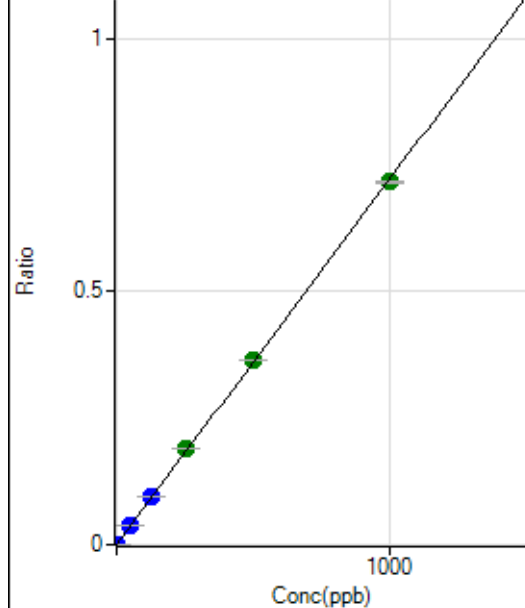


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8011725MS-3.b\
Analysis File: P8011725MS-3.batch.bin
DA Date-Time: 2025-01-17 16:06:17
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-01-17 12:32:13
2	006CALS.d	S02	2025-01-17 12:38:57
3	007CALB.d	S03	2025-01-17 12:42:17
4	008CALS.d	S04	2025-01-17 12:45:23
5	009CALS.d	S05	2025-01-17 12:48:21
6	010CALS.d	S06	2025-01-17 12:51:12
7	011CALS.d	S07	2025-01-17 12:53:57
8	012CALS.d	S08	2025-01-17 12:56:45

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	285.80	0.0000	P	11.5
2	☐	1.000	1.077	7094.16	0.0008	P	0.5
3	☐	50.000	52.498	330093.35	0.0379	P	0.5
4	☐	125.000	132.493	812906.23	0.0957	P	0.1
5	☐	250.000	262.759	1599928.14	0.1897	A	1.3
6	☐	500.000	505.232	3084256.25	0.3647	A	0.7
7	☐	1000.000	993.133	5964181.88	0.7169	A	0.2
8	☐			1518.65	0.0002	P	13.8

$$y = 7.2183E-004 * x + 3.2674E-005$$

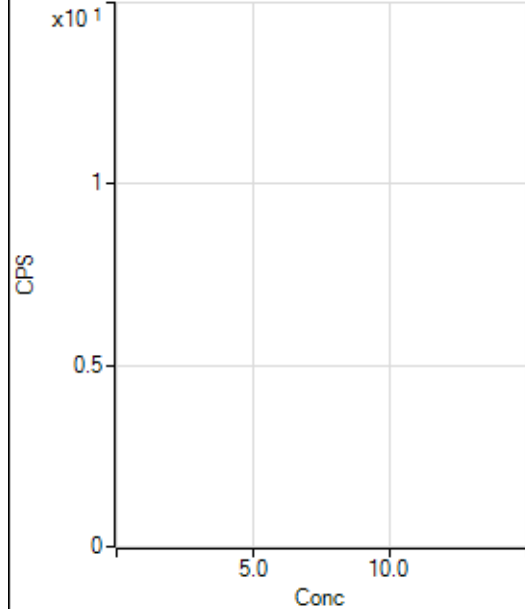
$$R = 0.9999$$

$$DL = 0.01564$$

Weight: <None>

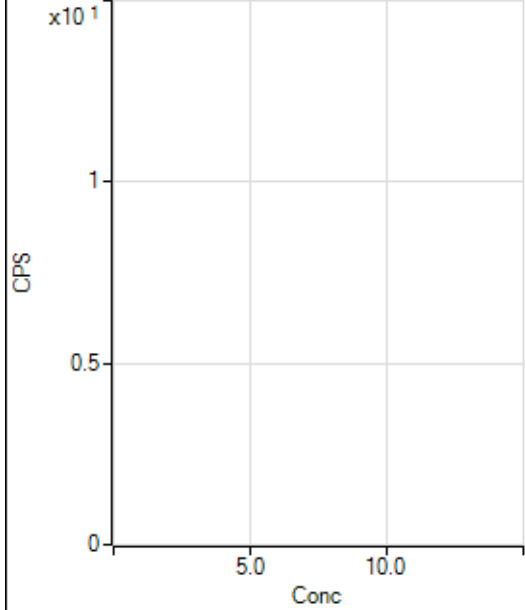
Min Conc: 0

12 C [No Gas] No available calibration points



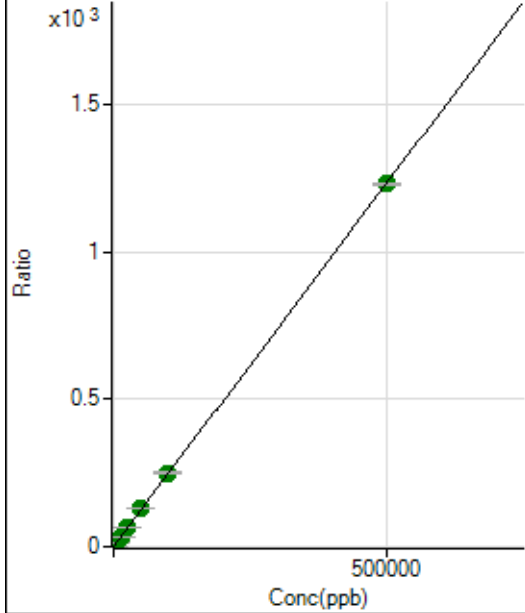
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			3138450.58		A	0.9
2	☐			3258550.85		A	1.4
3	☐			3281253.25		A	1.9
4	☐			3469245.96		A	1.1
5	☐			3581458.45		A	0.2
6	☐			3912297.79		A	0.8
7	☐			4631002.33		A	3.3
8	☐			6132966.96		A	12.1

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			22095.57		P	0.9
2	☐			23072.62		P	0.8
3	☐			23311.84		P	2.1
4	☐			24980.18		P	0.7
5	☐			26017.53		P	1.7
6	☐			29209.02		P	1.8
7	☐			36400.49		P	1.2
8	☐			60038.48		P	1.1

23 Na [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17576.19	0.0931	P	0.4
2	☐	500.000	555.915	284821.74	1.4653	P	3.4
3	☐	5000.000	5465.787	2582563.50	13.5845	A	1.1
4	☐	12500.000	13592.987	6419940.60	33.6451	A	1.1
5	☐	25000.000	26717.986	12786735.64	66.0419	A	0.1
6	☐	50000.000	52398.262	25110492.68	129.4292	A	0.8
7	☐	100000.00	101368.50	49988517.03	250.3039	A	1.5
8	☐	500000.00	499368.53	213020725.7	1,232.698	A	0.8

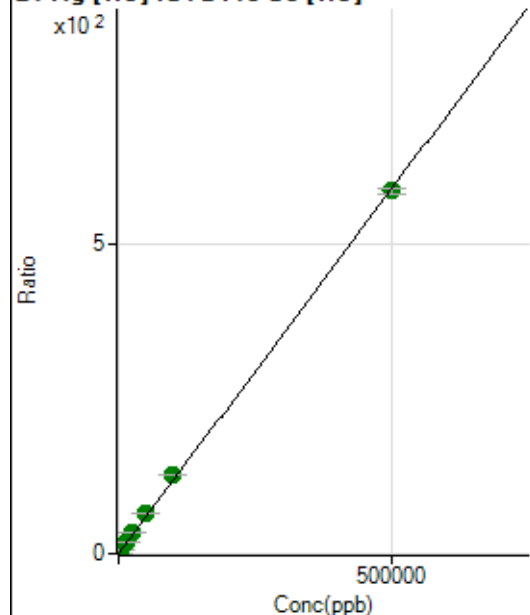
$$y = 0.0025 * x + 0.0931$$

$$R = 1.0000$$

$$DL = 0.4039$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD : 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	668.91	0.0035	P	8.2
2	☐	500.000	608.205	139908.91	0.7197	P	3.1
3	☐	5000.000	5960.270	1334980.71	7.0222	A	1.5
4	☐	12500.000	14937.083	3356940.99	17.5930	A	1.4
5	☐	25000.000	28522.162	6503480.11	33.5904	A	0.7
6	☐	50000.000	56154.533	12829425.92	66.1295	A	1.3
7	☐	100000.00	108249.47	25459448.23	127.4751	A	0.8
8	☐	500000.00	497487.90	101229815.1	585.8313	A	1.6

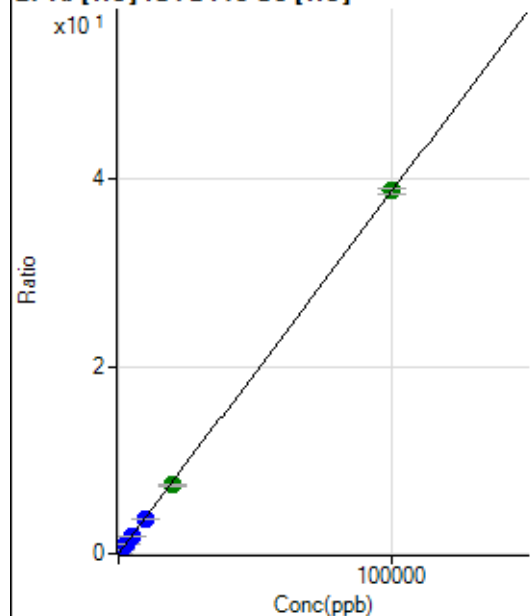
$$y = 0.0012 * x + 0.0035$$

$$R = 0.9998$$

$$DL = 0.7417$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD : 45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	134.45	0.0007	P	21.1
2	☐	20.000	19.091	1573.44	0.0081	P	7.0
3	☐	1000.000	1019.578	75138.15	0.3952	P	0.4
4	☐	2500.000	2553.981	188714.61	0.9890	P	0.2
5	☐	5000.000	4971.954	372635.71	1.9246	P	0.3
6	☐	10000.000	9730.974	730672.98	3.7661	P	0.2
7	☐	20000.000	19097.933	1475891.38	7.3907	A	2.6
8	☐	100000.00	100207.17	6700499.83	38.7760	A	1.4

$$y = 3.8695E-004 * x + 7.1262E-004$$

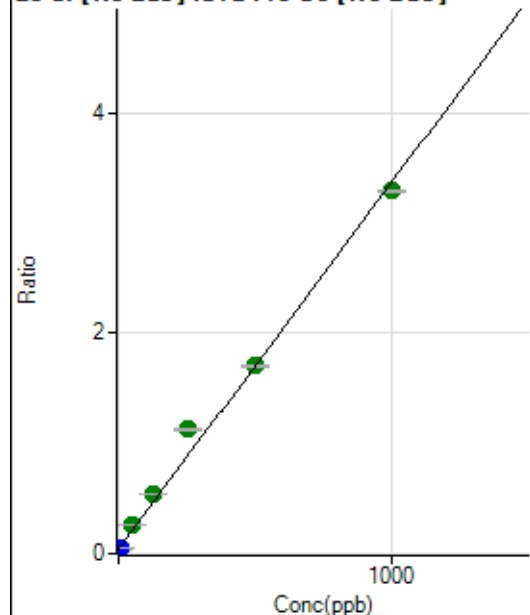
$$R = 1.0000$$

$$DL = 1.165$$

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	429987.17	0.0417	P	0.7
2	☐	10.000	2.599	519505.15	0.0504	P	1.5
3	☐	50.000	65.978	2716584.58	0.2614	A	2.9
4	☐	125.000	149.391	5571412.97	0.5391	A	1.4
5	☐	250.000	325.899	11829046.21	1.1267	A	0.7
6	☐	500.000	499.841	18075809.45	1.7058	A	0.9
7	☐	1000.000	977.331	34620937.82	3.2954	A	0.3
8	☐			566649.63	0.0629	P	0.9

$$y = 0.0033 * x + 0.0417$$

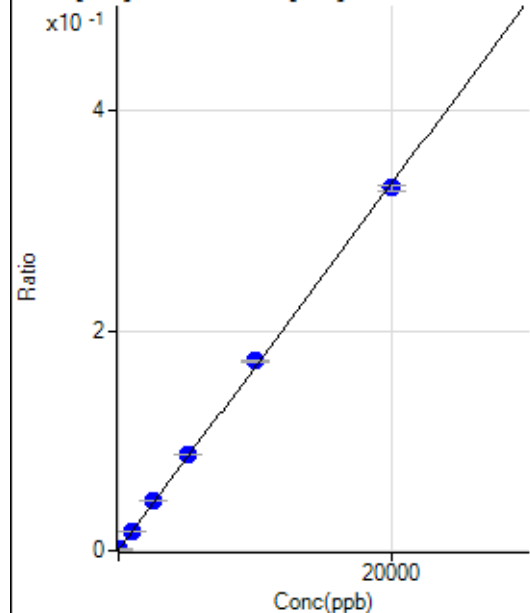
$$R = 0.9964$$

$$DL = 0.2706$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.994	47.78	0.0003	P	10.1
2	☐	0.000	18.994	172.22	0.0009	P	6.7
3	☐	1000.000	1041.184	3409.32	0.0179	P	2.8
4	☐	2500.000	2685.598	8654.87	0.0454	P	1.1
5	☐	5000.000	5233.326	17008.95	0.0878	P	1.1
6	☐	10000.000	10304.870	33451.88	0.1724	P	0.5
7	☐	20000.000	19763.975	65939.88	0.3302	P	1.2
8	☐			104.45	0.0006	P	19.3

$$y = 1.6677E-005 * x + 5.6980E-004$$

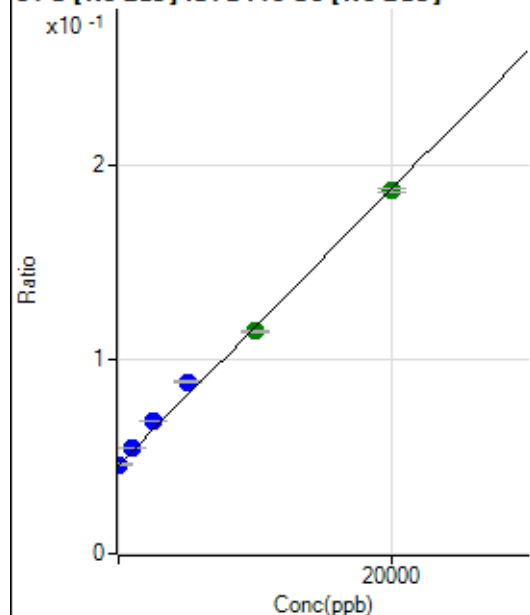
$$R = 0.9997$$

$$DL = 7.657$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-15.706	470322.16	0.0456	P	0.3
2	☐	0.000	15.706	472928.73	0.0459	P	1.3
3	☐	1000.000	1227.542	566310.44	0.0545	P	1.7
4	☐	2500.000	3162.289	705452.00	0.0683	P	0.6
5	☐	5000.000	6007.230	929219.57	0.0885	P	0.5
6	☐	10000.000	9654.249	1212995.63	0.1145	A	0.8
7	☐	20000.000	19826.905	1963377.07	0.1869	A	0.9
8	☐			333091.52	0.0370	P	1.6

$$y = 7.1190E-006 * x + 0.0457$$

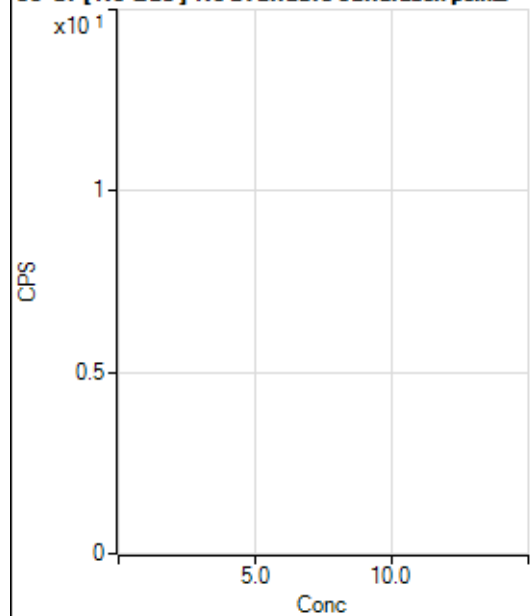
$$R = 0.9980$$

$$DL = 155.9$$

Weight: <None>

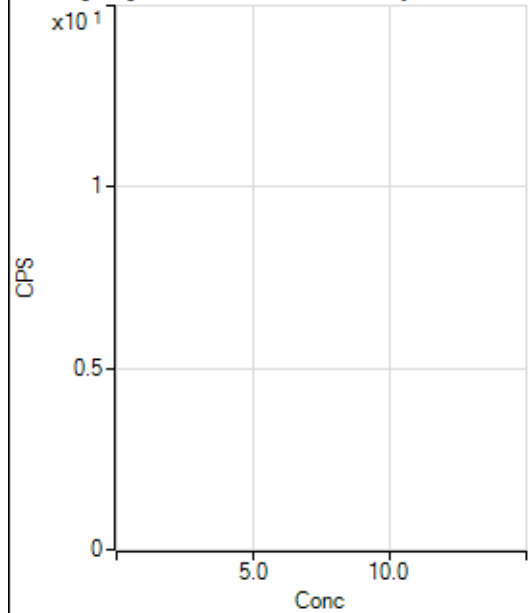
Min Conc: 0

35 Cl [No Gas] No available calibration points



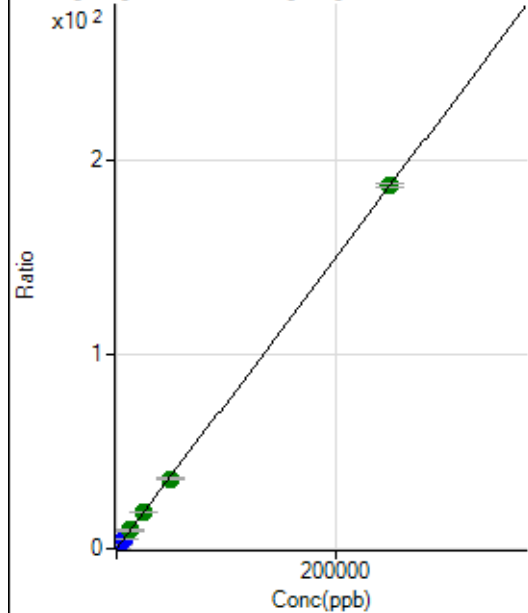
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			68611.36		P	1.1
2	☐			69505.58		P	1.3
3	☐			67998.63		P	1.5
4	☐			72772.66		P	0.8
5	☐			75040.73		P	1.8
6	☐			86924.38		P	1.3
7	☐			111580.15		P	1.8
8	☐			62402.48		P	0.1

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			283.34		P	8.5
2	☐			268.89		P	2.6
3	☐			261.12		P	21.1
4	☐			277.78		P	6.2
5	☐			290.01		P	18.1
6	☐			377.79		P	7.9
7	☐			493.35		P	12.5
8	☐			281.12		P	9.7

39 K [He] ISTD: 45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6963.96	0.0369	P	2.5
2	☐	500.000	510.373	81079.18	0.4171	P	2.6
3	☐	2500.000	2532.486	365637.20	1.9233	P	0.6
4	☐	6250.000	6385.029	914566.43	4.7930	P	0.9
5	☐	12500.000	12619.960	1827119.92	9.4373	A	1.7
6	☐	25000.000	25232.062	3653616.61	18.8318	A	0.7
7	☐	50000.000	48212.703	7179484.34	35.9497	A	1.7
8	☐	250000.00	250324.53	32227536.74	186.4994	A	1.2

$$y = 7.4488E-004 * x + 0.0369$$

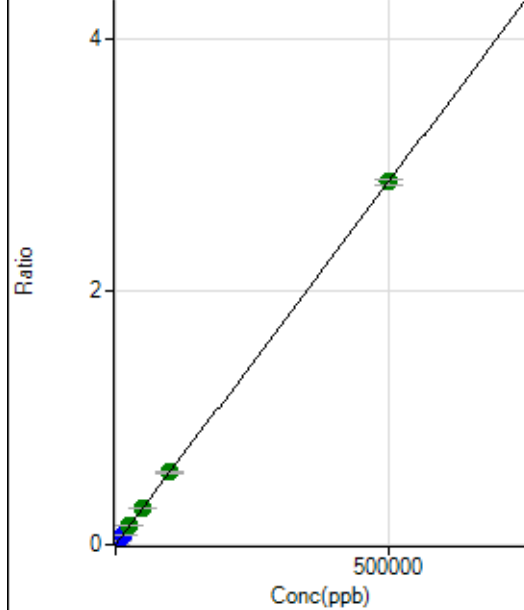
$$R = 1.0000$$

$$DL = 3.681$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	452.23	0.0000	P	15.1
2	☐	500.000	546.832	32767.30	0.0032	P	0.9
3	☐	5000.000	5120.312	305404.27	0.0294	P	1.6
4	☐	12500.000	12922.725	765665.76	0.0741	P	1.5
5	☐	25000.000	25786.596	1551560.71	0.1478	A	1.4
6	☐	50000.000	50046.563	3038999.12	0.2868	A	0.6
7	☐	100000.00	99670.893	5999724.36	0.5711	A	0.9
8	☐	500000.00	500010.01	25796106.01	2.8648	A	1.8

$$y = 5.7294E-006 * x + 4.3878E-005$$

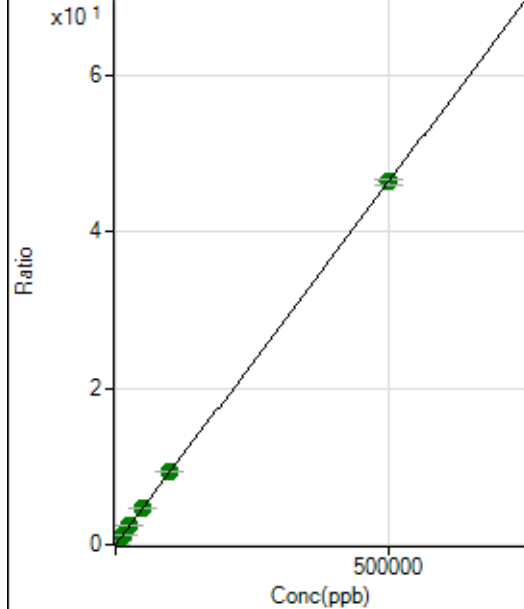
$$R = 1.0000$$

$$DL = 3.479$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8999.55	0.0009	P	3.7
2	☐	500.000	540.443	525685.19	0.0510	P	1.0
3	☐	5000.000	5109.039	4931436.07	0.4744	A	1.9
4	☐	12500.000	12891.746	12359962.45	1.1958	A	0.4
5	☐	25000.000	25458.438	24784257.96	2.3606	A	0.3
6	☐	50000.000	49834.518	48955426.49	4.6201	A	1.3
7	☐	100000.00	99546.319	96946901.89	9.2279	A	0.1
8	☐	500000.00	500073.43	417390380.4	46.3530	A	1.7

$$y = 9.2691E-005 * x + 8.7314E-004$$

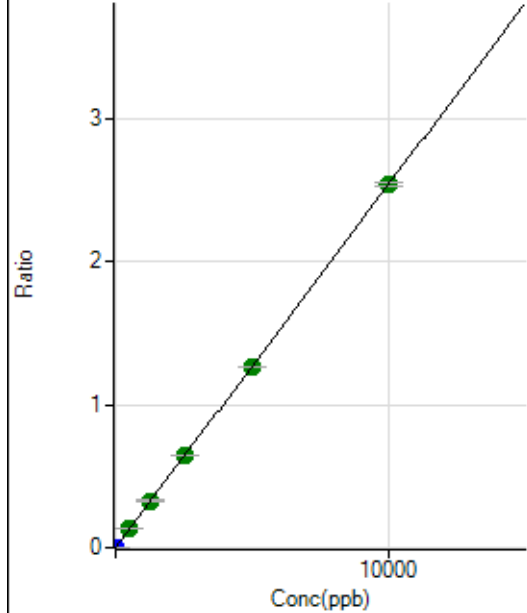
$$R = 1.0000$$

$$DL = 1.042$$

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	171.11	0.0000	P	7.2
2	☐	5.000	5.358	14204.89	0.0014	P	2.2
3	☐	500.000	519.470	1371348.10	0.1319	A	2.3
4	☐	1250.000	1296.845	3403990.85	0.3294	A	1.3
5	☐	2500.000	2525.258	6733044.62	0.6413	A	0.7
6	☐	5000.000	4992.540	13435767.99	1.2679	A	0.3
7	☐	10000.000	9990.586	26654489.60	2.5372	A	1.1
8	☐			10308.24	0.0011	P	5.1

$$y = 2.5395E-004 * x + 1.6600E-005$$

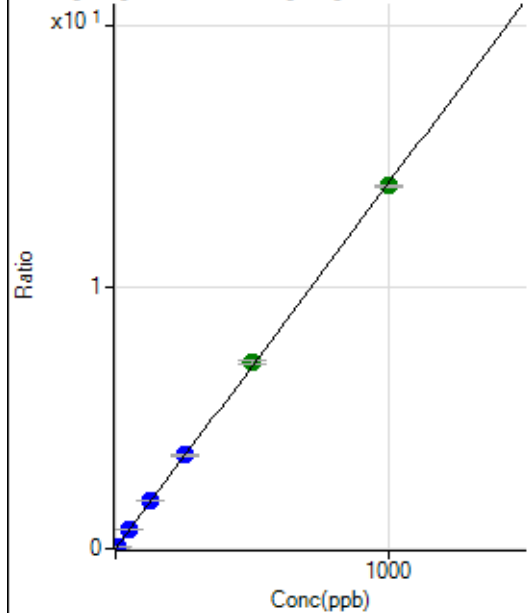
$$R = 1.0000$$

$$DL = 0.01422$$

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	5.55	0.0000	P	69.6
2	☐	5.000	5.189	14097.03	0.0725	P	3.6
3	☐	50.000	51.509	136820.91	0.7197	P	0.1
4	☐	125.000	129.633	345607.59	1.8112	P	0.7
5	☐	250.000	255.380	690830.32	3.5681	P	0.6
6	☐	500.000	510.041	1382563.92	7.1261	A	2.4
7	☐	1000.000	992.979	2770942.14	13.8736	A	0.5
8	☐			451.12	0.0026	P	7.2

$$y = 0.0140 * x + 2.9457E-005$$

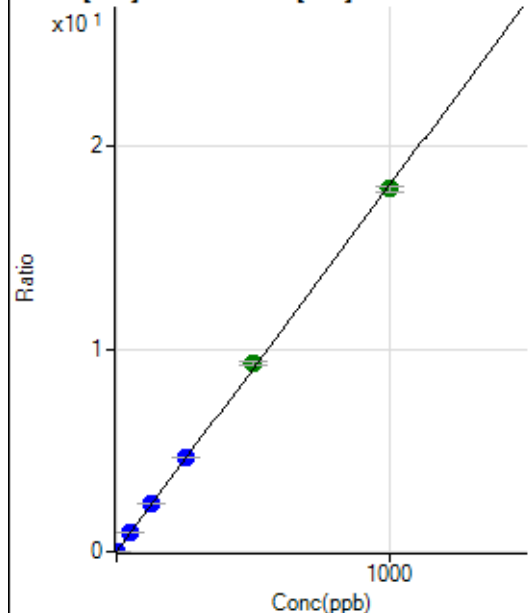
$$R = 0.9999$$

$$DL = 0.004403$$

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	533.35	0.0028	P	8.6
2	☐	2.000	2.055	7771.05	0.0400	P	2.4
3	☐	50.000	52.138	179682.97	0.9452	P	0.3
4	☐	125.000	130.580	450882.29	2.3629	P	0.3
5	☐	250.000	255.723	895393.01	4.6247	P	0.9
6	☐	500.000	514.819	1805768.86	9.3076	A	1.5
7	☐	1000.000	990.355	3575414.25	17.9024	A	1.3
8	☐			7471.35	0.0433	P	5.9

$$y = 0.0181 * x + 0.0028$$

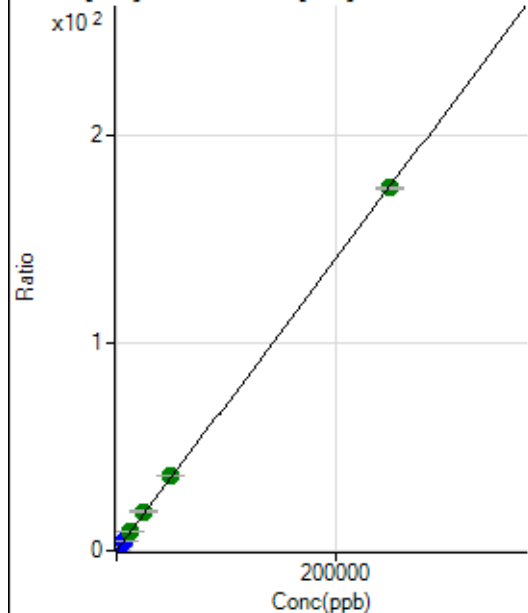
$$R = 0.9998$$

$$DL = 0.04042$$

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	253.34	0.0013	P	15.3
2	☐	50.000	59.809	8418.11	0.0433	P	2.8
3	☐	2500.000	2790.492	372451.93	1.9592	P	0.2
4	☐	6250.000	7017.530	939719.74	4.9249	P	1.1
5	☐	12500.000	13770.959	1870837.75	9.6631	A	1.4
6	☐	25000.000	27054.175	3682783.66	18.9826	A	0.6
7	☐	50000.000	51553.482	7224265.31	36.1714	A	0.7
8	☐	250000.00	249398.24	30238036.77	174.9797	A	0.7

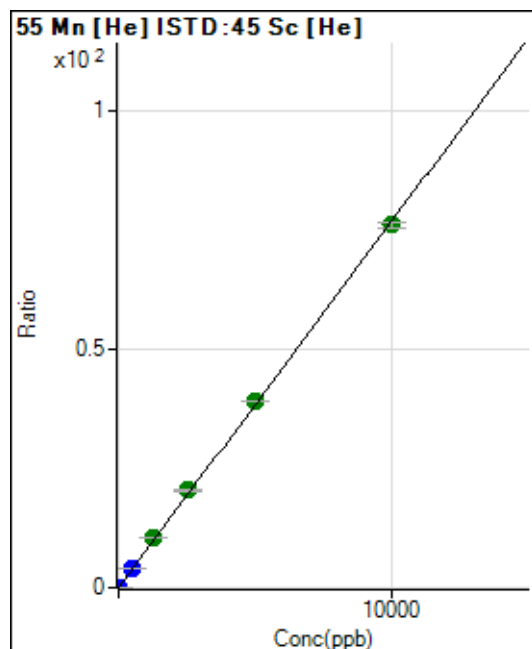
$$y = 7.0160E-004 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.8792$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0004	P	18.3
2	☐	1.000	1.088	1691.23	0.0087	P	6.4
3	☐	500.000	525.753	767617.06	4.0378	P	0.3
4	☐	1250.000	1364.496	1999515.39	10.4787	A	0.4
5	☐	2500.000	2651.916	3942775.15	20.3652	A	1.8
6	☐	5000.000	5078.382	7566194.19	38.9988	A	0.2
7	☐	10000.000	9907.230	15194372.13	76.0810	A	1.6
8	☐			4944.37	0.0286	P	5.8

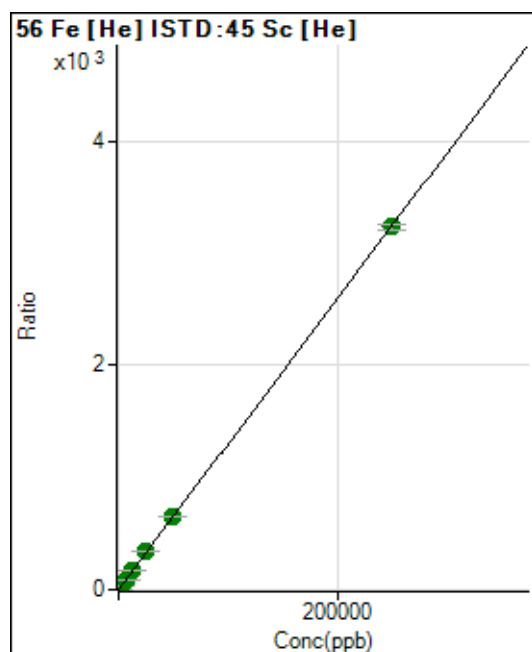
$$y = 0.0077 * x + 3.5330E-004$$

$$R = 0.9998$$

$$DL = 0.02522$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3242.63	0.0172	P	7.2
2	☐	50.000	57.348	147884.64	0.7609	P	3.8
3	☐	2500.000	2755.896	6797332.95	35.7546	A	0.8
4	☐	6250.000	6903.192	17084053.22	89.5351	A	1.7
5	☐	12500.000	13601.728	34153088.38	176.3991	A	0.5
6	☐	25000.000	26394.147	66406351.23	342.2863	A	0.5
7	☐	50000.000	50440.522	130629566.9	654.1104	A	1.8
8	☐	250000.00	249698.50	559525831.6	3,238.010	A	1.4

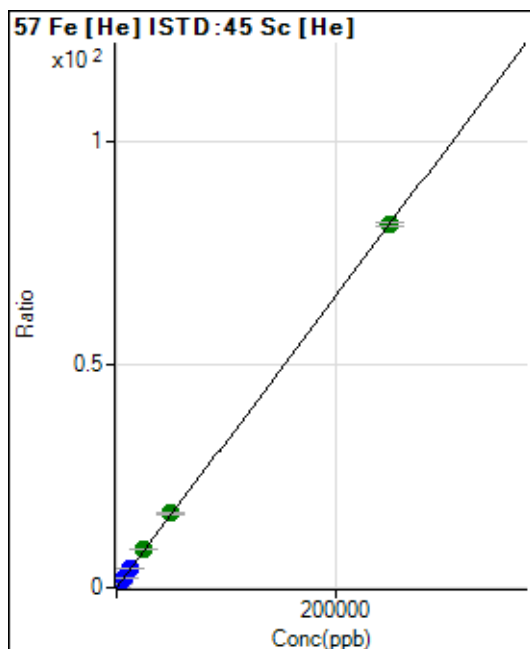
$$y = 0.0130 * x + 0.0172$$

$$R = 1.0000$$

$$DL = 0.2871$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.33	0.0004	P	10.4
2	☐	50.000	56.188	3648.28	0.0188	P	4.0
3	☐	2500.000	2732.642	169545.91	0.8918	P	0.1
4	☐	6250.000	6803.310	423547.85	2.2197	P	1.0
5	☐	12500.000	13387.928	845626.62	4.3676	P	0.6
6	☐	25000.000	26666.519	1687710.24	8.6992	A	1.1
7	☐	50000.000	51072.127	3327396.37	16.6604	A	1.0
8	☐	250000.00	249558.36	14067407.85	81.4073	A	1.2

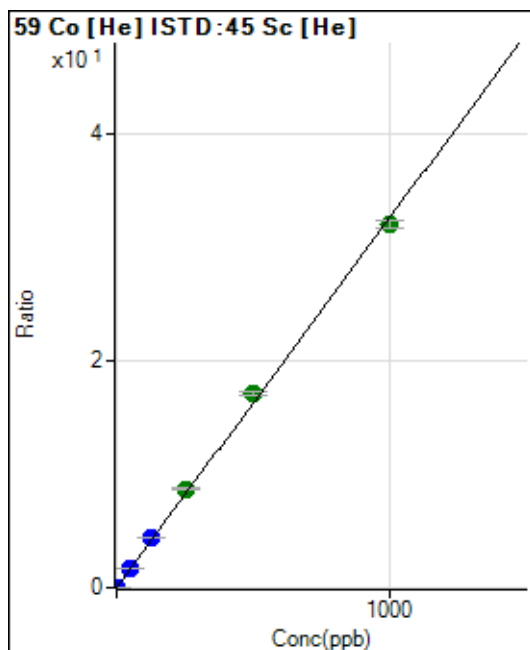
$$y = 3.2620E-004 * x + 4.4145E-004$$

$$R = 1.0000$$

$$DL = 0.4221$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	96.67	0.0005	P	12.9
2	☐	1.000	1.122	7217.45	0.0371	P	3.3
3	☐	50.000	54.368	337456.32	1.7751	P	0.1
4	☐	125.000	136.254	848700.63	4.4478	P	1.0
5	☐	250.000	266.567	1684618.15	8.7012	A	1.3
6	☐	500.000	525.036	3324821.76	17.1376	A	1.3
7	☐	1000.000	981.715	6399170.05	32.0435	A	2.1
8	☐			12060.77	0.0698	P	2.0

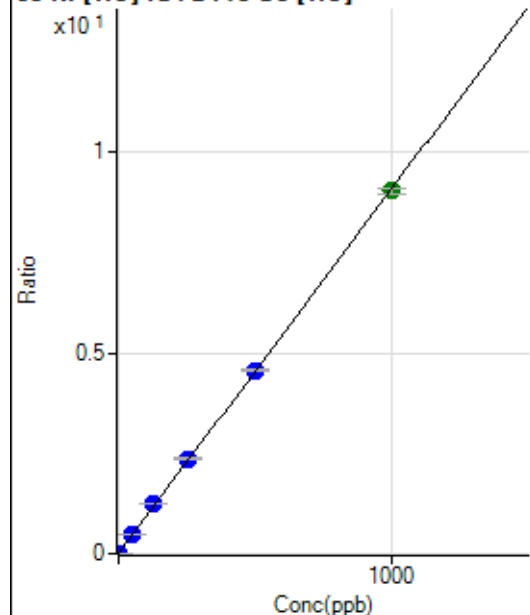
$$y = 0.0326 * x + 5.1236E-004$$

$$R = 0.9993$$

$$DL = 0.006069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1225.62	0.0065	P	6.1
2	☐	1.000	1.082	3169.28	0.0163	P	5.7
3	☐	50.000	54.154	94653.97	0.4979	P	0.7
4	☐	125.000	134.566	234238.97	1.2276	P	0.9
5	☐	250.000	260.436	458801.49	2.3697	P	1.1
6	☐	500.000	502.320	885571.53	4.5646	P	1.0
7	☐	1000.000	994.827	1804120.56	9.0338	A	1.6
8	☐			7261.91	0.0420	P	2.5

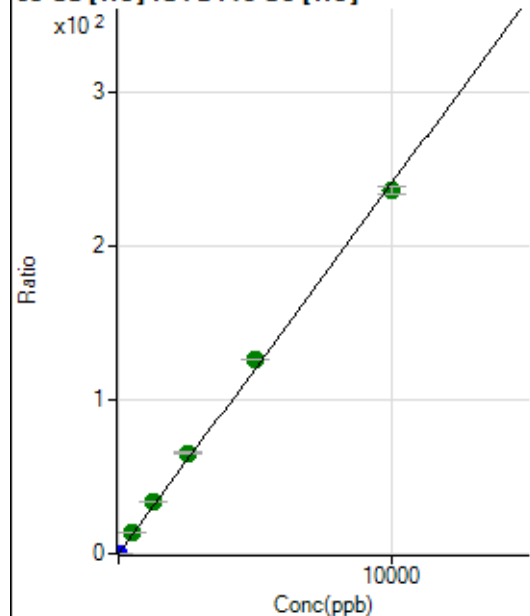
$$y = 0.0091 * x + 0.0065$$

$$R = 0.9999$$

$$DL = 0.1304$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4436.29	0.0235	P	3.0
2	☐	2.000	2.280	15213.81	0.0783	P	3.4
3	☐	500.000	566.410	2591381.16	13.6311	A	0.5
4	☐	1250.000	1400.344	6423928.52	33.6658	A	0.7
5	☐	2500.000	2719.341	12653070.79	65.3538	A	1.2
6	☐	5000.000	5236.396	24411073.80	125.8244	A	0.3
7	☐	10000.000	9804.853	47045869.30	235.5785	A	2.0
8	☐			12263.16	0.0710	P	4.3

$$y = 0.0240 * x + 0.0235$$

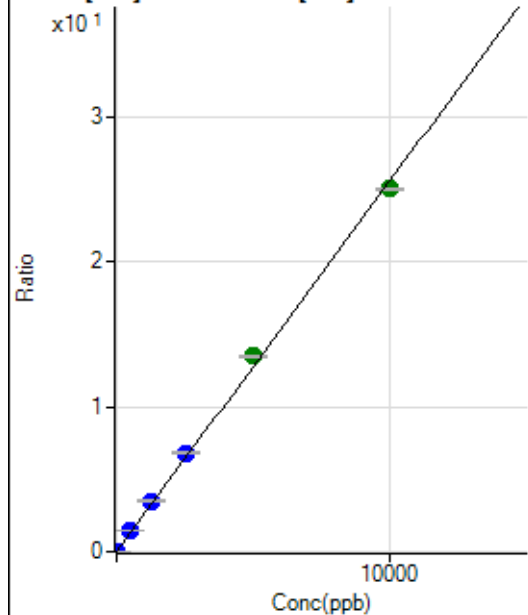
$$R = 0.9993$$

$$DL = 0.08733$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	330.01	0.0017	P	9.1
2	☐	5.000	5.463	3050.36	0.0157	P	5.8
3	☐	500.000	547.950	266397.48	1.4013	P	0.2
4	☐	1250.000	1372.881	669423.81	3.5083	P	1.1
5	☐	2500.000	2671.053	1321216.01	6.8240	P	0.6
6	☐	5000.000	5280.452	2617009.44	13.4888	A	0.9
7	☐	10000.000	9799.253	4999190.14	25.0306	A	0.7
8	☐			6340.36	0.0367	P	1.0

$$y = 0.0026 * x + 0.0017$$

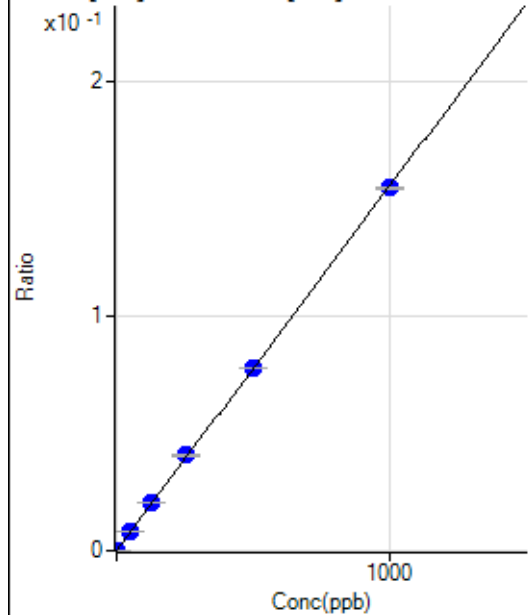
$$R = 0.9992$$

$$DL = 0.1875$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	1.000	1.009	296.68	0.0002	P	4.5
3	☐	50.000	51.734	14836.81	0.0080	P	2.5
4	☐	125.000	133.808	38524.74	0.0208	P	0.9
5	☐	250.000	262.018	76577.60	0.0407	P	1.7
6	☐	500.000	501.047	149712.05	0.0779	P	0.5
7	☐	1000.000	995.284	297302.39	0.1548	P	0.4
8	☐			147.78	0.0001	P	19.8

$$y = 1.5550E-004 * x + 1.2260E-006$$

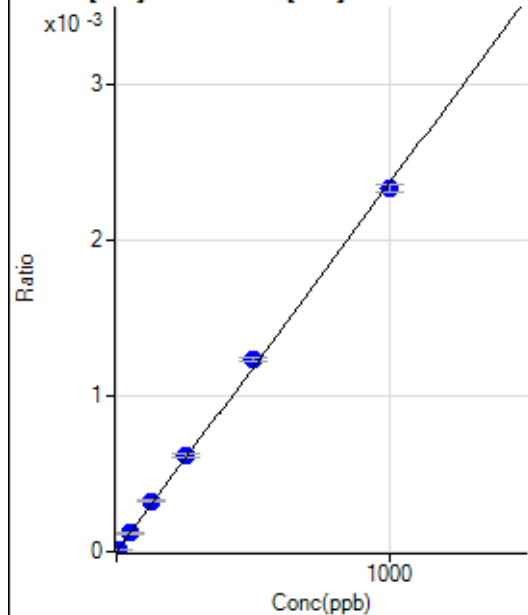
$$R = 0.9999$$

$$DL = 0.04097$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	6.507	28.89	0.0000	P	16.1
3	☐	50.000	51.560	224.45	0.0001	P	9.0
4	☐	125.000	137.036	598.91	0.0003	P	5.3
5	☐	250.000	261.354	1160.06	0.0006	P	2.7
6	☐	500.000	521.956	2368.01	0.0012	P	2.8
7	☐	1000.000	984.594	4465.19	0.0023	P	2.2
8	☐			4.45	0.0000	P	86.6

$$y = 2.3612E-006 * x + 0.0000E+000$$

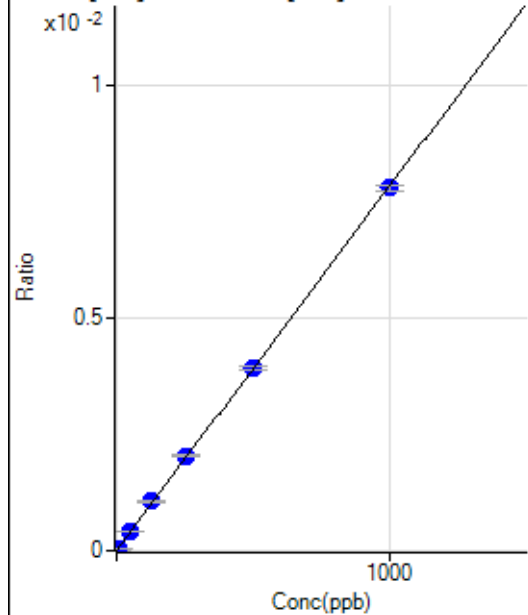
$$R = 0.9995$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.44	0.0000	P	115.
2	☐	5.000	6.184	95.55	0.0001	P	4.6
3	☐	50.000	53.164	773.37	0.0004	P	4.5
4	☐	125.000	136.318	1983.49	0.0011	P	3.3
5	☐	250.000	259.317	3826.12	0.0020	P	2.7
6	☐	500.000	501.272	7558.78	0.0039	P	2.1
7	☐	1000.000	995.456	15000.33	0.0078	P	1.4
8	☐			11.11	0.0000	P	62.0

$$y = 7.8421E-006 * x + 2.4433E-006$$

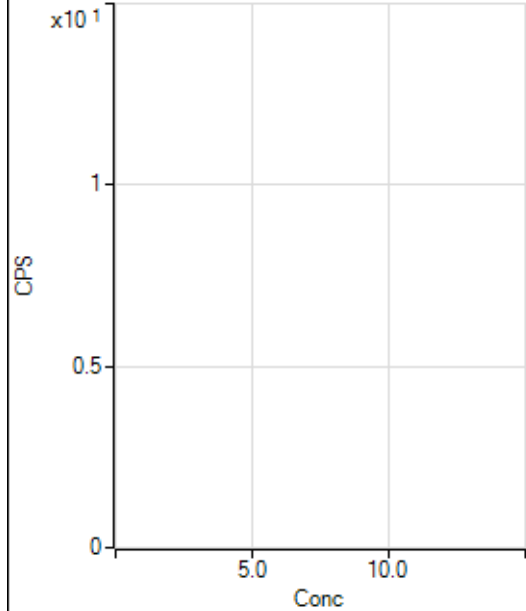
$$R = 0.9999$$

$$DL = 1.075$$

Weight: <None>

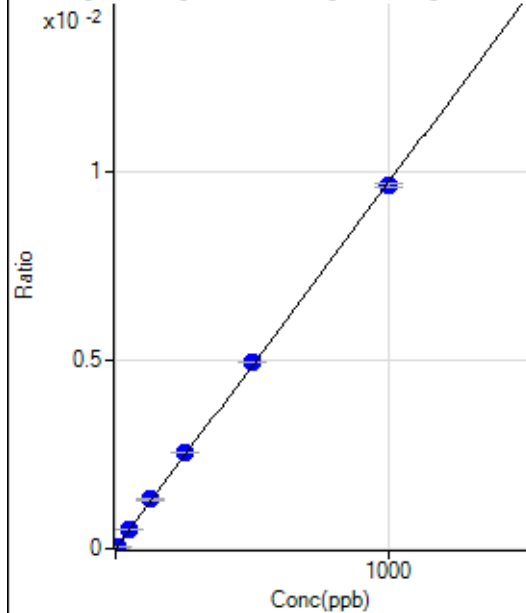
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6713.89		P	4.0
2	☐			6871.76		P	0.2
3	☐			7047.39		P	2.5
4	☐			7241.93		P	2.9
5	☐			7647.71		P	1.7
6	☐			7808.92		P	2.0
7	☐			7977.90		P	2.3
8	☐			8232.50		P	0.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.77	0.0000	P	161.
2	☐	5.000	5.321	1403.43	0.0001	P	1.5
3	☐	50.000	53.516	13997.28	0.0005	P	1.7
4	☐	125.000	134.532	34898.36	0.0013	P	1.4
5	☐	250.000	262.173	69551.22	0.0026	P	0.5
6	☐	500.000	509.453	134555.03	0.0050	P	0.7
7	☐	1000.000	990.861	265731.33	0.0096	P	1.1
8	☐			8.89	0.0000	P	426.

$$y = 9.7273E-006 * x + 1.0455E-006$$

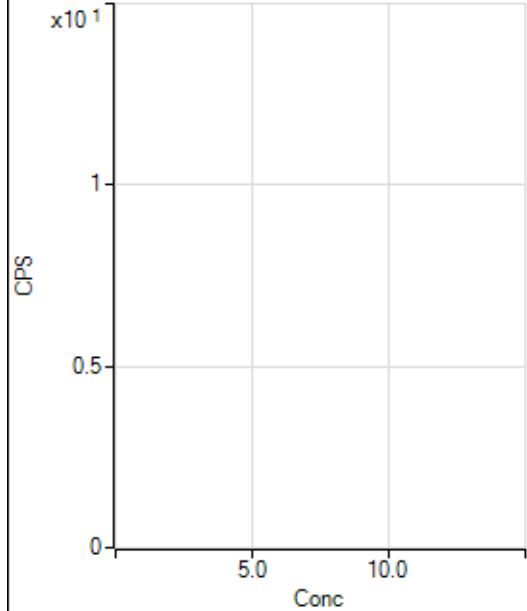
$$R = 0.9998$$

$$DL = 0.52$$

Weight: <None>

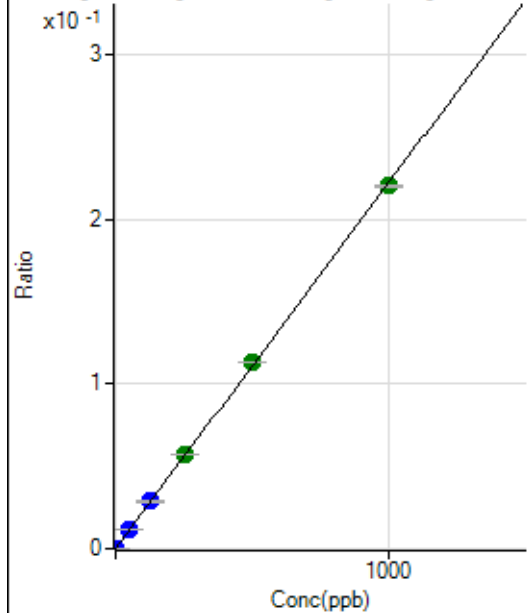
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			181.12		P	3.8
2	☐			188.89		P	12.8
3	☐			224.45		P	11.3
4	☐			224.45		P	15.5
5	☐			195.56		P	6.5
6	☐			267.78		P	14.3
7	☐			292.23		P	16.6
8	☐			404.45		P	7.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	373.34	0.0000	P	14.9
2	☐	1.000	1.010	6329.28	0.0002	P	2.6
3	☐	50.000	50.838	303100.89	0.0113	P	1.4
4	☐	125.000	129.078	763740.91	0.0287	P	0.5
5	☐	250.000	259.167	1568342.39	0.0575	A	0.6
6	☐	500.000	509.802	3071584.54	0.1131	A	0.8
7	☐	1000.000	992.256	6070754.07	0.2202	A	0.8
8	☐			14547.68	0.0006	P	1.9

$$y = 2.2192\text{E-}004 * x + 1.4088\text{E-}005$$

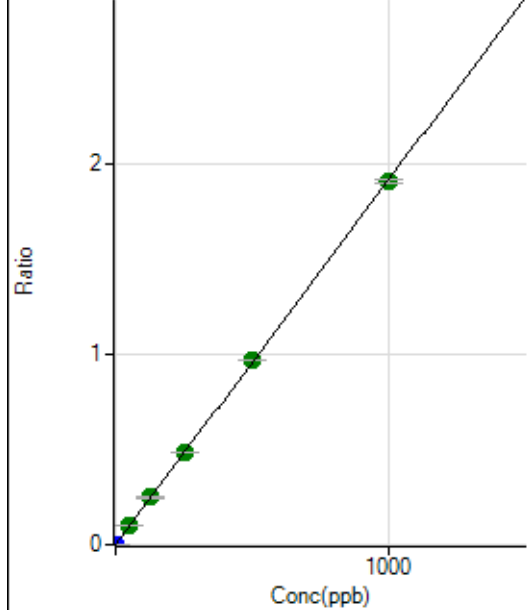
$$R = 0.9999$$

$$DL = 0.02832$$

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	262.23	0.0000	P	13.7
2	☐	1.000	1.016	51859.10	0.0020	P	0.9
3	☐	50.000	51.812	2657016.76	0.0990	A	1.3
4	☐	125.000	129.761	6608120.74	0.2480	A	0.9
5	☐	250.000	252.660	13162869.11	0.4828	A	0.9
6	☐	500.000	507.548	26329759.60	0.9699	A	0.2
7	☐	1000.000	994.875	52410720.89	1.9012	A	1.1
8	☐			125702.84	0.0053	P	1.4

$$y = 0.0019 * x + 9.8874E-006$$

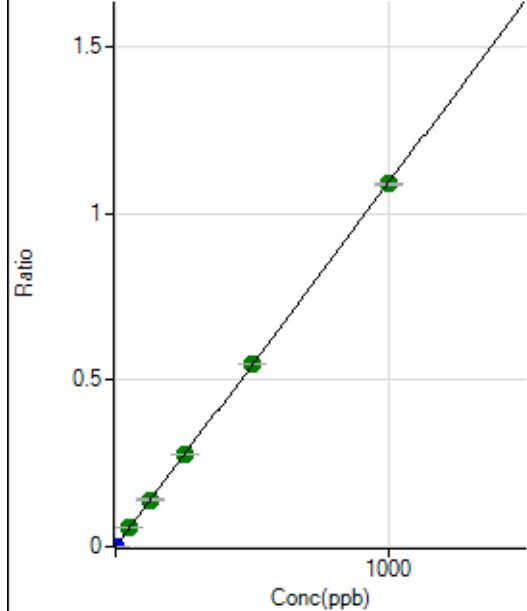
$$R = 0.9999$$

$$DL = 0.002132$$

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	842.26	0.0000	P	3.2
2	☐	1.000	1.060	31660.35	0.0012	P	0.7
3	☐	50.000	51.489	1511682.76	0.0563	A	1.6
4	☐	125.000	129.175	3764874.46	0.1413	A	1.5
5	☐	250.000	253.085	7545669.20	0.2768	A	0.3
6	☐	500.000	503.433	14945739.78	0.5506	A	0.4
7	☐	1000.000	996.916	30053992.33	1.0902	A	0.8
8	☐			15937.03	0.0007	P	4.9

$$y = 0.0011 * x + 3.1763E-005$$

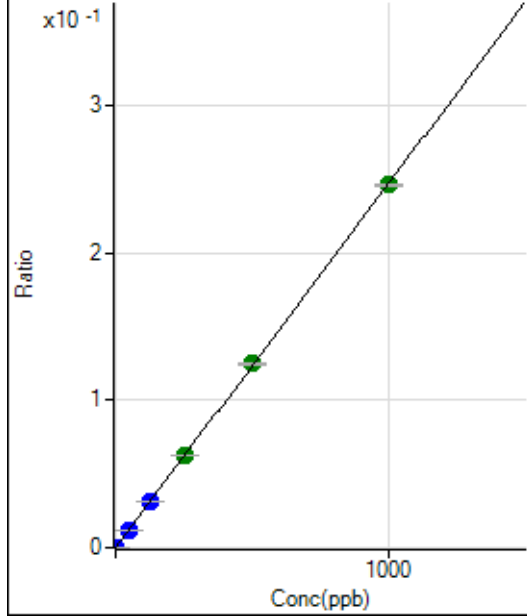
$$R = 1.0000$$

$$DL = 0.002816$$

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	198.89	0.0000	P	18.3
2	☐	1.000	1.005	6785.05	0.0003	P	3.1
3	☐	50.000	49.575	328295.49	0.0122	P	2.0
4	☐	125.000	125.137	822692.96	0.0309	P	0.6
5	☐	250.000	253.544	1705002.39	0.0625	A	0.9
6	☐	500.000	504.585	3378793.42	0.1245	A	0.9
7	☐	1000.000	996.825	6778198.09	0.2459	A	0.7
8	☐			3637.18	0.0002	P	2.5

$$y = 2.4665E-004 * x + 7.5002E-006$$

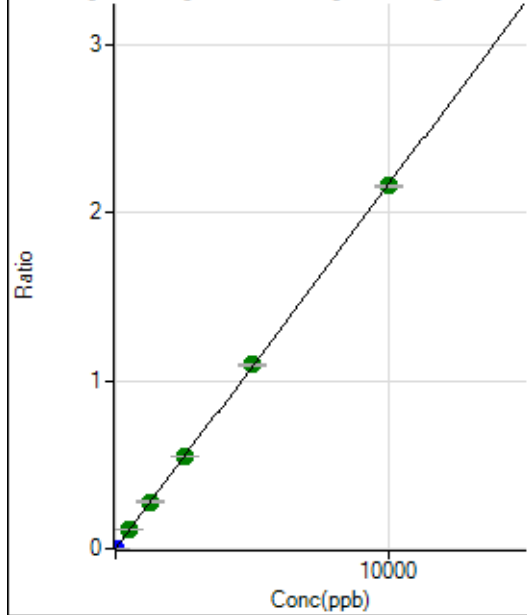
$$R = 1.0000$$

$$DL = 0.01672$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	328.90	0.0000	P	14.0
2	☐	5.000	6.233	36220.43	0.0014	P	2.2
3	☐	500.000	511.705	2975544.99	0.1109	A	1.8
4	☐	1250.000	1290.289	7450729.75	0.2796	A	1.0
5	☐	2500.000	2535.388	14977262.97	0.5494	A	1.3
6	☐	5000.000	5046.188	29684472.06	1.0935	A	0.3
7	☐	10000.000	9962.437	59513277.45	2.1588	A	0.3
8	☐			14276.46	0.0006	P	16.1

$$y = 2.1669E-004 * x + 1.2399E-005$$

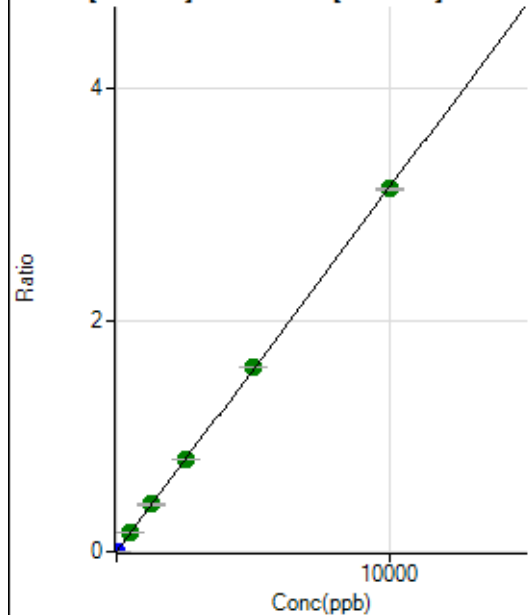
$$R = 1.0000$$

$$DL = 0.02404$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	115.56	0.0000	P	21.5
2	☐	5.000	5.271	44187.75	0.0017	P	1.3
3	☐	500.000	511.635	4319374.80	0.1610	A	1.6
4	☐	1250.000	1293.524	10844540.53	0.4070	A	0.9
5	☐	2500.000	2526.748	21671124.95	0.7950	A	1.1
6	☐	5000.000	5058.805	43206127.13	1.5916	A	0.5
7	☐	10000.000	9957.888	86367316.49	3.1329	A	0.4
8	☐			14403.24	0.0006	P	13.2

$$y = 3.1462E-004 * x + 4.3549E-006$$

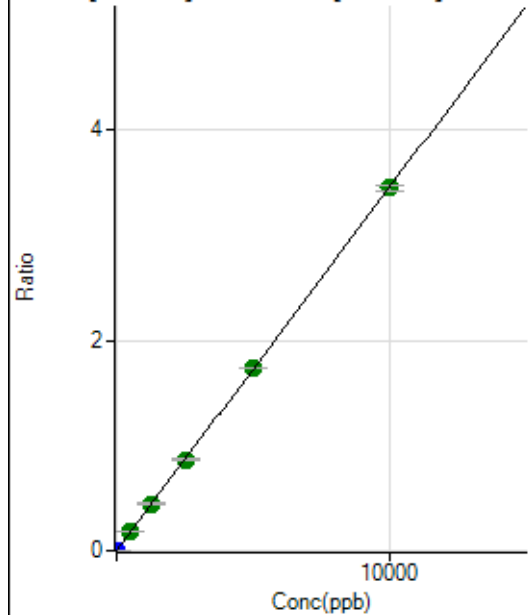
$$R = 1.0000$$

$$DL = 0.008916$$

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	167.78	0.0000	P	17.6
2	☐	5.000	5.292	48742.83	0.0018	P	0.7
3	☐	500.000	511.005	4735959.62	0.1765	A	1.2
4	☐	1250.000	1293.401	11904002.74	0.4467	A	0.6
5	☐	2500.000	2503.306	23568440.48	0.8646	A	1.5
6	☐	5000.000	5020.954	47075909.30	1.7341	A	0.4
7	☐	10000.000	9982.721	95046579.70	3.4478	A	1.3
8	☐			18777.45	0.0008	P	12.3

$$y = 3.4538E-004 * x + 6.3299E-006$$

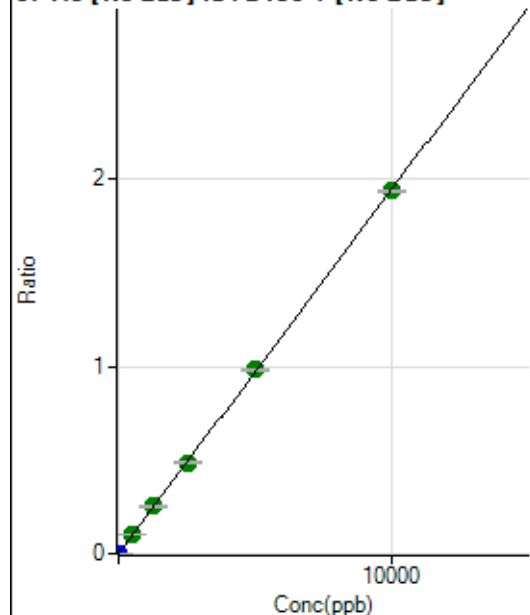
$$R = 1.0000$$

$$DL = 0.00967$$

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	71.11	0.0000	P	18.9
2	☐	5.000	5.280	27379.27	0.0010	P	1.0
3	☐	500.000	510.131	2663998.68	0.0993	A	1.5
4	☐	1250.000	1297.828	6730159.20	0.2526	A	1.5
5	☐	2500.000	2508.677	13308633.00	0.4882	A	1.6
6	☐	5000.000	5048.874	26673502.38	0.9826	A	1.0
7	☐	10000.000	9966.909	53472244.76	1.9397	A	0.8
8	☐			7060.78	0.0003	P	14.7

$$y = 1.9461E-004 * x + 2.6803E-006$$

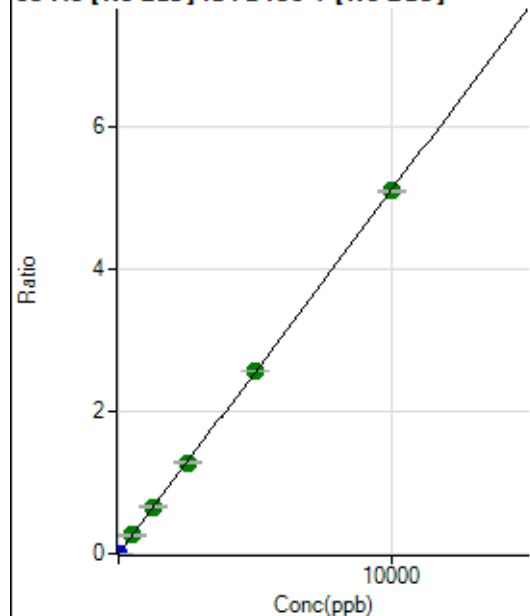
$$R = 1.0000$$

$$DL = 0.007828$$

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	173.34	0.0000	P	8.2
2	☐	5.000	5.231	71302.84	0.0027	P	1.4
3	☐	500.000	505.049	6933663.37	0.2584	A	1.3
4	☐	1250.000	1293.543	17635784.46	0.6618	A	1.3
5	☐	2500.000	2507.265	34969910.59	1.2828	A	0.5
6	☐	5000.000	5026.878	69817791.74	2.5719	A	0.2
7	☐	10000.000	9979.049	140748210.1	5.1056	A	0.3
8	☐			17392.43	0.0007	P	17.7

$$y = 5.1163E-004 * x + 6.5371E-006$$

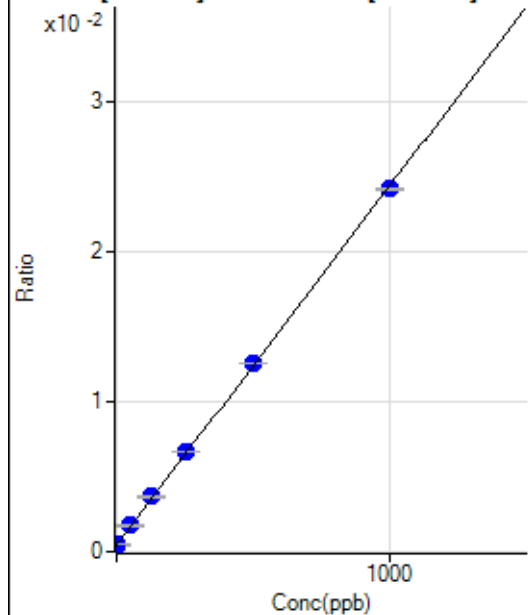
$$R = 1.0000$$

$$DL = 0.003157$$

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	8643.87	0.0004	P	3.7
2	☐	1.000	1.009	9127.55	0.0005	P	2.6
3	☐	50.000	53.809	34108.70	0.0017	P	2.1
4	☐	125.000	134.330	71863.50	0.0037	P	1.3
5	☐	250.000	260.627	133040.58	0.0067	P	1.4
6	☐	500.000	507.181	251944.02	0.0126	P	0.5
7	☐	1000.000	992.396	484666.21	0.0242	P	0.6
8	☐			7335.35	0.0004	P	2.3

$$y = 2.3943\text{E-}005 * x + 4.4521\text{E-}004$$

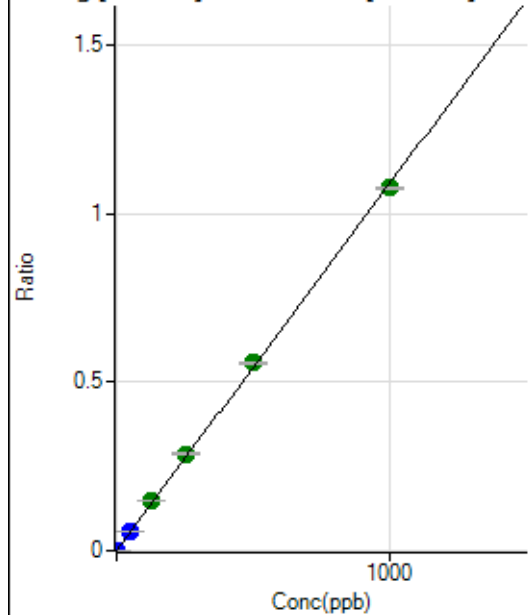
$$R = 0.9999$$

$$DL = 2.06$$

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	188.89	0.0000	P	6.9
2	☐	1.000	1.064	22709.90	0.0012	P	0.8
3	☐	50.000	53.123	1137683.72	0.0578	P	0.9
4	☐	125.000	135.839	2901224.19	0.1478	A	2.1
5	☐	250.000	264.523	5728422.62	0.2879	A	0.9
6	☐	500.000	512.117	11152943.31	0.5573	A	0.8
7	☐	1000.000	988.800	21544183.29	1.0760	A	0.6
8	☐			3228.20	0.0002	P	18.8

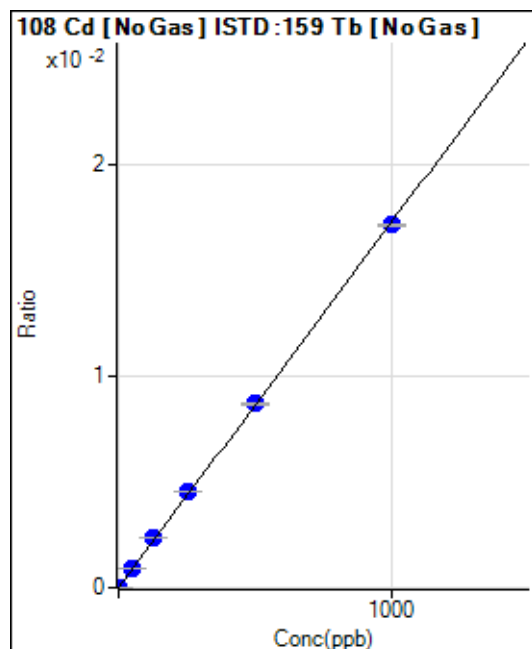
$$y = 0.0011 * x + 9.7304\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.001859$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.56	0.0000	P	33.0
2	☐	1.000	1.147	401.12	0.0000	P	15.4
3	☐	50.000	54.152	18415.69	0.0009	P	1.4
4	☐	125.000	136.611	46314.12	0.0024	P	1.2
5	☐	250.000	263.075	90413.74	0.0045	P	1.4
6	☐	500.000	504.380	174316.81	0.0087	P	1.0
7	☐	1000.000	992.882	343288.06	0.0171	P	0.6
8	☐			164.45	0.0000	P	20.6

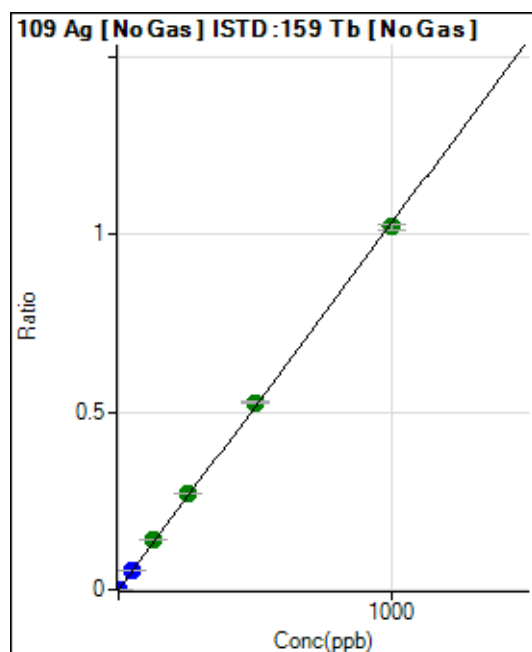
$$y = 1.7267E-005 * x + 8.0183E-007$$

R = 0.9999

DL = 0.04591

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	80.00	0.0000	P	4.5
2	☐	1.000	1.075	21622.62	0.0011	P	2.2
3	☐	50.000	53.659	1088103.97	0.0553	P	1.0
4	☐	125.000	137.887	2788986.14	0.1421	A	0.4
5	☐	250.000	263.405	5401752.91	0.2714	A	0.6
6	☐	500.000	509.895	10515799.29	0.5254	A	0.9
7	☐	1000.000	989.907	20423629.00	1.0201	A	1.6
8	☐			2920.35	0.0002	P	23.0

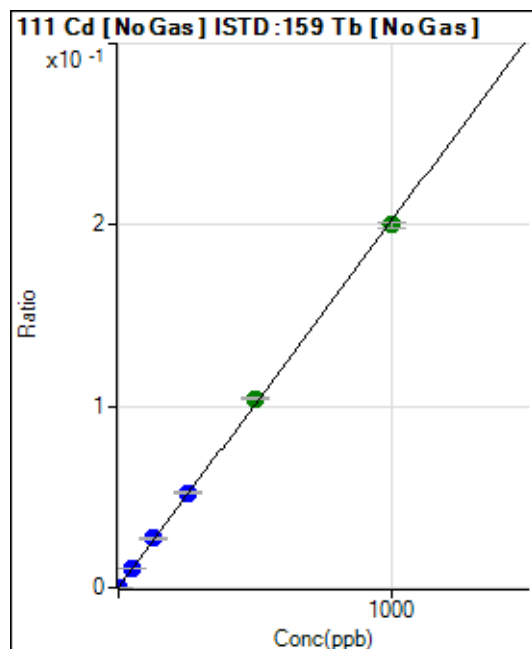
$$y = 0.0010 * x + 4.1210E-006$$

R = 0.9998

DL = 0.0005429

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1734.55	0.0001	P	4.0
2	☐	1.000	1.141	6226.68	0.0003	P	3.3
3	☐	50.000	52.687	211493.23	0.0107	P	1.2
4	☐	125.000	134.054	533998.94	0.0272	P	1.5
5	☐	250.000	259.061	1044697.24	0.0525	P	1.2
6	☐	500.000	515.365	2088327.07	0.1043	A	1.0
7	☐	1000.000	988.786	4006757.51	0.2001	A	1.4
8	☐			2257.55	0.0001	P	6.0

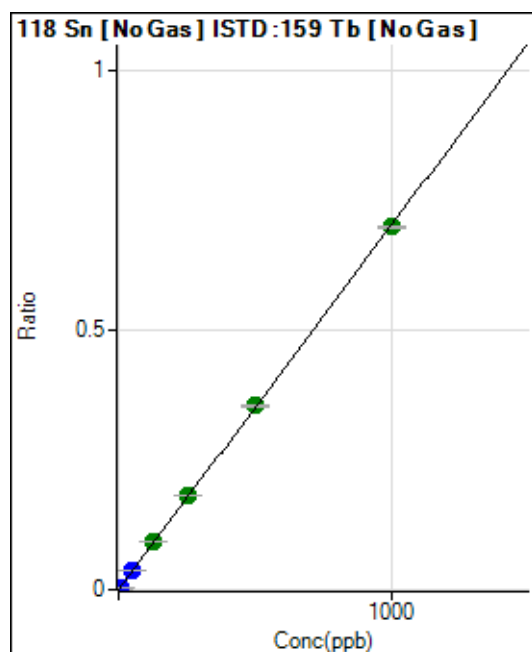
$$y = 2.0230E-004 * x + 8.9340E-005$$

$$R = 0.9998$$

$$DL = 0.05315$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1381.20	0.0001	P	9.8
2	☐	5.000	5.335	74306.70	0.0038	P	2.1
3	☐	50.000	51.847	718544.17	0.0365	P	0.9
4	☐	125.000	131.425	1814516.99	0.0925	A	2.1
5	☐	250.000	258.046	3611201.72	0.1815	A	0.4
6	☐	500.000	503.905	7090489.06	0.3543	A	0.6
7	☐	1000.000	995.139	14007363.96	0.6996	A	0.7
8	☐			4112.88	0.0002	P	6.8

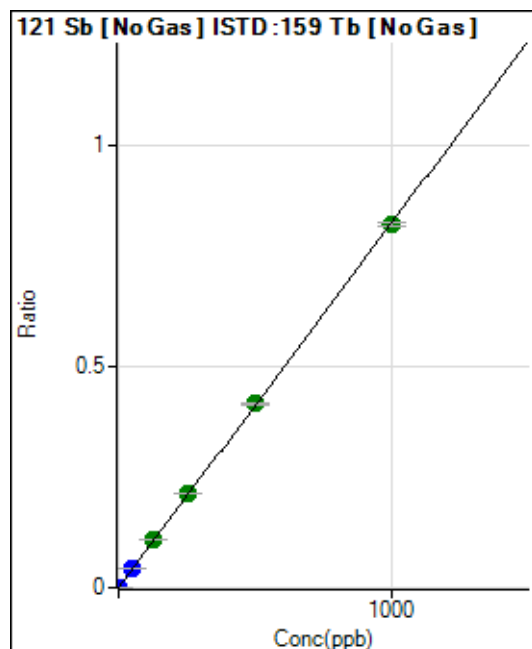
$$y = 7.0294E-004 * x + 7.1137E-005$$

$$R = 0.9999$$

$$DL = 0.02982$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.56	0.0000	P	11.5
2	☐	2.000	2.118	33982.24	0.0017	P	0.8
3	☐	50.000	50.969	826521.01	0.0420	P	1.1
4	☐	125.000	132.771	2147432.75	0.1094	A	1.7
5	☐	250.000	258.177	4233941.60	0.2128	A	0.8
6	☐	500.000	503.750	8308116.61	0.4151	A	0.3
7	☐	1000.000	995.061	16418047.12	0.8200	A	1.1
8	☐			9816.93	0.0006	P	3.1

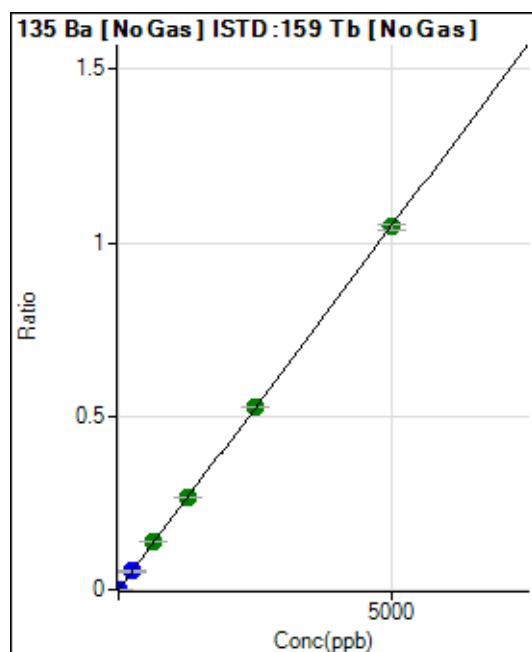
$$y = 8.2407E-004 * x + 2.3471E-006$$

$$R = 0.9999$$

$$DL = 0.0009798$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	142.22	0.0000	P	9.5
2	☐	10.000	10.694	43733.72	0.0022	P	3.1
3	☐	250.000	252.418	1041517.40	0.0529	P	1.1
4	☐	625.000	658.274	2709104.91	0.1380	A	0.9
5	☐	1250.000	1266.460	5284361.69	0.2655	A	1.1
6	☐	2500.000	2508.642	10526672.90	0.5260	A	0.8
7	☐	5000.000	4987.282	20936593.99	1.0457	A	1.3
8	☐			7767.85	0.0004	P	4.0

$$y = 2.0967E-004 * x + 7.3254E-006$$

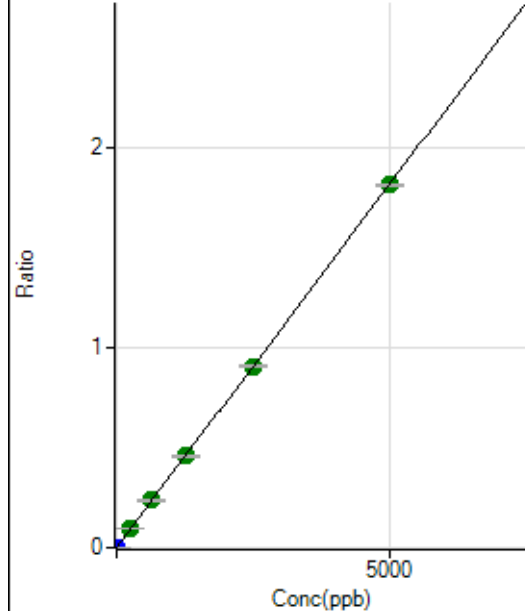
$$R = 1.0000$$

$$DL = 0.00991$$

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	213.34	0.0000	P	12.0
2	☐	10.000	10.719	75874.21	0.0039	P	0.9
3	☐	250.000	259.221	1851598.05	0.0941	A	1.9
4	☐	625.000	651.318	4640146.18	0.2364	A	2.0
5	☐	1250.000	1264.854	9136805.56	0.4591	A	1.3
6	☐	2500.000	2498.303	18149006.26	0.9069	A	0.9
7	☐	5000.000	4993.383	36291883.35	1.8125	A	0.4
8	☐			13876.11	0.0008	P	5.5

$$y = 3.6299E-004 * x + 1.0990E-005$$

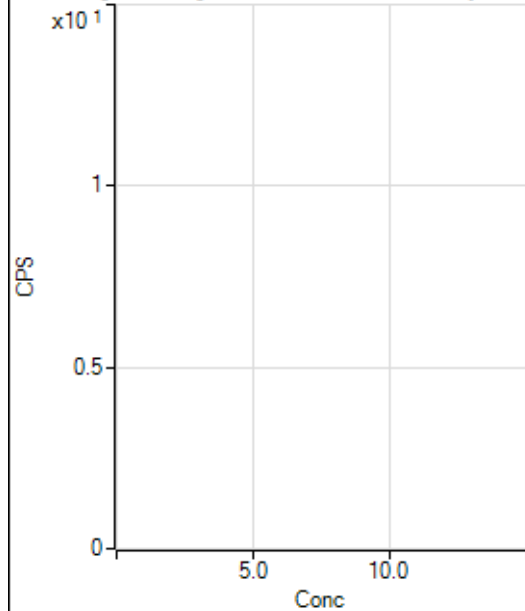
$$R = 1.0000$$

$$DL = 0.01087$$

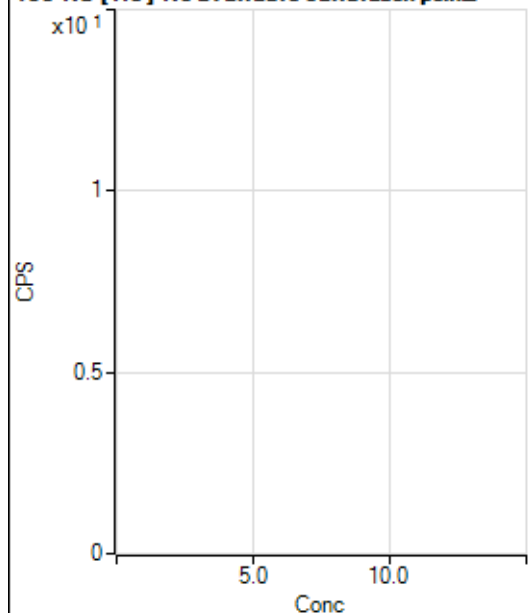
Weight: <None>

Min Conc: 0

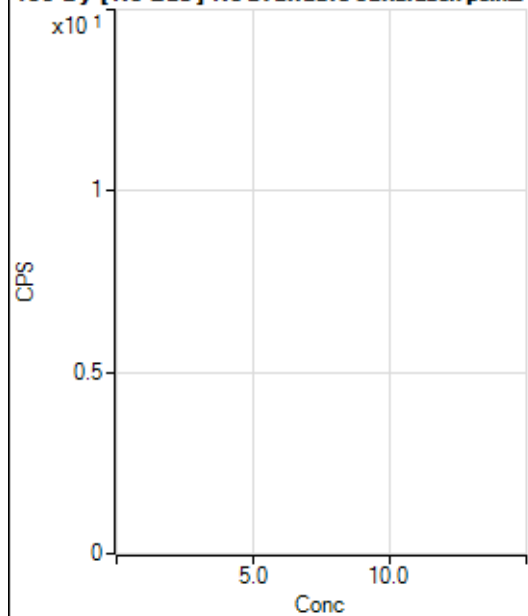
150 Nd [No Gas] No available calibration points



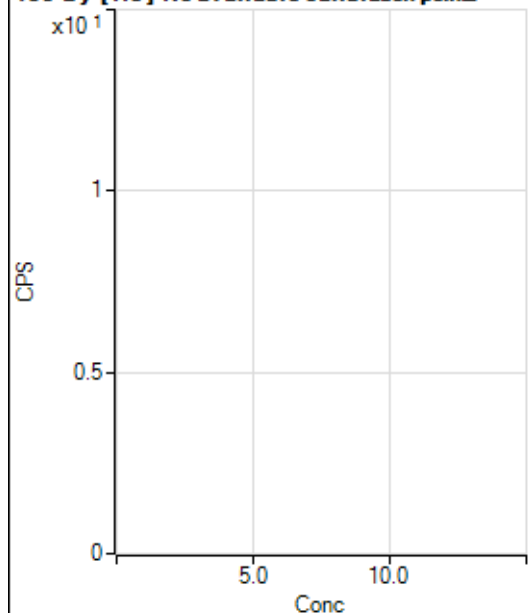
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			10.00		P	100.
2	☐			21.11		P	39.7
3	☐			96.67		P	26.0
4	☐			251.12		P	7.3
5	☐			471.12		P	2.5
6	☐			882.26		P	3.3
7	☐			1790.14		P	2.0
8	☐			304.45		P	12.1

150 Nd [He] No available calibration points

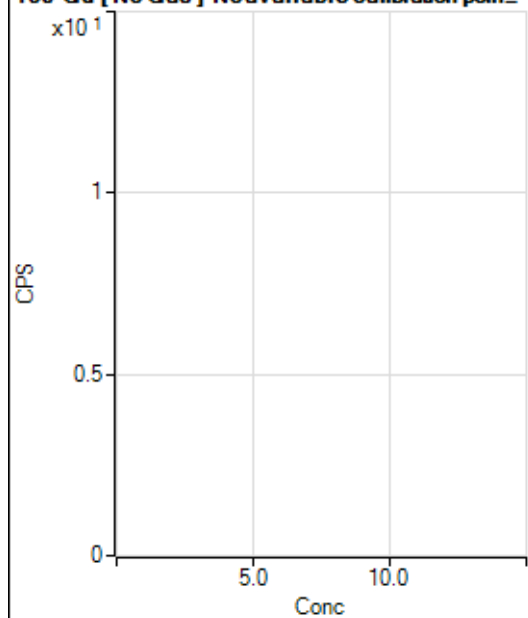
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			8.89		P	21.6
4	☐			6.67		P	86.6
5	☐			21.11		P	39.7
6	☐			33.33		P	30.0
7	☐			44.45		P	37.7
8	☐			87.78		P	4.4

156 Dy [No Gas] No available calibration points

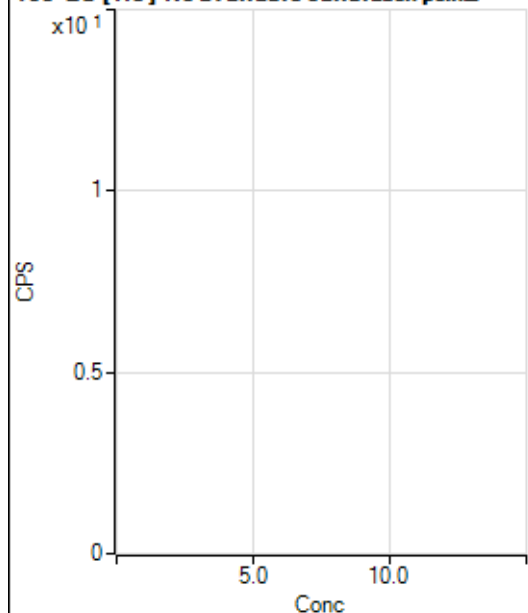
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			15.56		P	32.7
2	☐			31.11		P	12.4
3	☐			44.44		P	38.5
4	☐			75.55		P	35.4
5	☐			113.34		P	20.4
6	☐			214.45		P	17.7
7	☐			408.90		P	13.3
8	☐			637.80		P	7.0

156 Dy [He] No available calibration points

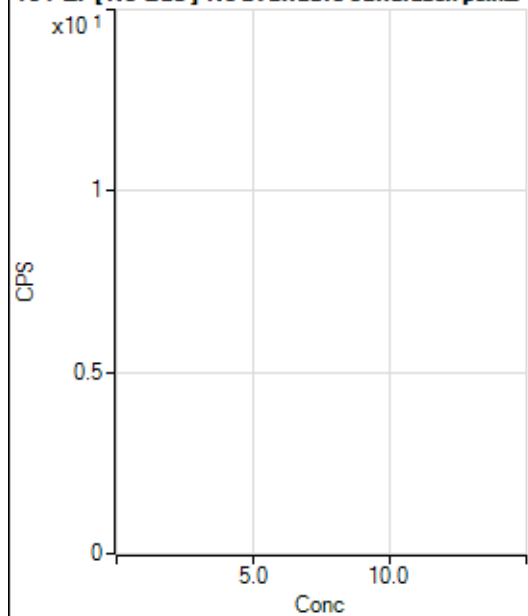
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐			6.67		P	50.0
3	☐			8.89		P	57.3
4	☐			15.56		P	32.7
5	☐			11.11		P	34.6
6	☐			25.56		P	39.8
7	☐			65.56		P	32.7
8	☐			170.00		P	3.4

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

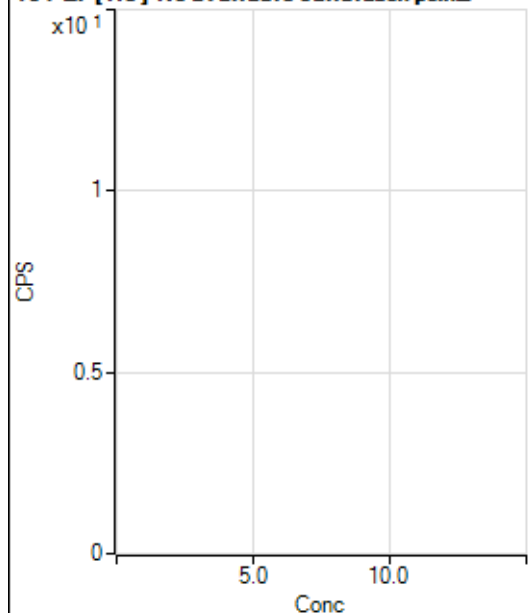
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			96.67		P	12.4
2	☐			90.00		P	3.7
3	☐			92.22		P	19.9
4	☐			133.34		P	12.5
5	☐			154.45		P	21.8
6	☐			154.45		P	2.5
7	☐			276.67		P	7.5
8	☐			696.69		P	3.9

160 Gd [He] No available calibration points

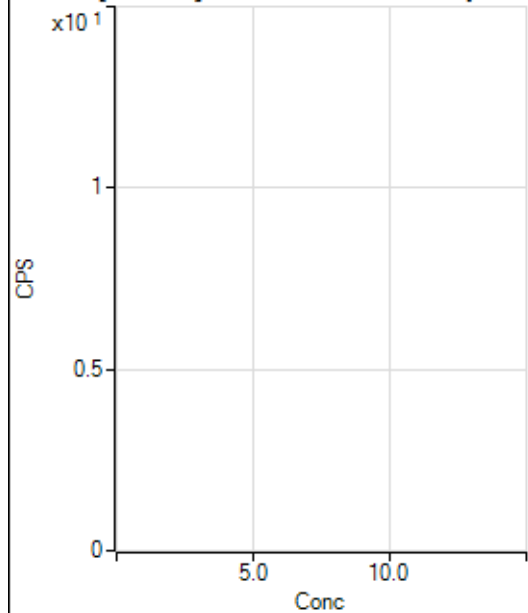
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	25.0
2	☐			23.33		P	37.8
3	☐			16.67		P	20.0
4	☐			18.89		P	56.7
5	☐			30.00		P	33.3
6	☐			48.89		P	3.9
7	☐			75.56		P	16.7
8	☐			238.89		P	11.9

164 Er [No Gas] No available calibration points

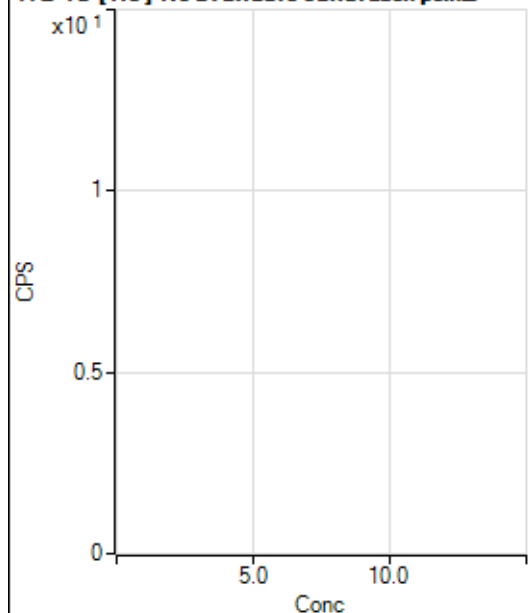
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	11.8
2	☐			87.78		P	9.6
3	☐			127.78		P	29.3
4	☐			140.00		P	17.2
5	☐			171.11		P	4.9
6	☐			183.34		P	11.9
7	☐			283.34		P	11.8
8	☐			708.92		P	6.1

164 Er [He] No available calibration points

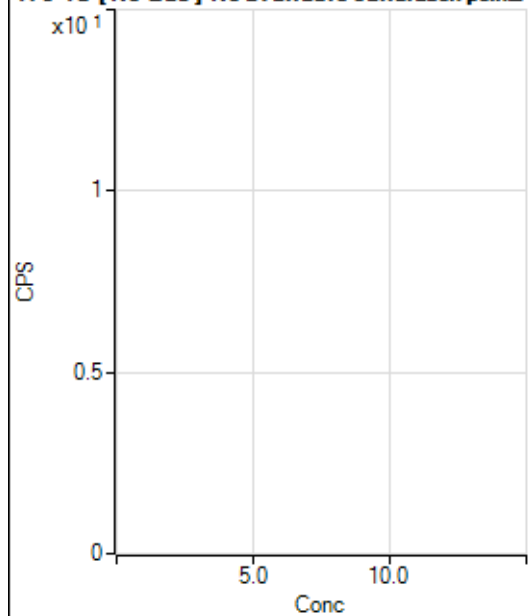
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	6.9
2	☐			42.22		P	16.4
3	☐			47.78		P	10.7
4	☐			25.55		P	27.1
5	☐			50.00		P	17.6
6	☐			68.89		P	17.0
7	☐			100.00		P	15.3
8	☐			215.56		P	5.9

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			114.45		P	8.9
2	☐			125.56		P	18.8
3	☐			110.00		P	23.7
4	☐			137.78		P	11.9
5	☐			163.34		P	14.7
6	☐			206.67		P	8.5
7	☐			295.56		P	14.9
8	☐			788.92		P	12.0

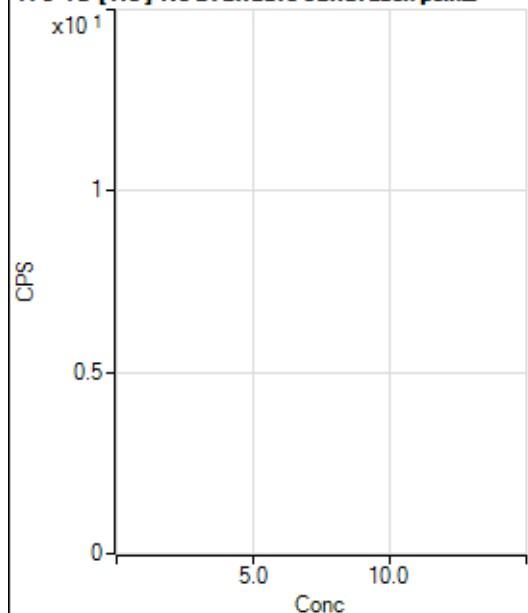
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	18.3
2	☐			38.89		P	32.4
3	☐			51.11		P	29.4
4	☐			43.33		P	13.3
5	☐			73.34		P	35.5
6	☐			82.22		P	16.4
7	☐			111.11		P	15.4
8	☐			288.89		P	10.4

176 Yb [No Gas] No available calibration points

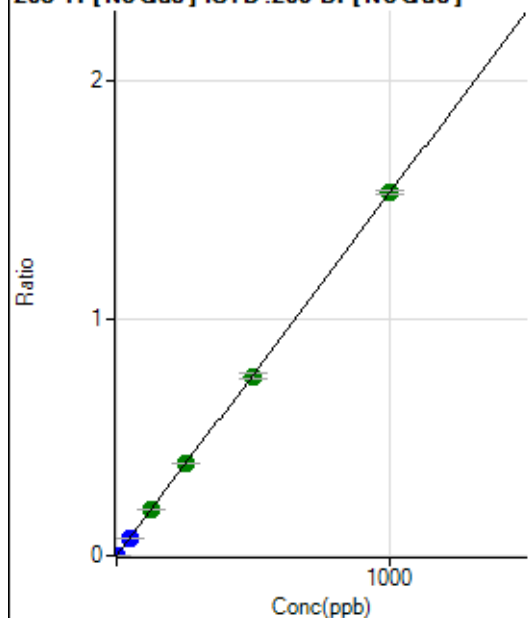
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2601.40		P	5.2
2	☐			2643.63		P	2.5
3	☐			6427.18		P	1.0
4	☐			12444.83		P	1.1
5	☐			22906.63		P	1.8
6	☐			42304.17		P	0.4
7	☐			83560.86		P	0.8
8	☐			2758.09		P	5.0

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			416.68		P	7.6
2	☐			395.57		P	9.8
3	☐			1683.46		P	1.3
4	☐			3816.15		P	2.4
5	☐			7093.07		P	2.6
6	☐			13726.10		P	0.7
7	☐			27013.20		P	0.9
8	☐			523.35		P	5.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0000	P	13.8
2	☐	1.000	0.986	18854.88	0.0015	P	0.5
3	☐	50.000	48.910	919775.82	0.0748	P	1.7
4	☐	125.000	127.134	2374109.65	0.1944	A	1.0
5	☐	250.000	254.074	4679165.28	0.3884	A	0.7
6	☐	500.000	495.889	9058046.46	0.7580	A	2.5
7	☐	1000.000	1000.825	17795416.12	1.5299	A	1.1
8	☐			2105.75	0.0002	P	23.1

$$y = 0.0015 * x + 2.1391E-005$$

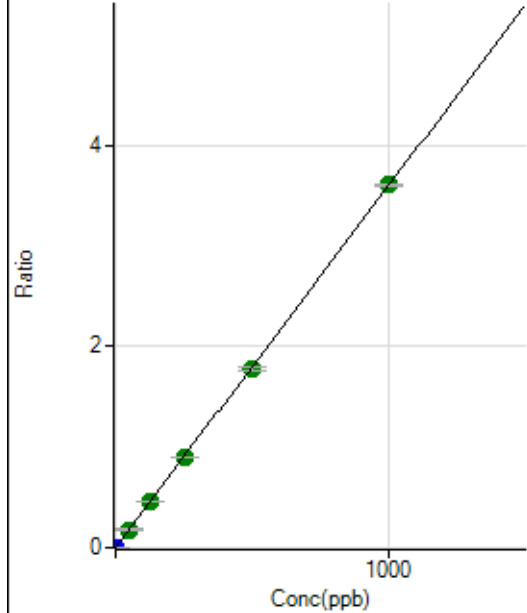
$$R = 1.0000$$

$$DL = 0.005804$$

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	600.02	0.0000	P	4.2
2	☐	1.000	0.986	44351.09	0.0036	P	2.1
3	☐	50.000	50.378	2229910.99	0.1813	A	0.9
4	☐	125.000	126.032	5539479.78	0.4535	A	0.5
5	☐	250.000	251.299	10892656.23	0.9042	A	0.7
6	☐	500.000	494.492	21262087.18	1.7791	A	1.3
7	☐	1000.000	1002.282	41944511.60	3.6060	A	0.8
8	☐			4942.14	0.0005	P	23.8

$$y = 0.0036 * x + 4.9122E-005$$

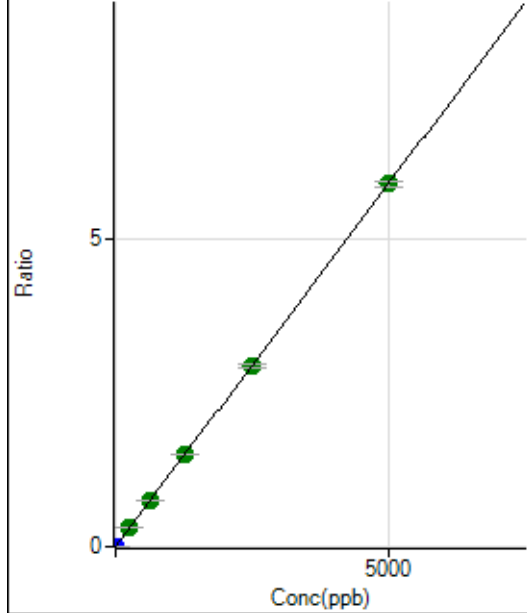
$$R = 1.0000$$

$$DL = 0.001719$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1441.21	0.0001	P	1.9
2	☐	1.000	1.007	16108.98	0.0013	P	2.5
3	☐	250.000	254.666	3697775.12	0.3007	A	1.2
4	☐	625.000	631.542	9105492.44	0.7454	A	1.1
5	☐	1250.000	1268.069	18029221.68	1.4966	A	0.9
6	☐	2500.000	2492.471	35146714.75	2.9415	A	3.0
7	☐	5000.000	4998.196	68607460.09	5.8985	A	1.3
8	☐			21784.02	0.0023	P	6.0

$$y = 0.0012 * x + 1.1798E-004$$

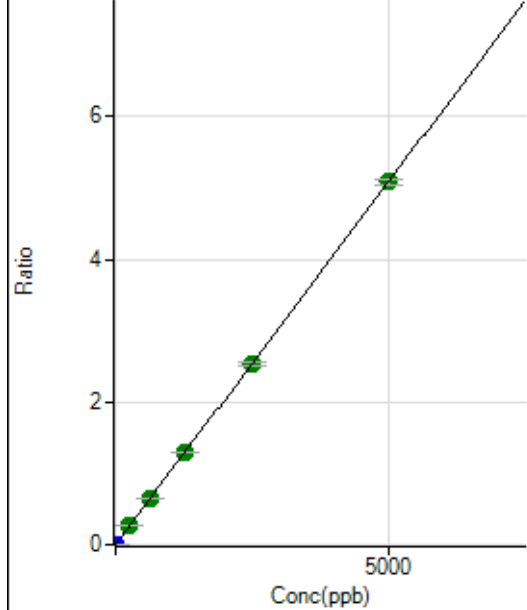
$$R = 1.0000$$

$$DL = 0.005725$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1273.41	0.0001	P	1.4
2	☐	1.000	1.045	14379.19	0.0012	P	3.4
3	☐	250.000	254.405	3182666.20	0.2588	A	1.0
4	☐	625.000	636.162	7902025.92	0.6469	A	0.6
5	☐	1250.000	1268.836	15542303.52	1.2902	A	1.2
6	☐	2500.000	2486.800	30214094.83	2.5285	A	2.4
7	☐	5000.000	5000.276	59131514.68	5.0840	A	1.9
8	☐			18964.03	0.0020	P	7.5

$$y = 0.0010 * x + 1.0424E-004$$

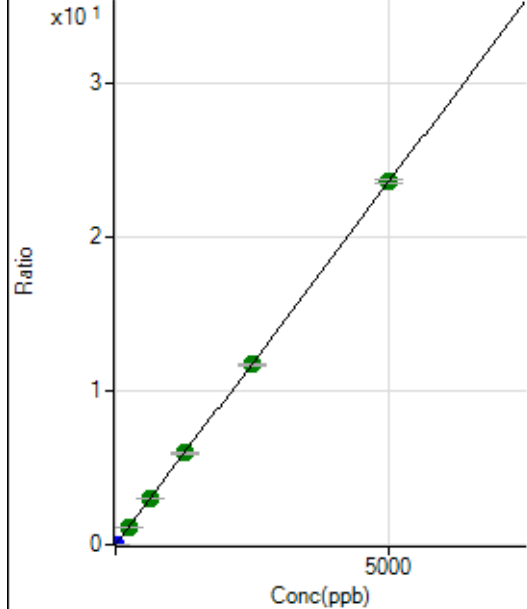
$$R = 1.0000$$

$$DL = 0.004164$$

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	5703.88	0.0005	P	3.2
2	☐	1.000	1.024	65251.42	0.0053	P	1.7
3	☐	250.000	251.272	14568274.54	1.1844	A	0.5
4	☐	625.000	631.717	36365243.49	2.9770	A	0.2
5	☐	1250.000	1261.595	71617304.07	5.9449	A	1.2
6	☐	2500.000	2480.935	139699024.0	11.6903	A	1.9
7	☐	5000.000	5005.730	274350285.9	23.5867	A	1.1
8	☐			87419.74	0.0093	P	6.4

$$y = 0.0047 * x + 4.6697E-004$$

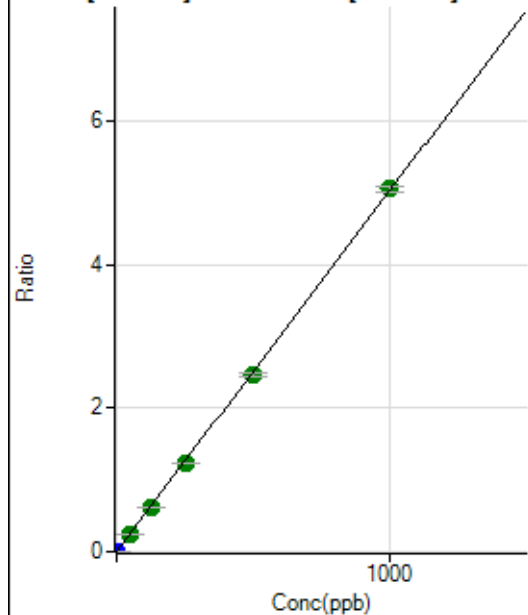
$$R = 1.0000$$

$$DL = 0.009391$$

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	146.67	0.0000	P	22.3
2	☐	1.000	0.985	61130.41	0.0050	P	1.1
3	☐	50.000	49.117	3033679.15	0.2467	A	1.0
4	☐	125.000	122.340	7504251.49	0.6143	A	2.0
5	☐	250.000	245.507	14851732.00	1.2328	A	1.7
6	☐	500.000	490.644	29443949.84	2.4638	A	1.6
7	☐	1000.000	1006.178	58768231.90	5.0526	A	1.5
8	☐			4347.50	0.0005	P	27.9

$$y = 0.0050 * x + 1.2013E-005$$

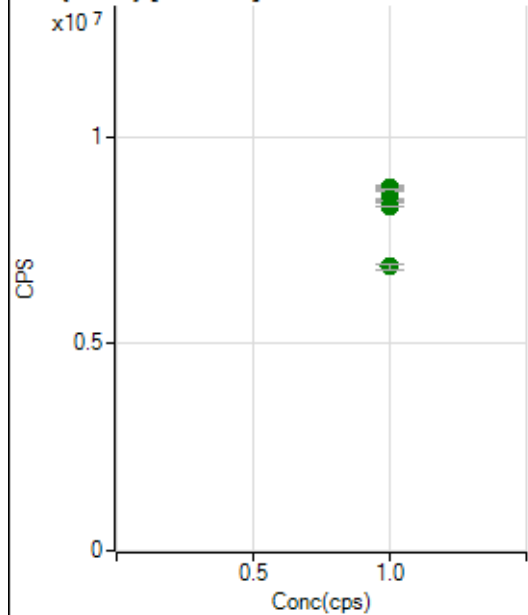
$$R = 0.9999$$

$$DL = 0.0016$$

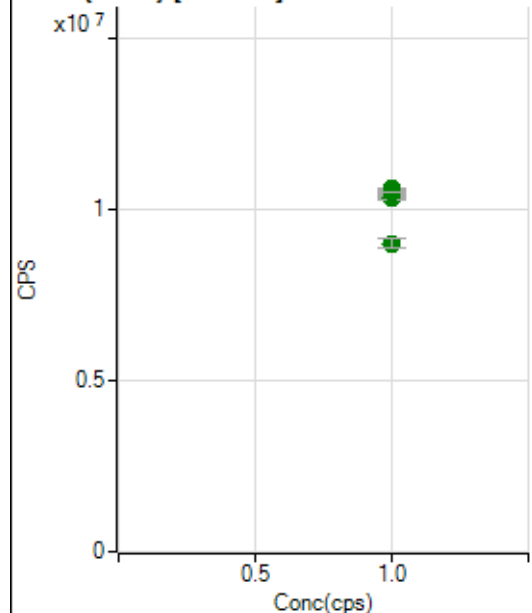
Weight: <None>

Min Conc: 0

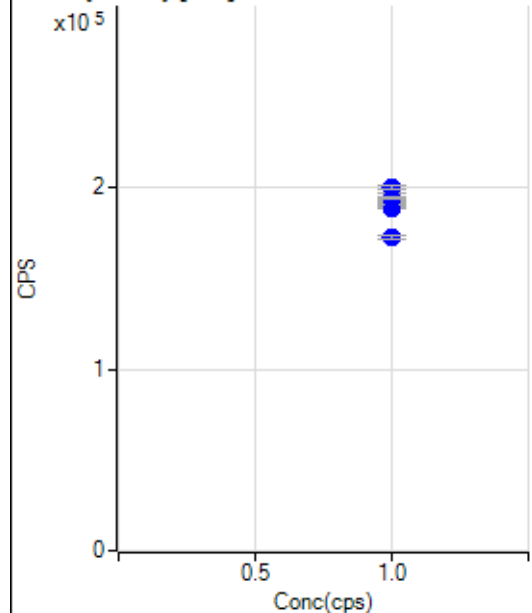
6 Li (ISTD) [No Gas]



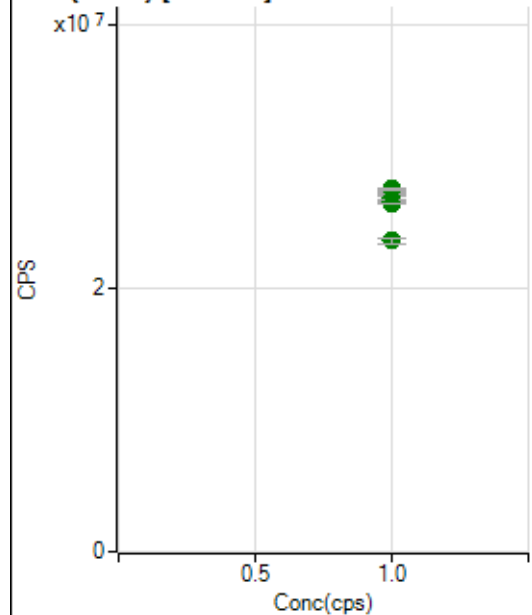
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8749338.53		A	1.3
2	☐	1.000		8755306.64		A	0.1
3	☐	1.000		8703403.55		A	0.3
4	☐	1.000		8496925.50		A	0.2
5	☐	1.000		8434651.72		A	1.0
6	☐	1.000		8456238.61		A	0.3
7	☐	1.000		8319306.46		A	0.2
8	☐	1.000		6850418.55		A	1.8

45 Sc (ISTD) [No Gas]

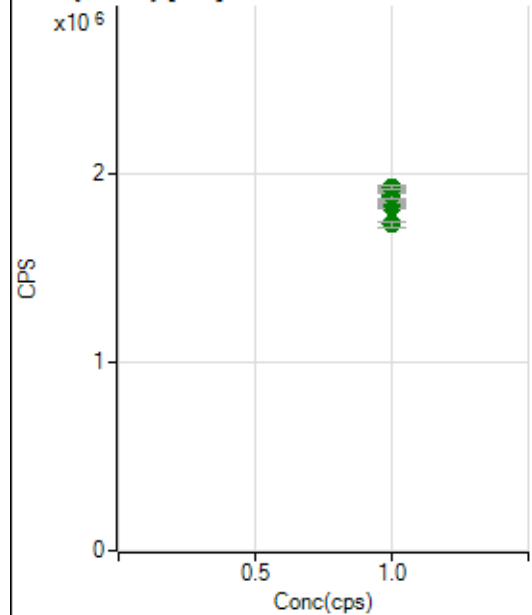
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10307349.01		A	0.3
2	☐	1.000		10314932.42		A	1.1
3	☐	1.000		10396492.90		A	1.6
4	☐	1.000		10336063.94		A	0.8
5	☐	1.000		10499062.97		A	0.7
6	☐	1.000		10597020.54		A	0.9
7	☐	1.000		10505883.94		A	0.5
8	☐	1.000		9007472.71		A	2.9

45 Sc (ISTD) [He]

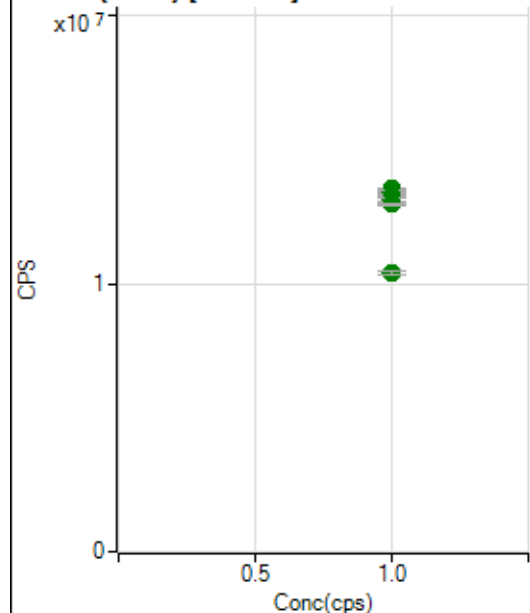
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		188743.15		P	0.6
2	☐	1.000		194495.90		P	2.7
3	☐	1.000		190108.34		P	0.2
4	☐	1.000		190818.94		P	0.5
5	☐	1.000		193616.40		P	0.6
6	☐	1.000		194010.69		P	0.4
7	☐	1.000		199733.19		P	1.1
8	☐	1.000		172818.44		P	1.2

89 Y (ISTD) [No Gas]

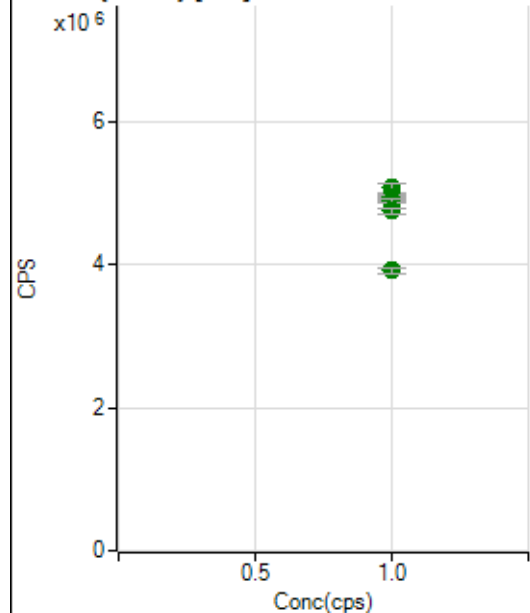
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26514125.71		A	0.5
2	☐	1.000		26576919.33		A	0.8
3	☐	1.000		26835071.55		A	1.0
4	☐	1.000		26648809.33		A	1.1
5	☐	1.000		27261466.54		A	0.7
6	☐	1.000		27146518.48		A	0.2
7	☐	1.000		27567807.37		A	0.3
8	☐	1.000		23617476.32		A	2.0

89 Y (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1822015.84		A	0.6
2	☐	1.000		1876735.95		A	2.7
3	☐	1.000		1844202.07		A	1.0
4	☐	1.000		1851342.85		A	0.6
5	☐	1.000		1879639.80		A	1.3
6	☐	1.000		1921492.99		A	0.7
7	☐	1.000		1920951.20		A	1.1
8	☐	1.000		1727542.66		A	1.8

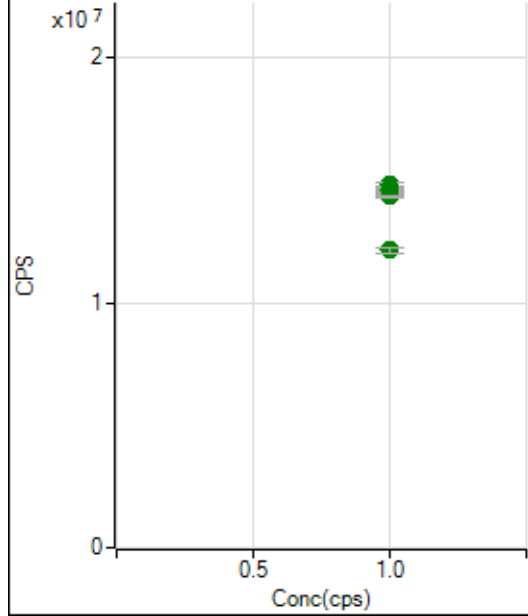
103 Rh (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13468323.69		A	0.8
2	☐	1.000		13547108.83		A	0.7
3	☐	1.000		13388965.22		A	0.3
4	☐	1.000		13434932.58		A	1.2
5	☐	1.000		13268684.52		A	0.2
6	☐	1.000		13132212.72		A	1.3
7	☐	1.000		12970077.58		A	0.7
8	☐	1.000		10386987.69		A	1.5

103 Rh (ISTD) [He]

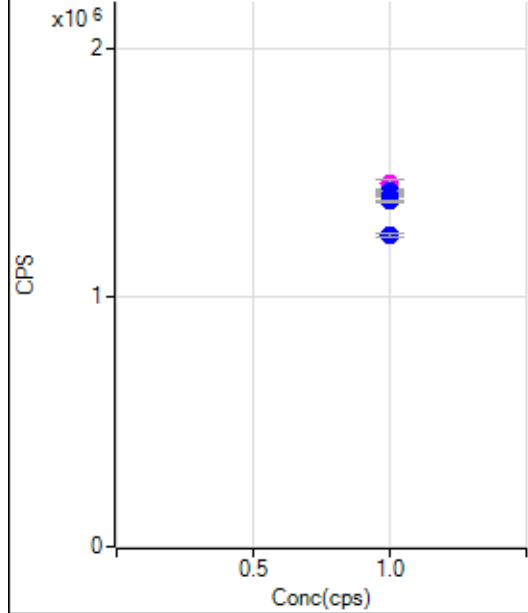
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4963818.78		A	0.6
2	☐	1.000		5079028.08		A	2.5
3	☐	1.000		4954857.39		A	0.7
4	☐	1.000		4920791.11		A	1.2
5	☐	1.000		4950184.16		A	0.7
6	☐	1.000		4898591.73		A	1.0
7	☐	1.000		4755307.88		A	1.8
8	☐	1.000		3918102.10		A	1.7

115 In (ISTD) [No Gas]

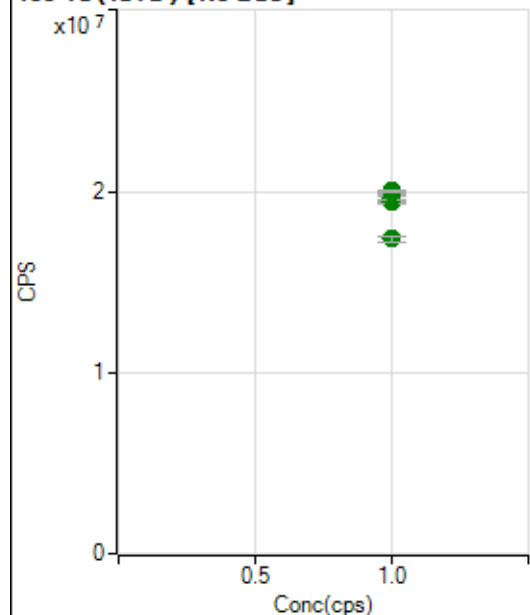


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14579367.27		A	0.3
2	☐	1.000		14647545.57		A	0.4
3	☐	1.000		14802427.61		A	1.0
4	☐	1.000		14657396.48		A	1.0
5	☐	1.000		14573952.12		A	1.3
6	☐	1.000		14494904.68		A	0.8
7	☐	1.000		14330857.18		A	0.7
8	☐	1.000		12121881.65		A	1.4

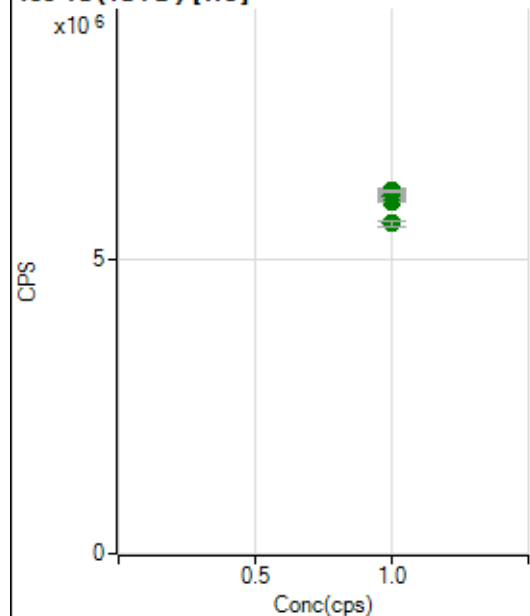
115 In (ISTD) [He]



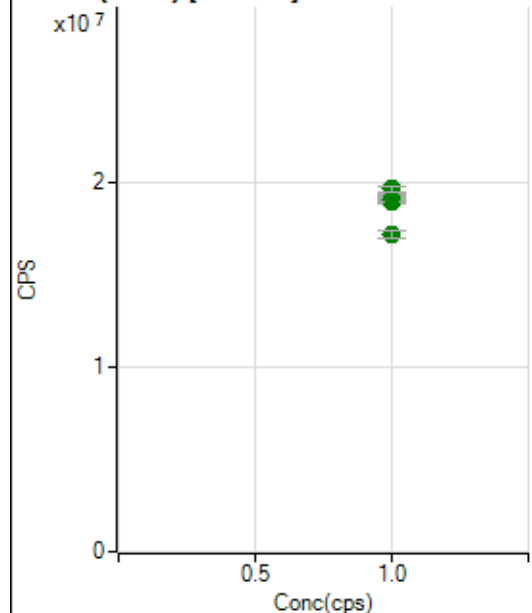
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1409801.56		P	0.5
2	☐	1.000		1454467.02		M	2.5
3	☐	1.000		1428113.34		P	0.2
4	☐	1.000		1422676.91		P	0.8
5	☐	1.000		1424079.18		P	0.7
6	☐	1.000		1404991.76		P	0.1
7	☐	1.000		1383906.16		P	0.3
8	☐	1.000		1247944.41		P	1.3

159 Tb (ISTD) [No Gas]

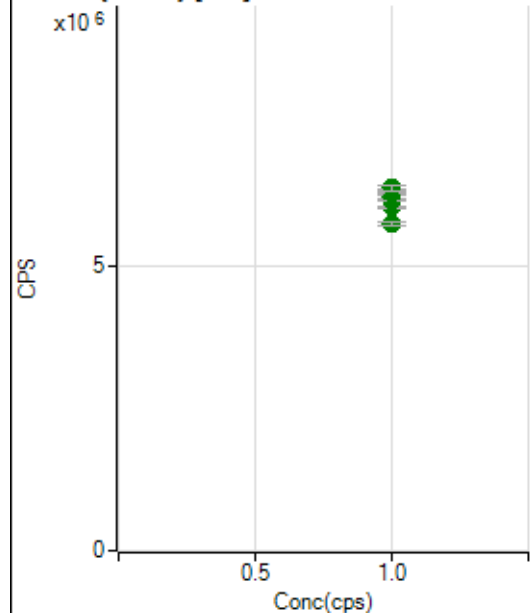
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19414855.40		A	0.4
2	☐	1.000		19447034.57		A	1.2
3	☐	1.000		19678241.37		A	1.1
4	☐	1.000		19628274.15		A	1.0
5	☐	1.000		19900629.98		A	0.4
6	☐	1.000		20013589.15		A	0.5
7	☐	1.000		20022576.92		A	0.5
8	☐	1.000		17352238.63		A	2.0

159 Tb (ISTD) [He]

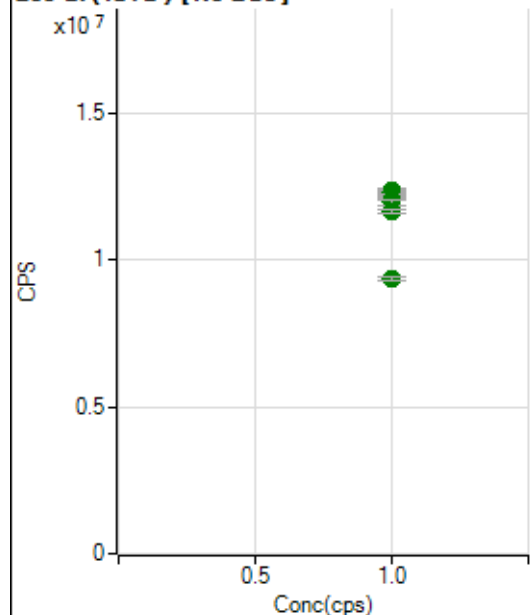
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5996544.63		A	0.8
2	☐	1.000		6148342.27		A	2.4
3	☐	1.000		6071832.20		A	0.8
4	☐	1.000		6080305.54		A	1.1
5	☐	1.000		6165550.74		A	1.6
6	☐	1.000		6162174.70		A	0.8
7	☐	1.000		6157028.52		A	0.5
8	☐	1.000		5615472.07		A	1.7

165 Ho (ISTD) [No Gas]

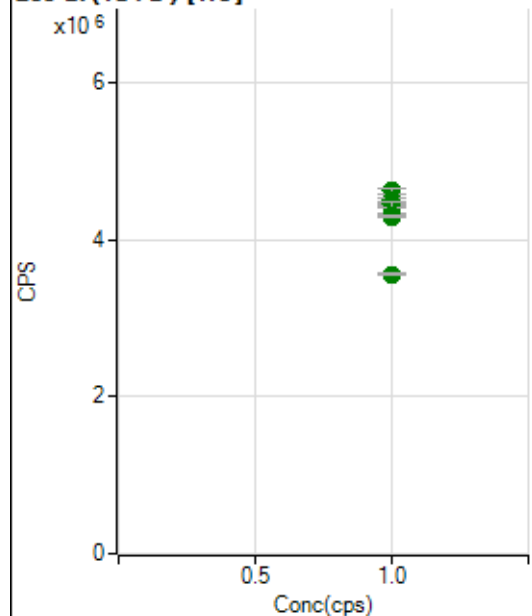
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19009008.47		A	0.7
2	☐	1.000		19120141.38		A	1.1
3	☐	1.000		19310267.21		A	1.1
4	☐	1.000		19351499.02		A	0.6
5	☐	1.000		19524832.21		A	0.4
6	☐	1.000		19481702.21		A	0.8
7	☐	1.000		19697730.54		A	1.4
8	☐	1.000		17223702.24		A	2.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6055879.91		A	0.6
2	☐	1.000		6222770.95		A	1.7
3	☐	1.000		6168107.34		A	0.5
4	☐	1.000		6221970.46		A	1.9
5	☐	1.000		6309187.20		A	0.3
6	☐	1.000		6323287.20		A	1.0
7	☐	1.000		6388061.02		A	1.5
8	☐	1.000		5752489.98		A	1.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12216358.71		A	0.9
2	☐	1.000		12331346.21		A	0.9
3	☐	1.000		12300237.59		A	1.1
4	☐	1.000		12215257.73		A	0.3
5	☐	1.000		12047291.49		A	0.5
6	☐	1.000		11952695.52		A	1.7
7	☐	1.000		11632398.30		A	1.1
8	☐	1.000		9349372.98		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4475536.25		A	0.9
2	☐	1.000		4627261.39		A	1.8
3	☐	1.000		4515747.50		A	1.0
4	☐	1.000		4439609.00		A	0.4
5	☐	1.000		4455575.18		A	1.4
6	☐	1.000		4319612.57		A	0.8
7	☐	1.000		4300545.11		A	0.6
8	☐	1.000		3560257.66		A	0.9

US EPA Tune Check Report

Operator Name Jaswal

Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8011725MS-3.b

Acq. Date-Time 2025-01-17 11:46:42

Report Comment ---

Instrument Name G8403A SG19224459

[No Gas]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
9		40396	403960.77			0.103	5.000
24		722680	7226803.70			0.667	5.000
25		98129	981290.41			0.656	5.000
26		112132	1121316.94			0.730	5.000
59		165175	1651749.20			0.445	5.000
113		20481	204808.26			0.169	5.000
115		265760	2657598.96			0.476	5.000
206		62757	627571.02			0.193	5.000
207		54756	547557.14			0.232	5.000
208		135462	1354620.68			0.850	5.000
220		0	3.30			56.285	

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

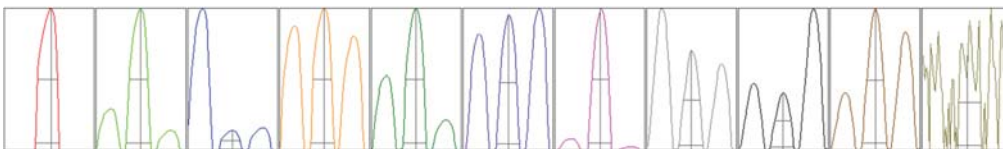
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	40326	40402	40401	40415	40436
24	723307	725334	714202	725442	725117
25	98788	97468	98494	97407	98488
26	112717	111664	113026	112260	110991
59	165533	165575	164200	165954	164613
113	20503	20518	20448	20494	20440
115	267606	266492	265279	264622	264802
206	62688	62737	62636	62770	62954
207	54818	54687	54567	54824	54882
208	133994	135413	135665	137179	135060

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	65882.41	9.10	8.90 - 9.10	
24	1228125.47	24.00	23.90 - 24.10	
25	167240.30	25.00	24.90 - 25.10	
26	190673.25	26.00	25.90 - 26.10	
59	290871.55	59.00	58.90 - 59.10	
113	39113.53	113.05	112.90 - 113.10	
115	505276.23	115.05	114.90 - 115.10	
206	120709.99	206.00	205.90 - 206.10	
207	103906.56	207.00	206.90 - 207.10	
208	253256.59	208.05	207.90 - 208.10	
220	0.40	220.05	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.66	0.788	0.900	
24	0.62	0.826	0.900	
25	0.63	0.780	0.900	
26	0.63	0.783	0.900	
59	0.60	0.778	0.900	
113	0.55	0.766	0.900	
115	0.55	0.769	0.900	
206	0.54	0.810	0.900	
207	0.54	0.785	0.900	
208	0.54	0.821	0.900	
220	0.73	0.793		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.78 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	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.5 V	Deflect	15.4 V
Extract 2	-150.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-75 V	Cell Exit	-50 V		

Cell Parameters

Use Gas	No	3rd Gas Flow	---	Energy Discrimination	4.0 V
He Flow	0.0 mL/min	OctP Bias	-8.0 V		
H2 Flow	---	OctP RF	190 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9964	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.4 mm	Torch V	1.6 mm
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EM

Discriminator	4.0 mV	Analog HV	2170 V	Pulse HV	1058 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		29102	291020.07			0.533	
89		22466	224664.89			0.840	
205		34235	342348.89			0.615	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	29346	29096	29039	28921	29108
89	22685	22343	22386	22269	22650
205	34598	34144	34202	34053	34178

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.78 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.80 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	9.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.5 V	Deflect	2.6 V
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US EPA Tune Check Report

Extract 2	-150.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-75 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	103	Axis Gain	0.9964	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.03		
Hardware Settings					
Torch					
Torch H	-0.4 mm	Torch V	1.6 mm		
EM					
Discriminator	4.0 mV	Analog HV	2170 V	Pulse HV	1058 V

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:32:13 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.19	0.45	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	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.01	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	-0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	0.72	-0.08	-0.64	0.00	N/A	ppb
Cadmium	111-1	0.02	0.00	-0.02	0.00	N/A	ppb
Calcium	43-1	1.33	-0.51	-0.82	0.00	N/A	ppb
Calcium	44-1	-0.30	-0.08	0.38	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.34	-0.17	-0.17	0.00	N/A	ppb
Iron	56-2	-0.11	0.06	0.05	0.00	N/A	ppb
Iron	57-2	0.04	-0.16	0.11	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:32:13 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	-0.24	0.25	0.00	N/A	ppb
Manganese	55-2	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	0.05	0.00	N/A	ppb
Phosphorus	31-2	-17.34	-19.28	-20.36	-18.99		ppb
Potassium	39-2	0.93	0.46	-1.39	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.12	-0.20	0.07	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.39	-0.31	-0.08	0.00	N/A	ppb
Silicon	28-1	0.09	-0.09	-0.01	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	0.10	0.06	-0.15	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-15.02	5.14	-37.23	-15.71		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

S00

Instrumnet Name :

P8

Client Sample ID :

S0

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 12:32:13

DataFile Name :

004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.07	-0.05	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired :	2025-01-17 12:38:57	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.47	20.33	17.47	19.09	7.68	ppb
Antimony	121-1	2.10	2.13	2.13	2.12	0.84	ppb
Arsenic	75-2	1.05	1.01	0.96	1.01	4.53	ppb
Barium	135-1	10.94	10.31	10.83	10.69	3.12	ppb
Barium	137-1	10.81	10.62	10.73	10.72	0.87	ppb
Beryllium	9-1	1.07	1.07	1.08	1.08	0.50	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.94	1.27	1.24	1.15	15.98	ppb
Cadmium	106-1	1.50	1.05	0.47	1.01	51.09	ppb
Cadmium	111-1	1.20	1.12	1.10	1.14	4.58	ppb
Calcium	43-1	547.46	541.73	551.31	546.83	0.88	ppb
Calcium	44-1	544.98	534.03	542.32	540.44	1.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.09	2.09	1.99	2.06	2.54	ppb
Cobalt	59-2	1.10	1.17	1.10	1.12	3.35	ppb
Copper	63-2	2.26	2.40	2.18	2.28	4.87	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				101		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	54-2	59.53	61.69	58.21	59.81	2.93	ppb
Iron	56-2	56.77	59.78	55.49	57.35	3.84	ppb
Iron	57-2	57.14	57.85	53.58	56.19	4.07	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.04	0.99	1.01	2.76	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:38:57 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.00	1.08	1.05	1.04	3.71	ppb
Lead	208-1	1.01	1.05	1.01	1.02	1.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	607.59	627.55	589.47	608.20	3.13	ppb
Manganese	55-2	1.09	1.16	1.02	1.09	6.64	ppb
Molybdenum	94-1	6.23	6.10	6.37	6.23	2.20	ppb
Molybdenum	95-1	5.27	5.20	5.34	5.27	1.28	ppb
Molybdenum	96-1	5.29	5.26	5.33	5.29	0.65	ppb
Molybdenum	97-1	5.29	5.22	5.33	5.28	1.02	ppb
Molybdenum	98-1	5.18	5.20	5.31	5.23	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.14	0.96	1.08	9.51	ppb
Phosphorus	31-2	18.25	22.88	15.85	18.99	18.81	ppb
Potassium	39-2	513.34	523.21	494.57	510.37	2.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	5.42	5.28	5.27	5.32	1.55	ppb
Selenium	77-2	7.50	5.42	6.60	6.51	16.10	ppb
Selenium	78-2	6.47	6.21	5.87	6.18	4.84	ppb
Silicon	28-1	2.59	2.38	2.83	2.60	8.71	ppb
Silver	107-1	1.06	1.07	1.07	1.06	0.76	ppb
Silver	109-1	1.09	1.05	1.09	1.08	2.21	ppb
Sodium	23-2	557.66	574.91	535.17	555.92	3.58	ppb
Strontium	86-1	1.00	1.04	0.98	1.01	2.78	ppb
Strontium	88-1	1.01	1.02	1.02	1.02	0.90	ppb
Sulfur	34-1	15.28	-66.79	98.63	15.71	526.63	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.98	0.99	0.99	0.99	0.50	ppb
Thallium	205-1	0.97	1.01	0.98	0.99	2.13	ppb
Tin	118-1	5.46	5.23	5.31	5.34	2.18	ppb
Titanium	47-1	5.38	5.23	5.46	5.36	2.19	ppb
Uranium	238-1	0.98	1.00	0.98	0.98	1.15	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

S02

Instrumnet Name :

P8

Client Sample ID :

S02

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 12:38:57

DataFile Name :

006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.14	5.39	5.03	5.19	3.55	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	5.47	5.81	5.10	5.46	6.51	ppb
Zirconium	90-1	1.06	1.05	1.07	1.06	0.69	ppb
Zirconium	91-1	1.00	1.04	0.98	1.00	3.18	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:42:17 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1022.82	1015.50	1020.41	1019.58	0.37	ppb
Antimony	121-1	50.61	51.62	50.68	50.97	1.11	ppb
Arsenic	75-2	51.31	50.71	53.19	51.73	2.50	ppb
Barium	135-1	251.76	255.42	250.07	252.42	1.08	ppb
Barium	137-1	256.74	264.83	256.09	259.22	1.88	ppb
Beryllium	9-1	52.37	52.79	52.33	52.50	0.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	55.02	53.83	53.60	54.15	1.41	ppb
Cadmium	106-1	54.74	54.63	52.06	53.81	2.82	ppb
Cadmium	111-1	51.97	53.29	52.80	52.69	1.26	ppb
Calcium	43-1	5048.64	5212.63	5099.67	5120.31	1.64	ppb
Calcium	44-1	5085.90	5218.27	5022.95	5109.04	1.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.20	52.24	51.98	52.14	0.27	ppb
Cobalt	59-2	54.43	54.35	54.32	54.37	0.10	ppb
Copper	63-2	569.04	563.04	567.15	566.41	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2788.95	2796.46	2786.07	2790.49	0.19	ppb
Iron	56-2	2732.61	2757.63	2777.45	2755.90	0.82	ppb
Iron	57-2	2734.41	2733.09	2730.43	2732.64	0.07	ppb
Krypton	83-1						cps
Lead	206-1	252.65	253.09	258.26	254.67	1.22	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:42:17 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	253.28	252.73	257.20	254.41	0.96	ppb
Lead	208-1	249.79	252.07	251.96	251.27	0.51	ppb
Lithium	6-1				99		%
Magnesium	24-2	5913.14	6064.41	5903.26	5960.27	1.52	ppb
Manganese	55-2	524.34	525.45	527.47	525.75	0.30	ppb
Molybdenum	94-1	501.38	519.76	513.97	511.70	1.84	ppb
Molybdenum	95-1	503.90	520.29	510.72	511.63	1.61	ppb
Molybdenum	96-1	505.42	510.22	517.38	511.00	1.18	ppb
Molybdenum	97-1	504.55	506.98	518.86	510.13	1.50	ppb
Molybdenum	98-1	498.18	506.14	510.83	505.05	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.62	53.96	53.88	54.15	0.76	ppb
Phosphorus	31-2	1025.39	1075.71	1022.45	1041.18	2.88	ppb
Potassium	39-2	2519.19	2547.59	2530.68	2532.49	0.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	53.64	52.55	54.35	53.52	1.70	ppb
Selenium	77-2	56.92	48.45	49.31	51.56	9.05	ppb
Selenium	78-2	55.74	52.80	50.95	53.16	4.54	ppb
Silicon	28-1	64.19	68.49	65.26	65.98	3.39	ppb
Silver	107-1	52.78	53.64	52.94	53.12	0.86	ppb
Silver	109-1	53.68	54.20	53.10	53.66	1.02	ppb
Sodium	23-2	5395.98	5508.50	5492.89	5465.79	1.12	ppb
Strontium	86-1	50.00	51.11	51.40	50.84	1.45	ppb
Strontium	88-1	51.06	52.25	52.12	51.81	1.26	ppb
Sulfur	34-1	1251.11	1347.56	1083.96	1227.54	10.86	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	48.09	48.89	49.75	48.91	1.70	ppb
Thallium	205-1	49.87	50.63	50.64	50.38	0.87	ppb
Tin	118-1	51.45	52.38	51.71	51.85	0.92	ppb
Titanium	47-1	514.18	533.26	510.97	519.47	2.32	ppb
Uranium	238-1	48.72	48.97	49.67	49.12	1.00	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

S03

Instrumnet Name :

P8

Client Sample ID :

S03

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 12:42:17

DataFile Name :

007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	51.46	51.48	51.59	51.51	0.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	548.93	548.08	546.85	547.95	0.19	ppb
Zirconium	90-1	50.66	52.30	51.51	51.49	1.60	ppb
Zirconium	91-1	48.67	49.39	50.66	49.57	2.02	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2548.34	2559.40	2554.21	2553.98	0.22	ppb
Antimony	121-1	130.18	133.52	134.61	132.77	1.74	ppb
Arsenic	75-2	132.62	133.77	135.03	133.81	0.90	ppb
Barium	135-1	651.60	660.30	662.92	658.27	0.90	ppb
Barium	137-1	641.38	646.40	666.18	651.32	2.01	ppb
Beryllium	9-1	132.63	132.53	132.32	132.49	0.12	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	134.85	136.89	138.09	136.61	1.20	ppb
Cadmium	106-1	132.25	134.37	136.37	134.33	1.53	ppb
Cadmium	111-1	132.59	133.18	136.38	134.05	1.52	ppb
Calcium	43-1	12695.29	13011.88	13061.01	12922.73	1.54	ppb
Calcium	44-1	12869.79	12945.06	12860.39	12891.75	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.08	130.75	130.91	130.58	0.34	ppb
Cobalt	59-2	134.77	136.87	137.12	136.25	0.95	ppb
Copper	63-2	1389.38	1403.82	1407.83	1400.34	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	6928.33	7064.79	7059.46	7017.53	1.10	ppb
Iron	56-2	6784.91	7024.32	6900.34	6903.19	1.73	ppb
Iron	57-2	6729.87	6857.37	6822.68	6803.31	0.97	ppb
Krypton	83-1						cps
Lead	206-1	628.24	639.21	627.18	631.54	1.05	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	640.42	634.20	633.86	636.16	0.58	ppb
Lead	208-1	631.32	632.94	630.88	631.72	0.17	ppb
Lithium	6-1				97		%
Magnesium	24-2	14741.42	15150.43	14919.40	14937.08	1.37	ppb
Manganese	55-2	1358.82	1366.85	1367.81	1364.50	0.36	ppb
Molybdenum	94-1	1305.72	1282.93	1282.22	1290.29	1.04	ppb
Molybdenum	95-1	1306.25	1290.54	1283.79	1293.52	0.89	ppb
Molybdenum	96-1	1302.49	1291.68	1286.03	1293.40	0.65	ppb
Molybdenum	97-1	1319.23	1291.34	1282.91	1297.83	1.46	ppb
Molybdenum	98-1	1307.93	1275.53	1297.17	1293.54	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.32	134.67	135.72	134.57	0.89	ppb
Phosphorus	31-2	2669.68	2667.42	2719.69	2685.60	1.10	ppb
Potassium	39-2	6322.99	6436.13	6395.97	6385.03	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	136.63	132.87	134.09	134.53	1.43	ppb
Selenium	77-2	137.10	144.31	129.70	137.04	5.33	ppb
Selenium	78-2	131.56	140.68	136.72	136.32	3.35	ppb
Silicon	28-1	146.89	151.33	149.96	149.39	1.52	ppb
Silver	107-1	132.76	136.23	138.53	135.84	2.14	ppb
Silver	109-1	137.47	137.64	138.55	137.89	0.42	ppb
Sodium	23-2	13453.93	13564.57	13760.46	13592.99	1.14	ppb
Strontium	86-1	128.99	128.44	129.81	129.08	0.54	ppb
Strontium	88-1	130.67	128.47	130.14	129.76	0.89	ppb
Sulfur	34-1	3097.43	3211.67	3177.77	3162.29	1.86	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	128.42	126.02	126.96	127.13	0.95	ppb
Thallium	205-1	125.38	126.50	126.21	126.03	0.46	ppb
Tin	118-1	128.42	131.90	133.96	131.43	2.13	ppb
Titanium	47-1	1278.43	1302.19	1309.92	1296.85	1.27	ppb
Uranium	238-1	122.00	120.14	124.88	122.34	1.95	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	128.65	130.19	130.06	129.63	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	1355.02	1381.63	1381.99	1372.88	1.13	ppb
Zirconium	90-1	130.64	129.85	127.04	129.17	1.46	ppb
Zirconium	91-1	125.88	125.05	124.48	125.14	0.56	ppb

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired :	2025-01-17 12:48:21	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4988.87	4966.49	4960.50	4971.95	0.30	ppb
Antimony	121-1	257.90	256.19	260.44	258.18	0.83	ppb
Arsenic	75-2	267.05	258.43	260.58	262.02	1.71	ppb
Barium	135-1	1256.03	1260.60	1282.75	1266.46	1.13	ppb
Barium	137-1	1256.79	1253.74	1284.03	1264.85	1.32	ppb
Beryllium	9-1	259.36	266.11	262.81	262.76	1.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	263.75	259.16	266.31	263.08	1.38	ppb
Cadmium	106-1	258.97	257.86	265.05	260.63	1.49	ppb
Cadmium	111-1	256.29	258.48	262.41	259.06	1.20	ppb
Calcium	43-1	25447.92	26177.19	25734.67	25786.60	1.42	ppb
Calcium	44-1	25374.88	25552.03	25448.41	25458.44	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	256.30	253.07	257.80	255.72	0.95	ppb
Cobalt	59-2	268.50	262.52	268.68	266.57	1.32	ppb
Copper	63-2	2751.53	2687.51	2718.98	2719.34	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	13828.91	13559.85	13924.12	13770.96	1.37	ppb
Iron	56-2	13666.08	13521.50	13617.60	13601.73	0.54	ppb
Iron	57-2	13406.00	13294.64	13463.14	13387.93	0.64	ppb
Krypton	83-1						cps
Lead	206-1	1257.93	1266.81	1279.47	1268.07	0.85	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:48:21 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1251.67	1277.31	1277.53	1268.84	1.17	ppb
Lead	208-1	1244.64	1269.15	1270.99	1261.60	1.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	28657.59	28283.03	28625.87	28522.16	0.73	ppb
Manganese	55-2	2689.74	2598.30	2667.71	2651.92	1.80	ppb
Molybdenum	94-1	2564.42	2541.30	2500.44	2535.39	1.28	ppb
Molybdenum	95-1	2551.93	2530.91	2497.40	2526.75	1.09	ppb
Molybdenum	96-1	2504.67	2539.33	2465.92	2503.31	1.47	ppb
Molybdenum	97-1	2503.34	2550.75	2471.94	2508.68	1.58	ppb
Molybdenum	98-1	2514.08	2515.81	2491.90	2507.26	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.88	256.99	262.43	260.44	1.15	ppb
Phosphorus	31-2	5193.23	5298.14	5208.61	5233.33	1.08	ppb
Potassium	39-2	12601.38	12411.39	12847.11	12619.96	1.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	260.53	263.09	262.90	262.17	0.55	ppb
Selenium	77-2	259.99	255.13	268.95	261.35	2.68	ppb
Selenium	78-2	266.47	258.77	252.71	259.32	2.66	ppb
Silicon	28-1	323.71	328.16	325.82	325.90	0.68	ppb
Silver	107-1	263.17	263.06	267.34	264.52	0.92	ppb
Silver	109-1	264.88	261.76	263.58	263.41	0.60	ppb
Sodium	23-2	26758.40	26684.30	26711.25	26717.99	0.14	ppb
Strontium	86-1	258.28	258.39	260.83	259.17	0.56	ppb
Strontium	88-1	250.05	253.24	254.68	252.66	0.94	ppb
Sulfur	34-1	6057.91	6031.53	5932.25	6007.23	1.10	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	253.96	252.27	256.00	254.07	0.74	ppb
Thallium	205-1	250.44	250.19	253.26	251.30	0.68	ppb
Tin	118-1	259.16	257.25	257.73	258.05	0.38	ppb
Titanium	47-1	2510.81	2545.45	2519.51	2525.26	0.71	ppb
Uranium	238-1	241.91	249.96	244.65	245.51	1.67	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:48:21 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	256.38	253.63	256.14	255.38	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	2680.74	2653.69	2678.73	2671.05	0.56	ppb
Zirconium	90-1	254.01	252.96	252.28	253.08	0.34	ppb
Zirconium	91-1	251.75	256.27	252.61	253.54	0.95	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9721.22	9757.01	9714.69	9730.97	0.23	ppb
Antimony	121-1	501.90	504.48	504.87	503.75	0.32	ppb
Arsenic	75-2	502.81	498.35	501.98	501.05	0.47	ppb
Barium	135-1	2485.82	2520.57	2519.54	2508.64	0.79	ppb
Barium	137-1	2474.27	2517.25	2503.39	2498.30	0.88	ppb
Beryllium	9-1	509.30	501.84	504.55	505.23	0.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	499.82	503.34	509.98	504.38	1.02	ppb
Cadmium	106-1	505.44	510.37	505.73	507.18	0.55	ppb
Cadmium	111-1	511.85	513.15	521.09	515.37	0.97	ppb
Calcium	43-1	50174.68	50284.43	49680.58	50046.56	0.64	ppb
Calcium	44-1	49327.35	50596.32	49579.88	49834.52	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.89	511.21	509.36	514.82	1.54	ppb
Cobalt	59-2	519.64	523.08	532.39	525.04	1.26	ppb
Copper	63-2	5232.44	5220.43	5256.32	5236.40	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	54-2	27206.84	26872.99	27082.69	27054.17	0.62	ppb
Iron	56-2	26477.36	26234.50	26470.59	26394.15	0.52	ppb
Iron	57-2	26983.12	26441.47	26574.97	26666.52	1.06	ppb
Krypton	83-1						cps
Lead	206-1	2417.26	2564.88	2495.27	2492.47	2.96	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2422.14	2535.91	2502.35	2486.80	2.35	ppb
Lead	208-1	2432.35	2527.63	2482.83	2480.94	1.92	ppb
Lithium	6-1				97		%
Magnesium	24-2	56617.10	55294.42	56552.07	56154.53	1.33	ppb
Manganese	55-2	5091.59	5077.17	5066.39	5078.38	0.25	ppb
Molybdenum	94-1	5045.61	5029.21	5063.74	5046.19	0.34	ppb
Molybdenum	95-1	5032.70	5056.71	5087.00	5058.80	0.54	ppb
Molybdenum	96-1	5043.99	5002.49	5016.38	5020.95	0.42	ppb
Molybdenum	97-1	5103.37	5038.06	5005.18	5048.87	0.99	ppb
Molybdenum	98-1	5036.80	5027.52	5016.31	5026.88	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.18	498.76	508.02	502.32	0.99	ppb
Phosphorus	31-2	10358.52	10296.12	10259.97	10304.87	0.48	ppb
Potassium	39-2	25057.59	25399.94	25238.66	25232.06	0.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	505.35	510.59	512.41	509.45	0.72	ppb
Selenium	77-2	538.72	510.64	516.51	521.96	2.84	ppb
Selenium	78-2	494.15	513.53	496.14	501.27	2.13	ppb
Silicon	28-1	500.85	504.04	494.64	499.84	0.96	ppb
Silver	107-1	507.37	513.54	515.44	512.12	0.82	ppb
Silver	109-1	506.51	508.24	514.94	509.90	0.87	ppb
Sodium	23-2	52864.76	52114.20	52215.83	52398.26	0.78	ppb
Strontium	86-1	508.81	514.40	506.19	509.80	0.82	ppb
Strontium	88-1	508.58	507.66	506.40	507.55	0.22	ppb
Sulfur	34-1	9603.70	9807.24	9551.80	9654.25	1.40	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	482.50	506.47	498.70	495.89	2.47	ppb
Thallium	205-1	488.11	501.21	494.16	494.49	1.33	ppb
Tin	118-1	503.75	507.13	500.84	503.91	0.63	ppb
Titanium	47-1	4998.00	5002.16	4977.46	4992.54	0.26	ppb
Uranium	238-1	481.30	495.41	495.22	490.64	1.65	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	523.46	507.89	498.78	510.04	2.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	5231.15	5320.36	5289.85	5280.45	0.86	ppb
Zirconium	90-1	502.40	502.22	505.69	503.43	0.39	ppb
Zirconium	91-1	499.53	505.60	508.63	504.59	0.92	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:53:57 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19515.03	19219.27	18559.49	19097.93	2.56	ppb
Antimony	121-1	985.43	1006.38	993.37	995.06	1.06	ppb
Arsenic	75-2	991.73	1000.24	993.88	995.28	0.44	ppb
Barium	135-1	5015.08	5032.12	4914.65	4987.28	1.27	ppb
Barium	137-1	4971.60	4995.37	5013.18	4993.38	0.42	ppb
Beryllium	9-1	991.08	992.79	995.54	993.13	0.23	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	985.81	997.73	995.10	992.88	0.63	ppb
Cadmium	106-1	989.16	999.16	988.87	992.40	0.59	ppb
Cadmium	111-1	975.16	1002.04	989.16	988.79	1.36	ppb
Calcium	43-1	99119.43	99239.24	100654.01	99670.89	0.86	ppb
Calcium	44-1	99542.28	99470.39	99626.29	99546.32	0.08	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	997.25	998.80	975.02	990.36	1.34	ppb
Cobalt	59-2	1005.49	973.64	966.01	981.71	2.13	ppb
Copper	63-2	10011.42	9775.20	9627.94	9804.85	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	51824.12	51713.81	51122.52	51553.48	0.73	ppb
Iron	56-2	51424.21	50305.79	49591.57	50440.52	1.83	ppb
Iron	57-2	51639.39	50852.67	50724.32	51072.13	0.97	ppb
Krypton	83-1						cps
Lead	206-1	5049.99	4923.60	5020.99	4998.20	1.32	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:53:57 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5060.51	4890.16	5050.15	5000.28	1.91	ppb
Lead	208-1	5040.42	4943.38	5033.39	5005.73	1.08	ppb
Lithium	6-1				95		%
Magnesium	24-2	109024.60	108488.61	107235.22	108249.48	0.85	ppb
Manganese	55-2	10004.53	9987.10	9730.06	9907.23	1.55	ppb
Molybdenum	94-1	9941.88	9954.23	9991.20	9962.44	0.26	ppb
Molybdenum	95-1	9936.87	9938.25	9998.55	9957.89	0.35	ppb
Molybdenum	96-1	9849.30	10000.11	10098.75	9982.72	1.26	ppb
Molybdenum	97-1	9893.06	10057.01	9950.66	9966.91	0.83	ppb
Molybdenum	98-1	9953.58	10010.09	9973.47	9979.05	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1012.23	992.13	980.13	994.83	1.63	ppb
Phosphorus	31-2	20036.19	19701.81	19553.92	19763.97	1.25	ppb
Potassium	39-2	49120.99	47911.87	47605.25	48212.70	1.66	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	82-1	978.72	997.27	996.59	990.86	1.06	ppb
Selenium	77-2	976.93	1009.37	967.49	984.59	2.23	ppb
Selenium	78-2	1011.20	988.49	986.68	995.46	1.37	ppb
Silicon	28-1	976.33	974.97	980.70	977.33	0.31	ppb
Silver	107-1	995.01	988.95	982.45	988.80	0.64	ppb
Silver	109-1	977.74	1007.36	984.63	989.91	1.57	ppb
Sodium	23-2	103013.19	100989.09	100103.24	101368.51	1.47	ppb
Strontium	86-1	983.06	998.56	995.15	992.26	0.82	ppb
Strontium	88-1	988.36	1007.47	988.79	994.88	1.10	ppb
Sulfur	34-1	19696.72	19689.00	20095.00	19826.90	1.17	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	1001.48	989.07	1011.92	1000.82	1.14	ppb
Thallium	205-1	1009.03	993.29	1004.53	1002.28	0.81	ppb
Tin	118-1	989.52	1002.70	993.20	995.14	0.68	ppb
Titanium	47-1	9864.70	10029.69	10077.37	9990.59	1.12	ppb
Uranium	238-1	1013.07	988.71	1016.76	1006.18	1.51	ppb

3

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100187.94	101628.49	98805.09	100207.17	1.41	ppb
Antimony	121-1	0.70	0.69	0.66	0.68	3.08	ppb
Arsenic	75-2	0.43	0.65	0.55	0.54	20.13	ppb
Barium	135-1	2.17	2.13	2.00	2.10	4.06	ppb
Barium	137-1	2.31	2.12	2.08	2.17	5.55	ppb
Beryllium	9-1	0.31	0.25	0.23	0.26	16.21	ppb
Bismuth	209-1				77		%
Bismuth	209-2				80		%
Bromine	81-1						cps
Cadmium	108-1	0.59	0.54	0.37	0.50	22.49	ppb
Cadmium	106-1	-1.26	-1.05	-0.49	-0.93		ppb
Cadmium	111-1	0.25	0.18	0.18	0.20	19.17	ppb
Calcium	43-1	493671.92	496274.01	510084.12	500010.02	1.76	ppb
Calcium	44-1	493883.74	496497.79	509838.79	500073.44	1.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.14	2.40	2.17	2.24	6.35	ppb
Cobalt	59-2	2.14	2.15	2.07	2.12	2.01	ppb
Copper	63-2	2.05	2.04	1.83	1.98	6.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				95		%
Indium	115-1				83		%
Indium	115-2				89		%
Iron	54-2	249199.93	251303.81	247690.99	249398.24	0.73	ppb
Iron	56-2	248517.74	253731.69	246846.07	249698.50	1.44	ppb
Iron	57-2	248292.64	252935.22	247447.24	249558.37	1.18	ppb
Krypton	83-1						cps
Lead	206-1	2.01	1.83	1.79	1.87	6.27	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.06	1.82	1.79	1.89	7.91	ppb
Lead	208-1	2.03	1.83	1.79	1.88	6.72	ppb
Lithium	6-1				78		%
Magnesium	24-2	494753.34	506540.48	491169.90	497487.91	1.62	ppb
Manganese	55-2	3.47	3.67	3.90	3.68	5.83	ppb
Molybdenum	94-1	3.23	2.60	2.36	2.73	16.44	ppb
Molybdenum	95-1	2.21	1.83	1.73	1.92	13.28	ppb
Molybdenum	96-1	2.59	2.21	2.04	2.28	12.37	ppb
Molybdenum	97-1	1.78	1.44	1.35	1.52	14.87	ppb
Molybdenum	98-1	1.71	1.34	1.22	1.42	17.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.80	3.92	4.03	3.91	2.98	ppb
Phosphorus	31-2	6.18	-6.05	5.93	2.02	345.69	ppb
Potassium	39-2	249042.20	253789.44	248141.96	250324.53	1.21	ppb
Rhodium	103-1				77		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				92		%
Selenium	82-1	0.11	-0.12	-0.20	-0.07		ppb
Selenium	77-2	0.00	1.67	1.63	1.10	86.62	ppb
Selenium	78-2	0.90	0.69	-0.07	0.51	100.05	ppb
Silicon	28-1	6.50	6.19	6.41	6.37	2.53	ppb
Silver	107-1	0.19	0.16	0.13	0.16	19.88	ppb
Silver	109-1	0.20	0.15	0.13	0.16	23.61	ppb
Sodium	23-2	497000.86	503885.59	497219.15	499368.53	0.78	ppb
Strontium	86-1	2.77	2.66	2.71	2.71	1.94	ppb
Strontium	88-1	2.82	2.74	2.78	2.78	1.38	ppb
Sulfur	34-1	-1280.17	-1272.80	-1134.92	-1229.30		ppb
Terbium	159-1				89		%
Terbium	159-2				94		%
Thallium	203-1	0.17	0.12	0.10	0.13	25.58	ppb
Thallium	205-1	0.17	0.13	0.10	0.13	26.29	ppb
Tin	118-1	0.25	0.25	0.21	0.24	9.76	ppb
Titanium	47-1	4.68	4.39	4.23	4.44	5.14	ppb
Uranium	238-1	0.12	0.08	0.07	0.09	28.62	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.19	0.20	0.17	0.18	7.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				89		%
Yttrium	89-2				95		%
Zinc	66-2	13.82	13.53	13.70	13.68	1.07	ppb
Zirconium	90-1	0.62	0.57	0.58	0.59	5.09	ppb
Zirconium	91-1	0.60	0.58	0.61	0.59	2.58	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.44	479.80	486.34	484.19	0.79	ppb
Antimony	121-1	197.05	201.27	202.25	200.19	1.38	ppb
Arsenic	75-2	202.09	199.50	199.22	200.27	0.79	ppb
Barium	135-1	99.12	101.24	102.76	101.04	1.81	ppb
Barium	137-1	100.33	103.02	103.94	102.43	1.83	ppb
Beryllium	9-1	100.10	98.11	100.97	99.73	1.47	ppb
Bismuth	209-1				97		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	178.11	179.21	180.51	179.28	0.67	ppb
Cadmium	106-1	186.71	189.34	192.00	189.35	1.40	ppb
Cadmium	111-1	101.67	103.47	105.48	103.54	1.84	ppb
Calcium	43-1	2171.26	2195.23	2170.08	2178.86	0.65	ppb
Calcium	44-1	2186.76	2136.47	2120.84	2148.02	1.60	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.46	98.96	99.61	99.34	0.34	ppb
Cobalt	59-2	104.87	104.60	104.80	104.76	0.13	ppb
Copper	63-2	110.38	109.38	110.22	110.00	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				97		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	2227.68	2207.62	2223.51	2219.60	0.48	ppb
Iron	56-2	2138.86	2143.77	2163.46	2148.70	0.61	ppb
Iron	57-2	2125.95	2143.30	2136.89	2135.38	0.41	ppb
Krypton	83-1						cps
Lead	206-1	207.04	204.52	209.51	207.02	1.20	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	197.58	194.92	203.98	198.83	2.34	ppb
Lead	208-1	200.80	198.74	205.44	201.66	1.70	ppb
Lithium	6-1				94		%
Magnesium	24-2	1295.78	1284.37	1309.00	1296.38	0.95	ppb
Manganese	55-2	101.77	102.83	103.40	102.67	0.80	ppb
Molybdenum	94-1	4749.50	4789.26	4765.85	4768.21	0.42	ppb
Molybdenum	95-1	4717.31	4768.51	4713.05	4732.96	0.65	ppb
Molybdenum	96-1	4681.09	4750.69	4661.12	4697.63	1.00	ppb
Molybdenum	97-1	4652.91	4781.22	4690.48	4708.20	1.40	ppb
Molybdenum	98-1	4699.86	4818.12	4689.47	4735.82	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.06	103.27	104.98	104.10	0.82	ppb
Phosphorus	31-2	-18.08	-17.19	-21.38	-18.88		ppb
Potassium	39-2	1953.71	1938.94	1974.64	1955.76	0.92	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	208.17	210.99	205.58	208.25	1.30	ppb
Selenium	77-2	198.62	197.49	203.20	199.77	1.51	ppb
Selenium	78-2	211.34	208.17	209.34	209.62	0.76	ppb
Silicon	28-1	163.75	163.84	160.43	162.67	1.20	ppb
Silver	107-1	48.13	49.31	49.53	48.99	1.54	ppb
Silver	109-1	47.63	49.32	50.11	49.02	2.58	ppb
Sodium	23-2	2075.30	2048.58	2049.23	2057.70	0.74	ppb
Strontium	86-1	473.31	475.17	467.22	471.90	0.88	ppb
Strontium	88-1	463.04	469.22	460.61	464.29	0.96	ppb
Sulfur	34-1	-547.31	-664.31	-695.62	-635.75		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	194.70	191.00	196.88	194.20	1.53	ppb
Thallium	205-1	194.51	189.60	193.22	192.44	1.32	ppb
Tin	118-1	498.86	509.71	509.76	506.11	1.24	ppb
Titanium	47-1	4740.72	4638.58	4672.93	4684.08	1.11	ppb
Uranium	238-1	459.37	456.18	466.12	460.56	1.10	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	96.74	95.92	97.27	96.65	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				101		%
Zinc	66-2	210.68	206.79	206.97	208.15	1.05	ppb
Zirconium	90-1	485.80	488.99	486.30	487.03	0.35	ppb
Zirconium	91-1	481.81	485.61	481.32	482.91	0.49	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.85	-0.91	-0.39	-0.72		ppb
Antimony	121-1	0.00	0.01	0.00	0.01	32.45	ppb
Arsenic	75-2	0.01	0.00	0.00	0.01	89.06	ppb
Barium	135-1	0.05	0.06	0.06	0.06	5.65	ppb
Barium	137-1	0.06	0.05	0.05	0.05	14.18	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	13.83	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.01	-0.02	0.00	2483.71	ppb
Cadmium	106-1	-0.25	-0.72	0.19	-0.26		ppb
Cadmium	111-1	-0.01	-0.02	0.01	-0.01		ppb
Calcium	43-1	-0.11	-0.59	-1.24	-0.64		ppb
Calcium	44-1	0.06	0.04	-0.46	-0.12		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	0.00	-0.01		ppb
Copper	63-2	-0.06	-0.10	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	0.17	0.27	0.57	0.34	60.60	ppb
Iron	56-2	0.09	0.07	0.04	0.07	42.96	ppb
Iron	57-2	-0.07	0.02	-0.22	-0.09		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.06	0.06	6.80	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.06	0.05	0.05	5.79	ppb
Lead	208-1	0.05	0.06	0.06	0.06	4.58	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.70	-0.82	-0.82	-0.78		ppb
Manganese	55-2	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	948.90	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	108.34	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	45.72	ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	309.99	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	76.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.05	0.03	-0.01		ppb
Phosphorus	31-2	-12.24	-22.81	-12.05	-15.70		ppb
Potassium	39-2	8.15	7.66	5.10	6.97	23.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	-0.11	0.02	-0.26	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.37	-0.09	0.15	0.14	159.05	ppb
Silicon	28-1	-0.19	-0.02	-0.36	-0.19		ppb
Silver	107-1	0.00	0.00	0.00	0.00	17.39	ppb
Silver	109-1	0.00	0.00	0.00	0.00	13.26	ppb
Sodium	23-2	7.94	8.58	8.40	8.31	3.98	ppb
Strontium	86-1	-0.01	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	379.27	ppb
Sulfur	34-1	-177.13	-63.99	-295.41	-178.84		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	32.13	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	26.93	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.00	0.00	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	324.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.04	-0.17	-0.12	-0.11		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	271.57	ppb
Zirconium	91-1	0.00	-0.01	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93328.81	92240.57	92169.38	92579.59	0.70	ppb
Antimony	121-1	1.04	1.07	1.05	1.06	1.54	ppb
Arsenic	75-2	0.22	0.35	0.24	0.27	24.20	ppb
Barium	135-1	1.36	1.40	1.38	1.38	1.62	ppb
Barium	137-1	1.42	1.51	1.44	1.46	3.35	ppb
Beryllium	9-1	0.28	0.30	0.27	0.29	4.60	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	16.47	16.33	15.63	16.15	2.79	ppb
Cadmium	106-1	-1.90	-1.51	-2.25	-1.89		ppb
Cadmium	111-1	0.55	0.60	0.56	0.57	4.58	ppb
Calcium	43-1	98540.53	99157.07	101603.43	99767.01	1.62	ppb
Calcium	44-1	98669.17	100234.66	100907.77	99937.20	1.15	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.47	19.23	19.70	19.47	1.23	ppb
Cobalt	59-2	1.12	1.15	1.15	1.14	1.53	ppb
Copper	63-2	8.10	7.98	8.15	8.08	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	105990.30	106106.14	105209.11	105768.52	0.46	ppb
Iron	56-2	106184.50	105589.29	105466.99	105746.93	0.36	ppb
Iron	57-2	107077.79	104953.80	104009.08	105346.89	1.49	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.83	4.82	4.82	0.32	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.28	4.43	4.42	4.38	1.96	ppb
Lead	208-1	4.43	4.54	4.51	4.50	1.27	ppb
Lithium	6-1				93		%
Magnesium	24-2	105653.15	104626.94	106395.62	105558.57	0.84	ppb
Manganese	55-2	7.59	7.71	7.71	7.67	0.89	ppb
Molybdenum	94-1	1628.76	1601.23	1600.55	1610.18	1.00	ppb
Molybdenum	95-1	1994.88	1966.79	1968.53	1976.73	0.80	ppb
Molybdenum	96-1	1923.31	1942.78	1922.71	1929.60	0.59	ppb
Molybdenum	97-1	1970.53	1953.54	1959.12	1961.06	0.44	ppb
Molybdenum	98-1	1980.52	1955.96	1982.15	1972.88	0.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.18	4.87	4.95	5.00	3.23	ppb
Phosphorus	31-2	104415.91	104472.63	105914.67	104934.40	0.81	ppb
Potassium	39-2	100343.12	99155.80	101029.22	100176.05	0.95	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				102		%
Selenium	82-1	-0.13	0.12	-0.01	0.00		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.60	0.14	0.37	0.37	62.08	ppb
Silicon	28-1	9.36	9.16	9.68	9.40	2.77	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.91	ppb
Silver	109-1	0.05	0.06	0.05	0.05	4.18	ppb
Sodium	23-2	105126.86	104824.43	104820.90	104924.07	0.17	ppb
Strontium	86-1	32.33	32.51	32.48	32.44	0.29	ppb
Strontium	88-1	32.98	33.65	33.63	33.42	1.14	ppb
Sulfur	34-1	102136.34	102003.83	105450.69	103196.96	1.89	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.13	0.14	0.15	0.14	8.12	ppb
Thallium	205-1	0.12	0.14	0.14	0.13	9.04	ppb
Tin	118-1	0.14	0.15	0.14	0.14	5.51	ppb
Titanium	47-1	2026.08	2053.31	2085.98	2055.13	1.46	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.25	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.14	0.14	1.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	11.38	10.56	11.09	11.01	3.80	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	10.21	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	11.68	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:44:45 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93991.02	93443.42	93461.44	93631.96	0.33	ppb
Antimony	121-1	20.61	21.43	21.16	21.07	1.99	ppb
Arsenic	75-2	20.21	21.91	21.99	21.37	4.71	ppb
Barium	135-1	21.51	22.38	22.23	22.04	2.10	ppb
Barium	137-1	21.97	22.70	22.42	22.37	1.66	ppb
Beryllium	9-1	20.83	20.77	21.09	20.90	0.81	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	30.00	31.58	30.99	30.86	2.58	ppb
Cadmium	106-1	14.10	14.54	13.30	13.98	4.50	ppb
Cadmium	111-1	19.81	20.67	20.26	20.25	2.12	ppb
Calcium	43-1	101081.36	100076.70	100455.30	100537.79	0.50	ppb
Calcium	44-1	99599.40	101461.47	101606.65	100889.18	1.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.56	39.41	39.57	39.18	1.39	ppb
Cobalt	59-2	21.04	21.68	21.39	21.37	1.51	ppb
Copper	63-2	28.77	28.91	28.75	28.81	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				101		%
Iron	54-2	105765.64	105049.45	105682.75	105499.28	0.37	ppb
Iron	56-2	104714.19	105228.14	105846.81	105263.05	0.54	ppb
Iron	57-2	104798.39	104381.19	104816.20	104665.26	0.24	ppb
Krypton	83-1						cps
Lead	206-1	26.12	26.24	26.18	26.18	0.23	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:44:45 DataFile Name : 018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	25.30	25.35	25.24	25.30	0.23	ppb
Lead	208-1	25.33	25.32	25.16	25.27	0.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	105490.18	107414.24	107034.60	106646.34	0.96	ppb
Manganese	55-2	27.54	28.33	27.95	27.94	1.42	ppb
Molybdenum	94-1	1596.59	1595.25	1653.23	1615.02	2.05	ppb
Molybdenum	95-1	1944.58	1967.22	2006.08	1972.63	1.58	ppb
Molybdenum	96-1	1905.10	1905.72	1969.90	1926.91	1.93	ppb
Molybdenum	97-1	1955.09	1970.34	1978.27	1967.90	0.60	ppb
Molybdenum	98-1	1964.28	1976.08	2000.48	1980.28	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.19	24.65	24.68	24.51	1.13	ppb
Phosphorus	31-2	106213.69	106771.10	106298.03	106427.60	0.28	ppb
Potassium	39-2	98758.87	99428.76	98807.36	98998.33	0.38	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	20.22	21.50	20.83	20.85	3.08	ppb
Selenium	77-2	22.99	19.12	20.60	20.90	9.33	ppb
Selenium	78-2	21.32	23.16	22.50	22.33	4.19	ppb
Silicon	28-1	10.19	9.94	10.36	10.16	2.11	ppb
Silver	107-1	18.36	19.14	19.11	18.87	2.34	ppb
Silver	109-1	18.64	19.21	19.00	18.95	1.52	ppb
Sodium	23-2	106662.61	106226.37	106183.97	106357.65	0.25	ppb
Strontium	86-1	32.35	32.35	32.91	32.54	0.98	ppb
Strontium	88-1	33.14	33.21	33.50	33.28	0.58	ppb
Sulfur	34-1	105577.06	104374.24	104696.83	104882.71	0.59	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	20.65	20.76	20.60	20.67	0.41	ppb
Thallium	205-1	20.66	21.05	20.76	20.82	0.99	ppb
Tin	118-1	0.14	0.16	0.17	0.16	8.63	ppb
Titanium	47-1	2059.83	2072.86	2112.66	2081.78	1.32	ppb
Uranium	238-1	0.02	0.01	0.01	0.02	8.16	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

ICSAB001

Instrumnet Name :

P8

Client Sample ID :

ICSAB001

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 13:44:45

DataFile Name :

018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.88	19.82	19.38	19.69	1.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	30.68	31.63	30.49	30.93	1.97	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	47.77	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	29.79	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50756.74	49879.50	49264.85	49967.03	1.50	ppb
Antimony	121-1	495.40	481.25	488.79	488.48	1.45	ppb
Arsenic	75-2	495.08	492.10	494.26	493.81	0.31	ppb
Barium	135-1	2556.72	2419.29	2534.47	2503.49	2.95	ppb
Barium	137-1	2531.97	2459.19	2559.82	2516.99	2.06	ppb
Beryllium	9-1	513.60	523.35	520.05	519.00	0.96	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	486.01	471.41	486.89	481.43	1.81	ppb
Cadmium	106-1	495.85	483.00	490.56	489.80	1.32	ppb
Cadmium	111-1	488.45	483.89	489.48	487.27	0.61	ppb
Calcium	43-1	249464.80	244371.14	248940.44	247592.13	1.13	ppb
Calcium	44-1	252361.18	247365.01	250571.97	250099.39	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	510.31	501.79	486.22	499.44	2.45	ppb
Cobalt	59-2	490.54	484.39	484.69	486.54	0.71	ppb
Copper	63-2	4863.66	4832.92	4661.93	4786.17	2.27	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				101		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	126650.46	128142.10	125653.88	126815.48	0.99	ppb
Iron	56-2	129192.66	126259.53	125433.99	126962.06	1.56	ppb
Iron	57-2	129432.72	125938.80	125341.22	126904.25	1.74	ppb
Krypton	83-1						cps
Lead	206-1	2592.02	2554.71	2587.23	2577.99	0.79	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2569.05	2574.33	2597.30	2580.23	0.58	ppb
Lead	208-1	2564.17	2560.49	2586.16	2570.27	0.54	ppb
Lithium	6-1				91		%
Magnesium	24-2	277844.45	271000.41	268150.08	272331.65	1.83	ppb
Manganese	55-2	4958.98	4959.70	4923.40	4947.36	0.42	ppb
Molybdenum	94-1	5115.10	4962.72	5118.12	5065.31	1.75	ppb
Molybdenum	95-1	5081.06	4914.79	5086.25	5027.37	1.94	ppb
Molybdenum	96-1	5027.54	4934.60	5034.59	4998.91	1.12	ppb
Molybdenum	97-1	4998.98	4909.74	5051.33	4986.68	1.44	ppb
Molybdenum	98-1	5045.99	4941.53	5100.51	5029.34	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	464.94	459.24	452.34	458.84	1.37	ppb
Phosphorus	31-2	10223.68	10099.11	9796.77	10039.85	2.19	ppb
Potassium	39-2	126688.21	125420.73	123253.56	125120.83	1.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	489.10	474.15	491.49	484.91	1.94	ppb
Selenium	77-2	476.96	478.76	455.55	470.42	2.74	ppb
Selenium	78-2	489.07	500.85	478.31	489.41	2.30	ppb
Silicon	28-1	896.37	884.73	889.87	890.32	0.65	ppb
Silver	107-1	483.15	472.45	486.22	480.61	1.50	ppb
Silver	109-1	483.12	474.04	479.36	478.84	0.95	ppb
Sodium	23-2	262385.38	258963.69	254667.84	258672.30	1.49	ppb
Strontium	86-1	509.58	497.63	523.77	510.33	2.56	ppb
Strontium	88-1	505.36	493.07	505.25	501.23	1.41	ppb
Sulfur	34-1	10116.71	9541.21	9798.09	9818.67	2.94	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	517.98	510.99	512.03	513.67	0.73	ppb
Thallium	205-1	519.72	507.66	518.04	515.14	1.27	ppb
Tin	118-1	503.43	492.78	494.34	496.85	1.16	ppb
Titanium	47-1	5116.67	4957.03	5031.15	5034.95	1.59	ppb
Uranium	238-1	521.35	515.37	528.74	521.82	1.28	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	502.17	513.79	499.48	505.15	1.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	4844.49	4732.28	4621.63	4732.80	2.35	ppb
Zirconium	90-1	522.03	501.66	518.63	514.11	2.12	ppb
Zirconium	91-1	509.45	495.49	509.94	504.96	1.62	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:54:31 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-0.23	-0.23	-0.18		ppb
Antimony	121-1	0.03	0.03	0.02	0.03	14.43	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	402.07	ppb
Barium	135-1	0.02	0.00	0.01	0.01	75.01	ppb
Barium	137-1	0.01	0.00	0.00	0.00	168.85	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.36	ppb
Bismuth	209-1				102		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.02	-0.01	0.02	141.79	ppb
Cadmium	106-1	-0.53	-1.40	-1.16	-1.03		ppb
Cadmium	111-1	0.00	-0.03	-0.02	-0.02		ppb
Calcium	43-1	1.68	0.77	-1.07	0.46	303.67	ppb
Calcium	44-1	1.70	1.26	0.49	1.15	53.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.01	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	0.00		ppb
Copper	63-2	0.02	-0.01	-0.04	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	54-2	0.77	0.85	0.58	0.73	18.92	ppb
Iron	56-2	0.65	0.65	0.55	0.62	9.56	ppb
Iron	57-2	0.11	-0.03	0.51	0.20	140.67	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.07	0.08	13.09	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:54:31 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.08	0.09	5.98	ppb
Lead	208-1	0.09	0.09	0.07	0.08	10.01	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.23	-0.41	-0.45	-0.37		ppb
Manganese	55-2	0.03	0.03	0.01	0.02	52.10	ppb
Molybdenum	94-1	0.10	0.08	0.07	0.09	17.93	ppb
Molybdenum	95-1	0.10	0.07	0.04	0.07	46.34	ppb
Molybdenum	96-1	0.10	0.06	0.05	0.07	36.12	ppb
Molybdenum	97-1	0.09	0.07	0.05	0.07	27.43	ppb
Molybdenum	98-1	0.08	0.07	0.04	0.06	29.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.03	0.00		ppb
Phosphorus	31-2	-19.81	-10.18	-25.75	-18.58		ppb
Potassium	39-2	20.43	20.55	18.01	19.66	7.29	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	82-1	-0.13	-0.25	-0.31	-0.23		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.53	-0.31	-0.31	-0.03		ppb
Silicon	28-1	-0.39	0.29	-0.33	-0.14		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.63	ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.55	ppb
Sodium	23-2	28.52	26.96	25.37	26.95	5.84	ppb
Strontium	86-1	0.00	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	51.62	ppb
Sulfur	34-1	-797.50	-522.01	-773.69	-697.73		ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.23	ppb
Thallium	205-1	0.04	0.03	0.03	0.04	4.73	ppb
Tin	118-1	0.00	0.00	0.00	0.00	75.56	ppb
Titanium	47-1	0.05	0.04	0.04	0.05	19.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	116.29	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCB001

Instrumnet Name :

P8

Client Sample ID :

CCB001

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 13:54:31

DataFile Name :

020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	69.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				112		%
Zinc	66-2	-0.22	-0.01	-0.09	-0.11		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	3.76	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	51.30	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.51	14.73	14.12	14.45	2.16	ppb
Antimony	121-1	0.73	0.76	0.75	0.75	1.47	ppb
Arsenic	75-2	0.78	0.62	0.78	0.73	13.03	ppb
Barium	135-1	3.73	3.97	3.92	3.87	3.24	ppb
Barium	137-1	3.87	3.72	3.91	3.83	2.61	ppb
Beryllium	9-1	0.75	0.74	0.76	0.75	1.03	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.79	0.76	0.68	0.74	8.18	ppb
Cadmium	106-1	-0.02	0.14	-0.10	0.01	1669.22	ppb
Cadmium	111-1	0.74	0.81	0.75	0.77	5.31	ppb
Calcium	43-1	75.89	75.90	74.15	75.32	1.33	ppb
Calcium	44-1	75.92	74.79	75.95	75.55	0.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.79	0.78	0.79	2.68	ppb
Cobalt	59-2	0.77	0.75	0.81	0.78	4.35	ppb
Copper	63-2	1.51	1.65	1.56	1.57	4.80	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				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	41.67	42.59	41.34	41.87	1.55	ppb
Iron	56-2	41.11	41.28	41.30	41.23	0.26	ppb
Iron	57-2	41.70	41.72	40.37	41.26	1.87	ppb
Krypton	83-1						cps
Lead	206-1	0.76	0.73	0.77	0.75	2.85	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.77	0.76	0.78	0.77	1.65	ppb
Lead	208-1	0.76	0.74	0.77	0.76	1.74	ppb
Lithium	6-1				103		%
Magnesium	24-2	86.53	88.24	88.75	87.84	1.32	ppb
Manganese	55-2	1.47	1.63	1.62	1.57	5.83	ppb
Molybdenum	94-1	1.95	1.98	2.01	1.98	1.68	ppb
Molybdenum	95-1	0.74	0.76	0.77	0.76	1.60	ppb
Molybdenum	96-1	0.85	0.85	0.88	0.86	1.58	ppb
Molybdenum	97-1	0.76	0.77	0.70	0.74	4.58	ppb
Molybdenum	98-1	0.75	0.74	0.73	0.74	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.83	0.74	0.78	6.14	ppb
Phosphorus	31-2	-0.12	-3.65	-1.97	-1.91		ppb
Potassium	39-2	49.27	49.26	52.84	50.45	4.10	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.63	0.47	0.61	0.57	15.19	ppb
Selenium	77-2	0.74	0.00	0.74	0.49	86.60	ppb
Selenium	78-2	0.36	0.79	0.58	0.58	37.83	ppb
Silicon	28-1	0.13	0.03	0.10	0.09	60.74	ppb
Silver	107-1	0.76	0.77	0.77	0.77	0.77	ppb
Silver	109-1	0.76	0.80	0.80	0.79	2.68	ppb
Sodium	23-2	94.60	95.73	93.67	94.67	1.08	ppb
Strontium	86-1	0.68	0.70	0.69	0.69	1.66	ppb
Strontium	88-1	0.69	0.72	0.71	0.71	2.10	ppb
Sulfur	34-1	-158.47	-234.07	-215.15	-202.56		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.73	0.72	0.73	0.73	0.76	ppb
Thallium	205-1	0.72	0.71	0.72	0.72	1.20	ppb
Tin	118-1	0.78	0.99	0.76	0.84	15.01	ppb
Titanium	47-1	0.76	0.75	0.77	0.76	1.57	ppb
Uranium	238-1	0.68	0.70	0.70	0.69	1.49	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.73	0.77	0.76	0.75	2.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.45	1.66	1.66	1.59	7.52	ppb
Zirconium	90-1	0.71	0.73	0.73	0.73	1.35	ppb
Zirconium	91-1	0.66	0.73	0.71	0.70	4.86	ppb

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	P1187-03RE	Instrumnet Name :	P8
Client Sample ID :	MDL-SOIL-03-QT1-2024	Dilution Factor :	1
Date & Time Acquired :	2025-01-17 14:20:03	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.64	7.75	7.86	7.75	1.45	ppb
Antimony	121-1	0.40	0.41	0.40	0.40	1.19	ppb
Arsenic	75-2	0.53	0.44	0.35	0.44	21.00	ppb
Barium	135-1	2.00	2.03	2.12	2.05	3.00	ppb
Barium	137-1	1.97	2.11	2.07	2.05	3.36	ppb
Beryllium	9-1	0.42	0.40	0.42	0.41	1.67	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.36	0.45	0.42	0.41	11.78	ppb
Cadmium	106-1	-0.40	0.43	0.44	0.16	304.92	ppb
Cadmium	111-1	0.41	0.42	0.43	0.42	2.26	ppb
Calcium	43-1	197.52	194.17	189.40	193.69	2.11	ppb
Calcium	44-1	194.38	196.73	194.23	195.11	0.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.39	0.38	0.39	3.19	ppb
Cobalt	59-2	0.43	0.43	0.39	0.42	5.10	ppb
Copper	63-2	0.80	0.86	0.77	0.81	5.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2	34.04	34.58	34.16	34.26	0.82	ppb
Iron	56-2	34.68	34.97	33.46	34.37	2.34	ppb
Iron	57-2	35.70	34.53	32.58	34.27	4.60	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.42	0.43	0.43	3.33	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03RE Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:20:03 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.41	0.43	0.43	0.42	1.91	ppb
Lead	208-1	0.43	0.42	0.42	0.42	1.31	ppb
Lithium	6-1				102		%
Magnesium	24-2	226.60	230.33	218.78	225.24	2.62	ppb
Manganese	55-2	0.79	0.75	0.81	0.79	3.77	ppb
Molybdenum	94-1	1.04	1.07	1.04	1.05	1.55	ppb
Molybdenum	95-1	0.40	0.42	0.39	0.40	3.76	ppb
Molybdenum	96-1	0.47	0.47	0.43	0.46	4.77	ppb
Molybdenum	97-1	0.38	0.43	0.41	0.41	6.36	ppb
Molybdenum	98-1	0.39	0.39	0.40	0.39	1.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.40	0.42	0.48	0.43	10.68	ppb
Phosphorus	31-2	0.82	-7.10	-4.93	-3.74		ppb
Potassium	39-2	140.51	137.59	129.29	135.80	4.29	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	82-1	4.48	4.23	4.68	4.46	5.01	ppb
Selenium	77-2	8.11	8.86	2.91	6.63	48.95	ppb
Selenium	78-2	5.24	6.14	3.85	5.07	22.75	ppb
Silicon	28-1	-0.08	0.10	-0.07	-0.02		ppb
Silver	107-1	0.41	0.43	0.44	0.43	3.09	ppb
Silver	109-1	0.42	0.42	0.42	0.42	0.39	ppb
Sodium	23-2	218.15	221.29	212.98	217.47	1.93	ppb
Strontium	86-1	0.39	0.39	0.39	0.39	0.76	ppb
Strontium	88-1	0.38	0.40	0.39	0.39	2.05	ppb
Sulfur	34-1	-94.40	-59.33	-158.38	-104.04		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.37	0.38	0.38	0.49	ppb
Thallium	205-1	0.39	0.38	0.38	0.38	2.45	ppb
Tin	118-1	0.42	0.41	0.40	0.41	1.89	ppb
Titanium	47-1	0.42	0.34	0.43	0.40	13.35	ppb
Uranium	238-1	0.37	0.36	0.37	0.37	1.17	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

P1187-03RE

Instrumnet Name :

P8

Client Sample ID :

MDL-SOIL-03-QT1-2024

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 14:20:03

DataFile Name :

023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.43	0.40	0.37	0.40	7.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	1.24	1.46	1.29	1.33	8.42	ppb
Zirconium	90-1	0.38	0.41	0.39	0.39	3.91	ppb
Zirconium	91-1	0.39	0.39	0.39	0.39	0.97	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.72	13.87	14.33	14.31	2.97	ppb
Antimony	121-1	0.72	0.73	0.77	0.74	3.27	ppb
Arsenic	75-2	0.67	0.72	0.72	0.70	4.01	ppb
Barium	135-1	3.74	3.72	3.69	3.72	0.59	ppb
Barium	137-1	3.81	3.79	3.78	3.79	0.44	ppb
Beryllium	9-1	0.75	0.73	0.77	0.75	2.84	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.76	0.67	0.73	0.72	6.36	ppb
Cadmium	106-1	1.07	0.80	1.31	1.06	24.24	ppb
Cadmium	111-1	0.80	0.72	0.79	0.77	5.81	ppb
Calcium	43-1	79.31	78.76	77.55	78.54	1.15	ppb
Calcium	44-1	74.55	75.29	76.74	75.53	1.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.74	0.76	0.73	0.75	1.59	ppb
Cobalt	59-2	0.79	0.80	0.73	0.77	4.88	ppb
Copper	63-2	1.63	1.58	1.59	1.60	1.73	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				103		%
Indium	115-2				103		%
Iron	54-2	41.20	41.87	42.92	42.00	2.06	ppb
Iron	56-2	41.10	40.41	40.88	40.80	0.86	ppb
Iron	57-2	39.18	42.04	40.07	40.43	3.62	ppb
Krypton	83-1						cps
Lead	206-1	0.77	0.72	0.75	0.75	3.90	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.75	0.75	0.80	0.77	3.51	ppb
Lead	208-1	0.76	0.74	0.78	0.76	2.15	ppb
Lithium	6-1				103		%
Magnesium	24-2	86.05	87.62	87.48	87.05	1.00	ppb
Manganese	55-2	1.59	1.60	1.56	1.58	1.22	ppb
Molybdenum	94-1	1.87	2.01	1.90	1.93	3.95	ppb
Molybdenum	95-1	0.73	0.74	0.74	0.74	1.07	ppb
Molybdenum	96-1	0.85	0.86	0.85	0.85	0.43	ppb
Molybdenum	97-1	0.68	0.77	0.76	0.74	6.62	ppb
Molybdenum	98-1	0.71	0.71	0.73	0.72	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.83	0.79	0.77	0.80	3.78	ppb
Phosphorus	31-2	1.13	7.67	8.20	5.67	69.47	ppb
Potassium	39-2	52.99	53.48	53.27	53.25	0.47	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	0.64	0.82	0.81	0.76	13.17	ppb
Selenium	77-2	0.73	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	1.88	0.58	-0.31	0.72	153.57	ppb
Silicon	28-1	0.12	0.24	0.38	0.25	52.21	ppb
Silver	107-1	0.75	0.79	0.79	0.78	2.55	ppb
Silver	109-1	0.74	0.78	0.79	0.77	3.31	ppb
Sodium	23-2	93.10	91.59	93.73	92.81	1.19	ppb
Strontium	86-1	0.69	0.70	0.70	0.70	1.30	ppb
Strontium	88-1	0.69	0.70	0.71	0.70	1.62	ppb
Sulfur	34-1	45.74	66.09	130.71	80.84	54.88	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.71	0.69	0.71	0.70	1.15	ppb
Thallium	205-1	0.72	0.73	0.73	0.72	0.76	ppb
Tin	118-1	0.77	0.78	0.79	0.78	1.36	ppb
Titanium	47-1	0.75	0.73	0.72	0.73	1.79	ppb
Uranium	238-1	0.70	0.70	0.70	0.70	0.28	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.76	0.77	0.68	0.74	6.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				105		%
Zinc	66-2	1.71	1.62	1.25	1.53	15.83	ppb
Zirconium	90-1	0.72	0.74	0.75	0.74	1.94	ppb
Zirconium	91-1	0.73	0.71	0.73	0.73	1.59	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:26:48 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.94	9.11	8.18	8.08	13.48	ppb
Antimony	121-1	0.41	0.41	0.42	0.41	1.17	ppb
Arsenic	75-2	0.48	0.41	0.32	0.40	20.03	ppb
Barium	135-1	2.06	2.12	2.09	2.09	1.49	ppb
Barium	137-1	2.04	2.20	2.08	2.10	3.99	ppb
Beryllium	9-1	0.39	0.41	0.41	0.41	2.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.49	0.39	0.43	11.79	ppb
Cadmium	106-1	1.06	0.73	1.32	1.04	28.80	ppb
Cadmium	111-1	0.39	0.43	0.49	0.44	10.84	ppb
Calcium	43-1	197.82	199.80	188.86	195.49	2.98	ppb
Calcium	44-1	193.51	195.99	189.67	193.06	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.42	0.43	0.42	1.60	ppb
Cobalt	59-2	0.41	0.42	0.45	0.43	4.62	ppb
Copper	63-2	0.76	0.83	0.86	0.82	5.98	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				101		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	35.20	35.15	34.27	34.87	1.50	ppb
Iron	56-2	34.21	34.99	34.35	34.51	1.21	ppb
Iron	57-2	31.55	32.75	33.91	32.73	3.61	ppb
Krypton	83-1						cps
Lead	206-1	0.43	0.45	0.41	0.43	3.93	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:26:48 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.42	0.44	0.43	0.43	1.93	ppb
Lead	208-1	0.42	0.44	0.42	0.43	2.26	ppb
Lithium	6-1				103		%
Magnesium	24-2	226.91	228.00	226.42	227.11	0.36	ppb
Manganese	55-2	0.85	0.86	0.84	0.85	1.07	ppb
Molybdenum	94-1	1.03	1.05	1.05	1.05	1.13	ppb
Molybdenum	95-1	0.38	0.44	0.40	0.41	8.33	ppb
Molybdenum	96-1	0.46	0.49	0.45	0.46	4.91	ppb
Molybdenum	97-1	0.37	0.37	0.38	0.37	1.39	ppb
Molybdenum	98-1	0.40	0.39	0.38	0.39	2.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.33	0.43	0.40	0.39	13.98	ppb
Phosphorus	31-2	-12.08	-10.06	-12.93	-11.69		ppb
Potassium	39-2	136.16	137.49	134.86	136.17	0.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	4.50	4.69	4.42	4.54	3.05	ppb
Selenium	77-2	2.24	5.96	5.19	4.46	43.99	ppb
Selenium	78-2	6.66	4.62	5.05	5.44	19.72	ppb
Silicon	28-1	-0.14	-0.07	-0.06	-0.09		ppb
Silver	107-1	0.42	0.44	0.44	0.43	1.71	ppb
Silver	109-1	0.41	0.44	0.42	0.42	3.05	ppb
Sodium	23-2	221.42	220.55	218.64	220.21	0.65	ppb
Strontium	86-1	0.38	0.38	0.37	0.38	1.36	ppb
Strontium	88-1	0.38	0.38	0.39	0.38	1.46	ppb
Sulfur	34-1	161.56	187.53	-13.37	111.91	97.64	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.37	0.39	0.37	0.38	3.23	ppb
Thallium	205-1	0.39	0.40	0.39	0.39	2.45	ppb
Tin	118-1	0.42	0.43	0.42	0.43	1.00	ppb
Titanium	47-1	0.38	0.37	0.42	0.39	6.45	ppb
Uranium	238-1	0.37	0.38	0.38	0.38	0.59	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

P1187-09

Instrumnet Name :

P8

Client Sample ID :

MDL-WATER-03-QT1-20

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 14:26:48

DataFile Name :

025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.37	0.39	0.39	0.38	3.50	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	0.97	0.81	0.61	0.80	22.86	ppb
Zirconium	90-1	0.38	0.41	0.40	0.40	3.26	ppb
Zirconium	91-1	0.38	0.38	0.38	0.38	0.52	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.22	13.70	14.77	14.56	5.34	ppb
Antimony	121-1	0.75	0.78	0.75	0.76	2.21	ppb
Arsenic	75-2	0.73	0.87	0.78	0.79	8.97	ppb
Barium	135-1	3.82	3.96	3.82	3.87	2.09	ppb
Barium	137-1	3.80	3.93	4.00	3.91	2.54	ppb
Beryllium	9-1	0.75	0.78	0.78	0.77	1.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.89	0.74	0.70	0.78	13.10	ppb
Cadmium	106-1	0.73	1.03	0.74	0.83	20.97	ppb
Cadmium	111-1	0.77	0.86	0.79	0.81	6.20	ppb
Calcium	43-1	77.03	75.41	77.19	76.54	1.29	ppb
Calcium	44-1	76.83	77.55	77.10	77.16	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.80	0.76	0.75	0.77	2.87	ppb
Cobalt	59-2	0.78	0.80	0.80	0.79	1.33	ppb
Copper	63-2	1.62	1.59	1.59	1.60	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	43.94	40.94	41.25	42.04	3.92	ppb
Iron	56-2	41.72	41.74	41.61	41.69	0.17	ppb
Iron	57-2	39.39	44.02	42.01	41.81	5.56	ppb
Krypton	83-1						cps
Lead	206-1	0.75	0.77	0.76	0.76	1.23	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.76	0.82	0.78	0.79	3.86	ppb
Lead	208-1	0.74	0.78	0.76	0.76	2.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	89.51	91.46	89.90	90.29	1.15	ppb
Manganese	55-2	1.56	1.54	1.51	1.54	1.78	ppb
Molybdenum	94-1	1.90	1.97	1.96	1.95	1.89	ppb
Molybdenum	95-1	0.77	0.75	0.79	0.77	2.42	ppb
Molybdenum	96-1	0.82	0.88	0.84	0.85	3.26	ppb
Molybdenum	97-1	0.75	0.76	0.76	0.75	0.89	ppb
Molybdenum	98-1	0.72	0.73	0.72	0.72	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.73	0.62	0.71	11.17	ppb
Phosphorus	31-2	11.63	0.48	0.49	4.20	153.19	ppb
Potassium	39-2	48.37	51.51	52.65	50.85	4.36	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	0.60	0.53	0.76	0.63	18.46	ppb
Selenium	77-2	0.00	1.49	0.75	0.75	100.00	ppb
Selenium	78-2	0.14	1.04	0.14	0.44	117.65	ppb
Silicon	28-1	0.16	0.00	0.48	0.21	112.20	ppb
Silver	107-1	0.80	0.80	0.80	0.80	0.37	ppb
Silver	109-1	0.80	0.81	0.79	0.80	0.94	ppb
Sodium	23-2	92.80	92.96	95.05	93.60	1.34	ppb
Strontium	86-1	0.69	0.67	0.73	0.70	4.53	ppb
Strontium	88-1	0.70	0.72	0.73	0.71	2.02	ppb
Sulfur	34-1	-9.00	-17.76	107.64	26.96	259.68	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.72	0.73	0.72	0.72	0.99	ppb
Thallium	205-1	0.70	0.72	0.73	0.72	2.17	ppb
Tin	118-1	0.78	0.83	0.76	0.79	4.63	ppb
Titanium	47-1	0.74	0.71	0.80	0.75	6.10	ppb
Uranium	238-1	0.69	0.72	0.69	0.70	2.39	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.73	0.71	0.76	0.73	3.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1.62	1.60	1.63	1.61	0.92	ppb
Zirconium	90-1	0.76	0.73	0.75	0.75	1.78	ppb
Zirconium	91-1	0.71	0.70	0.75	0.72	3.66	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.12	7.31	7.14	7.19	1.47	ppb
Antimony	121-1	0.40	0.40	0.40	0.40	0.22	ppb
Arsenic	75-2	0.36	0.43	0.31	0.37	16.85	ppb
Barium	135-1	2.06	2.05	2.06	2.06	0.42	ppb
Barium	137-1	2.07	2.05	2.08	2.07	0.75	ppb
Beryllium	9-1	0.39	0.41	0.40	0.40	2.07	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.44	0.46	0.44	4.72	ppb
Cadmium	106-1	0.30	0.19	0.42	0.30	38.64	ppb
Cadmium	111-1	0.40	0.42	0.41	0.41	2.44	ppb
Calcium	43-1	192.41	188.37	187.77	189.52	1.33	ppb
Calcium	44-1	190.36	192.46	190.83	191.21	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.41	0.42	0.42	1.20	ppb
Cobalt	59-2	0.43	0.42	0.42	0.43	1.16	ppb
Copper	63-2	0.79	0.82	0.86	0.82	4.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	36.31	34.97	36.27	35.85	2.13	ppb
Iron	56-2	34.33	34.39	34.56	34.43	0.35	ppb
Iron	57-2	33.22	31.74	34.33	33.10	3.92	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.43	0.42	0.42	0.95	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.43	0.44	0.42	0.43	1.84	ppb
Lead	208-1	0.42	0.42	0.42	0.42	0.20	ppb
Lithium	6-1				104		%
Magnesium	24-2	229.04	226.66	227.48	227.73	0.53	ppb
Manganese	55-2	0.84	0.77	0.81	0.81	4.33	ppb
Molybdenum	94-1	1.01	1.03	1.02	1.02	0.93	ppb
Molybdenum	95-1	0.40	0.40	0.38	0.39	3.03	ppb
Molybdenum	96-1	0.43	0.47	0.47	0.46	5.04	ppb
Molybdenum	97-1	0.39	0.38	0.39	0.38	1.38	ppb
Molybdenum	98-1	0.38	0.40	0.39	0.39	2.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.36	0.39	0.40	11.76	ppb
Phosphorus	31-2	-5.91	-10.01	-13.73	-9.88		ppb
Potassium	39-2	136.32	135.67	136.80	136.26	0.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	4.39	4.39	4.34	4.38	0.72	ppb
Selenium	77-2	0.74	2.97	2.98	2.23	57.86	ppb
Selenium	78-2	6.60	2.37	3.05	4.01	56.67	ppb
Silicon	28-1	-0.20	-0.08	-0.14	-0.14		ppb
Silver	107-1	0.43	0.43	0.42	0.43	0.21	ppb
Silver	109-1	0.42	0.43	0.42	0.42	0.81	ppb
Sodium	23-2	218.43	216.18	217.79	217.46	0.53	ppb
Strontium	86-1	0.36	0.38	0.36	0.36	2.74	ppb
Strontium	88-1	0.38	0.39	0.38	0.38	0.57	ppb
Sulfur	34-1	-80.28	-67.41	-146.31	-98.00		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.37	0.39	0.38	2.06	ppb
Thallium	205-1	0.39	0.38	0.38	0.38	1.46	ppb
Tin	118-1	0.42	0.41	0.44	0.42	2.88	ppb
Titanium	47-1	0.45	0.40	0.39	0.41	7.40	ppb
Uranium	238-1	0.37	0.37	0.38	0.37	1.54	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.37	0.42	0.40	0.39	6.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	0.94	0.86	0.86	0.89	4.88	ppb
Zirconium	90-1	0.39	0.39	0.40	0.39	0.69	ppb
Zirconium	91-1	0.40	0.38	0.38	0.39	2.79	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:37:29 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.54	7.06	8.90	7.83	12.18	ppb
Antimony	121-1	0.40	0.40	0.40	0.40	0.71	ppb
Arsenic	75-2	0.55	0.54	0.38	0.49	19.10	ppb
Barium	135-1	1.99	1.98	2.02	2.00	0.93	ppb
Barium	137-1	2.10	2.02	2.09	2.07	2.09	ppb
Beryllium	9-1	0.39	0.39	0.39	0.39	0.93	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.24	0.40	0.36	0.33	24.64	ppb
Cadmium	106-1	-0.29	-0.17	0.04	-0.14		ppb
Cadmium	111-1	0.42	0.44	0.42	0.42	2.51	ppb
Calcium	43-1	193.24	190.98	192.52	192.25	0.60	ppb
Calcium	44-1	194.95	189.57	190.04	191.52	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.40	0.39	0.44	0.41	6.55	ppb
Cobalt	59-2	0.41	0.42	0.41	0.41	1.40	ppb
Copper	63-2	0.81	0.76	0.77	0.78	3.34	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				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	34.88	33.67	33.41	33.99	2.32	ppb
Iron	56-2	34.36	33.49	34.29	34.05	1.41	ppb
Iron	57-2	33.38	34.20	32.44	33.34	2.65	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.39	0.40	0.40	1.54	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:37:29 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.43	0.40	0.41	0.41	4.04	ppb
Lead	208-1	0.41	0.40	0.41	0.41	0.67	ppb
Lithium	6-1				105		%
Magnesium	24-2	227.67	222.27	223.64	224.53	1.25	ppb
Manganese	55-2	0.91	0.82	0.86	0.86	5.24	ppb
Molybdenum	94-1	1.04	1.04	1.09	1.06	2.62	ppb
Molybdenum	95-1	0.39	0.40	0.39	0.39	1.61	ppb
Molybdenum	96-1	0.48	0.45	0.44	0.46	4.58	ppb
Molybdenum	97-1	0.41	0.40	0.39	0.40	2.14	ppb
Molybdenum	98-1	0.40	0.38	0.39	0.39	2.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.44	0.38	0.33	0.39	14.73	ppb
Phosphorus	31-2	-8.63	-3.54	-11.06	-7.74		ppb
Potassium	39-2	136.51	126.86	129.97	131.11	3.76	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	4.89	4.32	4.76	4.66	6.39	ppb
Selenium	77-2	7.49	3.62	1.47	4.19	72.72	ppb
Selenium	78-2	6.00	5.79	5.23	5.67	7.07	ppb
Silicon	28-1	0.17	-0.37	-0.21	-0.13		ppb
Silver	107-1	0.41	0.39	0.41	0.41	3.07	ppb
Silver	109-1	0.42	0.40	0.41	0.41	3.06	ppb
Sodium	23-2	221.90	207.86	211.74	213.83	3.39	ppb
Strontium	86-1	0.33	0.35	0.36	0.35	3.98	ppb
Strontium	88-1	0.38	0.38	0.38	0.38	0.45	ppb
Sulfur	34-1	-89.21	-363.43	-225.04	-225.90		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.37	0.38	0.38	1.57	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	0.84	ppb
Tin	118-1	0.42	0.40	0.40	0.41	3.39	ppb
Titanium	47-1	0.40	0.40	0.39	0.40	0.74	ppb
Uranium	238-1	0.37	0.37	0.37	0.37	0.38	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

P1187-03

Instrumnet Name :

P8

Client Sample ID :

MDL-SOIL-03-QT1-2024

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 14:37:29

DataFile Name :

028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.42	0.41	0.43	0.42	2.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	0.90	0.81	0.80	0.84	6.38	ppb
Zirconium	90-1	0.39	0.39	0.38	0.38	1.20	ppb
Zirconium	91-1	0.37	0.41	0.39	0.39	5.15	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT1-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:41:31 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.47	8.24	7.28	7.67	6.62	ppb
Antimony	121-1	0.41	0.39	0.40	0.40	1.83	ppb
Arsenic	75-2	0.40	0.40	0.38	0.40	2.78	ppb
Barium	135-1	1.94	2.06	1.99	2.00	3.06	ppb
Barium	137-1	1.99	2.04	2.05	2.03	1.65	ppb
Beryllium	9-1	0.40	0.40	0.39	0.40	1.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.40	0.52	0.46	0.46	13.92	ppb
Cadmium	106-1	0.45	0.67	-0.50	0.21	297.26	ppb
Cadmium	111-1	0.41	0.42	0.40	0.41	2.04	ppb
Calcium	43-1	187.92	191.03	192.21	190.39	1.16	ppb
Calcium	44-1	189.76	192.72	194.37	192.28	1.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.41	0.42	0.42	0.98	ppb
Cobalt	59-2	0.40	0.43	0.38	0.41	5.74	ppb
Copper	63-2	0.85	0.82	0.76	0.81	5.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	36.54	35.04	35.90	35.83	2.10	ppb
Iron	56-2	34.92	34.96	34.50	34.79	0.74	ppb
Iron	57-2	35.04	35.73	34.72	35.16	1.47	ppb
Krypton	83-1						cps
Lead	206-1	0.42	0.42	0.41	0.42	0.47	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT1-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:41:31 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.41	0.42	0.41	0.41	1.04	ppb
Lead	208-1	0.41	0.42	0.41	0.41	0.85	ppb
Lithium	6-1				105		%
Magnesium	24-2	227.74	230.05	233.21	230.33	1.19	ppb
Manganese	55-2	0.84	0.86	0.84	0.85	1.65	ppb
Molybdenum	94-1	1.09	1.06	1.06	1.07	1.45	ppb
Molybdenum	95-1	0.41	0.40	0.41	0.41	1.92	ppb
Molybdenum	96-1	0.45	0.44	0.45	0.45	0.37	ppb
Molybdenum	97-1	0.42	0.39	0.40	0.40	4.61	ppb
Molybdenum	98-1	0.39	0.41	0.40	0.40	1.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.49	0.47	0.47	3.31	ppb
Phosphorus	31-2	-3.88	-13.82	-9.08	-8.93		ppb
Potassium	39-2	132.71	136.77	134.70	134.73	1.50	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	4.41	4.74	4.78	4.64	4.48	ppb
Selenium	77-2	7.35	5.10	4.43	5.62	27.19	ppb
Selenium	78-2	5.00	4.95	3.46	4.47	19.50	ppb
Silicon	28-1	-0.38	-0.23	-0.07	-0.23		ppb
Silver	107-1	0.41	0.42	0.40	0.41	2.38	ppb
Silver	109-1	0.42	0.41	0.41	0.41	1.84	ppb
Sodium	23-2	220.05	219.11	217.72	218.96	0.54	ppb
Strontium	86-1	0.41	0.34	0.38	0.38	8.91	ppb
Strontium	88-1	0.37	0.38	0.38	0.38	1.62	ppb
Sulfur	34-1	-258.05	-139.67	-48.28	-148.66		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.36	0.37	0.37	0.37	1.37	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	0.87	ppb
Tin	118-1	0.40	0.42	0.41	0.41	2.87	ppb
Titanium	47-1	0.40	0.41	0.42	0.41	2.13	ppb
Uranium	238-1	0.37	0.38	0.38	0.37	2.00	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

P1601-02

Instrumnet Name :

P8

Client Sample ID :

MDL-WATER-QT1-2024-

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 14:41:31

DataFile Name :

029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.39	0.44	0.42	0.41	5.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.92	0.86	0.90	0.89	3.55	ppb
Zirconium	90-1	0.38	0.40	0.38	0.39	2.62	ppb
Zirconium	91-1	0.38	0.41	0.37	0.39	5.23	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT1-2024-02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:44:56 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.24	6.42	7.31	7.32	12.47	ppb
Antimony	121-1	0.41	0.41	0.41	0.41	0.65	ppb
Arsenic	75-2	0.43	0.41	0.32	0.39	15.33	ppb
Barium	135-1	2.03	2.03	2.04	2.04	0.36	ppb
Barium	137-1	2.00	2.09	2.11	2.07	2.92	ppb
Beryllium	9-1	0.40	0.40	0.41	0.40	1.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.47	0.47	0.48	0.47	1.90	ppb
Cadmium	106-1	0.14	0.64	-0.09	0.23	161.40	ppb
Cadmium	111-1	0.37	0.41	0.41	0.40	4.73	ppb
Calcium	43-1	193.59	199.80	196.83	196.74	1.58	ppb
Calcium	44-1	191.58	194.42	193.79	193.26	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.38	0.40	0.37	0.38	4.68	ppb
Cobalt	59-2	0.42	0.43	0.41	0.42	3.31	ppb
Copper	63-2	0.85	0.82	0.84	0.84	1.54	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				103		%
Indium	115-2				103		%
Iron	54-2	30.64	34.90	35.08	33.54	7.49	ppb
Iron	56-2	33.72	34.57	34.83	34.37	1.69	ppb
Iron	57-2	33.63	34.54	34.06	34.08	1.34	ppb
Krypton	83-1						cps
Lead	206-1	0.40	0.41	0.43	0.41	3.82	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT1-2024-02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:44:56 DataFile Name : 030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.42	0.43	0.42	0.43	1.22	ppb
Lead	208-1	0.42	0.41	0.43	0.42	1.64	ppb
Lithium	6-1				104		%
Magnesium	24-2	228.26	228.30	226.57	227.71	0.43	ppb
Manganese	55-2	0.75	0.87	0.78	0.80	7.70	ppb
Molybdenum	94-1	1.03	1.04	1.07	1.05	1.96	ppb
Molybdenum	95-1	0.41	0.41	0.40	0.40	0.71	ppb
Molybdenum	96-1	0.46	0.47	0.48	0.47	2.28	ppb
Molybdenum	97-1	0.39	0.43	0.43	0.42	5.13	ppb
Molybdenum	98-1	0.40	0.40	0.39	0.40	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.34	0.38	0.41	0.38	9.22	ppb
Phosphorus	31-2	-13.25	-5.93	-10.91	-10.03		ppb
Potassium	39-2	131.61	133.63	132.65	132.63	0.76	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	5.04	4.45	4.09	4.53	10.59	ppb
Selenium	77-2	3.69	3.76	5.95	4.47	28.78	ppb
Selenium	78-2	3.69	3.76	2.15	3.20	28.40	ppb
Silicon	28-1	-0.08	0.49	-0.11	0.10	337.33	ppb
Silver	107-1	0.41	0.42	0.43	0.42	1.87	ppb
Silver	109-1	0.41	0.43	0.42	0.42	2.67	ppb
Sodium	23-2	212.11	219.40	216.21	215.91	1.69	ppb
Strontium	86-1	0.33	0.38	0.38	0.36	7.50	ppb
Strontium	88-1	0.37	0.39	0.38	0.38	1.81	ppb
Sulfur	34-1	7.13	95.81	80.31	61.08	77.54	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.38	0.38	0.37	0.38	1.48	ppb
Thallium	205-1	0.38	0.38	0.39	0.38	1.38	ppb
Tin	118-1	0.42	0.40	0.43	0.42	2.98	ppb
Titanium	47-1	0.42	0.42	0.43	0.42	1.37	ppb
Uranium	238-1	0.38	0.38	0.37	0.38	0.87	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

P1601-04

Instrumnet Name :

P8

Client Sample ID :

MDL-SOIL-QT1-2024-02

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 14:44:56

DataFile Name :

030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.42	0.35	0.42	0.39	10.20	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	1.01	0.84	0.77	0.87	14.45	ppb
Zirconium	90-1	0.40	0.39	0.38	0.39	1.90	ppb
Zirconium	91-1	0.37	0.38	0.38	0.38	1.99	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.42	-0.79	-0.80	-0.67		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	11.99	ppb
Arsenic	75-2	0.01	0.00	0.00	0.01	79.52	ppb
Barium	135-1	0.04	0.03	0.04	0.04	20.97	ppb
Barium	137-1	0.03	0.02	0.02	0.02	11.48	ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.03	0.00	0.03	77.75	ppb
Cadmium	106-1	0.59	1.06	0.21	0.62	68.85	ppb
Cadmium	111-1	0.01	0.02	0.00	0.01	77.88	ppb
Calcium	43-1	1.20	-0.09	0.66	0.59	109.19	ppb
Calcium	44-1	0.86	1.22	1.20	1.09	18.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	0.02	0.01	81.61	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.07	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	0.13	0.25	0.74	0.37	84.99	ppb
Iron	56-2	0.12	0.12	0.09	0.11	15.00	ppb
Iron	57-2	-0.02	-0.16	-0.17	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.02	13.29	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.02	0.01	0.03	0.02	34.99	ppb
Lead	208-1	0.02	0.02	0.02	0.02	19.30	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.59	-0.35	-0.32	-0.42		ppb
Manganese	55-2	0.04	0.03	-0.01	0.02	140.77	ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	42.64	ppb
Molybdenum	95-1	0.01	0.00	0.01	0.01	16.43	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	239.45	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	262.24	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	495.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.00	0.00		ppb
Phosphorus	31-2	-17.15	-20.40	-21.56	-19.70		ppb
Potassium	39-2	8.43	15.34	11.93	11.90	29.02	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	0.15	-0.39	0.06	-0.06		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.12	-0.08	-0.08	-0.01		ppb
Silicon	28-1	-0.35	-0.31	-0.13	-0.26		ppb
Silver	107-1	0.01	0.01	0.00	0.01	30.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.15	ppb
Sodium	23-2	7.71	9.87	9.85	9.14	13.58	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	72.73	ppb
Sulfur	34-1	9.66	76.51	223.42	103.20	105.96	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.00	0.00	0.00	139.40	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	128.48	ppb
Tin	118-1	0.00	0.00	0.01	0.00	183.67	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	16230.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	26.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	0.10	0.08	0.23	0.14	62.30	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	234.34	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52123.43	50698.44	50194.37	51005.41	1.96	ppb
Antimony	121-1	483.41	478.09	480.76	480.75	0.55	ppb
Arsenic	75-2	495.14	488.11	479.02	487.42	1.66	ppb
Barium	135-1	2483.44	2477.07	2472.51	2477.67	0.22	ppb
Barium	137-1	2485.32	2501.55	2487.83	2491.57	0.35	ppb
Beryllium	9-1	513.34	509.99	512.97	512.10	0.36	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	486.87	478.14	475.97	480.33	1.20	ppb
Cadmium	106-1	477.81	481.09	481.35	480.08	0.41	ppb
Cadmium	111-1	481.55	475.62	484.73	480.63	0.96	ppb
Calcium	43-1	241038.14	245827.85	247476.72	244780.90	1.37	ppb
Calcium	44-1	244458.89	248964.40	250317.23	247913.51	1.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.25	505.71	501.88	510.61	2.34	ppb
Cobalt	59-2	508.07	502.32	494.82	501.74	1.32	ppb
Copper	63-2	4930.73	4830.86	4829.32	4863.64	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	54-2	132711.73	128991.41	128601.92	130101.68	1.74	ppb
Iron	56-2	133814.06	127787.56	128986.88	130196.16	2.45	ppb
Iron	57-2	132138.98	127775.75	127675.46	129196.73	1.97	ppb
Krypton	83-1						cps
Lead	206-1	2533.56	2516.90	2579.27	2543.24	1.27	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2540.95	2528.84	2584.77	2551.52	1.15	ppb
Lead	208-1	2545.00	2525.99	2562.14	2544.37	0.71	ppb
Lithium	6-1				87		%
Magnesium	24-2	284072.17	274599.94	276589.78	278420.63	1.79	ppb
Manganese	55-2	5141.03	4970.05	5027.34	5046.14	1.72	ppb
Molybdenum	94-1	4900.29	4968.86	5047.95	4972.37	1.49	ppb
Molybdenum	95-1	4798.49	4902.90	4964.54	4888.65	1.72	ppb
Molybdenum	96-1	4834.65	4880.92	4947.52	4887.70	1.16	ppb
Molybdenum	97-1	4867.60	4895.29	5055.44	4939.44	2.05	ppb
Molybdenum	98-1	4918.99	4952.26	5068.14	4979.80	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.55	463.72	463.88	468.72	1.82	ppb
Phosphorus	31-2	10343.41	9730.85	10081.23	10051.83	3.06	ppb
Potassium	39-2	128310.29	123737.58	126116.67	126054.85	1.81	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	82-1	467.61	478.08	479.78	475.16	1.39	ppb
Selenium	77-2	460.74	474.59	468.76	468.03	1.49	ppb
Selenium	78-2	506.66	467.75	466.06	480.16	4.78	ppb
Silicon	28-1	892.51	909.65	909.83	904.00	1.10	ppb
Silver	107-1	467.65	466.40	463.72	465.92	0.43	ppb
Silver	109-1	464.98	459.55	467.52	464.02	0.88	ppb
Sodium	23-2	268028.99	258993.91	262352.77	263125.22	1.74	ppb
Strontium	86-1	490.37	500.40	505.54	498.77	1.55	ppb
Strontium	88-1	485.43	491.12	491.70	489.42	0.71	ppb
Sulfur	34-1	10312.41	10260.64	10268.01	10280.35	0.27	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	505.77	498.54	507.23	503.85	0.92	ppb
Thallium	205-1	495.55	500.63	512.55	502.91	1.74	ppb
Tin	118-1	489.56	480.71	497.15	489.14	1.68	ppb
Titanium	47-1	4900.35	5024.10	5055.29	4993.25	1.64	ppb
Uranium	238-1	520.40	516.64	529.78	522.27	1.30	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.18	496.05	499.09	503.44	2.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				98		%
Zinc	66-2	4925.56	4777.95	4897.46	4866.99	1.61	ppb
Zirconium	90-1	491.33	507.83	511.92	503.70	2.16	ppb
Zirconium	91-1	481.92	503.44	504.55	496.63	2.57	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.38	0.02	0.24	0.21	86.36	ppb
Antimony	121-1	0.11	0.10	0.08	0.10	16.36	ppb
Arsenic	75-2	0.00	0.04	-0.01	0.01	221.75	ppb
Barium	135-1	0.08	0.06	0.05	0.06	28.40	ppb
Barium	137-1	0.07	0.06	0.06	0.06	9.41	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	10.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.07	0.02	0.06	57.76	ppb
Cadmium	106-1	-1.23	-0.87	-1.14	-1.08		ppb
Cadmium	111-1	0.00	-0.01	-0.01	-0.01		ppb
Calcium	43-1	5.89	7.63	4.55	6.02	25.66	ppb
Calcium	44-1	8.07	7.05	5.27	6.80	20.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.01	0.00	336.08	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	112.08	ppb
Copper	63-2	0.20	0.10	0.11	0.14	40.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	54-2	4.04	2.66	3.50	3.40	20.39	ppb
Iron	56-2	3.00	2.98	2.91	2.96	1.48	ppb
Iron	57-2	3.40	2.95	3.38	3.24	7.77	ppb
Krypton	83-1						cps
Lead	206-1	0.23	0.21	0.17	0.20	15.65	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.24	0.20	0.18	0.21	14.07	ppb
Lead	208-1	0.24	0.21	0.18	0.21	14.53	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.04	4.69	4.62	4.78	4.70	ppb
Manganese	55-2	0.16	0.16	0.11	0.14	21.94	ppb
Molybdenum	94-1	0.33	0.30	0.24	0.29	15.00	ppb
Molybdenum	95-1	0.29	0.25	0.23	0.26	12.46	ppb
Molybdenum	96-1	0.29	0.27	0.21	0.25	15.89	ppb
Molybdenum	97-1	0.27	0.23	0.21	0.24	14.28	ppb
Molybdenum	98-1	0.29	0.24	0.21	0.24	17.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.05	-0.10	-0.04		ppb
Phosphorus	31-2	-6.91	-24.14	-22.34	-17.80		ppb
Potassium	39-2	19.29	17.42	16.52	17.75	7.98	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	-0.05	-0.08	0.07	-0.02		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.56	-0.09	0.12	309.88	ppb
Silicon	28-1	-0.36	-0.07	-0.41	-0.28		ppb
Silver	107-1	0.08	0.07	0.05	0.06	24.11	ppb
Silver	109-1	0.08	0.06	0.05	0.06	25.73	ppb
Sodium	23-2	30.70	30.33	28.08	29.71	4.78	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	529.38	ppb
Strontium	88-1	0.02	0.02	0.01	0.02	17.13	ppb
Sulfur	34-1	-1197.29	-1001.28	-1073.40	-1090.66		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	14.90	ppb
Thallium	205-1	0.04	0.03	0.02	0.03	21.16	ppb
Tin	118-1	0.02	0.06	0.02	0.03	69.68	ppb
Titanium	47-1	0.20	0.16	0.09	0.15	34.91	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	24.60	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.00	0.01	67.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	0.07	0.11	0.02	0.07	64.59	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	12.66	ppb
Zirconium	91-1	0.06	0.04	0.04	0.05	25.35	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.70	39.36	42.12	40.73	3.38	ppb
Antimony	121-1	4.03	4.06	4.11	4.07	1.03	ppb
Arsenic	75-2	2.30	2.25	2.27	2.27	1.21	ppb
Barium	135-1	20.03	20.56	20.86	20.48	2.07	ppb
Barium	137-1	20.78	20.69	20.95	20.81	0.64	ppb
Beryllium	9-1	2.03	2.10	2.10	2.08	1.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	2.27	2.10	2.09	2.15	4.65	ppb
Cadmium	106-1	3.03	2.02	1.51	2.19	35.49	ppb
Cadmium	111-1	2.12	2.17	2.12	2.14	1.39	ppb
Calcium	43-1	1009.68	1021.45	1046.66	1025.93	1.84	ppb
Calcium	44-1	1012.15	1027.28	1056.03	1031.82	2.16	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.98	3.93	3.93	3.95	0.70	ppb
Cobalt	59-2	2.13	2.08	2.17	2.13	2.12	ppb
Copper	63-2	4.76	4.60	4.69	4.68	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	54-2	444.97	432.38	447.72	441.69	1.85	ppb
Iron	56-2	441.04	433.29	439.39	437.90	0.93	ppb
Iron	57-2	437.03	425.06	440.78	434.29	1.89	ppb
Krypton	83-1						cps
Lead	206-1	2.02	2.03	2.05	2.03	0.81	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.02	2.05	2.14	2.07	2.99	ppb
Lead	208-1	2.02	2.02	2.08	2.04	1.75	ppb
Lithium	6-1				102		%
Magnesium	24-2	1111.17	1101.66	1117.95	1110.26	0.74	ppb
Manganese	55-2	2.05	2.13	2.22	2.13	4.08	ppb
Molybdenum	94-1	11.77	12.01	12.31	12.03	2.25	ppb
Molybdenum	95-1	9.85	10.03	10.57	10.15	3.70	ppb
Molybdenum	96-1	9.93	10.07	10.56	10.19	3.25	ppb
Molybdenum	97-1	9.95	10.24	10.41	10.20	2.25	ppb
Molybdenum	98-1	9.78	10.01	10.30	10.03	2.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.09	2.10	2.03	2.07	2.04	ppb
Phosphorus	31-2	42.22	32.91	32.95	36.03	14.88	ppb
Potassium	39-2	1030.95	1002.09	1023.16	1018.73	1.47	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	82-1	10.62	10.57	11.16	10.78	3.01	ppb
Selenium	77-2	5.79	6.55	14.68	9.01	54.70	ppb
Selenium	78-2	11.89	10.20	8.53	10.21	16.49	ppb
Silicon	28-1	9.74	9.89	10.30	9.97	2.88	ppb
Silver	107-1	2.06	2.07	2.15	2.10	2.29	ppb
Silver	109-1	2.08	2.11	2.14	2.11	1.36	ppb
Sodium	23-2	1088.79	1057.35	1070.50	1072.21	1.47	ppb
Strontium	86-1	1.89	1.97	2.00	1.95	2.75	ppb
Strontium	88-1	1.90	1.92	2.02	1.95	3.48	ppb
Sulfur	34-1	83.21	92.26	235.58	137.02	62.38	ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.92	1.95	2.01	1.96	2.23	ppb
Thallium	205-1	1.93	1.99	2.00	1.97	1.97	ppb
Tin	118-1	10.38	10.20	10.48	10.36	1.35	ppb
Titanium	47-1	10.44	10.53	10.82	10.60	1.85	ppb
Uranium	238-1	1.89	1.88	1.96	1.91	2.38	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.35	10.22	10.21	10.26	0.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	11.54	10.74	11.01	11.10	3.67	ppb
Zirconium	90-1	2.00	2.03	2.14	2.06	3.74	ppb
Zirconium	91-1	1.97	2.05	2.04	2.02	2.08	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:28:50 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.92	-0.73	-0.55	-0.73		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	51.00	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	0.02	0.03	0.02	0.02	9.01	ppb
Barium	137-1	0.02	0.02	0.03	0.02	28.27	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.01	0.02	0.02	25.77	ppb
Cadmium	106-1	-0.09	0.36	-0.18	0.03	1002.44	ppb
Cadmium	111-1	-0.01	0.01	-0.01	0.00		ppb
Calcium	43-1	0.00	-0.57	-0.36	-0.31		ppb
Calcium	44-1	0.58	0.22	0.45	0.42	42.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.01	0.00	-0.01		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.10	-0.18	-0.12	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				104		%
Iron	54-2	0.20	-0.26	0.15	0.03	826.15	ppb
Iron	56-2	0.02	-0.01	-0.01	0.00		ppb
Iron	57-2	0.47	0.38	-0.38	0.15	304.20	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.01	0.01	28.75	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:28:50 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.01	0.01	33.34	ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.88	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.35	-0.28	-0.50	-0.37		ppb
Manganese	55-2	-0.01	0.00	0.00	0.00		ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	236.25	ppb
Molybdenum	95-1	0.01	0.00	0.00	0.00	41.60	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	155.55	ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	114.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.11	0.06	-0.04		ppb
Phosphorus	31-2	-17.84	-17.26	-18.21	-17.77		ppb
Potassium	39-2	7.32	9.51	8.33	8.39	13.03	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	-0.17	0.00	0.04	-0.04		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.31	-0.31	-0.24		ppb
Silicon	28-1	-0.58	-0.45	-0.47	-0.50		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.05	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.30	ppb
Sodium	23-2	8.48	8.22	8.52	8.41	1.97	ppb
Strontium	86-1	-0.02	0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	97.10	ppb
Sulfur	34-1	-206.66	-178.93	-216.19	-200.59		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	19.86	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	31.88	ppb
Tin	118-1	0.00	0.01	0.00	0.01	74.50	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	2897.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

PBS

Instrumnet Name :

P8

Client Sample ID :

PBS

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:28:50

DataFile Name :

040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.00	0.00	240.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				106		%
Zinc	66-2	0.08	-0.04	0.14	0.06	143.46	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	80.17	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.41	43.38	39.11	42.64	7.53	ppb
Antimony	121-1	3.91	3.95	4.02	3.96	1.48	ppb
Arsenic	75-2	2.06	2.40	2.35	2.27	7.98	ppb
Barium	135-1	19.70	19.93	20.48	20.04	2.00	ppb
Barium	137-1	19.81	20.51	20.32	20.21	1.79	ppb
Beryllium	9-1	2.06	2.05	2.05	2.05	0.47	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	1.89	2.20	2.00	2.03	7.69	ppb
Cadmium	106-1	2.18	1.06	2.33	1.86	37.28	ppb
Cadmium	111-1	2.06	2.06	2.09	2.07	0.78	ppb
Calcium	43-1	985.93	998.59	1009.12	997.88	1.16	ppb
Calcium	44-1	984.19	1010.06	1000.46	998.23	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.32	3.95	3.96	4.08	5.20	ppb
Cobalt	59-2	2.25	2.12	2.13	2.17	3.37	ppb
Copper	63-2	5.06	4.68	4.77	4.84	4.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	470.08	450.41	436.24	452.24	3.76	ppb
Iron	56-2	465.75	444.20	438.47	449.47	3.20	ppb
Iron	57-2	463.19	436.90	436.49	445.52	3.43	ppb
Krypton	83-1						cps
Lead	206-1	2.01	2.07	1.99	2.03	2.10	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.02	2.04	1.98	2.01	1.42	ppb
Lead	208-1	1.97	2.02	1.99	1.99	1.25	ppb
Lithium	6-1				104		%
Magnesium	24-2	1186.26	1123.88	1111.62	1140.59	3.51	ppb
Manganese	55-2	2.15	2.14	2.11	2.13	0.89	ppb
Molybdenum	94-1	11.66	11.65	11.62	11.64	0.15	ppb
Molybdenum	95-1	9.92	9.80	9.60	9.77	1.66	ppb
Molybdenum	96-1	9.87	9.99	9.72	9.86	1.37	ppb
Molybdenum	97-1	9.83	9.86	9.80	9.83	0.31	ppb
Molybdenum	98-1	9.75	9.78	9.58	9.70	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.22	2.15	1.98	2.11	5.81	ppb
Phosphorus	31-2	37.28	33.00	37.38	35.88	6.96	ppb
Potassium	39-2	1079.01	1034.96	1008.79	1040.92	3.41	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				106		%
Scandium	45-2				103		%
Selenium	82-1	10.83	10.49	10.35	10.56	2.32	ppb
Selenium	77-2	9.30	7.51	8.87	8.56	10.91	ppb
Selenium	78-2	10.89	14.17	9.93	11.66	19.05	ppb
Silicon	28-1	9.21	9.75	9.34	9.43	2.97	ppb
Silver	107-1	1.99	2.05	2.06	2.03	1.80	ppb
Silver	109-1	1.99	2.04	2.08	2.04	2.18	ppb
Sodium	23-2	1137.53	1090.74	1081.23	1103.17	2.73	ppb
Strontium	86-1	1.86	1.88	1.85	1.86	0.66	ppb
Strontium	88-1	1.87	1.89	1.86	1.87	0.90	ppb
Sulfur	34-1	-241.13	-110.74	-249.63	-200.50		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	1.88	1.93	1.92	1.91	1.46	ppb
Thallium	205-1	1.87	1.95	1.90	1.91	2.06	ppb
Tin	118-1	9.91	10.03	10.13	10.03	1.13	ppb
Titanium	47-1	10.11	10.32	10.55	10.32	2.14	ppb
Uranium	238-1	1.82	1.90	1.83	1.85	2.11	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.82	10.24	10.15	10.40	3.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	11.47	10.62	10.54	10.88	4.75	ppb
Zirconium	90-1	1.99	2.00	1.95	1.98	1.29	ppb
Zirconium	91-1	1.92	1.98	1.89	1.93	2.27	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:35:34 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.76	-0.47	-0.98	-0.74		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	55.22	ppb
Arsenic	75-2	0.01	-0.01	0.00	0.00	348.38	ppb
Barium	135-1	0.02	0.01	0.04	0.03	54.11	ppb
Barium	137-1	0.02	0.02	0.02	0.02	9.93	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	25.94	ppb
Cadmium	106-1	-0.57	-1.29	0.20	-0.55		ppb
Cadmium	111-1	-0.01	-0.03	0.00	-0.01		ppb
Calcium	43-1	-0.09	2.62	-0.44	0.70	240.09	ppb
Calcium	44-1	0.80	0.67	0.52	0.66	20.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	-0.10	-0.09	-0.09	-0.10		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	54-2	0.35	-0.24	0.57	0.23	182.95	ppb
Iron	56-2	-0.08	0.01	-0.07	-0.05		ppb
Iron	57-2	0.13	0.22	-0.43	-0.03		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.00	80.16	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:35:34 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.00	0.01	0.01	83.13	ppb
Lead	208-1	0.01	0.01	0.00	0.01	34.76	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.34	-0.86	-0.58	-0.59		ppb
Manganese	55-2	-0.02	0.02	-0.01	0.00		ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	1.87	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.00	131.01	ppb
Molybdenum	96-1	0.01	0.01	0.00	0.00	71.95	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	129.54	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	55.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.06	-0.02		ppb
Phosphorus	31-2	-19.12	-24.25	-18.10	-20.49		ppb
Potassium	39-2	10.00	7.99	9.69	9.23	11.73	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	82-1	-0.13	-0.15	0.07	-0.07		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.09	0.34	0.05	471.51	ppb
Silicon	28-1	-0.55	-0.35	-0.23	-0.38		ppb
Silver	107-1	0.01	0.01	0.01	0.01	42.29	ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.02	ppb
Sodium	23-2	6.17	6.35	6.49	6.34	2.50	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	38.80	ppb
Sulfur	34-1	-277.22	-265.93	-201.38	-248.18		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.00	0.01	31.06	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.43	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	363.97	ppb
Titanium	47-1	0.00	-0.02	0.00	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

PBS 6020

Instrumnet Name :

P8

Client Sample ID :

PBS 6020

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:35:34

DataFile Name :

042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	1.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	-0.06	0.06	-0.05	-0.01		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	51.80	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9769.42	9803.88	9614.37	9729.22	1.04	ppb
Antimony	121-1	507.91	509.57	494.52	504.00	1.64	ppb
Arsenic	75-2	522.02	519.42	494.87	512.10	2.92	ppb
Barium	135-1	2515.41	2515.11	2486.97	2505.83	0.65	ppb
Barium	137-1	2499.27	2526.84	2457.95	2494.69	1.39	ppb
Beryllium	9-1	505.82	502.70	501.37	503.30	0.45	ppb
Bismuth	209-1				94		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	502.23	503.89	496.14	500.75	0.81	ppb
Cadmium	106-1	511.46	515.10	499.79	508.78	1.57	ppb
Cadmium	111-1	521.47	517.19	500.93	513.20	2.11	ppb
Calcium	43-1	49233.89	50960.70	49057.39	49750.66	2.11	ppb
Calcium	44-1	49353.51	50435.65	48261.01	49350.06	2.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.79	517.84	512.45	519.36	1.50	ppb
Cobalt	59-2	524.65	524.14	503.57	517.45	2.32	ppb
Copper	63-2	5232.01	5203.93	5164.02	5199.99	0.66	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				98		%
Indium	115-2				98		%
Iron	54-2	27407.37	26926.63	26627.68	26987.23	1.46	ppb
Iron	56-2	26246.54	26330.21	25653.14	26076.63	1.42	ppb
Iron	57-2	26475.28	26691.66	26592.05	26586.33	0.41	ppb
Krypton	83-1						cps
Lead	206-1	2494.08	2547.39	2448.44	2496.64	1.98	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2483.26	2501.94	2452.83	2479.34	1.00	ppb
Lead	208-1	2491.55	2502.21	2439.67	2477.81	1.35	ppb
Lithium	6-1				96		%
Magnesium	24-2	56376.43	56056.27	55516.44	55983.05	0.78	ppb
Manganese	55-2	5160.49	5136.84	4981.75	5093.03	1.91	ppb
Molybdenum	94-1	5099.23	5101.68	4852.47	5017.80	2.85	ppb
Molybdenum	95-1	5155.72	5111.95	4852.45	5040.04	3.25	ppb
Molybdenum	96-1	5112.64	5106.02	4883.39	5034.02	2.59	ppb
Molybdenum	97-1	5070.11	5105.28	4938.74	5038.04	1.74	ppb
Molybdenum	98-1	5051.98	5120.75	4927.47	5033.40	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.12	497.88	491.30	495.76	0.78	ppb
Phosphorus	31-2	10049.00	10165.01	9818.42	10010.81	1.76	ppb
Potassium	39-2	25188.14	25140.43	24806.78	25045.12	0.83	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	514.70	514.68	494.70	508.03	2.27	ppb
Selenium	77-2	512.72	478.01	526.05	505.59	4.91	ppb
Selenium	78-2	549.75	516.71	496.76	521.07	5.14	ppb
Silicon	28-1	567.33	569.89	544.36	560.53	2.51	ppb
Silver	107-1	515.94	510.88	503.76	510.19	1.20	ppb
Silver	109-1	510.36	506.68	500.73	505.92	0.96	ppb
Sodium	23-2	52753.33	52551.04	51931.09	52411.82	0.82	ppb
Strontium	86-1	507.94	520.44	503.23	510.54	1.74	ppb
Strontium	88-1	513.83	510.05	494.51	506.13	2.02	ppb
Sulfur	34-1	9883.43	10156.68	9555.49	9865.20	3.05	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	497.02	498.69	484.03	493.25	1.63	ppb
Thallium	205-1	498.03	505.02	485.36	496.14	2.01	ppb
Tin	118-1	506.68	515.17	492.76	504.87	2.24	ppb
Titanium	47-1	4974.23	5023.93	4828.91	4942.36	2.05	ppb
Uranium	238-1	491.71	487.14	477.87	485.58	1.45	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	517.33	509.89	499.18	508.80	1.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	5149.43	5178.77	5115.25	5147.82	0.62	ppb
Zirconium	90-1	509.16	507.17	490.42	502.25	2.05	ppb
Zirconium	91-1	514.05	512.00	480.99	502.35	3.69	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:41:40 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-0.09	-0.46	-0.31		ppb
Antimony	121-1	0.10	0.08	0.07	0.08	13.52	ppb
Arsenic	75-2	0.00	0.01	0.03	0.01	77.94	ppb
Barium	135-1	0.12	0.10	0.08	0.10	21.35	ppb
Barium	137-1	0.11	0.05	0.06	0.08	38.25	ppb
Beryllium	9-1	0.08	0.05	0.05	0.06	26.77	ppb
Bismuth	209-1				92		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.02	0.07	0.06	54.04	ppb
Cadmium	106-1	-0.70	-1.35	-1.03	-1.02		ppb
Cadmium	111-1	0.02	-0.01	-0.02	0.00	3200.80	ppb
Calcium	43-1	5.42	2.00	2.27	3.23	58.82	ppb
Calcium	44-1	5.74	2.45	2.04	3.41	59.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.02	0.01	30.93	ppb
Copper	63-2	0.12	0.15	0.14	0.14	9.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				102		%
Iron	54-2	0.85	1.02	1.14	1.00	14.69	ppb
Iron	56-2	0.63	0.57	0.72	0.64	11.79	ppb
Iron	57-2	0.57	0.57	0.82	0.66	21.64	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.15	0.12	0.16	26.26	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:41:40 DataFile Name : 044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.23	0.14	0.12	0.16	33.65	ppb
Lead	208-1	0.22	0.15	0.13	0.17	30.85	ppb
Lithium	6-1				92		%
Magnesium	24-2	0.44	0.08	0.32	0.28	66.49	ppb
Manganese	55-2	0.21	0.18	0.19	0.19	8.48	ppb
Molybdenum	94-1	0.32	0.20	0.17	0.23	34.45	ppb
Molybdenum	95-1	0.31	0.21	0.21	0.25	23.38	ppb
Molybdenum	96-1	0.30	0.20	0.20	0.23	23.28	ppb
Molybdenum	97-1	0.36	0.20	0.19	0.25	38.52	ppb
Molybdenum	98-1	0.34	0.21	0.20	0.25	31.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	0.05	0.02	99.02	ppb
Phosphorus	31-2	-20.92	-16.86	-12.41	-16.73		ppb
Potassium	39-2	15.73	15.10	14.64	15.16	3.61	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				95		%
Scandium	45-2				103		%
Selenium	82-1	0.35	-0.12	-0.16	0.02	1221.50	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.09	-0.09	-0.09		ppb
Silicon	28-1	4.02	0.76	0.12	1.63	128.20	ppb
Silver	107-1	0.08	0.05	0.04	0.06	35.78	ppb
Silver	109-1	0.08	0.06	0.05	0.06	29.79	ppb
Sodium	23-2	16.13	15.33	15.99	15.81	2.71	ppb
Strontium	86-1	0.04	0.02	0.00	0.02	113.01	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	42.32	ppb
Sulfur	34-1	613.55	-525.59	-751.05	-221.03		ppb
Terbium	159-1				93		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.03	0.03	0.04	32.66	ppb
Thallium	205-1	0.05	0.03	0.03	0.04	24.03	ppb
Tin	118-1	0.06	0.02	0.03	0.03	52.80	ppb
Titanium	47-1	0.21	0.14	0.11	0.15	33.52	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	37.64	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

PBW 6020

Instrumnet Name :

P8

Client Sample ID :

PBW 6020

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:41:40

DataFile Name :

044CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	8.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				105		%
Zinc	66-2	0.28	0.25	0.20	0.25	16.20	ppb
Zirconium	90-1	0.03	0.02	0.01	0.02	44.05	ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	88.65	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9813.06	8330.99	8904.95	9016.34	8.29	ppb
Antimony	121-1	527.38	513.32	508.18	516.29	1.92	ppb
Arsenic	75-2	506.35	436.69	465.43	469.49	7.46	ppb
Barium	135-1	2607.10	2541.06	2490.66	2546.27	2.29	ppb
Barium	137-1	2605.14	2596.11	2448.57	2549.94	3.45	ppb
Beryllium	9-1	510.90	514.63	502.12	509.22	1.26	ppb
Bismuth	209-1				94		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	524.95	507.40	504.04	512.13	2.19	ppb
Cadmium	106-1	522.40	512.85	506.60	513.95	1.55	ppb
Cadmium	111-1	530.35	526.32	510.22	522.30	2.04	ppb
Calcium	43-1	51194.29	50942.54	49807.40	50648.07	1.46	ppb
Calcium	44-1	50988.24	51023.41	49637.10	50549.58	1.56	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.16	432.27	462.11	472.52	9.81	ppb
Cobalt	59-2	533.42	450.65	484.48	489.52	8.50	ppb
Copper	63-2	5234.36	4442.96	4744.28	4807.20	8.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				110		%
Indium	115-1				97		%
Indium	115-2				106		%
Iron	54-2	27200.60	22951.07	24047.33	24733.00	8.92	ppb
Iron	56-2	26613.07	22701.52	24076.61	24463.73	8.11	ppb
Iron	57-2	26446.75	22698.38	24310.91	24485.35	7.68	ppb
Krypton	83-1						cps
Lead	206-1	2549.53	2583.35	2515.46	2549.45	1.33	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2538.20	2550.69	2487.07	2525.32	1.33	ppb
Lead	208-1	2526.96	2534.36	2486.23	2515.85	1.03	ppb
Lithium	6-1				95		%
Magnesium	24-2	55384.58	47609.47	51224.06	51406.04	7.57	ppb
Manganese	55-2	5200.65	4456.47	4683.15	4780.09	7.98	ppb
Molybdenum	94-1	5110.87	5057.09	5006.36	5058.11	1.03	ppb
Molybdenum	95-1	5048.54	5039.05	5095.10	5060.90	0.59	ppb
Molybdenum	96-1	5058.94	4962.44	5074.43	5031.94	1.21	ppb
Molybdenum	97-1	5024.40	4993.83	5079.67	5032.64	0.86	ppb
Molybdenum	98-1	5063.71	5087.89	5041.42	5064.34	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.71	430.70	453.86	461.42	7.61	ppb
Phosphorus	31-2	10512.63	8828.58	9462.63	9601.28	8.86	ppb
Potassium	39-2	25012.94	21500.79	22649.47	23054.40	7.77	ppb
Rhodium	103-1				94		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				111		%
Selenium	82-1	516.73	513.45	515.07	515.08	0.32	ppb
Selenium	77-2	510.76	414.41	488.90	471.35	10.72	ppb
Selenium	78-2	499.80	436.48	443.84	460.04	7.53	ppb
Silicon	28-1	663.48	669.51	652.33	661.77	1.32	ppb
Silver	107-1	521.45	510.90	505.84	512.73	1.55	ppb
Silver	109-1	528.42	510.11	511.83	516.79	1.96	ppb
Sodium	23-2	52568.55	44641.56	47452.07	48220.73	8.33	ppb
Strontium	86-1	515.61	516.61	511.44	514.55	0.53	ppb
Strontium	88-1	504.26	499.57	505.36	503.07	0.61	ppb
Sulfur	34-1	10427.79	10400.52	10418.46	10415.59	0.13	ppb
Terbium	159-1				99		%
Terbium	159-2				109		%
Thallium	203-1	498.46	507.67	500.58	502.23	0.96	ppb
Thallium	205-1	507.30	505.32	503.05	505.22	0.42	ppb
Tin	118-1	530.51	512.05	508.47	517.01	2.29	ppb
Titanium	47-1	5081.67	5102.58	4974.54	5052.93	1.36	ppb
Uranium	238-1	492.34	493.04	482.07	489.15	1.26	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	513.88	435.86	466.49	472.08	8.33	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				112		%
Zinc	66-2	5277.64	4473.89	4827.03	4859.52	8.29	ppb
Zirconium	90-1	509.58	510.16	506.36	508.70	0.40	ppb
Zirconium	91-1	509.81	500.05	501.35	503.73	1.05	ppb

LB Number :LB134335Operator :Jaswal

Lab Sample ID :PBW 200.8Instrumnet Name :P8

Client Sample ID :PBW 200.8Dilution Factor :1

Date & Time Acquired :2025-01-17 15:47:45DataFile Name :046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	-0.40	-0.67	-0.51		ppb
Antimony	121-1	0.09	0.08	0.08	0.08	6.46	ppb
Arsenic	75-2	0.03	-0.01	0.02	0.01	155.92	ppb
Barium	135-1	0.06	0.06	0.05	0.06	15.24	ppb
Barium	137-1	0.05	0.05	0.06	0.06	8.22	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	2.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.04	0.04	0.04	35.18	ppb
Cadmium	106-1	-0.42	-0.15	-0.74	-0.44		ppb
Cadmium	111-1	0.01	0.01	0.00	0.01	90.85	ppb
Calcium	43-1	2.76	2.76	2.78	2.76	0.42	ppb
Calcium	44-1	2.07	2.52	1.87	2.15	15.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	0.00	0.00		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	36.16	ppb
Copper	63-2	0.13	0.10	0.08	0.10	26.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	0.62	0.83	0.76	0.74	14.70	ppb
Iron	56-2	0.59	0.61	0.54	0.58	5.93	ppb
Iron	57-2	0.86	0.03	0.74	0.54	83.19	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.17	0.15	0.16	6.11	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:47:45 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.17	0.13	0.15	11.23	ppb
Lead	208-1	0.16	0.16	0.15	0.16	5.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.20	0.09	0.10	0.13	46.88	ppb
Manganese	55-2	0.18	0.19	0.24	0.20	17.13	ppb
Molybdenum	94-1	0.19	0.16	0.19	0.18	8.88	ppb
Molybdenum	95-1	0.18	0.17	0.20	0.18	7.97	ppb
Molybdenum	96-1	0.19	0.19	0.19	0.19	1.73	ppb
Molybdenum	97-1	0.18	0.20	0.18	0.19	5.82	ppb
Molybdenum	98-1	0.18	0.19	0.18	0.19	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	-0.03	0.00		ppb
Phosphorus	31-2	-23.63	-15.82	-20.52	-19.99		ppb
Potassium	39-2	18.26	16.10	16.34	16.90	6.99	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	-0.02	0.01	-0.02	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.08	-0.31	-0.23		ppb
Silicon	28-1	0.05	0.40	0.01	0.15	142.65	ppb
Silver	107-1	0.07	0.05	0.04	0.05	24.82	ppb
Silver	109-1	0.06	0.05	0.04	0.05	17.08	ppb
Sodium	23-2	19.91	21.51	18.62	20.01	7.23	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	11.41	ppb
Sulfur	34-1	-799.92	-504.51	-631.75	-645.39		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.15	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	5.66	ppb
Tin	118-1	0.03	0.04	0.03	0.03	13.50	ppb
Titanium	47-1	0.11	0.13	0.11	0.12	13.41	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	18.52	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:47:45 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	11.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.24	0.32	0.49	0.35	36.03	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	15.93	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	52.45	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9618.42	9455.83	9601.03	9558.43	0.93	ppb
Antimony	121-1	494.10	503.33	500.40	499.28	0.94	ppb
Arsenic	75-2	504.71	513.20	506.87	508.26	0.87	ppb
Barium	135-1	2461.61	2498.11	2470.82	2476.85	0.77	ppb
Barium	137-1	2443.48	2534.42	2528.04	2501.98	2.03	ppb
Beryllium	9-1	495.15	504.33	502.15	500.54	0.96	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	493.74	510.17	497.79	500.57	1.71	ppb
Cadmium	106-1	495.32	505.33	498.57	499.74	1.02	ppb
Cadmium	111-1	508.26	516.98	501.67	508.97	1.51	ppb
Calcium	43-1	49447.75	47771.13	49959.05	49059.31	2.33	ppb
Calcium	44-1	49571.82	48818.41	50261.55	49550.59	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.90	507.29	508.28	509.49	0.59	ppb
Cobalt	59-2	522.22	512.98	509.22	514.81	1.30	ppb
Copper	63-2	5119.41	5133.37	5114.16	5122.32	0.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	26201.11	26366.14	26741.33	26436.19	1.05	ppb
Iron	56-2	26267.02	25606.00	25866.19	25913.07	1.29	ppb
Iron	57-2	26570.10	26061.13	26031.75	26220.99	1.15	ppb
Krypton	83-1						cps
Lead	206-1	2490.47	2480.81	2501.02	2490.77	0.41	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2475.57	2497.37	2505.92	2492.95	0.63	ppb
Lead	208-1	2473.70	2493.53	2486.82	2484.68	0.41	ppb
Lithium	6-1				93		%
Magnesium	24-2	55033.27	55701.49	54783.94	55172.90	0.86	ppb
Manganese	55-2	5099.06	4993.69	4994.62	5029.12	1.20	ppb
Molybdenum	94-1	4997.42	4930.38	4992.70	4973.50	0.75	ppb
Molybdenum	95-1	4953.23	4930.14	4964.15	4949.17	0.35	ppb
Molybdenum	96-1	4902.04	4910.39	4950.89	4921.11	0.53	ppb
Molybdenum	97-1	4946.07	4863.82	5004.51	4938.14	1.43	ppb
Molybdenum	98-1	4975.28	4895.05	5006.19	4958.84	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.73	489.80	488.27	490.27	0.46	ppb
Phosphorus	31-2	10195.97	9878.38	9812.13	9962.16	2.06	ppb
Potassium	39-2	24863.13	24355.01	24727.70	24648.61	1.07	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	504.15	493.74	504.68	500.86	1.23	ppb
Selenium	77-2	506.19	505.11	530.45	513.92	2.79	ppb
Selenium	78-2	489.12	515.63	510.45	505.07	2.78	ppb
Silicon	28-1	628.73	616.43	631.56	625.58	1.29	ppb
Silver	107-1	500.69	520.21	498.91	506.60	2.33	ppb
Silver	109-1	500.18	517.93	501.44	506.52	1.95	ppb
Sodium	23-2	51914.61	51833.71	51132.76	51627.02	0.83	ppb
Strontium	86-1	496.64	490.50	508.66	498.60	1.85	ppb
Strontium	88-1	490.63	496.97	498.90	495.50	0.87	ppb
Sulfur	34-1	9873.71	9738.31	10061.34	9891.12	1.64	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	490.56	486.55	496.39	491.16	1.01	ppb
Thallium	205-1	495.08	495.93	500.25	497.09	0.56	ppb
Tin	118-1	497.79	502.81	503.25	501.28	0.61	ppb
Titanium	47-1	4972.89	4875.52	5015.06	4954.49	1.44	ppb
Uranium	238-1	487.00	496.08	485.37	489.48	1.18	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.22	504.09	497.49	500.60	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	5177.95	5112.11	5077.25	5122.44	1.00	ppb
Zirconium	90-1	498.52	491.71	496.54	495.59	0.71	ppb
Zirconium	91-1	494.15	499.74	489.07	494.32	1.08	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:53:51 DataFile Name : 048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49564.55	50957.14	50153.61	50225.10	1.39	ppb
Antimony	121-1	474.16	476.49	469.92	473.52	0.70	ppb
Arsenic	75-2	479.25	478.94	482.60	480.26	0.42	ppb
Barium	135-1	2411.58	2426.49	2428.79	2422.29	0.39	ppb
Barium	137-1	2430.13	2442.61	2415.44	2429.40	0.56	ppb
Beryllium	9-1	505.59	496.84	499.90	500.78	0.89	ppb
Bismuth	209-1				83		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	467.14	468.53	461.84	465.84	0.76	ppb
Cadmium	106-1	467.75	471.95	469.17	469.62	0.45	ppb
Cadmium	111-1	465.55	472.25	469.34	469.05	0.72	ppb
Calcium	43-1	243854.69	242204.42	245048.98	243702.70	0.59	ppb
Calcium	44-1	243780.40	247245.59	248206.87	246410.96	0.94	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	498.32	496.68	498.29	497.76	0.19	ppb
Cobalt	59-2	483.05	492.84	491.45	489.11	1.08	ppb
Copper	63-2	4700.04	4829.36	4783.98	4771.13	1.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	54-2	126101.85	129028.17	128903.83	128011.28	1.29	ppb
Iron	56-2	125058.91	128549.93	127056.39	126888.41	1.38	ppb
Iron	57-2	126461.23	127172.36	127537.75	127057.11	0.43	ppb
Krypton	83-1						cps
Lead	206-1	2559.05	2549.85	2557.73	2555.54	0.19	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:53:51 DataFile Name : 048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2531.87	2536.21	2552.00	2540.03	0.42	ppb
Lead	208-1	2543.09	2525.01	2540.73	2536.28	0.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	269068.74	276064.54	273108.02	272747.10	1.29	ppb
Manganese	55-2	4783.19	5029.84	5005.36	4939.47	2.75	ppb
Molybdenum	94-1	4947.69	4933.77	4999.68	4960.38	0.70	ppb
Molybdenum	95-1	4888.32	4909.23	5014.46	4937.34	1.37	ppb
Molybdenum	96-1	4886.96	4907.23	4957.83	4917.34	0.74	ppb
Molybdenum	97-1	4902.41	4942.11	4979.07	4941.20	0.78	ppb
Molybdenum	98-1	4932.42	4944.76	4986.34	4954.51	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	449.76	461.31	459.54	456.87	1.36	ppb
Phosphorus	31-2	9672.25	10012.60	9727.44	9804.10	1.86	ppb
Potassium	39-2	122995.62	125117.96	123842.45	123985.35	0.86	ppb
Rhodium	103-1				85		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				97		%
Selenium	82-1	472.16	472.67	476.53	473.79	0.50	ppb
Selenium	77-2	493.40	463.11	459.99	472.17	3.91	ppb
Selenium	78-2	473.28	457.17	479.59	470.01	2.46	ppb
Silicon	28-1	889.12	880.93	895.04	888.36	0.80	ppb
Silver	107-1	458.37	459.94	460.92	459.74	0.28	ppb
Silver	109-1	453.56	462.93	460.24	458.91	1.05	ppb
Sodium	23-2	257767.89	260506.33	257886.77	258720.33	0.60	ppb
Strontium	86-1	500.73	499.15	498.44	499.44	0.23	ppb
Strontium	88-1	490.74	494.17	497.22	494.05	0.66	ppb
Sulfur	34-1	9721.53	9792.31	9923.99	9812.61	1.05	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	505.97	511.05	505.83	507.62	0.59	ppb
Thallium	205-1	513.77	510.35	503.72	509.28	1.00	ppb
Tin	118-1	472.28	489.99	478.41	480.23	1.87	ppb
Titanium	47-1	4959.71	4899.95	4945.98	4935.21	0.63	ppb
Uranium	238-1	519.27	517.98	522.11	519.78	0.41	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCV003

Instrumnet Name :

P8

Client Sample ID :

CCV003

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:53:51

DataFile Name :

048CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	485.44	495.34	492.29	491.02	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	4687.75	4783.58	4740.98	4737.44	1.01	ppb
Zirconium	90-1	501.71	500.92	510.92	504.52	1.10	ppb
Zirconium	91-1	495.83	499.02	512.51	502.45	1.76	ppb

LB Number :LB134335Operator :Jaswal

Lab Sample ID :CCB003Instrumnet Name :P8

Client Sample ID :CCB003Dilution Factor :1

Date & Time Acquired :2025-01-17 15:56:40DataFile Name :049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	0.17	-0.16	0.21	187.59	ppb
Antimony	121-1	0.17	0.13	0.12	0.14	18.46	ppb
Arsenic	75-2	0.02	-0.01	0.03	0.01	154.06	ppb
Barium	135-1	0.27	0.20	0.11	0.19	41.75	ppb
Barium	137-1	0.27	0.19	0.10	0.19	45.63	ppb
Beryllium	9-1	0.15	0.13	0.12	0.13	12.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.06	0.02	0.07	64.81	ppb
Cadmium	106-1	-0.95	-0.43	-1.01	-0.80		ppb
Cadmium	111-1	0.04	0.03	0.01	0.03	66.34	ppb
Calcium	43-1	19.96	14.90	9.12	14.66	37.02	ppb
Calcium	44-1	20.76	13.96	8.25	14.32	43.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.02	0.01	0.02	61.55	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	25.77	ppb
Copper	63-2	0.13	0.06	0.05	0.08	54.43	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				102		%
Indium	115-2				100		%
Iron	54-2	2.88	1.92	2.53	2.44	20.00	ppb
Iron	56-2	2.71	2.20	1.90	2.27	18.19	ppb
Iron	57-2	2.98	2.38	1.34	2.24	37.05	ppb
Krypton	83-1						cps
Lead	206-1	0.45	0.36	0.28	0.36	24.47	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:56:40 DataFile Name : 049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.46	0.35	0.27	0.36	26.16	ppb
Lead	208-1	0.46	0.35	0.27	0.36	25.93	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.07	2.53	2.08	2.89	36.01	ppb
Manganese	55-2	0.18	0.14	0.14	0.16	13.57	ppb
Molybdenum	94-1	0.70	0.47	0.36	0.51	34.50	ppb
Molybdenum	95-1	0.62	0.46	0.33	0.47	30.65	ppb
Molybdenum	96-1	0.63	0.47	0.32	0.48	32.54	ppb
Molybdenum	97-1	0.64	0.46	0.32	0.47	33.76	ppb
Molybdenum	98-1	0.61	0.44	0.32	0.46	31.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.03	0.01	127.43	ppb
Phosphorus	31-2	-9.50	-17.22	-22.56	-16.42		ppb
Potassium	39-2	22.47	21.94	19.42	21.28	7.65	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.41	0.05	0.10	0.18	105.47	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.08	0.60	-0.31	0.07	690.41	ppb
Silicon	28-1	0.25	0.25	0.31	0.27	13.14	ppb
Silver	107-1	0.11	0.08	0.06	0.08	33.24	ppb
Silver	109-1	0.11	0.09	0.06	0.09	27.73	ppb
Sodium	23-2	39.87	37.26	35.71	37.62	5.60	ppb
Strontium	86-1	0.03	0.04	0.01	0.03	54.59	ppb
Strontium	88-1	0.05	0.03	0.02	0.04	44.21	ppb
Sulfur	34-1	-995.15	-949.44	-863.29	-935.96		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.07	0.06	0.04	0.06	23.11	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	27.06	ppb
Tin	118-1	0.07	0.05	0.04	0.05	34.51	ppb
Titanium	47-1	0.51	0.37	0.22	0.36	40.00	ppb
Uranium	238-1	0.05	0.03	0.02	0.03	44.48	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCB003

Instrumnet Name :

P8

Client Sample ID :

CCB003

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:56:40

DataFile Name :

049CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	36.85	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				102		%
Zinc	66-2	0.20	0.26	0.15	0.20	26.77	ppb
Zirconium	90-1	0.10	0.07	0.04	0.07	36.10	ppb
Zirconium	91-1	0.09	0.06	0.03	0.06	43.69	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BL Instrumnet Name : P8
Client Sample ID : PBW066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:47:36 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-1.03	-0.43	-0.67		ppb
Antimony	121-1	0.01	0.01	0.01	0.01	15.10	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	9561.10	ppb
Barium	135-1	0.08	0.07	0.07	0.07	8.59	ppb
Barium	137-1	0.08	0.07	0.07	0.07	12.53	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	51.24	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.05	-0.01	0.04	0.03	106.36	ppb
Cadmium	106-1	-0.14	-0.30	-0.50	-0.31		ppb
Cadmium	111-1	-0.01	-0.01	-0.02	-0.01		ppb
Calcium	43-1	1.09	1.44	2.00	1.51	30.22	ppb
Calcium	44-1	1.43	1.39	1.22	1.34	8.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00	526.76	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	2028.10	ppb
Copper	63-2	-0.17	-0.15	-0.19	-0.17		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				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	0.27	0.35	0.38	0.33	17.59	ppb
Iron	56-2	0.01	-0.06	0.01	-0.01		ppb
Iron	57-2	-0.22	0.23	-0.40	-0.13		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	13.77	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BL Instrumnet Name : P8
Client Sample ID : PBW066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:47:36 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	196.87	ppb
Lead	208-1	0.01	0.01	0.01	0.01	13.43	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.71	-1.04	-0.88	-0.88		ppb
Manganese	55-2	0.04	0.05	0.03	0.04	26.61	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	53.16	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	16.89	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	17.01	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	20.42	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-20.92	-13.18	-16.64	-16.91		ppb
Potassium	39-2	11.94	10.51	8.61	10.35	16.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	82-1	-0.19	-0.19	-0.07	-0.15		ppb
Selenium	77-2	0.79	0.00	0.00	0.26	173.21	ppb
Selenium	78-2	0.17	-0.31	0.18	0.01	2448.19	ppb
Silicon	28-1	-0.22	-0.32	-0.50	-0.35		ppb
Silver	107-1	0.00	0.00	0.00	0.00	68.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	229.60	ppb
Sodium	23-2	9.32	9.97	9.43	9.57	3.66	ppb
Strontium	86-1	-0.01	-0.01	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	71.14	ppb
Sulfur	34-1	238.83	204.12	129.40	190.78	29.31	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	0.00	0.00	230.37	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	115.55	ppb
Tin	118-1	0.00	0.00	0.00	0.00	530.35	ppb
Titanium	47-1	0.01	0.01	0.01	0.01	26.27	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

PB166066BL

Instrumnet Name :

P8

Client Sample ID :

PBW066

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 16:47:36

DataFile Name :

050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	251.84	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				96		%
Zinc	66-2	0.14	0.12	0.08	0.12	27.87	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	74.22	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9791.10	9781.51	9668.90	9747.17	0.70	ppb
Antimony	121-1	440.12	482.16	506.57	476.28	7.06	ppb
Arsenic	75-2	506.28	512.34	509.15	509.26	0.60	ppb
Barium	135-1	2196.16	2395.42	2505.71	2365.77	6.63	ppb
Barium	137-1	2189.60	2399.31	2531.38	2373.43	7.26	ppb
Beryllium	9-1	460.09	475.91	495.21	477.07	3.69	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	449.77	490.85	512.51	484.38	6.58	ppb
Cadmium	106-1	449.85	495.03	513.88	486.25	6.77	ppb
Cadmium	111-1	449.92	499.14	509.06	486.04	6.52	ppb
Calcium	43-1	44457.65	48374.20	49982.32	47604.72	5.97	ppb
Calcium	44-1	44079.40	48256.14	50490.65	47608.73	6.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	515.80	498.42	503.54	505.92	1.77	ppb
Cobalt	59-2	518.44	518.63	514.03	517.04	0.50	ppb
Copper	63-2	5123.83	5200.66	5124.78	5149.76	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	26361.63	26536.59	26061.82	26320.02	0.91	ppb
Iron	56-2	26378.06	25985.24	25895.28	26086.19	0.98	ppb
Iron	57-2	26631.92	26362.66	26112.51	26369.03	0.99	ppb
Krypton	83-1						cps
Lead	206-1	2247.25	2428.72	2543.68	2406.55	6.21	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2234.93	2411.82	2524.32	2390.36	6.10	ppb
Lead	208-1	2229.02	2406.01	2518.70	2384.58	6.12	ppb
Lithium	6-1				97		%
Magnesium	24-2	55548.30	55877.41	55369.88	55598.53	0.46	ppb
Manganese	55-2	5064.80	4998.52	5003.30	5022.21	0.74	ppb
Molybdenum	94-1	4441.89	4843.14	5018.03	4767.69	6.20	ppb
Molybdenum	95-1	4478.99	4824.26	5006.42	4769.89	5.62	ppb
Molybdenum	96-1	4445.41	4884.99	5009.41	4779.94	6.20	ppb
Molybdenum	97-1	4494.81	4894.90	5019.67	4803.12	5.71	ppb
Molybdenum	98-1	4481.48	4885.36	5043.86	4803.57	6.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.51	498.94	494.59	497.68	0.54	ppb
Phosphorus	31-2	10122.12	10210.48	9936.50	10089.70	1.39	ppb
Potassium	39-2	24609.71	24755.62	24864.20	24743.18	0.52	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	457.82	489.11	515.11	487.35	5.89	ppb
Selenium	77-2	487.87	506.41	509.50	501.26	2.33	ppb
Selenium	78-2	525.31	518.16	499.63	514.37	2.58	ppb
Silicon	28-1	579.72	631.09	658.42	623.08	6.41	ppb
Silver	107-1	444.26	487.40	509.50	480.39	6.91	ppb
Silver	109-1	453.45	495.32	502.74	483.84	5.49	ppb
Sodium	23-2	52350.99	51980.94	51485.52	51939.15	0.84	ppb
Strontium	86-1	448.19	491.26	514.75	484.73	6.96	ppb
Strontium	88-1	446.38	489.33	502.36	479.36	6.11	ppb
Sulfur	34-1	8644.43	9822.32	10013.64	9493.47	7.81	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	448.21	484.67	503.78	478.89	5.90	ppb
Thallium	205-1	445.91	477.48	504.70	476.03	6.18	ppb
Tin	118-1	446.07	491.75	502.90	480.24	6.27	ppb
Titanium	47-1	4396.45	4806.01	5090.64	4764.37	7.32	ppb
Uranium	238-1	439.56	470.71	491.58	467.28	5.60	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	498.53	498.23	493.92	496.89	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	5208.13	5222.32	5153.38	5194.61	0.70	ppb
Zirconium	90-1	446.44	482.79	496.93	475.39	5.48	ppb
Zirconium	91-1	448.69	480.32	498.92	475.98	5.34	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1092-01DLX5 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:53:45 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1238.67	1271.29	1286.96	1265.64	1.95	ppb
Antimony	121-1	2.53	2.61	2.68	2.61	2.88	ppb
Arsenic	75-2	5.93	6.13	6.14	6.07	1.99	ppb
Barium	135-1	68.67	69.34	70.71	69.57	1.50	ppb
Barium	137-1	69.68	70.78	71.79	70.75	1.50	ppb
Beryllium	9-1	0.26	0.27	0.26	0.26	2.19	ppb
Bismuth	209-1				85		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	4.69	5.25	5.00	4.98	5.71	ppb
Cadmium	106-1	4.76	4.40	6.03	5.06	16.95	ppb
Cadmium	111-1	3.33	3.42	3.55	3.43	3.27	ppb
Calcium	43-1	12725.20	13232.00	13371.93	13109.71	2.60	ppb
Calcium	44-1	13020.93	13453.56	13810.78	13428.42	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	11.09	11.21	11.25	11.19	0.77	ppb
Cobalt	59-2	3.45	3.44	3.64	3.51	3.16	ppb
Copper	63-2	150.70	149.49	152.79	150.99	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	54-2	5001.24	4994.52	5048.68	5014.81	0.59	ppb
Iron	56-2	5030.55	4931.96	5067.14	5009.88	1.40	ppb
Iron	57-2	4930.15	4935.15	5056.46	4973.92	1.44	ppb
Krypton	83-1						cps
Lead	206-1	80.91	84.77	84.33	83.34	2.53	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1092-01DLX5 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:53:45 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	79.36	82.37	82.14	81.29	2.06	ppb
Lead	208-1	80.59	84.83	83.84	83.08	2.67	ppb
Lithium	6-1				85		%
Magnesium	24-2	3031.09	3021.69	3049.42	3034.07	0.46	ppb
Manganese	55-2	111.40	110.08	111.90	111.13	0.85	ppb
Molybdenum	94-1	39.99	41.99	42.31	41.43	3.03	ppb
Molybdenum	95-1	29.66	30.91	31.43	30.67	2.97	ppb
Molybdenum	96-1	30.66	31.70	31.83	31.40	2.04	ppb
Molybdenum	97-1	30.01	30.89	31.55	30.82	2.50	ppb
Molybdenum	98-1	29.55	31.07	30.83	30.48	2.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.35	9.16	9.46	9.32	1.63	ppb
Phosphorus	31-2	835.08	763.87	830.64	809.86	4.93	ppb
Potassium	39-2	4983.96	5018.63	5052.71	5018.43	0.68	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	82-1	0.70	0.62	0.44	0.58	23.17	ppb
Selenium	77-2	2.51	6.77	0.85	3.37	90.56	ppb
Selenium	78-2	2.71	1.22	0.20	1.37	91.78	ppb
Silicon	28-1	5948.44	6146.03	6293.37	6129.28	2.82	ppb
Silver	107-1	0.65	0.61	0.61	0.62	4.00	ppb
Silver	109-1	0.66	0.61	0.60	0.62	4.62	ppb
Sodium	23-2	507643.18	504713.42	510433.35	507596.65	0.56	ppb
Strontium	86-1	65.27	67.86	68.11	67.08	2.34	ppb
Strontium	88-1	67.93	68.46	69.95	68.78	1.53	ppb
Sulfur	34-1	10263.54	11241.99	11449.39	10984.98	5.77	ppb
Terbium	159-1				93		%
Terbium	159-2				92		%
Thallium	203-1	0.13	0.18	0.17	0.16	15.23	ppb
Thallium	205-1	0.14	0.18	0.18	0.17	12.90	ppb
Tin	118-1	4.57	4.68	4.78	4.68	2.20	ppb
Titanium	47-1	67.94	71.72	71.92	70.52	3.18	ppb
Uranium	238-1	0.29	0.30	0.29	0.30	1.05	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1092-01DLX5

Instrumnet Name :

P8

Client Sample ID :

427

Dilution Factor :

5

Date & Time Acquired :

2025-01-17 16:53:45

DataFile Name :

052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	11.03	11.09	11.13	11.08	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	1030.77	1013.10	1036.45	1026.77	1.19	ppb
Zirconium	90-1	8.65	9.02	9.13	8.93	2.79	ppb
Zirconium	91-1	8.48	9.03	8.95	8.82	3.38	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:57:01 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.21	587.00	532.22	535.14	9.43	ppb
Antimony	121-1	2.17	2.24	2.32	2.25	3.41	ppb
Arsenic	75-2	1.35	1.56	1.43	1.45	7.10	ppb
Barium	135-1	72.45	74.74	76.86	74.68	2.95	ppb
Barium	137-1	73.92	75.74	77.65	75.77	2.46	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	1.91	ppb
Bismuth	209-1				95		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	3.91	4.16	4.34	4.14	5.25	ppb
Cadmium	106-1	3.63	2.12	3.45	3.07	27.03	ppb
Cadmium	111-1	3.03	3.16	3.11	3.10	2.04	ppb
Calcium	43-1	10731.32	10949.70	10967.06	10882.69	1.21	ppb
Calcium	44-1	10692.47	10963.84	10891.82	10849.37	1.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.20	8.47	7.74	7.80	8.21	ppb
Cobalt	59-2	7.49	8.48	7.82	7.93	6.37	ppb
Copper	63-2	78.33	90.41	84.86	84.53	7.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				99		%
Iron	54-2	3278.68	3800.59	3540.98	3540.08	7.37	ppb
Iron	56-2	3320.15	3834.19	3578.10	3577.48	7.18	ppb
Iron	57-2	3258.16	3778.68	3551.38	3529.41	7.39	ppb
Krypton	83-1						cps
Lead	206-1	25.13	25.60	26.03	25.58	1.77	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:57:01 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.58	25.30	24.98	24.95	1.45	ppb
Lead	208-1	24.72	25.14	25.24	25.04	1.10	ppb
Lithium	6-1				91		%
Magnesium	24-2	3033.38	3539.17	3297.15	3289.90	7.69	ppb
Manganese	55-2	65.73	77.29	71.14	71.39	8.11	ppb
Molybdenum	94-1	76.56	76.66	79.10	77.44	1.85	ppb
Molybdenum	95-1	85.85	86.02	89.07	86.98	2.08	ppb
Molybdenum	96-1	84.04	83.91	86.02	84.66	1.40	ppb
Molybdenum	97-1	87.17	86.05	89.20	87.47	1.82	ppb
Molybdenum	98-1	85.17	86.14	88.34	86.55	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.09	11.45	10.66	10.73	6.37	ppb
Phosphorus	31-2	1598.27	1886.29	1742.24	1742.27	8.27	ppb
Potassium	39-2	2852.10	3289.79	3109.90	3083.93	7.13	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	82-1	0.09	0.26	-0.08	0.09	191.71	ppb
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	0.12	0.44	1.38	0.64	101.55	ppb
Silicon	28-1	2124.16	2134.39	2160.49	2139.68	0.88	ppb
Silver	107-1	0.15	0.15	0.15	0.15	1.33	ppb
Silver	109-1	0.14	0.15	0.16	0.15	3.94	ppb
Sodium	23-2	50495.06	58916.58	55189.29	54866.98	7.69	ppb
Strontium	86-1	29.31	29.15	29.99	29.48	1.51	ppb
Strontium	88-1	30.02	29.84	30.11	29.99	0.46	ppb
Sulfur	34-1	9333.41	9566.20	9485.22	9461.61	1.25	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.89	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.68	ppb
Tin	118-1	3.14	3.19	3.30	3.21	2.62	ppb
Titanium	47-1	26.74	23.11	23.26	24.37	8.43	ppb
Uranium	238-1	0.10	0.11	0.10	0.10	2.52	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1094-03DLX5

Instrumnet Name :

P8

Client Sample ID :

3181

Dilution Factor :

5

Date & Time Acquired :

2025-01-17 16:57:01

DataFile Name :

053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.51	2.82	2.55	2.63	6.32	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2320.89	2675.07	2495.11	2497.02	7.09	ppb
Zirconium	90-1	3.13	3.13	3.20	3.15	1.29	ppb
Zirconium	91-1	3.12	3.11	3.10	3.11	0.31	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	520.99	508.28	511.60	513.62	1.28	ppb
Antimony	121-1	2.05	2.13	2.06	2.08	2.20	ppb
Arsenic	75-2	1.35	1.60	1.31	1.42	11.22	ppb
Barium	135-1	70.86	71.09	71.95	71.30	0.80	ppb
Barium	137-1	71.83	72.17	71.93	71.98	0.24	ppb
Beryllium	9-1	0.06	0.05	0.06	0.06	4.45	ppb
Bismuth	209-1				95		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	3.69	3.56	3.98	3.74	5.75	ppb
Cadmium	106-1	2.80	1.99	1.85	2.21	23.26	ppb
Cadmium	111-1	3.14	3.02	2.93	3.03	3.45	ppb
Calcium	43-1	10181.84	10251.72	10353.58	10262.38	0.84	ppb
Calcium	44-1	10313.93	10295.32	10355.00	10321.42	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.26	7.59	7.31	7.39	2.38	ppb
Cobalt	59-2	7.72	7.58	7.70	7.67	0.99	ppb
Copper	63-2	80.60	80.91	81.99	81.17	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	3386.60	3404.03	3425.11	3405.25	0.57	ppb
Iron	56-2	3404.59	3443.15	3430.67	3426.14	0.57	ppb
Iron	57-2	3360.61	3367.89	3383.45	3370.65	0.35	ppb
Krypton	83-1						cps
Lead	206-1	24.42	24.57	24.98	24.66	1.16	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.69	24.10	24.38	24.06	1.44	ppb
Lead	208-1	23.74	24.09	24.37	24.07	1.31	ppb
Lithium	6-1				92		%
Magnesium	24-2	3132.88	3149.83	3158.09	3146.93	0.41	ppb
Manganese	55-2	69.45	68.50	70.25	69.40	1.26	ppb
Molybdenum	94-1	74.15	74.33	72.49	73.66	1.38	ppb
Molybdenum	95-1	82.62	83.24	81.33	82.40	1.19	ppb
Molybdenum	96-1	80.55	80.73	79.88	80.39	0.56	ppb
Molybdenum	97-1	83.02	82.73	82.49	82.75	0.32	ppb
Molybdenum	98-1	82.01	82.59	81.11	81.90	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.10	10.31	10.40	10.27	1.52	ppb
Phosphorus	31-2	1611.21	1660.20	1608.05	1626.49	1.80	ppb
Potassium	39-2	2927.53	2950.45	2971.25	2949.74	0.74	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	-0.38	0.32	0.16	0.03	1101.82	ppb
Selenium	77-2	0.75	3.84	2.34	2.31	66.71	ppb
Selenium	78-2	-0.08	-0.08	0.39	0.08	360.56	ppb
Silicon	28-1	1985.89	2021.53	2041.98	2016.47	1.41	ppb
Silver	107-1	0.15	0.14	0.13	0.14	5.80	ppb
Silver	109-1	0.13	0.13	0.13	0.13	3.19	ppb
Sodium	23-2	52906.20	53066.72	52727.34	52900.08	0.32	ppb
Strontium	86-1	28.29	28.64	27.55	28.16	1.97	ppb
Strontium	88-1	28.06	28.18	27.97	28.07	0.36	ppb
Sulfur	34-1	8454.36	8795.19	8725.55	8658.36	2.08	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.45	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	1.58	ppb
Tin	118-1	3.00	2.99	3.05	3.01	1.08	ppb
Titanium	47-1	21.98	22.18	22.36	22.17	0.85	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	2.84	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.54	2.65	2.62	2.61	2.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2393.05	2385.07	2415.64	2397.92	0.66	ppb
Zirconium	90-1	3.03	3.02	2.95	3.00	1.36	ppb
Zirconium	91-1	2.99	2.97	2.90	2.95	1.56	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03LDLX25 Instrumnet Name : P8
Client Sample ID : 3181L Dilution Factor : 25
Date & Time Acquired : 2025-01-17 17:03:33 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	107.54	110.13	115.37	111.02	3.59	ppb
Antimony	121-1	0.45	0.45	0.48	0.46	3.41	ppb
Arsenic	75-2	0.38	0.35	0.25	0.33	21.11	ppb
Barium	135-1	14.74	14.94	15.15	14.94	1.35	ppb
Barium	137-1	14.84	15.09	15.41	15.11	1.90	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	23.27	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.70	0.63	0.80	0.71	11.54	ppb
Cadmium	106-1	0.36	-0.29	-0.19	-0.04		ppb
Cadmium	111-1	0.61	0.62	0.67	0.63	5.30	ppb
Calcium	43-1	2193.79	2217.69	2276.21	2229.23	1.90	ppb
Calcium	44-1	2228.51	2283.58	2307.88	2273.32	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.69	1.60	1.62	1.64	2.86	ppb
Cobalt	59-2	1.66	1.61	1.67	1.64	1.95	ppb
Copper	63-2	17.72	17.57	17.59	17.63	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	733.62	751.05	729.26	737.97	1.56	ppb
Iron	56-2	798.47	756.63	745.28	766.79	3.65	ppb
Iron	57-2	738.47	737.99	724.88	733.78	1.05	ppb
Krypton	83-1						cps
Lead	206-1	5.10	5.18	5.36	5.21	2.54	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03LDLX25 Instrumnet Name : P8
Client Sample ID : 3181L Dilution Factor : 25
Date & Time Acquired : 2025-01-17 17:03:33 DataFile Name : 055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.96	5.03	5.17	5.05	2.18	ppb
Lead	208-1	4.98	5.05	5.21	5.08	2.29	ppb
Lithium	6-1				94		%
Magnesium	24-2	675.90	683.46	677.51	678.96	0.59	ppb
Manganese	55-2	14.86	15.05	14.64	14.85	1.36	ppb
Molybdenum	94-1	15.29	15.67	16.05	15.67	2.45	ppb
Molybdenum	95-1	17.03	17.56	17.80	17.46	2.27	ppb
Molybdenum	96-1	16.57	17.18	17.41	17.06	2.54	ppb
Molybdenum	97-1	17.18	17.46	17.90	17.51	2.09	ppb
Molybdenum	98-1	16.92	17.50	17.56	17.32	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.16	2.32	2.29	2.26	3.59	ppb
Phosphorus	31-2	321.12	346.69	352.87	340.23	4.95	ppb
Potassium	39-2	645.96	645.04	644.47	645.16	0.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	-0.41	-0.35	-0.16	-0.31		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.16	0.16	0.39	0.24	55.30	ppb
Silicon	28-1	426.84	427.42	429.68	427.98	0.35	ppb
Silver	107-1	0.03	0.03	0.04	0.03	12.76	ppb
Silver	109-1	0.03	0.03	0.03	0.03	8.95	ppb
Sodium	23-2	11273.07	11313.13	11280.92	11289.04	0.19	ppb
Strontium	86-1	5.75	6.03	6.25	6.01	4.18	ppb
Strontium	88-1	5.81	5.98	6.09	5.96	2.30	ppb
Sulfur	34-1	1606.27	1733.21	1864.22	1734.56	7.44	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.03	0.02	17.03	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	10.42	ppb
Tin	118-1	0.66	0.66	0.68	0.67	2.00	ppb
Titanium	47-1	4.68	4.77	5.08	4.84	4.29	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.54	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1094-03LDLX25

Instrumnet Name :

P8

Client Sample ID :

3181L

Dilution Factor :

25

Date & Time Acquired :

2025-01-17 17:03:33

DataFile Name :

055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.54	0.51	0.58	0.54	6.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	523.71	527.33	524.25	525.10	0.37	ppb
Zirconium	90-1	0.59	0.64	0.65	0.63	5.38	ppb
Zirconium	91-1	0.57	0.64	0.63	0.61	5.89	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2953.80	2832.72	2791.99	2859.50	2.94	ppb
Antimony	121-1	356.03	380.85	355.93	364.27	3.94	ppb
Arsenic	75-2	377.88	361.48	366.23	368.53	2.29	ppb
Barium	135-1	717.57	748.80	706.76	724.38	3.01	ppb
Barium	137-1	711.13	746.63	714.86	724.20	2.69	ppb
Beryllium	9-1	342.36	363.01	341.63	349.00	3.48	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	330.46	354.30	337.03	340.60	3.62	ppb
Cadmium	106-1	354.33	380.92	358.80	364.68	3.90	ppb
Cadmium	111-1	350.36	370.30	348.57	356.41	3.39	ppb
Calcium	43-1	19710.45	21010.99	19774.28	20165.24	3.64	ppb
Calcium	44-1	20059.28	20979.00	19670.31	20236.20	3.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	344.39	331.25	326.33	333.99	2.80	ppb
Cobalt	59-2	377.38	359.85	359.04	365.42	2.83	ppb
Copper	63-2	1238.34	1209.01	1185.66	1211.00	2.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				97		%
Iron	54-2	10648.88	10035.57	10016.21	10233.55	3.52	ppb
Iron	56-2	10448.50	9988.77	9739.52	10058.93	3.58	ppb
Iron	57-2	10157.75	9724.72	9581.58	9821.35	3.05	ppb
Krypton	83-1						cps
Lead	206-1	500.53	513.95	502.57	505.68	1.43	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	502.67	520.13	504.09	508.96	1.91	ppb
Lead	208-1	499.30	517.41	499.13	505.28	2.08	ppb
Lithium	6-1				91		%
Magnesium	24-2	14222.90	13527.06	13380.59	13710.18	3.28	ppb
Manganese	55-2	1076.24	989.78	973.92	1013.31	5.43	ppb
Molybdenum	94-1	1337.80	1415.29	1340.97	1364.68	3.21	ppb
Molybdenum	95-1	837.74	887.94	835.76	853.81	3.46	ppb
Molybdenum	96-1	878.43	922.27	894.73	898.47	2.47	ppb
Molybdenum	97-1	839.04	880.93	849.52	856.50	2.54	ppb
Molybdenum	98-1	833.28	890.68	844.38	856.11	3.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	356.82	346.31	340.52	347.89	2.38	ppb
Phosphorus	31-2	1574.54	1487.44	1548.82	1536.93	2.91	ppb
Potassium	39-2	9527.11	8890.85	9147.30	9188.42	3.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	356.65	377.76	359.50	364.64	3.14	ppb
Selenium	77-2	370.03	360.58	382.52	371.04	2.97	ppb
Selenium	78-2	393.81	353.15	378.03	375.00	5.47	ppb
Silicon	28-1	1959.92	2063.88	1954.04	1992.62	3.10	ppb
Silver	107-1	0.69	0.71	0.68	0.69	1.97	ppb
Silver	109-1	0.23	0.24	0.23	0.23	2.50	ppb
Sodium	23-2	61147.55	57766.51	56511.92	58475.33	4.10	ppb
Strontium	86-1	354.95	379.06	354.66	362.89	3.86	ppb
Strontium	88-1	349.09	369.85	349.81	356.25	3.31	ppb
Sulfur	34-1	8462.61	8994.94	8257.99	8571.85	4.44	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	334.67	343.70	341.53	339.97	1.39	ppb
Thallium	205-1	334.78	344.82	332.15	337.25	1.98	ppb
Tin	118-1	127.44	137.38	129.23	131.35	4.04	ppb
Titanium	47-1	520.87	560.43	519.14	533.48	4.38	ppb
Uranium	238-1	340.08	346.31	333.98	340.12	1.81	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	356.36	342.24	338.25	345.62	2.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	3364.85	3160.23	3116.89	3213.99	4.12	ppb
Zirconium	90-1	358.01	378.75	359.31	365.36	3.18	ppb
Zirconium	91-1	357.11	387.27	358.91	367.76	4.60	ppb

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	Q1094-03MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	3181	Dilution Factor :	5
Date & Time Acquired :	2025-01-17 17:09:43	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2873.26	2852.58	2924.13	2883.32	1.28	ppb
Antimony	121-1	368.74	364.82	368.82	367.46	0.62	ppb
Arsenic	75-2	369.01	366.50	375.45	370.32	1.25	ppb
Barium	135-1	741.68	730.40	753.31	741.79	1.54	ppb
Barium	137-1	723.97	726.32	735.75	728.68	0.86	ppb
Beryllium	9-1	354.59	359.99	362.57	359.05	1.13	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	346.42	343.17	344.90	344.83	0.47	ppb
Cadmium	106-1	373.18	369.32	378.06	373.52	1.17	ppb
Cadmium	111-1	363.44	361.44	364.52	363.14	0.43	ppb
Calcium	43-1	20432.01	20580.68	20806.01	20606.24	0.91	ppb
Calcium	44-1	20671.05	20749.23	20643.28	20687.86	0.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	335.61	328.29	338.74	334.21	1.60	ppb
Cobalt	59-2	371.62	357.39	374.17	367.73	2.46	ppb
Copper	63-2	1212.73	1195.01	1242.09	1216.61	1.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	10167.54	10008.53	10374.48	10183.52	1.80	ppb
Iron	56-2	9966.09	9788.73	10053.42	9936.08	1.36	ppb
Iron	57-2	9877.03	9641.65	9936.32	9818.34	1.59	ppb
Krypton	83-1						cps
Lead	206-1	519.23	522.23	517.65	519.70	0.45	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:09:43 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	522.74	522.41	516.28	520.48	0.70	ppb
Lead	208-1	517.44	515.80	513.76	515.67	0.36	ppb
Lithium	6-1				90		%
Magnesium	24-2	14011.55	13671.73	13954.09	13879.12	1.31	ppb
Manganese	55-2	1030.23	986.42	1029.48	1015.37	2.47	ppb
Molybdenum	94-1	1382.17	1373.61	1383.31	1379.69	0.38	ppb
Molybdenum	95-1	866.69	872.60	870.24	869.84	0.34	ppb
Molybdenum	96-1	921.70	922.10	919.97	921.26	0.12	ppb
Molybdenum	97-1	869.06	867.13	865.54	867.24	0.20	ppb
Molybdenum	98-1	872.35	867.20	866.75	868.77	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	348.71	344.31	355.60	349.54	1.63	ppb
Phosphorus	31-2	1543.57	1603.75	1475.29	1540.87	4.17	ppb
Potassium	39-2	9186.18	8987.62	9406.14	9193.31	2.28	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				99		%
Selenium	82-1	370.98	368.79	371.08	370.28	0.35	ppb
Selenium	77-2	355.15	334.51	367.76	352.47	4.76	ppb
Selenium	78-2	363.40	365.31	374.51	367.74	1.62	ppb
Silicon	28-1	2022.73	2023.35	2033.15	2026.41	0.29	ppb
Silver	107-1	0.70	0.69	0.70	0.70	0.96	ppb
Silver	109-1	0.23	0.23	0.24	0.23	2.19	ppb
Sodium	23-2	59477.12	57652.19	59128.88	58752.73	1.65	ppb
Strontium	86-1	368.88	368.10	364.24	367.07	0.68	ppb
Strontium	88-1	365.53	367.37	362.49	365.13	0.67	ppb
Sulfur	34-1	8721.17	8511.05	8663.92	8632.05	1.26	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	350.20	346.93	342.38	346.51	1.13	ppb
Thallium	205-1	344.45	341.27	339.78	341.83	0.70	ppb
Tin	118-1	134.54	134.52	134.00	134.35	0.23	ppb
Titanium	47-1	538.19	549.74	552.46	546.80	1.38	ppb
Uranium	238-1	350.94	349.72	344.59	348.42	0.97	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1094-03MSDDLX5

Instrumnet Name :

P8

Client Sample ID :

3181

Dilution Factor :

5

Date & Time Acquired :

2025-01-17 17:09:43

DataFile Name :

057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	343.92	341.99	352.98	346.30	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				99		%
Zinc	66-2	3236.05	3129.98	3255.41	3207.15	2.11	ppb
Zirconium	90-1	372.16	372.04	370.29	371.49	0.28	ppb
Zirconium	91-1	371.33	378.36	377.96	375.89	1.05	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2926.62	2924.82	2932.03	2927.83	0.13	ppb
Antimony	121-1	365.79	367.31	365.89	366.33	0.23	ppb
Arsenic	75-2	373.12	371.72	383.09	375.98	1.65	ppb
Barium	135-1	739.31	737.93	731.05	736.10	0.60	ppb
Barium	137-1	731.92	731.82	737.68	733.80	0.46	ppb
Beryllium	9-1	355.81	358.32	350.74	354.95	1.09	ppb
Bismuth	209-1				92		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	346.01	346.68	346.27	346.32	0.10	ppb
Cadmium	106-1	372.92	366.71	372.05	370.56	0.91	ppb
Cadmium	111-1	359.91	361.37	359.19	360.16	0.31	ppb
Calcium	43-1	20488.29	20388.18	20281.49	20385.99	0.51	ppb
Calcium	44-1	20481.54	20424.75	20375.16	20427.15	0.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	340.93	339.80	344.37	341.70	0.70	ppb
Cobalt	59-2	377.48	372.75	381.76	377.33	1.19	ppb
Copper	63-2	1222.84	1240.57	1249.95	1237.79	1.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	10381.58	10407.53	10512.97	10434.02	0.67	ppb
Iron	56-2	10322.74	10272.06	10193.47	10262.76	0.63	ppb
Iron	57-2	10028.39	10092.66	10147.09	10089.38	0.59	ppb
Krypton	83-1						cps
Lead	206-1	521.49	518.53	516.58	518.86	0.48	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	530.40	518.31	531.64	526.79	1.40	ppb
Lead	208-1	525.07	511.87	519.12	518.69	1.28	ppb
Lithium	6-1				91		%
Magnesium	24-2	14350.95	13979.90	14128.72	14153.19	1.32	ppb
Manganese	55-2	1048.93	1023.70	1035.23	1035.95	1.22	ppb
Molybdenum	94-1	1403.56	1378.35	1380.48	1387.46	1.01	ppb
Molybdenum	95-1	867.75	871.02	874.31	871.02	0.38	ppb
Molybdenum	96-1	925.99	917.36	916.65	920.00	0.57	ppb
Molybdenum	97-1	874.78	864.29	869.34	869.47	0.60	ppb
Molybdenum	98-1	873.24	860.02	867.06	866.77	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	355.29	354.03	359.33	356.22	0.78	ppb
Phosphorus	31-2	1574.19	1613.89	1557.62	1581.90	1.83	ppb
Potassium	39-2	9243.43	9291.99	9353.08	9296.16	0.59	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	82-1	363.35	373.77	369.00	368.70	1.41	ppb
Selenium	77-2	336.85	372.66	383.77	364.43	6.73	ppb
Selenium	78-2	371.86	361.58	376.00	369.81	2.01	ppb
Silicon	28-1	2035.26	2017.10	1978.49	2010.28	1.44	ppb
Silver	107-1	0.67	0.68	0.69	0.68	1.19	ppb
Silver	109-1	0.22	0.23	0.23	0.23	2.29	ppb
Sodium	23-2	60457.09	60303.71	60356.60	60372.47	0.13	ppb
Strontium	86-1	365.79	374.39	366.58	368.92	1.29	ppb
Strontium	88-1	367.02	363.00	358.59	362.87	1.16	ppb
Sulfur	34-1	8808.04	8356.33	8277.00	8480.45	3.38	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	351.91	346.52	350.03	349.49	0.78	ppb
Thallium	205-1	350.84	348.32	342.13	347.09	1.29	ppb
Tin	118-1	132.47	135.24	135.91	134.54	1.36	ppb
Titanium	47-1	540.45	545.38	541.09	542.31	0.49	ppb
Uranium	238-1	358.32	345.97	345.89	350.06	2.04	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	351.86	350.65	354.89	352.46	0.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	3317.42	3306.05	3309.54	3311.00	0.18	ppb
Zirconium	90-1	374.50	369.99	365.36	369.95	1.23	ppb
Zirconium	91-1	373.73	373.18	371.34	372.75	0.34	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49390.41	49652.70	48894.50	49312.54	0.78	ppb
Antimony	121-1	503.21	497.86	495.31	498.80	0.81	ppb
Arsenic	75-2	486.45	488.39	488.39	487.74	0.23	ppb
Barium	135-1	2569.44	2506.36	2498.25	2524.69	1.54	ppb
Barium	137-1	2582.18	2492.29	2512.98	2529.15	1.86	ppb
Beryllium	9-1	518.10	519.36	518.46	518.64	0.12	ppb
Bismuth	209-1				78		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	491.25	475.68	483.78	483.57	1.61	ppb
Cadmium	106-1	496.59	487.02	494.91	492.84	1.04	ppb
Cadmium	111-1	491.65	476.05	494.34	487.34	2.03	ppb
Calcium	43-1	258238.64	261089.31	256475.00	258600.98	0.90	ppb
Calcium	44-1	259941.90	258908.71	257726.24	258858.95	0.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	512.99	495.08	496.96	501.68	1.96	ppb
Cobalt	59-2	497.15	501.81	493.92	497.63	0.80	ppb
Copper	63-2	4724.15	4733.61	4737.13	4731.63	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				88		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	54-2	127925.59	128201.58	127403.63	127843.60	0.32	ppb
Iron	56-2	126542.96	126454.53	126799.01	126598.83	0.14	ppb
Iron	57-2	126406.36	126752.88	126365.18	126508.14	0.17	ppb
Krypton	83-1						cps
Lead	206-1	2627.43	2581.82	2590.01	2599.76	0.94	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2623.40	2593.07	2587.49	2601.32	0.74	ppb
Lead	208-1	2628.96	2577.48	2582.44	2596.29	1.09	ppb
Lithium	6-1				80		%
Magnesium	24-2	274054.89	274262.38	272241.80	273519.69	0.41	ppb
Manganese	55-2	4985.31	4925.66	5002.74	4971.24	0.81	ppb
Molybdenum	94-1	5152.63	5187.95	5101.03	5147.20	0.85	ppb
Molybdenum	95-1	5158.90	5155.32	5095.97	5136.73	0.69	ppb
Molybdenum	96-1	5130.88	5067.66	5098.31	5098.95	0.62	ppb
Molybdenum	97-1	5125.00	5156.99	5088.17	5123.39	0.67	ppb
Molybdenum	98-1	5127.70	5164.88	5104.06	5132.22	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	459.43	464.01	455.49	459.64	0.93	ppb
Phosphorus	31-2	9907.59	9949.74	9961.39	9939.57	0.28	ppb
Potassium	39-2	125164.73	124602.87	124331.46	124699.68	0.34	ppb
Rhodium	103-1				79		%
Rhodium	103-2				81		%
Scandium	45-1				86		%
Scandium	45-2				92		%
Selenium	82-1	492.65	495.86	487.23	491.91	0.89	ppb
Selenium	77-2	471.91	521.62	477.29	490.27	5.56	ppb
Selenium	78-2	494.93	483.81	494.06	490.93	1.26	ppb
Silicon	28-1	727.83	743.25	726.90	732.66	1.25	ppb
Silver	107-1	483.90	476.42	475.36	478.56	0.97	ppb
Silver	109-1	484.30	469.31	476.38	476.66	1.57	ppb
Sodium	23-2	261559.64	257623.01	258231.30	259137.98	0.82	ppb
Strontium	86-1	520.50	521.57	514.91	518.99	0.69	ppb
Strontium	88-1	512.93	514.21	508.61	511.92	0.57	ppb
Sulfur	34-1	10862.43	10717.62	10318.12	10632.72	2.65	ppb
Terbium	159-1				88		%
Terbium	159-2				92		%
Thallium	203-1	533.50	513.57	518.81	521.96	1.98	ppb
Thallium	205-1	521.78	515.96	518.50	518.75	0.56	ppb
Tin	118-1	510.08	497.56	501.08	502.90	1.28	ppb
Titanium	47-1	5131.76	5188.31	5096.98	5139.02	0.90	ppb
Uranium	238-1	539.14	529.34	528.41	532.30	1.12	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	497.41	496.17	490.87	494.82	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				93		%
Zinc	66-2	4746.93	4765.15	4744.41	4752.16	0.24	ppb
Zirconium	90-1	524.26	525.20	509.30	519.59	1.72	ppb
Zirconium	91-1	529.93	509.45	514.05	517.81	2.08	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P8

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:24:44

DataFile Name :

062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	0.48	0.97	0.98	51.33	ppb
Antimony	121-1	0.10	0.11	0.11	0.11	5.34	ppb
Arsenic	75-2	0.00	0.03	0.04	0.03	70.78	ppb
Barium	135-1	0.12	0.15	0.20	0.16	26.02	ppb
Barium	137-1	0.13	0.17	0.20	0.17	19.29	ppb
Beryllium	9-1	0.16	0.15	0.13	0.15	10.15	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.07	0.13	0.10	24.92	ppb
Cadmium	106-1	-0.75	-0.43	-0.95	-0.71		ppb
Cadmium	111-1	0.01	0.02	0.03	0.02	47.95	ppb
Calcium	43-1	14.00	17.89	22.10	18.00	22.52	ppb
Calcium	44-1	16.07	16.88	22.34	18.43	18.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.00	0.01	123.85	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	31.23	ppb
Copper	63-2	0.17	-0.13	-0.05	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	5.32	3.30	4.15	4.26	23.81	ppb
Iron	56-2	4.76	3.51	3.57	3.95	17.81	ppb
Iron	57-2	4.91	4.11	2.85	3.95	26.21	ppb
Krypton	83-1						cps
Lead	206-1	0.26	0.26	0.31	0.28	10.42	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:24:44 DataFile Name : 062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.27	0.25	0.30	0.27	9.31	ppb
Lead	208-1	0.27	0.25	0.29	0.27	8.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	8.55	5.20	5.51	6.42	28.86	ppb
Manganese	55-2	0.22	0.18	0.17	0.19	12.87	ppb
Molybdenum	94-1	0.34	0.34	0.44	0.37	15.13	ppb
Molybdenum	95-1	0.32	0.34	0.44	0.37	17.51	ppb
Molybdenum	96-1	0.31	0.33	0.41	0.35	15.16	ppb
Molybdenum	97-1	0.31	0.36	0.44	0.37	18.03	ppb
Molybdenum	98-1	0.33	0.35	0.43	0.37	14.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	-0.03	0.05	0.02	191.51	ppb
Phosphorus	31-2	-16.34	-22.82	-15.19	-18.12		ppb
Potassium	39-2	36.58	14.24	23.39	24.74	45.40	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.30	0.00	0.03	-0.09		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.45	-0.31	-0.08	0.02	1987.85	ppb
Silicon	28-1	0.97	-0.85	-0.74	-0.21		ppb
Silver	107-1	0.08	0.07	0.08	0.07	7.15	ppb
Silver	109-1	0.08	0.07	0.07	0.07	8.15	ppb
Sodium	23-2	70.20	47.86	55.73	57.93	19.56	ppb
Strontium	86-1	0.03	0.02	0.03	0.03	25.07	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	19.40	ppb
Sulfur	34-1	-668.28	-1297.23	-1134.13	-1033.21		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.06	0.06	0.06	9.81	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	9.58	ppb
Tin	118-1	0.05	0.03	0.06	0.05	37.38	ppb
Titanium	47-1	0.23	0.26	0.37	0.29	26.45	ppb
Uranium	238-1	0.02	0.02	0.03	0.03	24.95	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCB004

Instrumnet Name :

P8

Client Sample ID :

CCB004

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:24:44

DataFile Name :

062CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.01	0.02	31.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	0.56	0.33	0.49	0.46	25.74	ppb
Zirconium	90-1	0.04	0.03	0.05	0.04	19.74	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	10.53	ppb

LB Number :LB134335Operator :Jaswal

Lab Sample ID :PB166076BLInstrumnet Name :P8

Client Sample ID :PBW076Dilution Factor :1

Date & Time Acquired :2025-01-17 17:36:53DataFile Name :063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.66	-0.82	-0.36	-0.61		ppb
Antimony	121-1	0.02	0.01	0.01	0.02	17.69	ppb
Arsenic	75-2	0.02	-0.01	0.00	0.00	275.81	ppb
Barium	135-1	0.03	0.04	0.04	0.04	22.02	ppb
Barium	137-1	0.04	0.06	0.04	0.05	19.61	ppb
Beryllium	9-1	0.05	0.06	0.05	0.05	11.56	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.01	0.05	0.03	70.74	ppb
Cadmium	106-1	-1.66	-1.68	-1.40	-1.58		ppb
Cadmium	111-1	-0.03	-0.03	-0.04	-0.03		ppb
Calcium	43-1	8.21	7.19	7.82	7.74	6.64	ppb
Calcium	44-1	7.02	6.59	6.68	6.77	3.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	0.03	0.01	398.88	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	3058.19	ppb
Copper	63-2	-0.22	-0.30	-0.21	-0.24		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	0.51	0.39	0.84	0.58	40.21	ppb
Iron	56-2	0.25	0.23	0.21	0.23	9.58	ppb
Iron	57-2	0.05	0.20	0.23	0.16	59.67	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	2.07	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BL Instrumnet Name : P8
Client Sample ID : PBW076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:36:53 DataFile Name : 063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.05	0.04	0.04	15.92	ppb
Lead	208-1	0.05	0.04	0.04	0.04	4.56	ppb
Lithium	6-1				89		%
Magnesium	24-2	-0.61	-0.95	-0.82	-0.79		ppb
Manganese	55-2	0.06	0.05	0.08	0.06	27.88	ppb
Molybdenum	94-1	0.01	0.01	0.02	0.01	61.20	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	25.46	ppb
Molybdenum	96-1	0.01	0.01	0.02	0.01	33.06	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	54.92	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	10.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00		ppb
Phosphorus	31-2	-18.14	-16.16	-12.40	-15.57		ppb
Potassium	39-2	23.83	20.28	16.09	20.07	19.30	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	82-1	0.00	0.04	0.09	0.04	94.87	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.07	-0.31	0.43	0.02	2393.53	ppb
Silicon	28-1	-0.05	-0.08	0.12	-0.01		ppb
Silver	107-1	0.00	0.00	0.00	0.00	97.46	ppb
Silver	109-1	0.00	0.00	0.00	0.00	80.20	ppb
Sodium	23-2	30.96	28.68	30.30	29.98	3.92	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	16.39	ppb
Sulfur	34-1	-476.00	-378.06	-351.33	-401.80		ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.01	0.01	0.01	22.84	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.86	ppb
Tin	118-1	0.01	0.02	0.02	0.02	37.37	ppb
Titanium	47-1	0.01	0.00	0.00	0.00	148.16	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BL Instrumnet Name : P8
Client Sample ID : PBW076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:36:53 DataFile Name : 063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	267.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	0.44	0.51	0.42	0.45	10.51	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	25.66	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	824.11	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BS Instrumnet Name : P8
Client Sample ID : LCS076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:40:14 DataFile Name : 064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.05	41.83	40.39	41.42	2.17	ppb
Antimony	121-1	3.81	3.83	4.11	3.92	4.27	ppb
Arsenic	75-2	1.76	2.38	2.08	2.08	15.02	ppb
Barium	135-1	19.12	19.54	20.68	19.78	4.08	ppb
Barium	137-1	19.56	19.48	21.17	20.07	4.76	ppb
Beryllium	9-1	2.06	2.01	2.13	2.07	3.03	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	2.19	1.94	1.90	2.01	7.88	ppb
Cadmium	106-1	1.23	1.30	1.85	1.46	23.46	ppb
Cadmium	111-1	1.98	2.07	2.07	2.04	2.44	ppb
Calcium	43-1	1007.45	998.57	1033.55	1013.19	1.79	ppb
Calcium	44-1	988.50	992.85	1043.36	1008.24	3.02	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.96	4.13	3.76	3.95	4.58	ppb
Cobalt	59-2	2.06	2.25	2.10	2.14	4.61	ppb
Copper	63-2	4.48	4.71	4.61	4.60	2.59	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				94		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	54-2	436.41	464.95	439.00	446.79	3.53	ppb
Iron	56-2	434.99	466.32	438.42	446.58	3.85	ppb
Iron	57-2	441.85	457.78	449.27	449.63	1.77	ppb
Krypton	83-1						cps
Lead	206-1	1.98	1.98	2.01	1.99	0.87	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BS Instrumnet Name : P8
Client Sample ID : LCS076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:40:14 DataFile Name : 064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.00	2.01	2.07	2.03	1.91	ppb
Lead	208-1	1.99	1.98	2.03	2.00	1.48	ppb
Lithium	6-1				91		%
Magnesium	24-2	1094.95	1164.96	1101.08	1120.33	3.46	ppb
Manganese	55-2	2.22	2.25	2.11	2.19	3.44	ppb
Molybdenum	94-1	11.29	11.25	12.13	11.56	4.31	ppb
Molybdenum	95-1	9.56	9.78	10.26	9.87	3.62	ppb
Molybdenum	96-1	9.44	9.72	10.29	9.82	4.39	ppb
Molybdenum	97-1	9.41	9.65	10.11	9.73	3.63	ppb
Molybdenum	98-1	9.42	9.63	10.04	9.70	3.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.92	2.29	2.22	2.14	9.13	ppb
Phosphorus	31-2	27.86	32.98	34.85	31.90	11.36	ppb
Potassium	39-2	1014.97	1085.46	1019.52	1039.99	3.79	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	9.91	9.46	11.26	10.21	9.19	ppb
Selenium	77-2	10.81	13.69	9.89	11.46	17.32	ppb
Selenium	78-2	10.71	15.15	12.34	12.73	17.65	ppb
Silicon	28-1	9.27	9.17	10.40	9.62	7.11	ppb
Silver	107-1	1.89	1.94	2.06	1.96	4.26	ppb
Silver	109-1	1.90	2.00	2.06	1.99	4.04	ppb
Sodium	23-2	1076.48	1155.48	1076.58	1102.85	4.13	ppb
Strontium	86-1	1.78	1.85	1.96	1.86	5.11	ppb
Strontium	88-1	1.82	1.86	1.98	1.89	4.50	ppb
Sulfur	34-1	-402.69	-411.55	-71.20	-295.15		ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	1.89	1.87	1.92	1.89	1.35	ppb
Thallium	205-1	1.85	1.88	1.96	1.90	3.06	ppb
Tin	118-1	9.81	9.83	10.50	10.05	3.93	ppb
Titanium	47-1	12.11	12.56	12.87	12.51	3.03	ppb
Uranium	238-1	1.83	1.81	1.90	1.85	2.42	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

PB166076BS

Instrumnet Name :

P8

Client Sample ID :

LCS076

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:40:14

DataFile Name :

064LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.03	10.54	10.03	10.20	2.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				93		%
Zinc	66-2	11.12	12.10	11.03	11.42	5.22	ppb
Zirconium	90-1	1.90	1.92	2.11	1.98	5.72	ppb
Zirconium	91-1	1.87	1.88	2.01	1.92	4.09	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-01 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:43:37 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.09	20.86	21.37	21.10	1.21	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.89	ppb
Arsenic	75-2	0.29	0.35	0.40	0.35	15.56	ppb
Barium	135-1	433.64	430.95	415.14	426.58	2.34	ppb
Barium	137-1	435.82	426.81	421.27	427.97	1.72	ppb
Beryllium	9-1	0.33	0.34	0.33	0.33	2.38	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.40	0.19	0.38	0.32	35.29	ppb
Cadmium	106-1	0.69	0.12	-0.60	0.07	918.12	ppb
Cadmium	111-1	0.41	0.38	0.35	0.38	7.46	ppb
Calcium	43-1	70875.61	70834.69	72156.88	71289.06	1.05	ppb
Calcium	44-1	71605.63	70785.34	71995.55	71462.17	0.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7148.30	7106.68	6995.26	7083.42	1.12	ppb
Cobalt	59-2	14.93	14.91	14.69	14.84	0.89	ppb
Copper	63-2	10.16	10.30	10.15	10.21	0.83	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				92		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	54-2	6260.37	6268.70	6253.12	6260.73	0.12	ppb
Iron	56-2	311.29	313.45	310.75	311.83	0.46	ppb
Iron	57-2	312.51	313.89	305.93	310.77	1.37	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.14	0.15	3.52	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-01 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:43:37 DataFile Name : 065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.15	0.13	0.14	6.95	ppb
Lead	208-1	0.14	0.14	0.14	0.14	1.89	ppb
Lithium	6-1				85		%
Magnesium	24-2	27664.53	27870.79	27891.20	27808.84	0.45	ppb
Manganese	55-2	439.71	441.99	441.11	440.94	0.26	ppb
Molybdenum	94-1	0.18	0.17	0.17	0.18	3.41	ppb
Molybdenum	95-1	0.21	0.20	0.20	0.20	4.41	ppb
Molybdenum	96-1	0.18	0.20	0.18	0.19	4.47	ppb
Molybdenum	97-1	0.18	0.22	0.20	0.20	8.91	ppb
Molybdenum	98-1	0.20	0.19	0.18	0.19	3.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	215.82	213.66	213.60	214.36	0.59	ppb
Phosphorus	31-2	108.25	106.87	104.13	106.42	1.97	ppb
Potassium	39-2	1677.63	1671.94	1651.07	1666.88	0.84	ppb
Rhodium	103-1				87		%
Rhodium	103-2				91		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.87	0.73	1.12	0.91	21.91	ppb
Selenium	77-2	2.46	0.00	1.63	1.36	91.89	ppb
Selenium	78-2	0.68	0.67	-0.07	0.43	100.19	ppb
Silicon	28-1	5049.95	4928.27	5090.26	5022.83	1.68	ppb
Silver	107-1	0.04	0.03	0.03	0.03	20.45	ppb
Silver	109-1	0.04	0.04	0.03	0.04	17.45	ppb
Sodium	23-2	26410.31	26288.71	26295.34	26331.45	0.26	ppb
Strontium	86-1	161.41	161.24	158.62	160.42	0.98	ppb
Strontium	88-1	166.00	163.67	161.83	163.83	1.28	ppb
Sulfur	34-1	9016.94	8518.95	8861.99	8799.29	2.90	ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.03	0.03	0.03	16.81	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	4.21	ppb
Tin	118-1	0.29	0.29	0.28	0.29	2.76	ppb
Titanium	47-1	1.51	1.40	1.32	1.41	6.69	ppb
Uranium	238-1	1.20	1.18	1.21	1.20	1.15	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-01

Instrumnet Name :

P8

Client Sample ID :

MC0B99

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:43:37

DataFile Name :

065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.52	0.52	0.50	0.51	2.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	20.84	21.46	20.82	21.04	1.74	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	30.57	ppb
Zirconium	91-1	0.03	0.01	0.02	0.02	67.95	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-02 Instrumnet Name : P8
Client Sample ID : MC0BA0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:46:52 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	1.06	1.39	1.27	14.40	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	21.47	ppb
Arsenic	75-2	0.16	0.11	0.14	0.13	17.25	ppb
Barium	135-1	295.10	289.95	285.67	290.24	1.63	ppb
Barium	137-1	301.88	293.53	291.48	295.63	1.86	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	4.77	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.04	0.03	0.04	5.20	ppb
Cadmium	106-1	-0.51	-0.17	-0.90	-0.52		ppb
Cadmium	111-1	0.02	0.02	0.01	0.02	29.97	ppb
Calcium	43-1	68598.96	64703.12	66086.03	66462.70	2.97	ppb
Calcium	44-1	69015.43	65450.15	65511.48	66659.02	3.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	24.14	22.29	23.14	23.19	3.98	ppb
Cobalt	59-2	1.85	1.72	1.79	1.79	3.70	ppb
Copper	63-2	0.75	0.63	0.72	0.70	8.78	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				96		%
Holmium	165-2				95		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	23.69	22.19	24.50	23.46	5.00	ppb
Iron	56-2	3.57	3.19	3.45	3.40	5.80	ppb
Iron	57-2	4.32	5.09	5.97	5.13	16.16	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.08	0.08	4.94	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-02 Instrumnet Name : P8
Client Sample ID : MC0BA0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:46:52 DataFile Name : 066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.07	0.06	0.07	19.15	ppb
Lead	208-1	0.08	0.07	0.07	0.07	8.94	ppb
Lithium	6-1				89		%
Magnesium	24-2	27783.07	26344.07	26749.55	26958.90	2.75	ppb
Manganese	55-2	136.28	125.60	128.89	130.25	4.20	ppb
Molybdenum	94-1	0.04	0.03	0.04	0.04	10.46	ppb
Molybdenum	95-1	0.04	0.03	0.03	0.04	12.95	ppb
Molybdenum	96-1	0.02	0.02	0.03	0.02	25.45	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	13.38	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	9.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.53	54.03	55.03	55.87	4.23	ppb
Phosphorus	31-2	26.43	12.84	-1.10	12.72	108.17	ppb
Potassium	39-2	1611.39	1497.86	1555.79	1555.02	3.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.65	1.23	0.89	0.92	31.58	ppb
Selenium	77-2	0.83	0.77	0.00	0.53	86.75	ppb
Selenium	78-2	1.94	1.32	-0.07	1.06	97.11	ppb
Silicon	28-1	4827.85	4617.36	4595.52	4680.24	2.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	5.17	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.22	ppb
Sodium	23-2	26183.10	24627.33	25633.06	25481.17	3.10	ppb
Strontium	86-1	160.25	154.88	156.56	157.23	1.75	ppb
Strontium	88-1	163.31	156.07	159.69	159.69	2.27	ppb
Sulfur	34-1	7421.41	6795.83	7032.98	7083.41	4.46	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.82	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	2.69	ppb
Tin	118-1	0.13	0.12	0.11	0.12	7.72	ppb
Titanium	47-1	1.07	1.08	1.12	1.09	2.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	12.54	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-02

Instrumnet Name :

P8

Client Sample ID :

MC0BA0

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:46:52

DataFile Name :

066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	0.01	0.01	85.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	4.60	4.28	4.52	4.47	3.70	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	51.11	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	526.70	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-03 Instrumnet Name : P8
Client Sample ID : MC0BA1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:50:10 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.80	1.70	1.64	1.71	4.74	ppb
Antimony	121-1	0.04	0.03	0.03	0.04	14.84	ppb
Arsenic	75-2	0.14	0.17	0.17	0.16	11.75	ppb
Barium	135-1	196.35	183.70	180.52	186.86	4.48	ppb
Barium	137-1	194.47	185.66	183.45	187.86	3.11	ppb
Beryllium	9-1	0.06	0.05	0.04	0.05	17.85	ppb
Bismuth	209-1				87		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.08	0.06	0.05	72.20	ppb
Cadmium	106-1	-0.08	-1.17	-0.68	-0.64		ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	5045.89	ppb
Calcium	43-1	74558.28	68514.19	69784.27	70952.25	4.49	ppb
Calcium	44-1	74782.59	69553.95	69804.04	71380.19	4.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	23.23	23.26	23.31	23.27	0.18	ppb
Cobalt	59-2	1.43	1.42	1.43	1.43	0.57	ppb
Copper	63-2	17.53	17.56	17.55	17.55	0.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				95		%
Iron	54-2	24.27	23.80	22.55	23.54	3.76	ppb
Iron	56-2	4.25	4.29	4.38	4.31	1.57	ppb
Iron	57-2	6.27	5.77	6.84	6.29	8.52	ppb
Krypton	83-1						cps
Lead	206-1	27.21	26.75	26.00	26.65	2.29	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-03 Instrumnet Name : P8
Client Sample ID : MC0BA1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:50:10 DataFile Name : 067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	26.36	25.90	25.14	25.80	2.39	ppb
Lead	208-1	26.68	25.96	25.25	25.97	2.76	ppb
Lithium	6-1				87		%
Magnesium	24-2	27291.72	26596.51	27196.14	27028.12	1.39	ppb
Manganese	55-2	36.66	36.57	37.19	36.81	0.91	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	17.43	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	12.02	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	20.57	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	12.91	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	16.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.53	68.70	68.54	68.59	0.14	ppb
Phosphorus	31-2	9.71	23.98	10.06	14.58	55.83	ppb
Potassium	39-2	1621.55	1613.52	1617.08	1617.38	0.25	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	0.56	1.00	0.57	0.71	35.54	ppb
Selenium	77-2	0.81	0.78	0.00	0.53	86.64	ppb
Selenium	78-2	1.15	0.63	1.37	1.05	36.08	ppb
Silicon	28-1	5187.45	4810.12	4810.12	4935.90	4.41	ppb
Silver	107-1	0.01	0.01	0.01	0.01	23.07	ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.27	ppb
Sodium	23-2	25570.03	25543.78	25452.06	25521.96	0.24	ppb
Strontium	86-1	184.16	172.95	171.71	176.27	3.89	ppb
Strontium	88-1	189.60	174.11	172.95	178.89	5.20	ppb
Sulfur	34-1	8400.43	7503.54	7315.27	7739.75	7.49	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	0.05	0.04	0.03	0.04	15.88	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	3.08	ppb
Tin	118-1	0.99	0.92	0.90	0.94	5.20	ppb
Titanium	47-1	1.19	1.11	1.06	1.12	5.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	29.88	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-03

Instrumnet Name :

P8

Client Sample ID :

MC0BA1

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:50:10

DataFile Name :

067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.01	0.01	31.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				97		%
Zinc	66-2	20.80	20.63	20.16	20.53	1.62	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.39	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	194.99	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04 Instrumnet Name : P8
Client Sample ID : MC0BA2 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:53:26 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.67	9.86	9.50	9.34	6.53	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	6.68	ppb
Arsenic	75-2	0.17	0.19	0.17	0.18	7.52	ppb
Barium	135-1	171.22	176.29	177.44	174.98	1.89	ppb
Barium	137-1	174.60	176.20	179.83	176.88	1.51	ppb
Beryllium	9-1	0.04	0.04	0.03	0.04	9.16	ppb
Bismuth	209-1				88		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.04	0.07	0.04	105.59	ppb
Cadmium	106-1	-1.23	-0.54	-1.33	-1.03		ppb
Cadmium	111-1	-0.02	-0.01	-0.04	-0.02		ppb
Calcium	43-1	67008.85	67713.91	66965.00	67229.25	0.63	ppb
Calcium	44-1	68068.04	68061.77	67255.39	67795.07	0.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	147.94	152.11	142.17	147.41	3.38	ppb
Cobalt	59-2	0.58	0.60	0.59	0.59	1.40	ppb
Copper	63-2	-0.05	-0.02	-0.09	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	130.76	131.47	126.03	129.42	2.28	ppb
Iron	56-2	3.03	3.15	2.92	3.03	3.78	ppb
Iron	57-2	5.91	5.20	5.57	5.56	6.37	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	12.54	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04 Instrumnet Name : P8
Client Sample ID : MC0BA2 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:53:26 DataFile Name : 068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.03	0.05	0.04	23.11	ppb
Lead	208-1	0.05	0.04	0.04	0.04	12.28	ppb
Lithium	6-1				87		%
Magnesium	24-2	27656.53	28384.07	26108.64	27383.08	4.24	ppb
Manganese	55-2	36.43	36.32	34.62	35.79	2.84	ppb
Molybdenum	94-1	0.09	0.08	0.08	0.08	9.11	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.08	8.82	ppb
Molybdenum	96-1	0.09	0.08	0.07	0.08	12.32	ppb
Molybdenum	97-1	0.08	0.07	0.10	0.08	13.26	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	6.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.97	21.37	20.52	20.95	2.01	ppb
Phosphorus	31-2	35.69	19.92	19.76	25.12	36.43	ppb
Potassium	39-2	1645.93	1663.98	1558.47	1622.79	3.48	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.59	0.63	0.71	0.65	9.90	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.93	1.18	-0.31	0.60	133.23	ppb
Silicon	28-1	4660.22	4611.72	4666.30	4646.08	0.64	ppb
Silver	107-1	0.00	0.00	0.01	0.00	34.32	ppb
Silver	109-1	0.01	0.00	0.01	0.01	20.40	ppb
Sodium	23-2	26728.21	27708.79	25503.83	26646.94	4.15	ppb
Strontium	86-1	177.14	177.17	177.01	177.10	0.05	ppb
Strontium	88-1	180.10	180.93	179.31	180.11	0.45	ppb
Sulfur	34-1	7430.28	7306.87	6954.46	7230.54	3.41	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.05	0.04	0.04	0.04	10.19	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	5.12	ppb
Tin	118-1	0.09	0.11	0.09	0.10	11.94	ppb
Titanium	47-1	1.08	1.10	1.08	1.09	1.15	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.01	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-04

Instrumnet Name :

P8

Client Sample ID :

MC0BA2

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:53:26

DataFile Name :

068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.29	0.29	0.29	0.29	0.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				95		%
Zinc	66-2	0.45	0.46	0.35	0.42	14.49	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	11.02	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	73.30	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-05 Instrumnet Name : P8
Client Sample ID : MC0BA2D Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:56:43 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.68	9.91	8.60	9.06	8.11	ppb
Antimony	121-1	0.05	0.04	0.05	0.05	5.85	ppb
Arsenic	75-2	0.43	0.30	0.31	0.35	20.21	ppb
Barium	135-1	183.05	177.57	176.25	178.96	2.02	ppb
Barium	137-1	185.86	179.25	178.81	181.31	2.18	ppb
Beryllium	9-1	0.03	0.03	0.02	0.03	20.37	ppb
Bismuth	209-1				87		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.00	-0.01	0.00		ppb
Cadmium	106-1	-1.11	-1.48	-2.25	-1.62		ppb
Cadmium	111-1	-0.02	-0.03	-0.04	-0.03		ppb
Calcium	43-1	70569.40	69138.02	67794.59	69167.34	2.01	ppb
Calcium	44-1	70643.65	68643.80	67674.38	68987.28	2.19	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.85	147.15	144.73	145.91	0.83	ppb
Cobalt	59-2	0.56	0.53	0.59	0.56	6.10	ppb
Copper	63-2	-0.01	-0.08	-0.02	-0.03		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				92		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	54-2	129.12	127.72	129.27	128.70	0.66	ppb
Iron	56-2	2.45	2.66	2.65	2.59	4.58	ppb
Iron	57-2	6.25	5.53	5.19	5.66	9.60	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.04	0.04	14.89	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-05 Instrumnet Name : P8
Client Sample ID : MC0BA2D Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:56:43 DataFile Name : 069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.04	0.04	0.03	0.04	21.17	ppb
Lead	208-1	0.04	0.03	0.04	0.04	12.24	ppb
Lithium	6-1				85		%
Magnesium	24-2	27660.84	27141.31	27002.79	27268.31	1.27	ppb
Manganese	55-2	35.89	35.43	35.87	35.73	0.73	ppb
Molybdenum	94-1	0.09	0.10	0.09	0.09	5.77	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	5.62	ppb
Molybdenum	96-1	0.07	0.08	0.08	0.08	3.74	ppb
Molybdenum	97-1	0.09	0.08	0.08	0.08	5.21	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.08	20.87	20.39	20.78	1.69	ppb
Phosphorus	31-2	7.84	26.31	17.45	17.20	53.72	ppb
Potassium	39-2	1609.53	1634.03	1617.81	1620.46	0.77	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				93		%
Selenium	82-1	0.83	0.85	0.79	0.82	3.33	ppb
Selenium	77-2	1.64	0.00	2.45	1.36	91.51	ppb
Selenium	78-2	0.43	1.15	0.43	0.67	62.62	ppb
Silicon	28-1	4879.08	4655.97	4627.15	4720.73	2.92	ppb
Silver	107-1	0.00	0.00	0.00	0.00	34.66	ppb
Silver	109-1	0.01	0.00	0.00	0.00	12.76	ppb
Sodium	23-2	26387.68	26398.95	26017.04	26267.89	0.83	ppb
Strontium	86-1	183.74	180.87	177.39	180.67	1.76	ppb
Strontium	88-1	187.18	183.94	180.69	183.94	1.76	ppb
Sulfur	34-1	7934.86	7310.24	7151.75	7465.61	5.55	ppb
Terbium	159-1				91		%
Terbium	159-2				94		%
Thallium	203-1	0.04	0.04	0.04	0.04	4.55	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.82	ppb
Tin	118-1	0.12	0.09	0.09	0.10	15.00	ppb
Titanium	47-1	1.04	1.06	1.06	1.05	0.88	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	4.16	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-05

Instrumnet Name :

P8

Client Sample ID :

MC0BA2D

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 17:56:43

DataFile Name :

069SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.27	0.27	0.28	0.27	1.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				92		%
Yttrium	89-2				95		%
Zinc	66-2	0.32	0.34	0.38	0.34	9.13	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	5.60	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	64.62	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04LX5 Instrumnet Name : P8
Client Sample ID : MC0BA2L Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:59:59 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.49	2.16	1.09	1.91	38.30	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	17.75	ppb
Arsenic	75-2	0.05	0.00	0.04	0.03	76.49	ppb
Barium	135-1	35.94	36.35	35.90	36.06	0.69	ppb
Barium	137-1	36.45	37.07	36.83	36.78	0.85	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	17.90	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.03	0.04	0.02	104.05	ppb
Cadmium	106-1	-1.15	-0.51	-1.14	-0.93		ppb
Cadmium	111-1	-0.02	-0.02	-0.03	-0.02		ppb
Calcium	43-1	13532.00	13727.83	13642.64	13634.15	0.72	ppb
Calcium	44-1	13698.74	13866.20	13653.64	13739.53	0.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	29.28	29.93	31.63	30.28	4.01	ppb
Cobalt	59-2	0.12	0.11	0.12	0.11	5.14	ppb
Copper	63-2	-0.10	-0.10	-0.06	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	26.58	26.96	28.25	27.26	3.21	ppb
Iron	56-2	0.73	0.78	0.77	0.76	3.36	ppb
Iron	57-2	0.73	0.99	0.66	0.80	22.05	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	21.01	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04LX5 Instrumnet Name : P8
Client Sample ID : MC0BA2L Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:59:59 DataFile Name : 070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.01	0.01	0.02	53.46	ppb
Lead	208-1	0.02	0.02	0.01	0.02	11.89	ppb
Lithium	6-1				88		%
Magnesium	24-2	5636.98	5605.38	6010.22	5750.86	3.92	ppb
Manganese	55-2	7.26	7.67	7.60	7.51	2.94	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.03	14.76	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	30.94	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	16.84	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	13.52	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	24.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.21	4.28	4.44	4.31	2.62	ppb
Phosphorus	31-2	-18.72	0.53	-22.24	-13.48		ppb
Potassium	39-2	325.43	341.85	360.68	342.65	5.15	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	82-1	0.00	0.04	0.24	0.10	135.46	ppb
Selenium	77-2	0.00	0.00	0.85	0.28	173.21	ppb
Selenium	78-2	0.40	0.17	0.20	0.26	48.13	ppb
Silicon	28-1	937.51	940.54	931.91	936.65	0.47	ppb
Silver	107-1	0.00	0.00	0.00	0.00	98.85	ppb
Silver	109-1	0.00	0.00	0.00	0.00	6.51	ppb
Sodium	23-2	5280.30	5350.02	5733.50	5454.61	4.47	ppb
Strontium	86-1	35.59	35.78	36.13	35.83	0.76	ppb
Strontium	88-1	37.11	37.78	36.40	37.09	1.86	ppb
Sulfur	34-1	1301.22	1203.33	1138.23	1214.26	6.76	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.02	0.02	0.02	7.15	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.97	ppb
Tin	118-1	0.03	0.26	0.02	0.10	133.60	ppb
Titanium	47-1	0.20	0.23	0.27	0.23	16.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	7.71	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-04LX5

Instrumnet Name :

P8

Client Sample ID :

MC0BA2L

Dilution Factor :

5

Date & Time Acquired :

2025-01-17 17:59:59

DataFile Name :

070SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.05	0.06	0.07	0.06	19.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				95		%
Zinc	66-2	0.26	0.24	0.27	0.26	4.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	73.25	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	30.57	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-06 Instrumnet Name : P8
Client Sample ID : MC0BA2S Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:03:18 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1965.47	1963.17	1983.57	1970.74	0.57	ppb
Antimony	121-1	97.09	100.35	98.22	98.56	1.68	ppb
Arsenic	75-2	40.78	39.33	42.80	40.97	4.25	ppb
Barium	135-1	2191.69	2258.95	2200.83	2217.16	1.65	ppb
Barium	137-1	2186.13	2238.85	2144.72	2189.90	2.15	ppb
Beryllium	9-1	49.97	51.04	50.82	50.61	1.12	ppb
Bismuth	209-1				88		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	40.35	41.64	40.38	40.79	1.81	ppb
Cadmium	106-1	37.07	41.56	38.55	39.06	5.85	ppb
Cadmium	111-1	48.94	50.37	49.78	49.70	1.45	ppb
Calcium	43-1	65129.51	67668.83	64929.92	65909.42	2.32	ppb
Calcium	44-1	65537.50	66836.37	65805.94	66059.94	1.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	350.47	349.25	349.51	349.74	0.18	ppb
Cobalt	59-2	530.19	531.15	530.07	530.47	0.11	ppb
Copper	63-2	274.63	275.94	274.26	274.94	0.32	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				94		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				96		%
Iron	54-2	1410.24	1429.56	1411.16	1416.99	0.77	ppb
Iron	56-2	1151.79	1129.79	1142.74	1141.44	0.97	ppb
Iron	57-2	1121.00	1124.73	1114.93	1120.22	0.44	ppb
Krypton	83-1						cps
Lead	206-1	20.11	20.58	21.06	20.58	2.30	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-06 Instrumnet Name : P8
Client Sample ID : MC0BA2S Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:03:18 DataFile Name : 071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	20.34	20.48	21.05	20.62	1.81	ppb
Lead	208-1	20.07	20.50	20.91	20.49	2.05	ppb
Lithium	6-1				87		%
Magnesium	24-2	26883.32	26887.43	26589.24	26786.66	0.64	ppb
Manganese	55-2	558.96	554.59	553.44	555.66	0.52	ppb
Molybdenum	94-1	0.15	0.13	0.16	0.15	10.53	ppb
Molybdenum	95-1	0.14	0.17	0.17	0.16	9.34	ppb
Molybdenum	96-1	0.16	0.16	0.15	0.16	3.23	ppb
Molybdenum	97-1	0.14	0.15	0.14	0.14	5.05	ppb
Molybdenum	98-1	0.14	0.15	0.14	0.15	5.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.19	534.97	532.37	533.51	0.25	ppb
Phosphorus	31-2	15.97	12.60	24.51	17.69	34.70	ppb
Potassium	39-2	1591.86	1590.69	1621.76	1601.44	1.10	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	98.47	100.91	101.06	100.15	1.45	ppb
Selenium	77-2	108.27	84.70	100.79	97.92	12.30	ppb
Selenium	78-2	104.73	101.94	95.31	100.66	4.81	ppb
Silicon	28-1	4490.28	4518.48	4470.35	4493.04	0.54	ppb
Silver	107-1	48.60	50.05	49.61	49.42	1.50	ppb
Silver	109-1	49.13	50.61	50.05	49.93	1.49	ppb
Sodium	23-2	25966.79	25951.00	25840.23	25919.34	0.27	ppb
Strontium	86-1	171.64	175.89	175.35	174.29	1.33	ppb
Strontium	88-1	176.13	179.78	179.73	178.55	1.17	ppb
Sulfur	34-1	6853.57	6895.52	6726.92	6825.34	1.29	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	48.68	49.25	50.22	49.38	1.57	ppb
Thallium	205-1	50.18	51.36	50.29	50.61	1.29	ppb
Tin	118-1	0.27	0.28	0.28	0.28	2.08	ppb
Titanium	47-1	1.15	1.12	1.14	1.14	1.15	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	3.22	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-06

Instrumnet Name :

P8

Client Sample ID :

MC0BA2S

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 18:03:18

DataFile Name :

071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	509.20	512.87	509.13	510.40	0.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				97		%
Zinc	66-2	529.37	526.46	529.49	528.44	0.32	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	7.62	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	8.00	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-07 Instrumnet Name : P8
Client Sample ID : MC0BA4 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:06:28 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.34	9.43	9.51	10.09	10.67	ppb
Antimony	121-1	0.22	0.23	0.23	0.22	3.11	ppb
Arsenic	75-2	0.21	0.31	0.26	0.26	19.16	ppb
Barium	135-1	178.82	178.41	179.93	179.05	0.44	ppb
Barium	137-1	180.17	180.41	181.33	180.64	0.34	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	2.30	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.09	0.04	0.07	42.56	ppb
Cadmium	106-1	0.21	-0.76	-0.64	-0.40		ppb
Cadmium	111-1	0.05	0.00	0.03	0.02	96.17	ppb
Calcium	43-1	68365.67	69297.44	67642.00	68435.04	1.21	ppb
Calcium	44-1	68193.97	68356.20	67744.16	68098.11	0.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	145.93	148.00	144.63	146.18	1.16	ppb
Cobalt	59-2	0.56	0.58	0.60	0.58	3.32	ppb
Copper	63-2	2.15	2.52	2.43	2.37	8.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	54-2	128.95	131.73	129.85	130.18	1.09	ppb
Iron	56-2	3.42	3.58	3.60	3.54	2.82	ppb
Iron	57-2	6.44	6.13	4.38	5.65	19.62	ppb
Krypton	83-1						cps
Lead	206-1	0.41	0.47	0.46	0.45	7.01	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-07 Instrumnet Name : P8
Client Sample ID : MC0BA4 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:06:28 DataFile Name : 072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.40	0.47	0.46	0.44	7.82	ppb
Lead	208-1	0.40	0.47	0.46	0.44	8.27	ppb
Lithium	6-1				90		%
Magnesium	24-2	27497.83	27345.91	26940.91	27261.55	1.06	ppb
Manganese	55-2	40.19	40.47	39.89	40.19	0.72	ppb
Molybdenum	94-1	0.10	0.09	0.10	0.10	4.18	ppb
Molybdenum	95-1	0.11	0.11	0.12	0.11	2.75	ppb
Molybdenum	96-1	0.11	0.11	0.09	0.10	7.81	ppb
Molybdenum	97-1	0.11	0.09	0.11	0.10	12.06	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	2.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.83	20.61	20.87	20.77	0.66	ppb
Phosphorus	31-2	17.33	30.97	26.14	24.82	27.87	ppb
Potassium	39-2	1656.16	1660.07	1631.71	1649.31	0.93	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	0.66	1.01	0.48	0.72	37.59	ppb
Selenium	77-2	0.00	0.00	1.52	0.51	173.21	ppb
Selenium	78-2	1.31	-0.07	0.61	0.61	112.89	ppb
Silicon	28-1	4657.20	4668.17	4623.21	4649.53	0.50	ppb
Silver	107-1	0.22	0.17	0.18	0.19	13.13	ppb
Silver	109-1	0.21	0.17	0.17	0.19	12.45	ppb
Sodium	23-2	26450.02	26867.15	26252.40	26523.19	1.18	ppb
Strontium	86-1	178.83	179.74	179.08	179.22	0.26	ppb
Strontium	88-1	184.16	180.51	180.10	181.59	1.23	ppb
Sulfur	34-1	7686.65	7784.36	7616.21	7695.74	1.10	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	0.83	0.96	0.93	0.91	7.77	ppb
Thallium	205-1	0.83	0.98	0.93	0.92	8.11	ppb
Tin	118-1	0.41	0.46	0.47	0.44	7.33	ppb
Titanium	47-1	1.04	1.06	1.08	1.06	1.84	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	1.19	ppb

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

Q1085-07

Instrumnet Name :

P8

Client Sample ID :

MC0BA4

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 18:06:28

DataFile Name :

072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.36	0.28	0.31	0.32	11.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	1.10	1.32	1.24	1.22	8.94	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.94	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	162.94	ppb

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	CCV005	Instrumnet Name :	P8
Client Sample ID :	CCV005	Dilution Factor :	1
Date & Time Acquired :	2025-01-17 18:13:37	DataFile Name :	073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48079.47	48782.15	48598.64	48486.76	0.75	ppb
Antimony	121-1	473.06	486.17	481.69	480.31	1.39	ppb
Arsenic	75-2	489.27	496.76	491.92	492.65	0.77	ppb
Barium	135-1	2387.09	2471.85	2468.37	2442.44	1.96	ppb
Barium	137-1	2384.34	2473.36	2473.98	2443.89	2.11	ppb
Beryllium	9-1	500.20	508.77	504.51	504.49	0.85	ppb
Bismuth	209-1				79		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Cadmium	108-1	464.99	470.71	475.56	470.42	1.12	ppb
Cadmium	106-1	469.23	477.38	480.38	475.66	1.21	ppb
Cadmium	111-1	461.07	479.17	471.31	470.52	1.93	ppb
Calcium	43-1	244367.88	248538.53	249690.61	247532.34	1.13	ppb
Calcium	44-1	248137.41	248499.70	249830.49	248822.53	0.36	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.63	511.16	497.11	502.63	1.49	ppb
Cobalt	59-2	494.15	494.24	496.84	495.07	0.31	ppb
Copper	63-2	4727.36	4821.39	4737.44	4762.06	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				89		%
Indium	115-1				83		%
Indium	115-2				84		%
Iron	54-2	126518.19	128860.25	128979.79	128119.41	1.08	ppb
Iron	56-2	127864.16	129029.65	126459.21	127784.34	1.01	ppb
Iron	57-2	127191.12	128269.03	126638.52	127366.22	0.65	ppb
Krypton	83-1						cps
Lead	206-1	2493.91	2528.41	2563.15	2528.49	1.37	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P8
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:13:37 DataFile Name : 073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2458.93	2529.13	2528.56	2505.54	1.61	ppb
Lead	208-1	2460.81	2515.02	2543.72	2506.51	1.68	ppb
Lithium	6-1				79		%
Magnesium	24-2	271637.66	271489.51	271876.60	271667.92	0.07	ppb
Manganese	55-2	4977.67	5009.16	5004.77	4997.20	0.34	ppb
Molybdenum	94-1	4883.75	5036.75	5048.66	4989.72	1.84	ppb
Molybdenum	95-1	4920.10	5016.75	4999.17	4978.67	1.03	ppb
Molybdenum	96-1	4935.39	5014.95	4933.49	4961.28	0.94	ppb
Molybdenum	97-1	4911.08	4950.96	4978.65	4946.90	0.69	ppb
Molybdenum	98-1	4930.43	5008.68	5037.98	4992.36	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	461.04	463.82	463.71	462.86	0.34	ppb
Phosphorus	31-2	9960.71	9687.45	9842.95	9830.37	1.39	ppb
Potassium	39-2	122970.55	124690.84	124420.45	124027.28	0.75	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	82-1	472.24	478.93	480.24	477.14	0.90	ppb
Selenium	77-2	507.50	496.06	458.59	487.38	5.25	ppb
Selenium	78-2	496.71	482.11	488.61	489.14	1.50	ppb
Silicon	28-1	679.06	680.80	689.92	683.26	0.85	ppb
Silver	107-1	456.65	467.81	459.54	461.34	1.26	ppb
Silver	109-1	460.55	457.73	460.61	459.63	0.36	ppb
Sodium	23-2	256634.21	259230.10	256583.95	257482.75	0.59	ppb
Strontium	86-1	493.99	511.90	510.18	505.36	1.96	ppb
Strontium	88-1	491.94	499.79	493.37	495.03	0.84	ppb
Sulfur	34-1	9989.26	10183.80	10295.71	10156.26	1.53	ppb
Terbium	159-1				88		%
Terbium	159-2				88		%
Thallium	203-1	497.93	504.46	510.24	504.21	1.22	ppb
Thallium	205-1	501.04	505.44	507.03	504.51	0.62	ppb
Tin	118-1	478.72	489.96	485.41	484.70	1.17	ppb
Titanium	47-1	4887.97	4972.52	5004.80	4955.10	1.22	ppb
Uranium	238-1	501.06	518.00	517.54	512.20	1.88	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P8
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:13:37 DataFile Name : 073CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	493.65	499.31	492.62	495.19	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				89		%
Zinc	66-2	4788.62	4868.61	4738.11	4798.45	1.37	ppb
Zirconium	90-1	490.08	510.81	502.17	501.02	2.08	ppb
Zirconium	91-1	503.28	505.56	500.79	503.21	0.47	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P8
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:16:25 DataFile Name : 074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	-0.40	-0.29	-0.28		ppb
Antimony	121-1	0.11	0.09	0.07	0.09	19.79	ppb
Arsenic	75-2	-0.01	0.02	0.05	0.02	147.31	ppb
Barium	135-1	0.13	0.13	0.09	0.12	16.72	ppb
Barium	137-1	0.10	0.12	0.10	0.10	9.03	ppb
Beryllium	9-1	0.10	0.10	0.08	0.09	9.42	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.10	0.03	0.06	69.82	ppb
Cadmium	106-1	-0.86	-0.77	-0.66	-0.76		ppb
Cadmium	111-1	0.01	0.01	0.01	0.01	24.15	ppb
Calcium	43-1	10.22	11.69	10.60	10.84	7.04	ppb
Calcium	44-1	11.36	13.32	11.01	11.90	10.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.02	0.03	22.06	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	30.10	ppb
Copper	63-2	0.05	0.05	0.08	0.06	35.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				93		%
Iron	54-2	2.91	3.28	2.96	3.05	6.55	ppb
Iron	56-2	3.19	3.21	3.28	3.23	1.43	ppb
Iron	57-2	2.89	3.90	2.56	3.12	22.53	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.12	0.13	10.27	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P8
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:16:25 DataFile Name : 074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.14	0.12	0.13	8.47	ppb
Lead	208-1	0.14	0.13	0.12	0.13	7.93	ppb
Lithium	6-1				86		%
Magnesium	24-2	4.99	4.31	4.31	4.53	8.66	ppb
Manganese	55-2	0.21	0.19	0.18	0.20	8.63	ppb
Molybdenum	94-1	0.21	0.21	0.18	0.20	9.26	ppb
Molybdenum	95-1	0.21	0.21	0.19	0.20	4.71	ppb
Molybdenum	96-1	0.22	0.23	0.19	0.21	9.60	ppb
Molybdenum	97-1	0.23	0.21	0.17	0.20	15.37	ppb
Molybdenum	98-1	0.20	0.22	0.18	0.20	9.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.02	0.01	346.67	ppb
Phosphorus	31-2	-21.49	-22.61	-27.21	-23.77		ppb
Potassium	39-2	23.46	20.21	23.89	22.52	8.93	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				92		%
Selenium	82-1	0.17	0.20	0.13	0.17	20.88	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.31	-0.31	-0.31	-0.31		ppb
Silicon	28-1	0.19	0.22	0.07	0.16	49.45	ppb
Silver	107-1	0.07	0.06	0.05	0.06	10.62	ppb
Silver	109-1	0.06	0.06	0.05	0.06	16.26	ppb
Sodium	23-2	44.33	45.37	42.97	44.23	2.72	ppb
Strontium	86-1	0.01	0.01	0.02	0.01	29.20	ppb
Strontium	88-1	0.01	0.02	0.01	0.01	4.71	ppb
Sulfur	34-1	-605.24	-581.73	-555.31	-580.76		ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.07	0.05	0.06	0.06	14.93	ppb
Thallium	205-1	0.06	0.06	0.05	0.06	8.01	ppb
Tin	118-1	0.02	0.02	0.02	0.02	12.81	ppb
Titanium	47-1	0.12	0.14	0.11	0.13	12.70	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.25	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB005 Instrumnet Name : P8
Client Sample ID : CCB005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:16:25 DataFile Name : 074CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.02	0.01	0.02	0.01	50.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				94		%
Zinc	66-2	0.24	0.23	0.37	0.28	27.50	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	16.65	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	34.29	ppb

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:32:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	120	167	134	20.79	cps
Antimony	121-1	50	40	47	46	11.18	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	157	140	130	142	9.47	cps
Barium	137-1	190	210	240	213	11.80	cps
Beryllium	9-1	302	249	306	286	11.26	cps
Bismuth	209-1	12094909	12247611	12306557	12216359	0.89	cps
Bismuth	209-2	4466009	4440207	4520393	4475536	0.91	cps
Bromine	81-1	6632	6495	7015	6714	4.02	cps
Cadmium	108-1	20	10	17	16	32.73	cps
Cadmium	106-1	8970	8643	8319	8644	3.76	cps
Cadmium	111-1	1807	1732	1666	1735	4.07	cps
Calcium	43-1	530	423	403	452	15.06	cps
Calcium	44-1	8699	8956	9343	9000	3.60	cps
Carbon	12-1	3170445	3129858	3115049	3138451	0.91	cps
Carbon	12-2	21946	22020	22320	22096	0.90	cps
Chlorine	35-1	67835	69395	68605	68611	1.14	cps
Chlorine	35-2	277	310	263	283	8.48	cps
Chromium	52-2	553	567	480	533	8.75	cps
Cobalt	59-2	87	110	93	97	12.43	cps
Copper	63-2	4401	4571	4337	4436	2.72	cps
Dysprosium	156-1	10	20	17	16	32.73	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	100	117	127	114	11.77	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	107	83	100	97	12.44	cps
Gadolinium	160-2	13	10	17	13	25.01	cps
Holmium	165-1	18983627	19154872	18888527	19009008	0.71	cps
Holmium	165-2	6012545	6084363	6070731	6055880	0.63	cps
Indium	115-1	14542061	14571384	14624657	14579367	0.29	cps
Indium	115-2	1403656	1416773	1408976	1409802	0.47	cps
Iron	54-2	300	230	230	253	15.96	cps
Iron	56-2	2994	3380	3354	3243	6.66	cps
Iron	57-2	87	73	90	83	10.59	cps
Krypton	83-1	187	183	173	181	3.83	cps
Lead	206-1	1440	1463	1420	1441	1.51	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:32:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1270	1257	1293	1273	1.46	cps
Lead	208-1	5751	5824	5537	5704	2.61	cps
Lithium	6-1	8862166	8757988	8627862	8749339	1.34	cps
Magnesium	24-2	670	613	723	669	8.22	cps
Manganese	55-2	63	80	57	67	18.03	cps
Molybdenum	94-1	370	340	277	329	14.49	cps
Molybdenum	95-1	143	110	93	116	22.04	cps
Molybdenum	96-1	143	200	160	168	17.36	cps
Molybdenum	97-1	87	67	60	71	19.52	cps
Molybdenum	98-1	183	157	180	173	8.38	cps
Neodymium	150-1	10	0	20	10	100.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1163	1213	1300	1226	5.64	cps
Phosphorus	31-2	53	47	43	48	10.66	cps
Potassium	39-2	7142	7002	6748	6964	2.86	cps
Rhodium	103-1	13450974	13579700	13374297	13468324	0.77	cps
Rhodium	103-2	5000499	4942705	4948253	4963819	0.64	cps
Scandium	45-1	10294994	10339905	10287148	10307349	0.28	cps
Scandium	45-2	190018	188015	188196	188743	0.59	cps
Selenium	82-1	60	-23	47	28	161.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	0	3	4	114.60	cps
Silicon	28-1	432658	428344	428959	429987	0.54	cps
Silver	107-1	180	183	203	189	6.68	cps
Silver	109-1	80	77	83	80	4.16	cps
Sodium	23-2	17741	17534	17454	17576	0.84	cps
Strontium	86-1	330	357	433	373	14.37	cps
Strontium	88-1	297	223	267	262	14.06	cps
Sulfur	34-1	469806	473339	467821	470322	0.59	cps
Terbium	159-1	19392564	19496917	19355085	19414855	0.38	cps
Terbium	159-2	6048669	5973503	5967462	5996545	0.75	cps
Thallium	203-1	300	240	243	261	12.91	cps
Thallium	205-1	600	623	577	600	3.89	cps
Tin	118-1	1513	1390	1240	1381	9.91	cps
Titanium	47-1	180	177	157	171	7.37	cps
Uranium	238-1	170	110	160	147	21.92	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:32:13 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	3	10	6	69.34	cps
Ytterbium	172-1	123	103	117	114	8.90	cps
Ytterbium	172-2	27	33	23	28	18.33	cps
Ytterbium	176-1	2520	2757	2527	2601	5.18	cps
Ytterbium	176-2	413	387	450	417	7.63	cps
Yttrium	89-1	26672110	26482279	26387989	26514126	0.55	cps
Yttrium	89-2	1813428	1818436	1834184	1822016	0.59	cps
Zinc	66-2	367	307	317	330	9.74	cps
Zirconium	90-1	873	843	810	842	3.76	cps
Zirconium	91-1	223	157	217	199	18.46	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:38:57 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1603	1623	1493	1573	4.45	cps
Antimony	121-1	33324	34587	34036	33982	1.86	cps
Arsenic	75-2	310	290	290	297	3.89	cps
Barium	135-1	44309	42761	44132	43734	1.94	cps
Barium	137-1	75767	76203	75653	75874	0.38	cps
Beryllium	9-1	7075	7065	7143	7094	0.60	cps
Bismuth	209-1	12412196	12206938	12374904	12331346	0.89	cps
Bismuth	209-2	4607695	4557273	4716817	4627261	1.76	cps
Bromine	81-1	6878	6882	6855	6872	0.21	cps
Cadmium	108-1	327	447	430	401	16.21	cps
Cadmium	106-1	9267	9270	8846	9128	2.67	cps
Cadmium	111-1	6396	6242	6042	6227	2.84	cps
Calcium	43-1	32664	32887	32751	32767	0.34	cps
Calcium	44-1	527753	526308	522995	525685	0.46	cps
Carbon	12-1	3306370	3253807	3215475	3258551	1.40	cps
Carbon	12-2	23282	23035	22901	23073	0.84	cps
Chlorine	35-1	68554	70266	69696	69506	1.25	cps
Chlorine	35-2	267	263	277	269	2.58	cps
Chromium	52-2	7879	7665	7769	7771	1.37	cps
Cobalt	59-2	7062	7292	7299	7217	1.87	cps
Copper	63-2	15112	15358	15172	15214	0.85	cps
Dysprosium	156-1	27	33	33	31	12.36	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	97	80	87	88	9.56	cps
Erbium	164-2	50	37	40	42	16.43	cps
Gadolinium	160-1	87	90	93	90	3.70	cps
Gadolinium	160-2	33	20	17	23	37.78	cps
Holmium	165-1	19156433	19308724	18895267	19120141	1.09	cps
Holmium	165-2	6155885	6166820	6345607	6222771	1.71	cps
Indium	115-1	14702041	14649019	14591577	14647546	0.38	cps
Indium	115-2	1443147	1425281	1494973	1454467	2.49	cps
Iron	54-2	8383	8443	8429	8418	0.37	cps
Iron	56-2	146493	149931	147230	147885	1.22	cps
Iron	57-2	3711	3654	3580	3648	1.79	cps
Krypton	83-1	173	177	217	189	12.77	cps
Lead	206-1	16007	16410	15910	16109	1.65	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:38:57 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	13974	14705	14458	14379	2.59	cps
Lead	208-1	65045	65839	64871	65251	0.79	cps
Lithium	6-1	8753690	8744957	8767274	8755307	0.13	cps
Magnesium	24-2	139822	140492	139412	139909	0.39	cps
Manganese	55-2	1690	1753	1630	1691	3.65	cps
Molybdenum	94-1	36364	35609	36688	36220	1.53	cps
Molybdenum	95-1	44344	43852	44367	44188	0.66	cps
Molybdenum	96-1	48943	48661	48625	48743	0.36	cps
Molybdenum	97-1	27551	27210	27377	27379	0.62	cps
Molybdenum	98-1	70859	71278	71771	71303	0.64	cps
Neodymium	150-1	20	13	30	21	39.75	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	3280	3184	3044	3169	3.76	cps
Phosphorus	31-2	170	180	167	172	4.03	cps
Potassium	39-2	81532	80721	80985	81079	0.51	cps
Rhodium	103-1	13615745	13585366	13440216	13547109	0.69	cps
Rhodium	103-2	5059046	4963043	5214996	5079028	2.50	cps
Scandium	45-1	10269984	10448309	10226504	10314932	1.14	cps
Scandium	45-2	194461	189209	199818	194496	2.73	cps
Selenium	82-1	1433	1400	1377	1403	2.03	cps
Selenium	77-2	33	23	30	29	17.63	cps
Selenium	78-2	100	93	93	96	4.03	cps
Silicon	28-1	516909	518607	522999	519505	0.61	cps
Silver	107-1	22301	23056	22772	22710	1.68	cps
Silver	109-1	21684	21360	21824	21623	1.10	cps
Sodium	23-2	285779	286121	282565	284822	0.69	cps
Strontium	86-1	6325	6538	6125	6329	3.27	cps
Strontium	88-1	51545	52251	51782	51859	0.69	cps
Sulfur	34-1	470880	472952	474955	472929	0.43	cps
Terbium	159-1	19257732	19707507	19375865	19447035	1.20	cps
Terbium	159-2	6131207	6011423	6302397	6148342	2.38	cps
Thallium	203-1	18870	18720	18974	18855	0.68	cps
Thallium	205-1	43881	44937	44235	44351	1.21	cps
Tin	118-1	75309	73901	73710	74307	1.17	cps
Titanium	47-1	14204	14054	14357	14205	1.07	cps
Uranium	238-1	61200	61317	60875	61130	0.37	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:38:57 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13974	14261	14057	14097	1.05	cps
Ytterbium	172-1	130	100	147	126	18.84	cps
Ytterbium	172-2	30	33	53	39	32.45	cps
Ytterbium	176-1	2580	2637	2714	2644	2.53	cps
Ytterbium	176-2	360	390	437	396	9.77	cps
Yttrium	89-1	26680349	26707931	26342478	26576919	0.77	cps
Yttrium	89-2	1880966	1824363	1924879	1876736	2.69	cps
Zinc	66-2	3057	3140	2954	3050	3.07	cps
Zirconium	90-1	31773	31609	31599	31660	0.31	cps
Zirconium	91-1	6762	7049	6545	6785	3.72	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:42:17 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75179	74874	75361	75138	0.33	cps
Antimony	121-1	819280	828338	831945	826521	0.79	cps
Arsenic	75-2	14644	14708	15158	14837	1.89	cps
Barium	135-1	1037081	1042900	1044571	1041517	0.38	cps
Barium	137-1	1830924	1871952	1851918	1851598	1.11	cps
Beryllium	9-1	330110	330694	329475	330093	0.18	cps
Bismuth	209-1	12422926	12318225	12159562	12300238	1.08	cps
Bismuth	209-2	4516391	4472001	4558850	4515748	0.96	cps
Bromine	81-1	6845	7125	7172	7047	2.51	cps
Cadmium	108-1	18679	18115	18452	18416	1.54	cps
Cadmium	106-1	34493	34135	33698	34109	1.17	cps
Cadmium	111-1	208297	211629	214554	211493	1.48	cps
Calcium	43-1	302954	305363	307896	305404	0.81	cps
Calcium	44-1	4939043	4947195	4908070	4931436	0.42	cps
Carbon	12-1	3350888	3260051	3232820	3281253	1.88	cps
Carbon	12-2	23612	23569	22754	23312	2.07	cps
Chlorine	35-1	67801	69084	67111	67999	1.47	cps
Chlorine	35-2	203	267	313	261	21.14	cps
Chromium	52-2	179426	180109	179515	179683	0.21	cps
Cobalt	59-2	336960	337520	337889	337456	0.14	cps
Copper	63-2	2596588	2577249	2600306	2591381	0.48	cps
Dysprosium	156-1	30	40	63	44	38.48	cps
Dysprosium	156-2	10	3	13	9	57.30	cps
Erbium	164-1	87	137	160	128	29.32	cps
Erbium	164-2	53	47	43	48	10.66	cps
Gadolinium	160-1	113	80	83	92	19.91	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	19289808	19526216	19114778	19310267	1.07	cps
Holmium	165-2	6201769	6141681	6160873	6168107	0.50	cps
Indium	115-1	14744604	14698002	14964677	14802428	0.96	cps
Indium	115-2	1425579	1427228	1431533	1428113	0.22	cps
Iron	54-2	371270	373429	372658	372452	0.29	cps
Iron	56-2	6722159	6804800	6865040	6797333	1.06	cps
Iron	57-2	169210	169656	169771	169546	0.17	cps
Krypton	83-1	230	197	247	224	11.34	cps
Lead	206-1	3705402	3680594	3707330	3697775	0.40	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:42:17 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3200361	3166593	3181045	3182666	0.53	cps
Lead	208-1	14627183	14636141	14441500	14568275	0.75	cps
Lithium	6-1	8724486	8670743	8714981	8703404	0.33	cps
Magnesium	24-2	1320950	1358947	1325044	1334981	1.56	cps
Manganese	55-2	763540	767540	771771	767617	0.54	cps
Molybdenum	94-1	2950446	3009228	2966961	2975545	1.02	cps
Molybdenum	95-1	4304843	4373205	4280076	4319375	1.12	cps
Molybdenum	96-1	4740066	4707941	4759872	4735960	0.55	cps
Molybdenum	97-1	2666334	2635910	2689753	2663999	1.01	cps
Molybdenum	98-1	6921034	6918214	6961742	6933663	0.35	cps
Neodymium	150-1	93	123	73	97	26.04	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	95216	94363	94383	94654	0.51	cps
Phosphorus	31-2	3350	3520	3357	3409	2.82	cps
Potassium	39-2	362798	367952	366161	365637	0.72	cps
Rhodium	103-1	13342841	13422072	13401982	13388965	0.31	cps
Rhodium	103-2	4996018	4930400	4938154	4954857	0.72	cps
Scandium	45-1	10457684	10209705	10522090	10396493	1.59	cps
Scandium	45-2	189609	190200	190515	190108	0.24	cps
Selenium	82-1	14197	13684	14111	13997	1.97	cps
Selenium	77-2	247	213	213	224	8.57	cps
Selenium	78-2	807	777	737	773	4.54	cps
Silicon	28-1	2671024	2753824	2724906	2716585	1.55	cps
Silver	107-1	1128522	1136753	1147776	1137684	0.85	cps
Silver	109-1	1086741	1087511	1090059	1088104	0.16	cps
Sodium	23-2	2543074	2603823	2600794	2582564	1.33	cps
Strontium	86-1	301698	303409	304196	303101	0.42	cps
Strontium	88-1	2649930	2667736	2653384	2657017	0.36	cps
Sulfur	34-1	571491	564950	562490	566310	0.82	cps
Terbium	159-1	19644007	19471078	19919639	19678241	1.15	cps
Terbium	159-2	6127503	6026314	6061680	6071832	0.85	cps
Thallium	203-1	913467	920871	924990	919776	0.63	cps
Thallium	205-1	2229632	2244337	2215764	2229911	0.64	cps
Tin	118-1	711908	718299	725425	718544	0.94	cps
Titanium	47-1	1365713	1382799	1365532	1371348	0.72	cps
Uranium	238-1	3039105	3029247	3032685	3033679	0.16	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:42:17 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	136338	136800	137325	136821	0.36	cps
Ytterbium	172-1	127	123	80	110	23.67	cps
Ytterbium	172-2	37	50	67	51	29.41	cps
Ytterbium	176-1	6462	6355	6465	6427	0.97	cps
Ytterbium	176-2	1687	1660	1703	1683	1.30	cps
Yttrium	89-1	27153365	26715365	26636484	26835072	1.04	cps
Yttrium	89-2	1835232	1864933	1832441	1844202	0.98	cps
Zinc	66-2	266172	266590	266431	266397	0.08	cps
Zirconium	90-1	1505018	1528735	1501296	1511683	0.98	cps
Zirconium	91-1	326193	325682	333012	328295	1.25	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	189429	188430	188285	188715	0.33	cps
Antimony	121-1	2120821	2167601	2153876	2147433	1.12	cps
Arsenic	75-2	38228	38262	39084	38525	1.26	cps
Barium	135-1	2700936	2727522	2698857	2709105	0.59	cps
Barium	137-1	4602572	4622555	4695311	4640146	1.05	cps
Beryllium	9-1	812843	811803	814073	812906	0.14	cps
Bismuth	209-1	12176898	12257461	12211414	12215258	0.33	cps
Bismuth	209-2	4428163	4428321	4462343	4439609	0.44	cps
Bromine	81-1	7005	7315	7405	7242	2.90	cps
Cadmium	108-1	46047	46582	46314	46314	0.58	cps
Cadmium	106-1	71400	72151	72040	71864	0.56	cps
Cadmium	111-1	532032	532532	537432	533999	0.56	cps
Calcium	43-1	759281	767728	769988	765666	0.74	cps
Calcium	44-1	12454178	12358326	12267383	12359962	0.76	cps
Carbon	12-1	3510659	3438603	3458476	3469246	1.07	cps
Carbon	12-2	24774	25112	25055	24980	0.72	cps
Chlorine	35-1	72085	73140	73093	72773	0.82	cps
Chlorine	35-2	297	273	263	278	6.16	cps
Chromium	52-2	451855	449826	450966	450882	0.23	cps
Cobalt	59-2	844497	849499	852106	848701	0.46	cps
Copper	63-2	6412073	6416642	6443071	6423929	0.26	cps
Dysprosium	156-1	103	73	50	76	35.38	cps
Dysprosium	156-2	17	10	20	16	32.73	cps
Erbium	164-1	120	133	167	140	17.17	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	150	117	133	133	12.50	cps
Gadolinium	160-2	27	7	23	19	56.72	cps
Holmium	165-1	19411005	19224241	19419251	19351499	0.57	cps
Holmium	165-2	6313891	6087189	6264831	6221970	1.92	cps
Indium	115-1	14486669	14740034	14745487	14657396	1.01	cps
Indium	115-2	1427986	1410235	1429810	1422677	0.76	cps
Iron	54-2	933382	942650	943127	939720	0.58	cps
Iron	56-2	16893089	17321635	17037436	17084053	1.28	cps
Iron	57-2	421505	425378	423760	423548	0.46	cps
Krypton	83-1	263	213	197	224	15.46	cps
Lead	206-1	9029261	9247628	9039589	9105492	1.35	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7930049	7904937	7871091	7902026	0.37	cps
Lead	208-1	36228447	36561691	36305593	36365243	0.48	cps
Lithium	6-1	8487511	8483191	8520074	8496926	0.24	cps
Magnesium	24-2	3332998	3392668	3345157	3356941	0.94	cps
Manganese	55-2	2003172	1995725	1999649	1999515	0.19	cps
Molybdenum	94-1	7452116	7429939	7470135	7450730	0.27	cps
Molybdenum	95-1	10823722	10851106	10858794	10844541	0.17	cps
Molybdenum	96-1	11847855	11922733	11941420	11904003	0.42	cps
Molybdenum	97-1	6761753	6716378	6712347	6730159	0.41	cps
Molybdenum	98-1	17624145	17440748	17842460	17635784	1.14	cps
Neodymium	150-1	233	270	250	251	7.31	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	233471	233572	235674	234239	0.53	cps
Phosphorus	31-2	8656	8566	8743	8655	1.02	cps
Potassium	39-2	911211	918513	913975	914566	0.40	cps
Rhodium	103-1	13519551	13245571	13539676	13434933	1.22	cps
Rhodium	103-2	4881497	4895009	4985867	4920791	1.15	cps
Scandium	45-1	10432534	10292089	10283569	10336064	0.81	cps
Scandium	45-2	191964	190127	190366	190819	0.52	cps
Selenium	82-1	35031	34570	35094	34898	0.82	cps
Selenium	77-2	600	627	570	599	4.73	cps
Selenium	78-2	1917	2034	2000	1983	3.03	cps
Silicon	28-1	5536891	5614510	5562838	5571413	0.71	cps
Silver	107-1	2856114	2920562	2926996	2901224	1.35	cps
Silver	109-1	2800506	2794206	2772246	2788986	0.53	cps
Sodium	23-2	6392754	6383484	6483583	6419941	0.86	cps
Strontium	86-1	754250	762112	774861	763741	1.36	cps
Strontium	88-1	6576848	6561312	6686202	6608121	1.03	cps
Sulfur	34-1	707241	706090	703025	705452	0.31	cps
Terbium	159-1	19768595	19700073	19416155	19628274	0.95	cps
Terbium	159-2	6103195	6005109	6132612	6080306	1.10	cps
Thallium	203-1	2390624	2361500	2370205	2374110	0.63	cps
Thallium	205-1	5493679	5579023	5545737	5539480	0.78	cps
Tin	118-1	1785972	1827895	1829683	1814517	1.36	cps
Titanium	47-1	3387192	3403693	3421087	3403991	0.50	cps
Uranium	238-1	7460126	7394860	7657768	7504251	1.82	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:45:23 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	345043	345848	345931	345608	0.14	cps
Ytterbium	172-1	157	127	130	138	11.93	cps
Ytterbium	172-2	40	40	50	43	13.32	cps
Ytterbium	176-1	12513	12289	12533	12445	1.09	cps
Ytterbium	176-2	3897	3834	3717	3816	2.39	cps
Yttrium	89-1	26336919	26725003	26884506	26648809	1.06	cps
Yttrium	89-2	1853515	1839217	1861297	1851343	0.60	cps
Zinc	66-2	664711	671269	672292	669424	0.61	cps
Zirconium	90-1	3763213	3795648	3735762	3764874	0.80	cps
Zirconium	91-1	817922	824526	825631	822693	0.51	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:48:21 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	372526	374669	370713	372636	0.53	cps
Antimony	121-1	4233539	4215715	4252571	4233942	0.44	cps
Arsenic	75-2	76898	75832	77002	76578	0.85	cps
Barium	135-1	5245980	5277836	5329269	5284362	0.80	cps
Barium	137-1	9087573	9087467	9235376	9136806	0.93	cps
Beryllium	9-1	1593299	1602686	1603800	1599928	0.36	cps
Bismuth	209-1	12119203	12013388	12009284	12047291	0.52	cps
Bismuth	209-2	4485090	4497784	4383852	4455575	1.40	cps
Bromine	81-1	7519	7779	7645	7648	1.70	cps
Cadmium	108-1	90736	89374	91132	90414	1.02	cps
Cadmium	106-1	132381	132172	134569	133041	1.00	cps
Cadmium	111-1	1034543	1045914	1053635	1044697	0.92	cps
Calcium	43-1	1529649	1565645	1559388	1551561	1.24	cps
Calcium	44-1	24677515	24726130	24949129	24784258	0.58	cps
Carbon	12-1	3580864	3574867	3588644	3581458	0.19	cps
Carbon	12-2	26183	25512	26357	26018	1.71	cps
Chlorine	35-1	73777	74946	76400	75041	1.75	cps
Chlorine	35-2	233	300	337	290	18.06	cps
Chromium	52-2	894118	891951	900110	895393	0.47	cps
Cobalt	59-2	1690660	1670000	1693194	1684618	0.76	cps
Copper	63-2	12756085	12587524	12615603	12653071	0.71	cps
Dysprosium	156-1	87	127	127	113	20.38	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	163	180	170	171	4.90	cps
Erbium	164-2	43	47	60	50	17.64	cps
Gadolinium	160-1	133	137	193	154	21.83	cps
Gadolinium	160-2	30	40	20	30	33.33	cps
Holmium	165-1	19562709	19575088	19436699	19524832	0.39	cps
Holmium	165-2	6305080	6292797	6329684	6309187	0.30	cps
Indium	115-1	14698686	14658625	14364545	14573952	1.25	cps
Indium	115-2	1420843	1434690	1416704	1424079	0.66	cps
Iron	54-2	1871874	1854332	1886308	1870838	0.86	cps
Iron	56-2	34188788	34174955	34095522	34153088	0.15	cps
Iron	57-2	843664	845260	847956	845627	0.26	cps
Krypton	83-1	210	190	187	196	6.45	cps
Lead	206-1	17992263	17961062	18134340	18029222	0.51	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:48:21 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	15424226	15602636	15600049	15542304	0.66	cps
Lead	208-1	71079726	71846284	71925902	71617304	0.65	cps
Lithium	6-1	8509056	8342058	8452841	8434652	1.01	cps
Magnesium	24-2	6510439	6491424	6508578	6503480	0.16	cps
Manganese	55-2	3984526	3888659	3955140	3942775	1.25	cps
Molybdenum	94-1	15154271	14899993	14877525	14977263	1.03	cps
Molybdenum	95-1	21894914	21544451	21574011	21671125	0.90	cps
Molybdenum	96-1	23590598	23729695	23385029	23568440	0.74	cps
Molybdenum	97-1	13285674	13431211	13209014	13308633	0.85	cps
Molybdenum	98-1	35077199	34826342	35006191	34969911	0.37	cps
Neodymium	150-1	483	470	460	471	2.49	cps
Neodymium	150-2	30	20	13	21	39.75	cps
Nickel	60-2	459663	455741	461000	458801	0.60	cps
Phosphorus	31-2	16817	17330	16880	17009	1.65	cps
Potassium	39-2	1817806	1808917	1854637	1827120	1.33	cps
Rhodium	103-1	13258605	13305389	13242060	13268685	0.25	cps
Rhodium	103-2	4929297	4991047	4930208	4950184	0.71	cps
Scandium	45-1	10488182	10436014	10572993	10499063	0.66	cps
Scandium	45-2	192902	194886	193061	193616	0.57	cps
Selenium	82-1	69137	69271	70246	69551	0.87	cps
Selenium	77-2	1137	1137	1207	1160	3.48	cps
Selenium	78-2	3874	3834	3771	3826	1.36	cps
Silicon	28-1	11740625	11836861	11909653	11829046	0.72	cps
Silver	107-1	5704661	5716122	5764485	5728423	0.55	cps
Silver	109-1	5437169	5386130	5381960	5401753	0.57	cps
Sodium	23-2	12758881	12854430	12746896	12786736	0.46	cps
Strontium	86-1	1563454	1551873	1589700	1568342	1.24	cps
Strontium	88-1	13031059	13094071	13363476	13162869	1.34	cps
Sulfur	34-1	932059	925463	930137	929220	0.37	cps
Terbium	159-1	19919657	19967908	19814325	19900630	0.39	cps
Terbium	159-2	6231775	6212194	6052683	6165551	1.59	cps
Thallium	203-1	4704920	4632815	4699760	4679165	0.86	cps
Thallium	205-1	10920534	10814160	10943275	10892656	0.63	cps
Tin	118-1	3630191	3612231	3591183	3611202	0.54	cps
Titanium	47-1	6687721	6746256	6765157	6733045	0.60	cps
Uranium	238-1	14721984	15079316	14753896	14851732	1.33	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:48:21 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	690986	690604	690901	690830	0.03	cps
Ytterbium	172-1	170	183	137	163	14.72	cps
Ytterbium	172-2	103	60	57	73	35.50	cps
Ytterbium	176-1	22433	23057	23230	22907	1.83	cps
Ytterbium	176-2	6999	7305	6975	7093	2.60	cps
Yttrium	89-1	27270319	27056692	27457389	27261467	0.74	cps
Yttrium	89-2	1851688	1886968	1900264	1879640	1.34	cps
Zinc	66-2	1321144	1321264	1321240	1321216	0.00	cps
Zirconium	90-1	7575875	7485274	7575859	7545669	0.69	cps
Zirconium	91-1	1693519	1710462	1711026	1705002	0.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	729288	735737	726994	730673	0.62	cps
Antimony	121-1	8328629	8283582	8312139	8308117	0.27	cps
Arsenic	75-2	149998	149988	149150	149712	0.33	cps
Barium	135-1	10495385	10530414	10554220	10526673	0.28	cps
Barium	137-1	18085587	18206658	18154773	18149006	0.33	cps
Beryllium	9-1	3115771	3053589	3083409	3084256	1.01	cps
Bismuth	209-1	12171465	11755087	11931535	11952696	1.75	cps
Bismuth	209-2	4335973	4341295	4281570	4319613	0.77	cps
Bromine	81-1	7652	7959	7816	7809	1.97	cps
Cadmium	108-1	173808	173196	175947	174317	0.83	cps
Cadmium	106-1	252660	252359	250814	251944	0.39	cps
Cadmium	111-1	2086904	2070232	2107846	2088327	0.90	cps
Calcium	43-1	3073189	3027596	3016212	3038999	0.99	cps
Calcium	44-1	48880608	49286244	48699428	48955426	0.61	cps
Carbon	12-1	3925926	3877104	3933863	3912298	0.79	cps
Carbon	12-2	28608	29556	29463	29209	1.79	cps
Chlorine	35-1	85621	87341	87811	86924	1.33	cps
Chlorine	35-2	397	343	393	378	7.91	cps
Chromium	52-2	1835940	1800726	1780640	1805769	1.55	cps
Cobalt	59-2	3287782	3326551	3360132	3324822	1.09	cps
Copper	63-2	24371168	24440305	24421748	24411074	0.15	cps
Dysprosium	156-1	183	203	257	214	17.68	cps
Dysprosium	156-2	23	17	37	26	39.85	cps
Erbium	164-1	160	203	187	183	11.92	cps
Erbium	164-2	57	70	80	69	16.99	cps
Gadolinium	160-1	150	157	157	154	2.49	cps
Gadolinium	160-2	47	50	50	49	3.93	cps
Holmium	165-1	19453688	19333978	19657441	19481702	0.84	cps
Holmium	165-2	6397013	6300518	6272330	6323287	1.03	cps
Indium	115-1	14583159	14367542	14534013	14494905	0.78	cps
Indium	115-2	1403265	1405197	1406513	1404992	0.12	cps
Iron	54-2	3700322	3673714	3674316	3682784	0.41	cps
Iron	56-2	66557397	66286054	66375602	66406351	0.21	cps
Iron	57-2	1706250	1680599	1676281	1687710	0.96	cps
Krypton	83-1	267	230	307	268	14.32	cps
Lead	206-1	34722064	35582081	35135999	35146715	1.22	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29975268	30309602	30357415	30214095	0.69	cps
Lead	208-1	139501136	140006467	139589469	139699024	0.19	cps
Lithium	6-1	8474490	8428844	8465382	8456239	0.29	cps
Magnesium	24-2	12924032	12687024	12877222	12829426	0.98	cps
Manganese	55-2	7579123	7596517	7522942	7566194	0.51	cps
Molybdenum	94-1	29694166	29533595	29825655	29684472	0.49	cps
Molybdenum	95-1	43002169	43113866	43502347	43206127	0.61	cps
Molybdenum	96-1	47312806	46821991	47092931	47075909	0.52	cps
Molybdenum	97-1	26973406	26570632	26476469	26673502	0.99	cps
Molybdenum	98-1	69986739	69706582	69760054	69817792	0.21	cps
Neodymium	150-1	890	907	850	882	3.30	cps
Neodymium	150-2	33	43	23	33	30.00	cps
Nickel	60-2	881046	883062	892607	885572	0.70	cps
Phosphorus	31-2	33596	33566	33195	33452	0.67	cps
Potassium	39-2	3625140	3693467	3642243	3653617	0.97	cps
Rhodium	103-1	13331023	13008051	13057564	13132213	1.32	cps
Rhodium	103-2	4873639	4867163	4954974	4898592	1.00	cps
Scandium	45-1	10688822	10507269	10594972	10597021	0.86	cps
Scandium	45-2	193838	194835	193358	194011	0.39	cps
Selenium	82-1	133531	134624	135510	134555	0.74	cps
Selenium	77-2	2440	2334	2330	2368	2.64	cps
Selenium	78-2	7439	7799	7439	7559	2.75	cps
Silicon	28-1	18268452	18069989	17888988	18075809	1.05	cps
Silver	107-1	11117917	11134988	11205925	11152943	0.42	cps
Silver	109-1	10510361	10435522	10601514	10515799	0.79	cps
Sodium	23-2	25311556	25080758	24939164	25110493	0.75	cps
Strontium	86-1	3066995	3093999	3053759	3071585	0.67	cps
Strontium	88-1	26395036	26290271	26303971	26329760	0.22	cps
Sulfur	34-1	1219701	1214209	1205077	1212996	0.61	cps
Terbium	159-1	20136739	19925387	19978642	20013589	0.55	cps
Terbium	159-2	6134236	6130586	6221702	6162175	0.84	cps
Thallium	203-1	8977309	9100898	9095933	9058046	0.77	cps
Thallium	205-1	21375089	21197863	21213310	21262087	0.46	cps
Tin	118-1	7131946	7104456	7035065	7090489	0.70	cps
Titanium	47-1	13567015	13347662	13392627	13435768	0.86	cps
Uranium	238-1	29416844	29243610	29671396	29443950	0.73	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:51:12 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1417660	1382557	1347475	1382564	2.54	cps
Ytterbium	172-1	200	227	193	207	8.53	cps
Ytterbium	172-2	80	70	97	82	16.39	cps
Ytterbium	176-1	42127	42318	42468	42304	0.40	cps
Ytterbium	176-2	13680	13660	13837	13726	0.71	cps
Yttrium	89-1	27158564	27099815	27181176	27146518	0.15	cps
Yttrium	89-2	1918387	1935414	1910678	1921493	0.66	cps
Zinc	66-2	2590245	2647959	2612824	2617009	1.11	cps
Zirconium	90-1	14921500	14883919	15031801	14945740	0.51	cps
Zirconium	91-1	3346436	3379752	3410192	3378793	0.94	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:53:57 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1490726	1486879	1450070	1475891	1.52	cps
Antimony	121-1	16293981	16504256	16455904	16418047	0.67	cps
Arsenic	75-2	296001	295691	300215	297302	0.85	cps
Barium	135-1	21098492	20996846	20714444	20936594	0.95	cps
Barium	137-1	36209861	36085149	36580640	36291883	0.71	cps
Beryllium	9-1	5965118	5957239	5970188	5964182	0.11	cps
Bismuth	209-1	11508023	11764819	11624352	11632398	1.11	cps
Bismuth	209-2	4280604	4292391	4328640	4300545	0.58	cps
Bromine	81-1	7766	8092	8076	7978	2.31	cps
Cadmium	108-1	341567	342868	345429	343288	0.57	cps
Cadmium	106-1	484145	484946	484907	484666	0.09	cps
Cadmium	111-1	3960051	4035852	4024370	4006758	1.02	cps
Calcium	43-1	5978213	5994863	6026097	5999724	0.41	cps
Calcium	44-1	97130419	97213115	96497172	96946902	0.40	cps
Carbon	12-1	4464580	4670769	4757658	4631002	3.25	cps
Carbon	12-2	36345	35987	36869	36400	1.22	cps
Chlorine	35-1	109574	111491	113675	111580	1.84	cps
Chlorine	35-2	470	563	447	493	12.51	cps
Chromium	52-2	3558387	3609438	3558418	3575414	0.82	cps
Cobalt	59-2	6478321	6353260	6365930	6399170	1.08	cps
Copper	63-2	47481066	46952743	46703799	47045869	0.84	cps
Dysprosium	156-1	433	447	347	409	13.28	cps
Dysprosium	156-2	90	50	57	66	32.69	cps
Erbium	164-1	250	283	317	283	11.77	cps
Erbium	164-2	97	117	87	100	15.27	cps
Gadolinium	160-1	253	293	283	277	7.52	cps
Gadolinium	160-2	70	67	90	76	16.70	cps
Holmium	165-1	19613951	19464469	20014772	19697731	1.44	cps
Holmium	165-2	6353587	6311508	6499088	6388061	1.54	cps
Indium	115-1	14217488	14417635	14357449	14330857	0.72	cps
Indium	115-2	1382687	1381210	1387822	1383906	0.25	cps
Iron	54-2	7177446	7253610	7241740	7224265	0.57	cps
Iron	56-2	131634571	130415771	129838358	130629567	0.70	cps
Iron	57-2	3325160	3316309	3340721	3327396	0.37	cps
Krypton	83-1	287	247	343	292	16.62	cps
Lead	206-1	68583766	68359382	68879232	68607460	0.38	cps

LB Number :	LB134335	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired :	2025-01-17 12:53:57	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	59211624	58495239	59687681	59131515	1.02	cps
Lead	208-1	273317971	274037436	275695451	274350286	0.44	cps
Lithium	6-1	8337864	8312500	8307555	8319306	0.20	cps
Magnesium	24-2	25342824	25540198	25495323	25459448	0.41	cps
Manganese	55-2	15165324	15332174	15085619	15194372	0.83	cps
Molybdenum	94-1	59610529	59372422	59556881	59513277	0.21	cps
Molybdenum	95-1	86504415	86063855	86533679	86367316	0.30	cps
Molybdenum	96-1	94125769	95067172	95946799	95046580	0.96	cps
Molybdenum	97-1	53273154	53872753	53270828	53472245	0.65	cps
Molybdenum	98-1	140909278	140968025	140367328	140748210	0.24	cps
Neodymium	150-1	1763	1830	1777	1790	1.97	cps
Neodymium	150-2	60	27	47	44	37.74	cps
Nickel	60-2	1814361	1801071	1796930	1804121	0.50	cps
Phosphorus	31-2	66069	65798	65952	65940	0.21	cps
Potassium	39-2	7229762	7142012	7166680	7179484	0.63	cps
Rhodium	103-1	12864969	13049135	12996129	12970078	0.73	cps
Rhodium	103-2	4691382	4724900	4849642	4755308	1.75	cps
Scandium	45-1	10526173	10542749	10448730	10505884	0.48	cps
Scandium	45-2	197393	199913	201894	199733	1.13	cps
Selenium	82-1	263453	267043	266698	265731	0.75	cps
Selenium	77-2	4427	4531	4437	4465	1.28	cps
Selenium	78-2	15225	14741	15035	15000	1.63	cps
Silicon	28-1	34652974	34659785	34550054	34620938	0.18	cps
Silver	107-1	21725348	21416196	21491006	21544183	0.75	cps
Silver	109-1	20216163	20658093	20396631	20423629	1.09	cps
Sodium	23-2	50209498	49851733	49904321	49988517	0.39	cps
Strontium	86-1	6036852	6099978	6075432	6070754	0.52	cps
Strontium	88-1	52260784	52992596	51978783	52410721	1.00	cps
Sulfur	34-1	1957468	1959971	1972692	1963377	0.42	cps
Terbium	159-1	20064880	19900618	20102233	20022577	0.54	cps
Terbium	159-2	6119911	6179547	6171627	6157029	0.53	cps
Thallium	203-1	17617568	17787481	17981200	17795416	1.02	cps
Thallium	205-1	41777715	42043960	42011859	41944512	0.35	cps
Tin	118-1	13957986	14028104	14036002	14007364	0.31	cps
Titanium	47-1	26369957	26853224	26740288	26654490	0.95	cps
Uranium	238-1	58543336	58410576	59350784	58768232	0.87	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:53:57 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2744917	2782011	2785899	2770942	0.82	cps
Ytterbium	172-1	257	343	287	296	14.89	cps
Ytterbium	172-2	107	130	97	111	15.39	cps
Ytterbium	176-1	84162	82901	83619	83561	0.76	cps
Ytterbium	176-2	27108	26730	27201	27013	0.92	cps
Yttrium	89-1	27669848	27525116	27508458	27567807	0.32	cps
Yttrium	89-2	1919351	1901037	1942465	1920951	1.08	cps
Zinc	66-2	4965780	5020302	5011488	4999190	0.59	cps
Zirconium	90-1	29944893	29956697	30260387	30053992	0.60	cps
Zirconium	91-1	6747483	6788248	6798863	6778198	0.40	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6722007	6708705	6670788	6700500	0.40	cps
Antimony	121-1	10297	9840	9313	9817	5.02	cps
Arsenic	75-2	120	173	150	148	18.09	cps
Barium	135-1	8166	7866	7272	7768	5.86	cps
Barium	137-1	15028	13537	13063	13876	7.39	cps
Beryllium	9-1	1772	1470	1314	1519	15.36	cps
Bismuth	209-1	9443115	9406704	9198300	9349373	1.41	cps
Bismuth	209-2	3591789	3529284	3559699	3560258	0.88	cps
Bromine	81-1	8273	8193	8232	8233	0.49	cps
Cadmium	108-1	193	177	123	164	22.23	cps
Cadmium	106-1	7345	7282	7379	7335	0.67	cps
Cadmium	111-1	2460	2179	2133	2258	7.85	cps
Calcium	43-1	26148221	25724125	25515972	25796106	1.25	cps
Calcium	44-1	423211607	416356647	412602887	417390380	1.29	cps
Carbon	12-1	5336660	6250705	6811536	6132967	12.14	cps
Carbon	12-2	59379	60089	60648	60038	1.06	cps
Chlorine	35-1	62327	62440	62441	62402	0.11	cps
Chlorine	35-2	300	293	250	281	9.66	cps
Chromium	52-2	7197	7881	7336	7471	4.84	cps
Cobalt	59-2	12195	12085	11902	12061	1.23	cps
Copper	63-2	12632	12389	11768	12263	3.63	cps
Dysprosium	156-1	627	600	687	638	6.96	cps
Dysprosium	156-2	177	167	167	170	3.40	cps
Erbium	164-1	697	757	673	709	6.06	cps
Erbium	164-2	210	230	207	216	5.85	cps
Gadolinium	160-1	703	720	667	697	3.92	cps
Gadolinium	160-2	250	207	260	239	11.87	cps
Holmium	165-1	17563928	17249464	16857715	17223702	2.05	cps
Holmium	165-2	5829215	5659535	5768720	5752490	1.49	cps
Indium	115-1	12315960	12061207	11988478	12121882	1.42	cps
Indium	115-2	1261001	1229806	1253026	1247944	1.30	cps
Iron	54-2	30315268	30078235	30320608	30238037	0.46	cps
Iron	56-2	558777632	561301352	558498512	559525832	0.28	cps
Iron	57-2	14043468	14075363	14083393	14067408	0.15	cps
Krypton	83-1	393	383	437	404	7.01	cps
Lead	206-1	23478	21411	20463	21784	7.08	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20793	18410	17689	18964	8.57	cps
Lead	208-1	94706	85481	82073	87420	7.48	cps
Lithium	6-1	6944528	6893164	6713563	6850419	1.77	cps
Magnesium	24-2	101017825	101756738	100914882	101229815	0.45	cps
Manganese	55-2	4681	4868	5285	4944	6.25	cps
Molybdenum	94-1	17014	13740	12075	14276	17.60	cps
Molybdenum	95-1	16740	13820	12649	14403	14.63	cps
Molybdenum	96-1	21547	18382	16403	18777	13.82	cps
Molybdenum	97-1	8326	6752	6105	7061	16.18	cps
Molybdenum	98-1	21073	16513	14591	17392	19.14	cps
Neodymium	150-1	270	343	300	304	12.11	cps
Neodymium	150-2	90	90	83	88	4.39	cps
Nickel	60-2	7098	7175	7512	7262	3.03	cps
Phosphorus	31-2	117	80	117	104	20.27	cps
Potassium	39-2	32171150	32255620	32255840	32227537	0.15	cps
Rhodium	103-1	10464417	10491529	10205017	10386988	1.52	cps
Rhodium	103-2	3952238	3839485	3962583	3918102	1.74	cps
Scandium	45-1	9244608	9046985	8730825	9007473	2.88	cps
Scandium	45-2	173388	170592	174475	172818	1.16	cps
Selenium	82-1	50	-3	-20	9	411.21	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	17	13	3	11	62.48	cps
Silicon	28-1	585703	563743	550503	566650	3.14	cps
Silver	107-1	3881	3260	2544	3228	20.73	cps
Silver	109-1	3741	2680	2340	2920	25.01	cps
Sodium	23-2	212721924	212190730	214149523	213020726	0.48	cps
Strontium	86-1	15022	14431	14191	14548	2.94	cps
Strontium	88-1	129086	125289	122733	125703	2.54	cps
Sulfur	34-1	338610	331846	328819	333092	1.50	cps
Terbium	159-1	17700153	17337176	17019387	17352239	1.96	cps
Terbium	159-2	5718005	5592528	5535884	5615472	1.66	cps
Thallium	203-1	2667	1984	1667	2106	24.28	cps
Thallium	205-1	6208	4881	3737	4942	25.02	cps
Tin	118-1	4337	4287	3714	4113	8.42	cps
Titanium	47-1	11148	10247	9530	10308	7.86	cps
Uranium	238-1	5715	4097	3230	4348	29.00	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 12:56:45 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	460	473	420	451	6.15	cps
Ytterbium	172-1	843	680	843	789	11.95	cps
Ytterbium	172-2	320	260	287	289	10.41	cps
Ytterbium	176-1	2790	2877	2607	2758	5.00	cps
Ytterbium	176-2	490	543	537	523	5.55	cps
Yttrium	89-1	23911544	23856528	23084357	23617476	1.96	cps
Yttrium	89-2	1755684	1693578	1733366	1727543	1.82	cps
Zinc	66-2	6422	6191	6408	6340	2.04	cps
Zirconium	90-1	17024	15525	15262	15937	5.96	cps
Zirconium	91-1	3701	3577	3634	3637	1.70	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35212	35109	35433	35252	0.47	cps
Antimony	121-1	3103065	3128547	3131852	3121155	0.50	cps
Arsenic	75-2	57630	56556	57038	57075	0.94	cps
Barium	135-1	397272	400519	404988	400926	0.97	cps
Barium	137-1	696125	705546	709141	703604	0.96	cps
Beryllium	9-1	596212	592872	594582	594556	0.28	cps
Bismuth	209-1	11782703	11943008	11827909	11851207	0.70	cps
Bismuth	209-2	4499045	4525459	4474288	4499597	0.57	cps
Bromine	81-1	6872	7385	6958	7072	3.89	cps
Cadmium	108-1	58785	58383	58584	58584	0.34	cps
Cadmium	106-1	93934	93906	94749	94196	0.51	cps
Cadmium	111-1	394746	396486	402651	397961	1.04	cps
Calcium	43-1	123662	125239	124903	124601	0.67	cps
Calcium	44-1	2016471	1973707	1976641	1988940	1.20	cps
Carbon	12-1	3685337	3721266	3714171	3706925	0.51	cps
Carbon	12-2	26744	26638	26791	26724	0.29	cps
Chlorine	35-1	79835	80713	83086	81212	2.07	cps
Chlorine	35-2	327	353	363	348	5.45	cps
Chromium	52-2	335539	337474	338231	337081	0.41	cps
Cobalt	59-2	637999	643264	641751	641004	0.42	cps
Copper	63-2	498612	499454	501107	499724	0.25	cps
Dysprosium	156-1	17	40	37	31	40.56	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	117	97	100	104	10.26	cps
Erbium	164-2	10	53	33	32	67.31	cps
Gadolinium	160-1	97	93	80	90	9.80	cps
Gadolinium	160-2	7	13	3	8	65.47	cps
Holmium	165-1	18355102	18277726	18587911	18406913	0.88	cps
Holmium	165-2	6144193	6133756	6191572	6156507	0.50	cps
Indium	115-1	14145529	14249093	14082730	14159117	0.59	cps
Indium	115-2	1402460	1391854	1402103	1398805	0.43	cps
Iron	54-2	291532	292034	292870	292145	0.23	cps
Iron	56-2	5172288	5240207	5265587	5226027	0.92	cps
Iron	57-2	129327	131792	130833	130651	0.95	cps
Krypton	83-1	190	190	180	187	3.09	cps
Lead	206-1	2880228	2883966	2925790	2896661	0.87	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2368154	2368141	2454277	2396857	2.07	cps
Lead	208-1	11153328	11189361	11454721	11265803	1.46	cps
Lithium	6-1	8247427	8367433	8154548	8256469	1.29	cps
Magnesium	24-2	285033	285586	289798	286806	0.91	cps
Manganese	55-2	145721	148829	149005	147852	1.25	cps
Molybdenum	94-1	26620221	26531255	26828965	26660147	0.57	cps
Molybdenum	95-1	38387514	38353389	38520982	38420629	0.23	cps
Molybdenum	96-1	41817434	41946166	41821562	41861721	0.17	cps
Molybdenum	97-1	23421210	23787515	23713828	23640851	0.82	cps
Molybdenum	98-1	62194489	63018804	62329029	62514107	0.71	cps
Neodymium	150-1	50	53	43	49	10.42	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	177184	177758	179899	178280	0.80	cps
Phosphorus	31-2	50	53	40	48	14.52	cps
Potassium	39-2	278094	279029	282818	279980	0.89	cps
Rhodium	103-1	13085196	13163211	12987509	13078639	0.67	cps
Rhodium	103-2	4915138	4834047	4856066	4868417	0.86	cps
Scandium	45-1	9905755	9922919	10010566	9946414	0.57	cps
Scandium	45-2	186368	188383	187574	187442	0.54	cps
Selenium	82-1	52402	52495	51977	52291	0.53	cps
Selenium	77-2	860	850	883	864	1.98	cps
Selenium	78-2	3044	2980	3027	3017	1.09	cps
Silicon	28-1	5813257	5826560	5764201	5801339	0.57	cps
Silver	107-1	1000934	1012242	1013011	1008729	0.67	cps
Silver	109-1	937966	958621	970265	955617	1.71	cps
Sodium	23-2	972028	970112	966249	969463	0.30	cps
Strontium	86-1	2717137	2696129	2693936	2702401	0.47	cps
Strontium	88-1	22886811	22923040	22866585	22892146	0.12	cps
Sulfur	34-1	414507	406960	408323	409930	0.98	cps
Terbium	159-1	19108991	18861990	18790240	18920407	0.88	cps
Terbium	159-2	6036570	6047720	6030420	6038237	0.15	cps
Thallium	203-1	3507087	3487209	3559900	3518065	1.07	cps
Thallium	205-1	8246111	8147558	8223000	8205556	0.63	cps
Tin	118-1	6702253	6759452	6734517	6732074	0.43	cps
Titanium	47-1	11925880	11689161	11879729	11831590	1.06	cps
Uranium	238-1	27179740	27358312	27685194	27407748	0.94	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:13:09 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	251909	252479	254924	253104	0.63	cps
Ytterbium	172-1	100	83	93	92	9.10	cps
Ytterbium	172-2	50	47	47	48	4.02	cps
Ytterbium	176-1	38346	39262	39676	39094	1.74	cps
Ytterbium	176-2	13173	13123	12963	13087	0.84	cps
Yttrium	89-1	25865021	25564567	25978425	25802671	0.83	cps
Yttrium	89-2	1833818	1822935	1841124	1832626	0.50	cps
Zinc	66-2	100610	99829	99486	99975	0.58	cps
Zirconium	90-1	13741401	13670854	13815776	13742677	0.53	cps
Zirconium	91-1	3073959	3062245	3084300	3073501	0.36	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	73	70	107	83	24.33	cps
Antimony	121-1	113	153	107	124	20.28	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	357	387	383	376	4.38	cps
Barium	137-1	627	530	580	579	8.35	cps
Beryllium	9-1	399	371	404	391	4.47	cps
Bismuth	209-1	12014522	11987354	12023551	12008476	0.16	cps
Bismuth	209-2	4538981	4496917	4543928	4526608	0.57	cps
Bromine	81-1	7205	7089	6995	7096	1.48	cps
Cadmium	108-1	17	20	10	16	32.73	cps
Cadmium	106-1	8319	8189	8770	8426	3.61	cps
Cadmium	111-1	1672	1644	1764	1693	3.70	cps
Calcium	43-1	450	417	390	419	7.18	cps
Calcium	44-1	9143	9013	8803	8986	1.91	cps
Carbon	12-1	3267906	3201343	3207406	3225552	1.14	cps
Carbon	12-2	23011	22467	22711	22730	1.20	cps
Chlorine	35-1	61416	63264	62558	62413	1.49	cps
Chlorine	35-2	213	227	167	202	15.58	cps
Chromium	52-2	473	570	573	539	10.54	cps
Cobalt	59-2	43	73	70	62	26.43	cps
Copper	63-2	4231	4081	4191	4167	1.86	cps
Dysprosium	156-1	17	13	17	16	12.40	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	87	103	93	94	8.88	cps
Erbium	164-2	27	27	30	28	6.92	cps
Gadolinium	160-1	103	100	93	99	5.15	cps
Gadolinium	160-2	17	17	27	20	28.86	cps
Holmium	165-1	18900134	18455289	19261156	18872193	2.14	cps
Holmium	165-2	6189245	6190704	6181542	6187164	0.08	cps
Indium	115-1	14735104	14393417	14967712	14698744	1.97	cps
Indium	115-2	1428841	1455153	1432483	1438826	0.99	cps
Iron	54-2	280	297	330	302	8.42	cps
Iron	56-2	3520	3504	3350	3458	2.71	cps
Iron	57-2	80	87	70	79	10.64	cps
Krypton	83-1	183	167	247	199	21.22	cps
Lead	206-1	2137	2220	2234	2197	2.38	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1877	1930	1867	1891	1.80	cps
Lead	208-1	8615	8845	8875	8778	1.62	cps
Lithium	6-1	8625994	8620788	8823781	8690188	1.33	cps
Magnesium	24-2	520	500	490	503	3.03	cps
Manganese	55-2	57	37	33	42	29.89	cps
Molybdenum	94-1	277	330	393	333	17.52	cps
Molybdenum	95-1	203	160	110	158	29.60	cps
Molybdenum	96-1	247	193	237	226	12.57	cps
Molybdenum	97-1	107	73	57	79	32.27	cps
Molybdenum	98-1	270	190	213	224	18.33	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1230	1163	1280	1225	4.78	cps
Phosphorus	31-2	70	37	70	59	32.68	cps
Potassium	39-2	8222	8246	7722	8063	3.67	cps
Rhodium	103-1	13655508	13347394	13602676	13535192	1.22	cps
Rhodium	103-2	5031689	5045726	4915470	4997628	1.43	cps
Scandium	45-1	10405264	10283176	10601638	10430026	1.54	cps
Scandium	45-2	191386	193554	189762	191567	0.99	cps
Selenium	82-1	0	33	-40	-2	-1651.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	3	7	7	50.03	cps
Silicon	28-1	427491	428276	429563	428444	0.24	cps
Silver	107-1	243	260	243	249	3.87	cps
Silver	109-1	120	130	137	129	6.51	cps
Sodium	23-2	21573	22123	21606	21767	1.42	cps
Strontium	86-1	303	400	320	341	15.15	cps
Strontium	88-1	263	277	253	264	4.43	cps
Sulfur	34-1	462830	465682	462638	463717	0.37	cps
Terbium	159-1	18937693	19134485	19496137	19189438	1.48	cps
Terbium	159-2	6004617	6047847	6015037	6022500	0.37	cps
Thallium	203-1	327	360	313	333	7.21	cps
Thallium	205-1	797	803	717	772	6.25	cps
Tin	118-1	1240	1323	1217	1260	4.45	cps
Titanium	47-1	167	160	127	151	14.18	cps
Uranium	238-1	77	87	63	76	15.50	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:34:36 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	10	7	7	50.03	cps
Ytterbium	172-1	93	103	117	104	11.21	cps
Ytterbium	172-2	60	43	23	42	43.49	cps
Ytterbium	176-1	2364	2444	2634	2480	5.59	cps
Ytterbium	176-2	360	420	377	386	8.03	cps
Yttrium	89-1	26538988	26154587	26480815	26391463	0.79	cps
Yttrium	89-2	1883006	1890036	1850105	1874382	1.14	cps
Zinc	66-2	317	257	273	282	10.97	cps
Zirconium	90-1	867	803	887	852	5.11	cps
Zirconium	91-1	170	133	193	166	18.27	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6919489	6884611	6886871	6896990	0.28	cps
Antimony	121-1	16911	17181	17067	17053	0.80	cps
Arsenic	75-2	67	103	73	81	24.08	cps
Barium	135-1	5718	5828	5835	5794	1.13	cps
Barium	137-1	10331	10851	10514	10565	2.50	cps
Beryllium	9-1	1915	2022	1869	1935	4.08	cps
Bismuth	209-1	11246946	11068484	11111287	11142239	0.84	cps
Bismuth	209-2	4117354	4128747	4143275	4129792	0.31	cps
Bromine	81-1	9663	9720	10331	9905	3.73	cps
Cadmium	108-1	5588	5471	5331	5463	2.35	cps
Cadmium	106-1	7829	7916	7706	7817	1.35	cps
Cadmium	111-1	3929	4072	3984	3995	1.80	cps
Calcium	43-1	5732720	5833110	5900493	5822108	1.45	cps
Calcium	44-1	92867252	95395792	94806899	94356647	1.40	cps
Carbon	12-1	46018258	46236263	46450364	46234962	0.47	cps
Carbon	12-2	334444	336345	338166	336318	0.55	cps
Chlorine	35-1	73167229	77166921	79874319	76736156	4.40	cps
Chlorine	35-2	340311	339407	345134	341617	0.90	cps
Chromium	52-2	67950	67569	69313	68277	1.34	cps
Cobalt	59-2	7115	7365	7345	7275	1.91	cps
Copper	63-2	41808	41500	42343	41884	1.02	cps
Dysprosium	156-1	90	73	60	74	20.19	cps
Dysprosium	156-2	30	27	23	27	12.51	cps
Erbium	164-1	177	183	157	172	8.06	cps
Erbium	164-2	50	40	30	40	25.00	cps
Gadolinium	160-1	150	157	163	157	4.26	cps
Gadolinium	160-2	30	50	57	46	30.47	cps
Holmium	165-1	19026016	19292581	19399581	19239392	1.00	cps
Holmium	165-2	6162535	6150251	6082368	6131718	0.70	cps
Indium	115-1	14012615	14017205	14276306	14102042	1.07	cps
Indium	115-2	1373516	1382765	1378423	1378235	0.34	cps
Iron	54-2	14248144	14359251	14253532	14286975	0.44	cps
Iron	56-2	263827456	264105763	264090269	264007829	0.06	cps
Iron	57-2	6692482	6603667	6551431	6615860	1.08	cps
Krypton	83-1	207	240	237	228	8.06	cps
Lead	206-1	65072	64446	64503	64673	0.54	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	50073	51010	51080	50721	1.11	cps
Lead	208-1	240107	242064	241406	241192	0.41	cps
Lithium	6-1	8062285	8134933	8132503	8109907	0.51	cps
Magnesium	24-2	23838319	23764896	24193225	23932147	0.96	cps
Manganese	55-2	11238	11481	11508	11409	1.31	cps
Molybdenum	94-1	9345659	9216660	9292685	9285001	0.70	cps
Molybdenum	95-1	16618542	16436211	16593497	16549417	0.60	cps
Molybdenum	96-1	17589021	17823015	17792057	17734697	0.72	cps
Molybdenum	97-1	10154242	10098465	10215219	10155975	0.57	cps
Molybdenum	98-1	26830424	26581233	27170945	26860867	1.10	cps
Neodymium	150-1	67	107	77	83	24.98	cps
Neodymium	150-2	20	17	20	19	10.18	cps
Nickel	60-2	10257	9783	9927	9989	2.43	cps
Phosphorus	31-2	333746	336164	341177	337029	1.12	cps
Potassium	39-2	14327927	14253304	14538455	14373229	1.03	cps
Rhodium	103-1	12413044	12463635	12506752	12461144	0.38	cps
Rhodium	103-2	4531756	4630017	4601592	4587789	1.10	cps
Scandium	45-1	10153215	10266784	10135349	10185116	0.70	cps
Scandium	45-2	191599	192882	193095	192525	0.42	cps
Selenium	82-1	-7	60	27	27	125.01	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	7	10	10	33.30	cps
Silicon	28-1	740038	741508	749432	743659	0.68	cps
Silver	107-1	1317	1277	1260	1285	2.27	cps
Silver	109-1	1110	1183	1177	1157	3.51	cps
Sodium	23-2	49735426	49924554	49977833	49879271	0.26	cps
Strontium	86-1	190347	191981	193520	191949	0.83	cps
Strontium	88-1	1669213	1708212	1722330	1699918	1.62	cps
Sulfur	34-1	7846896	7924982	8072230	7948036	1.44	cps
Terbium	159-1	19589247	19346617	19690753	19542206	0.90	cps
Terbium	159-2	6081188	6027062	5987518	6031922	0.78	cps
Thallium	203-1	2414	2600	2764	2593	6.76	cps
Thallium	205-1	5365	5958	6222	5848	7.51	cps
Tin	118-1	3280	3440	3334	3352	2.43	cps
Titanium	47-1	5224283	5353720	5369271	5315758	1.50	cps
Uranium	238-1	1090	1097	1023	1070	3.79	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:41:39 DataFile Name : 017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	380	397	393	390	2.26	cps
Ytterbium	172-1	93	130	130	118	17.98	cps
Ytterbium	172-2	67	57	43	56	21.08	cps
Ytterbium	176-1	2317	2317	2254	2296	1.59	cps
Ytterbium	176-2	413	380	383	392	4.68	cps
Yttrium	89-1	26478398	26561865	26792419	26610894	0.61	cps
Yttrium	89-2	1861404	1880601	1867330	1869778	0.53	cps
Zinc	66-2	5905	5538	5805	5749	3.30	cps
Zirconium	90-1	1327	1417	1333	1359	3.69	cps
Zirconium	91-1	300	293	320	304	4.56	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:44:45 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7355409	7284484	7310188	7316693	0.49	cps
Antimony	121-1	340160	347449	349087	345565	1.38	cps
Arsenic	75-2	6178	6542	6565	6428	3.37	cps
Barium	135-1	90477	92425	93443	92115	1.64	cps
Barium	137-1	159918	162310	163133	161787	1.03	cps
Beryllium	9-1	125239	126842	127318	126466	0.86	cps
Bismuth	209-1	11211687	11311658	11480348	11334565	1.20	cps
Bismuth	209-2	4251372	4163715	4122321	4179136	1.58	cps
Bromine	81-1	10531	10774	10674	10660	1.15	cps
Cadmium	108-1	10391	10741	10728	10620	1.87	cps
Cadmium	106-1	15676	15606	15285	15522	1.34	cps
Cadmium	111-1	82056	84004	83812	83290	1.29	cps
Calcium	43-1	6129309	6255932	6178296	6187845	1.03	cps
Calcium	44-1	97708619	102611215	101100352	100473395	2.50	cps
Carbon	12-1	49144963	49755586	50150636	49683728	1.02	cps
Carbon	12-2	360862	361361	363259	361828	0.35	cps
Chlorine	35-1	79684499	84987269	86155515	83609094	4.12	cps
Chlorine	35-2	362196	363423	365540	363720	0.46	cps
Chromium	52-2	141516	144084	145120	143573	1.29	cps
Cobalt	59-2	138980	142686	141212	140959	1.32	cps
Copper	63-2	144546	144641	144365	144517	0.10	cps
Dysprosium	156-1	57	83	90	77	23.00	cps
Dysprosium	156-2	20	17	23	20	16.65	cps
Erbium	164-1	190	140	197	176	17.64	cps
Erbium	164-2	50	67	30	49	37.55	cps
Gadolinium	160-1	123	117	130	123	5.40	cps
Gadolinium	160-2	53	20	43	39	43.98	cps
Holmium	165-1	19722035	19504158	20118981	19781725	1.58	cps
Holmium	165-2	6290192	6334413	6340823	6321809	0.44	cps
Indium	115-1	14520425	14573883	14409516	14501275	0.58	cps
Indium	115-2	1426341	1423609	1427332	1425761	0.14	cps
Iron	54-2	15007178	14848338	14987669	14947728	0.58	cps
Iron	56-2	274616569	274905003	277443456	275655009	0.56	cps
Iron	57-2	6913608	6859650	6911211	6894823	0.44	cps
Krypton	83-1	230	247	243	240	3.68	cps
Lead	206-1	346897	351562	356099	351519	1.31	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:44:45 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	289514	292762	295794	292690	1.07	cps
Lead	208-1	1343416	1355068	1366341	1354942	0.85	cps
Lithium	6-1	8309735	8440237	8344333	8364768	0.81	cps
Magnesium	24-2	25122766	25482770	25477395	25360977	0.81	cps
Manganese	55-2	42844	43904	43459	43402	1.23	cps
Molybdenum	94-1	9679649	9733789	9934542	9782660	1.37	cps
Molybdenum	95-1	17116428	17427304	17501965	17348566	1.18	cps
Molybdenum	96-1	18408600	18533254	18866800	18602885	1.27	cps
Molybdenum	97-1	10644970	10797138	10676109	10706072	0.75	cps
Molybdenum	98-1	28116645	28467720	28382035	28322134	0.65	cps
Neodymium	150-1	110	117	107	111	4.58	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	45696	46372	46579	46216	1.00	cps
Phosphorus	31-2	358335	358832	358435	358534	0.07	cps
Potassium	39-2	14884614	14927999	14884224	14898945	0.17	cps
Rhodium	103-1	12850423	13139367	12928073	12972621	1.15	cps
Rhodium	103-2	4774135	4806988	4706854	4762659	1.07	cps
Scandium	45-1	10582761	10909812	10733817	10742130	1.52	cps
Scandium	45-2	202235	201458	202130	201941	0.21	cps
Selenium	82-1	5531	5918	5648	5699	3.48	cps
Selenium	77-2	107	87	93	96	10.66	cps
Selenium	78-2	333	353	343	343	2.91	cps
Silicon	28-1	800470	816096	818159	811575	1.19	cps
Silver	107-1	400242	409733	416343	408773	1.98	cps
Silver	109-1	384765	389393	391948	388702	0.94	cps
Sodium	23-2	53262843	52841444	52996521	53033603	0.40	cps
Strontium	86-1	201273	202551	202896	202240	0.42	cps
Strontium	88-1	1771899	1787075	1775501	1778158	0.45	cps
Sulfur	34-1	8438088	8605442	8491270	8511600	1.00	cps
Terbium	159-1	20026258	19668214	20015433	19903302	1.02	cps
Terbium	159-2	6084217	6144619	6172412	6133749	0.74	cps
Thallium	203-1	354183	359279	361761	358408	1.08	cps
Thallium	205-1	833765	857381	858213	849786	1.63	cps
Tin	118-1	3424	3677	3764	3622	4.88	cps
Titanium	47-1	5535995	5743190	5759020	5679402	2.19	cps
Uranium	238-1	1070	953	977	1000	6.17	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:44:45 DataFile Name : 018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	56180	55795	54741	55572	1.34	cps
Ytterbium	172-1	83	120	123	109	20.39	cps
Ytterbium	172-2	43	30	40	38	18.36	cps
Ytterbium	176-1	2497	2394	2340	2410	3.31	cps
Ytterbium	176-2	330	403	337	357	11.37	cps
Yttrium	89-1	27977184	28157439	27730260	27954961	0.77	cps
Yttrium	89-2	1965272	1919361	1919001	1934545	1.38	cps
Zinc	66-2	16199	16627	16096	16307	1.73	cps
Zirconium	90-1	1070	1207	1370	1216	12.36	cps
Zirconium	91-1	310	287	343	313	9.09	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3925524	3907393	3927811	3920243	0.29	cps
Antimony	121-1	7900988	7914226	7840959	7885391	0.50	cps
Arsenic	75-2	148355	150295	149116	149255	0.66	cps
Barium	135-1	10374808	10122649	10344404	10280620	1.34	cps
Barium	137-1	17787370	17813730	18087755	17896285	0.93	cps
Beryllium	9-1	2952303	3003195	3023408	2992969	1.22	cps
Bismuth	209-1	10792065	10874954	10734975	10800664	0.65	cps
Bismuth	209-2	3909064	3980833	4008468	3966122	1.29	cps
Bromine	81-1	9353	9206	9160	9240	1.09	cps
Cadmium	108-1	162431	162454	163672	162852	0.44	cps
Cadmium	106-1	238384	239663	237309	238452	0.49	cps
Cadmium	111-1	1914074	1955256	1929280	1932870	1.08	cps
Calcium	43-1	15008356	15161979	15300601	15156979	0.96	cps
Calcium	44-1	245627416	248298870	249158703	247694996	0.74	cps
Carbon	12-1	4595517	4724339	4698182	4672679	1.46	cps
Carbon	12-2	39045	38758	38681	38828	0.49	cps
Chlorine	35-1	3916865	3622620	3413359	3650948	6.93	cps
Chlorine	35-2	11575	11368	10691	11211	4.12	cps
Chromium	52-2	1843956	1836544	1811203	1830567	0.94	cps
Cobalt	59-2	3200152	3200763	3259602	3220172	1.06	cps
Copper	63-2	23357911	23509374	23080701	23315995	0.93	cps
Dysprosium	156-1	480	513	393	462	13.40	cps
Dysprosium	156-2	147	143	93	128	23.38	cps
Erbium	164-1	470	530	463	488	7.53	cps
Erbium	164-2	190	140	173	168	15.17	cps
Gadolinium	160-1	470	357	457	428	14.48	cps
Gadolinium	160-2	143	123	153	140	10.91	cps
Holmium	165-1	18994058	19449096	19206793	19216649	1.18	cps
Holmium	165-2	6124668	6168279	6197151	6163366	0.59	cps
Indium	115-1	13963773	14257641	13900727	14040714	1.36	cps
Indium	115-2	1361611	1383594	1381940	1375715	0.89	cps
Iron	54-2	17759721	18200441	18164118	18041427	1.36	cps
Iron	56-2	334837615	331452628	335135742	333808662	0.61	cps
Iron	57-2	8438581	8316600	8424194	8393125	0.79	cps
Krypton	83-1	270	357	320	316	13.79	cps
Lead	206-1	33012701	32787429	32777319	32859150	0.40	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28190130	28465060	28349303	28334831	0.49	cps
Lead	208-1	130394857	131207422	130817286	130806522	0.31	cps
Lithium	6-1	7962687	7949072	8053396	7988385	0.71	cps
Magnesium	24-2	65392164	64603322	65059554	65018347	0.61	cps
Manganese	55-2	7611147	7710347	7789894	7703796	1.16	cps
Molybdenum	94-1	30001208	30158499	30136886	30098864	0.28	cps
Molybdenum	95-1	43268435	43363778	43482846	43371686	0.25	cps
Molybdenum	96-1	46998841	47795684	47249709	47348078	0.86	cps
Molybdenum	97-1	26332234	26795952	26712579	26613588	0.93	cps
Molybdenum	98-1	69877144	70901359	70909639	70562714	0.84	cps
Neodymium	150-1	990	1020	1137	1049	7.39	cps
Neodymium	150-2	63	37	67	56	29.59	cps
Nickel	60-2	844511	844929	847036	845492	0.16	cps
Phosphorus	31-2	34190	34210	33779	34060	0.71	cps
Potassium	39-2	18868001	18920017	18923561	18903860	0.16	cps
Rhodium	103-1	12030618	12606282	12343146	12326682	2.34	cps
Rhodium	103-2	4557730	4557170	4575076	4563325	0.22	cps
Scandium	45-1	10500307	10828888	10727319	10685505	1.57	cps
Scandium	45-2	199863	202438	206035	202779	1.53	cps
Selenium	82-1	128801	129373	129938	129371	0.44	cps
Selenium	77-2	2170	2220	2087	2159	3.12	cps
Selenium	78-2	7395	7719	7282	7465	3.04	cps
Silicon	28-1	31772584	32347430	32227520	32115845	0.94	cps
Silver	107-1	10175249	10259584	10299594	10244809	0.62	cps
Silver	109-1	9635170	9748229	9615686	9666362	0.74	cps
Sodium	23-2	129460375	129418908	129533535	129470939	0.04	cps
Strontium	86-1	3061266	3097387	3158853	3105835	1.59	cps
Strontium	88-1	26138915	26424323	26236353	26266530	0.55	cps
Sulfur	34-1	1236538	1230866	1238938	1235448	0.34	cps
Terbium	159-1	19353398	19955686	19466055	19591713	1.63	cps
Terbium	159-2	5934414	5980656	6028595	5981222	0.79	cps
Thallium	203-1	8545246	8494739	8402502	8480829	0.85	cps
Thallium	205-1	20180133	19863153	20008356	20017214	0.79	cps
Tin	118-1	6850175	6914029	6765699	6843301	1.09	cps
Titanium	47-1	13644186	13632110	13706182	13660826	0.29	cps
Uranium	238-1	28253768	28144073	28502752	28300198	0.65	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:47:54 DataFile Name : 019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1402279	1453216	1437846	1431114	1.83	cps
Ytterbium	172-1	513	513	600	542	9.23	cps
Ytterbium	172-2	203	210	223	212	4.80	cps
Ytterbium	176-1	42291	42465	41756	42170	0.88	cps
Ytterbium	176-2	13644	13620	13677	13647	0.21	cps
Yttrium	89-1	27066657	28043956	27173018	27427877	1.95	cps
Yttrium	89-2	1927002	1964019	1940076	1943699	0.97	cps
Zinc	66-2	2473369	2447220	2432469	2451019	0.85	cps
Zirconium	90-1	15452066	15385376	15411895	15416446	0.22	cps
Zirconium	91-1	3401306	3427578	3417948	3415611	0.39	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:54:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143	130	133	136	5.12	cps
Antimony	121-1	513	490	407	470	11.93	cps
Arsenic	75-2	0	7	3	3	100.05	cps
Barium	135-1	227	157	193	192	18.21	cps
Barium	137-1	263	250	210	241	11.51	cps
Beryllium	9-1	536	502	519	519	3.25	cps
Bismuth	209-1	12532610	12176918	12813486	12507671	2.55	cps
Bismuth	209-2	4720759	4702802	4726672	4716744	0.26	cps
Bromine	81-1	8279	8229	8116	8208	1.02	cps
Cadmium	108-1	30	23	13	22	37.76	cps
Cadmium	106-1	8866	8169	8629	8555	4.14	cps
Cadmium	111-1	1812	1671	1763	1749	4.11	cps
Calcium	43-1	613	527	430	523	17.52	cps
Calcium	44-1	11818	10794	10461	11024	6.42	cps
Carbon	12-1	3546562	3560050	3523147	3543253	0.53	cps
Carbon	12-2	24430	24380	24537	24449	0.33	cps
Chlorine	35-1	770316	739297	715152	741588	3.73	cps
Chlorine	35-2	2824	2794	2520	2713	6.16	cps
Chromium	52-2	547	543	633	574	8.88	cps
Cobalt	59-2	120	67	73	87	33.53	cps
Copper	63-2	5024	4824	4834	4894	2.30	cps
Dysprosium	156-1	17	3	13	11	62.48	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	63	87	133	94	37.74	cps
Erbium	164-2	33	30	33	32	5.97	cps
Gadolinium	160-1	70	83	103	86	19.61	cps
Gadolinium	160-2	20	27	3	17	72.13	cps
Holmium	165-1	20014992	19083098	19915173	19671087	2.60	cps
Holmium	165-2	6307888	6453333	6523193	6428138	1.71	cps
Indium	115-1	15645955	15068619	15941489	15552021	2.85	cps
Indium	115-2	1515385	1540456	1573000	1542947	1.87	cps
Iron	54-2	393	403	373	390	3.92	cps
Iron	56-2	5358	5331	5191	5293	1.69	cps
Iron	57-2	100	90	130	107	19.52	cps
Krypton	83-1	227	223	243	231	4.64	cps
Lead	206-1	2600	2774	2627	2667	3.50	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:54:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2460	2374	2390	2408	1.91	cps
Lead	208-1	10909	10855	10448	10737	2.34	cps
Lithium	6-1	9260129	8929931	9083960	9091340	1.82	cps
Magnesium	24-2	683	637	643	654	3.86	cps
Manganese	55-2	120	120	90	110	15.75	cps
Molybdenum	94-1	990	813	820	874	11.45	cps
Molybdenum	95-1	1013	700	457	723	38.58	cps
Molybdenum	96-1	1123	783	647	851	28.84	cps
Molybdenum	97-1	587	437	377	467	23.18	cps
Molybdenum	98-1	1377	1123	837	1112	24.29	cps
Neodymium	150-1	17	17	7	13	43.29	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1353	1397	1327	1359	2.60	cps
Phosphorus	31-2	50	83	30	54	49.48	cps
Potassium	39-2	10884	10874	10747	10835	0.70	cps
Rhodium	103-1	14729342	13752552	14701484	14394459	3.86	cps
Rhodium	103-2	5371803	5351028	5468051	5396961	1.16	cps
Scandium	45-1	11463777	10907946	11386262	11252662	2.68	cps
Scandium	45-2	208875	208300	213629	210268	1.39	cps
Selenium	82-1	-7	-37	-57	-33	-75.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	0	0	4	173.21	cps
Silicon	28-1	463319	465667	462540	463842	0.35	cps
Silver	107-1	513	517	453	494	7.21	cps
Silver	109-1	360	323	280	321	12.47	cps
Sodium	23-2	34153	33261	33271	33562	1.53	cps
Strontium	86-1	387	363	357	369	4.27	cps
Strontium	88-1	463	437	343	414	15.20	cps
Sulfur	34-1	459285	458409	458109	458601	0.13	cps
Terbium	159-1	20503214	19847182	20666443	20338946	2.13	cps
Terbium	159-2	6328857	6304915	6346759	6326844	0.33	cps
Thallium	203-1	900	903	883	896	1.20	cps
Thallium	205-1	2300	2097	2234	2210	4.69	cps
Tin	118-1	1483	1420	1477	1460	2.38	cps
Titanium	47-1	350	300	297	316	9.47	cps
Uranium	238-1	363	237	140	247	45.41	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 13:54:31 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	7	10	9	21.63	cps
Ytterbium	172-1	93	100	100	98	3.94	cps
Ytterbium	172-2	53	77	23	51	52.32	cps
Ytterbium	176-1	2354	2317	2604	2425	6.44	cps
Ytterbium	176-2	363	417	463	414	12.07	cps
Yttrium	89-1	28653220	27345170	29061825	28353405	3.16	cps
Yttrium	89-2	2016907	2020823	2069636	2035789	1.44	cps
Zinc	66-2	250	357	323	310	17.60	cps
Zirconium	90-1	1363	1307	1357	1342	2.31	cps
Zirconium	91-1	250	257	317	274	13.38	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1263	1260	1227	1250	1.62	cps
Antimony	121-1	11995	12105	12065	12055	0.46	cps
Arsenic	75-2	233	187	233	218	12.37	cps
Barium	135-1	15599	16263	16160	16007	2.23	cps
Barium	137-1	28002	26359	27869	27410	3.33	cps
Beryllium	9-1	5169	5099	5215	5161	1.13	cps
Bismuth	209-1	12117717	12110251	12179204	12135724	0.31	cps
Bismuth	209-2	4484262	4555045	4537266	4525524	0.81	cps
Bromine	81-1	7405	7059	7399	7288	2.72	cps
Cadmium	108-1	287	270	243	267	8.20	cps
Cadmium	106-1	8786	8686	8639	8704	0.86	cps
Cadmium	111-1	4720	4922	4701	4781	2.56	cps
Calcium	43-1	5128	5141	5018	5095	1.33	cps
Calcium	44-1	84734	83819	84707	84420	0.62	cps
Carbon	12-1	3529688	3267667	3217449	3338268	5.02	cps
Carbon	12-2	23061	22581	23098	22913	1.26	cps
Chlorine	35-1	159012	159224	155353	157863	1.38	cps
Chlorine	35-2	643	600	557	600	7.22	cps
Chromium	52-2	3514	3357	3347	3406	2.74	cps
Cobalt	59-2	5124	4888	5374	5129	4.75	cps
Copper	63-2	11912	12426	12102	12146	2.14	cps
Dysprosium	156-1	17	3	10	10	66.70	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	90	93	117	100	14.53	cps
Erbium	164-2	30	30	20	27	21.65	cps
Gadolinium	160-1	67	90	77	78	15.05	cps
Gadolinium	160-2	10	23	20	18	39.03	cps
Holmium	165-1	19210099	19072298	19222918	19168438	0.44	cps
Holmium	165-2	6199848	6073982	6210820	6161550	1.23	cps
Indium	115-1	14938704	14882211	14917472	14912796	0.19	cps
Indium	115-2	1448028	1444550	1453051	1448543	0.30	cps
Iron	54-2	6105	6135	6028	6089	0.90	cps
Iron	56-2	109842	108542	109815	109400	0.68	cps
Iron	57-2	2804	2760	2704	2756	1.82	cps
Krypton	83-1	183	267	187	212	22.23	cps
Lead	206-1	12253	11889	12573	12238	2.80	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10795	10584	10955	10778	1.72	cps
Lead	208-1	48976	48099	49884	48987	1.82	cps
Lithium	6-1	9061236	8973626	9011573	9015479	0.49	cps
Magnesium	24-2	21049	21112	21466	21209	1.06	cps
Manganese	55-2	2317	2524	2544	2461	5.10	cps
Molybdenum	94-1	11875	11982	12159	12005	1.19	cps
Molybdenum	95-1	6522	6595	6668	6595	1.11	cps
Molybdenum	96-1	8209	8169	8363	8247	1.24	cps
Molybdenum	97-1	4117	4124	3787	4010	4.80	cps
Molybdenum	98-1	10698	10464	10291	10484	1.95	cps
Neodymium	150-1	7	20	27	18	57.27	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2694	2757	2617	2689	2.61	cps
Phosphorus	31-2	113	100	107	107	6.25	cps
Potassium	39-2	14691	14457	15148	14765	2.38	cps
Rhodium	103-1	13968435	13855906	13770488	13864943	0.72	cps
Rhodium	103-2	5016094	5120848	5077844	5071595	1.04	cps
Scandium	45-1	10712372	10737943	10704414	10718243	0.16	cps
Scandium	45-2	199626	196474	198653	198251	0.81	cps
Selenium	82-1	197	153	190	180	12.96	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	10	17	13	13	25.01	cps
Silicon	28-1	451662	448992	450253	450302	0.30	cps
Silver	107-1	16530	16386	16563	16493	0.57	cps
Silver	109-1	15589	16033	16103	15908	1.75	cps
Sodium	23-2	65205	64719	64431	64785	0.60	cps
Strontium	86-1	4517	4621	4511	4550	1.36	cps
Strontium	88-1	36320	37540	37153	37004	1.68	cps
Sulfur	34-1	477913	473275	473239	474809	0.57	cps
Terbium	159-1	19755341	19367052	19506545	19542979	1.01	cps
Terbium	159-2	6010237	6036351	6109820	6052136	0.85	cps
Thallium	203-1	13827	13617	13764	13736	0.78	cps
Thallium	205-1	31979	31385	32273	31879	1.42	cps
Tin	118-1	12219	14822	11805	12949	12.63	cps
Titanium	47-1	2237	2220	2277	2245	1.30	cps
Uranium	238-1	41635	42611	43006	42417	1.66	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-01 Instrumnet Name : P8
Client Sample ID : LOD-MDL-SOIL-01-QT1- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:16:42 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2030	2107	2114	2084	2.22	cps
Ytterbium	172-1	90	130	107	109	18.45	cps
Ytterbium	172-2	50	30	37	39	26.18	cps
Ytterbium	176-1	2394	2534	2447	2458	2.88	cps
Ytterbium	176-2	333	403	397	378	10.23	cps
Yttrium	89-1	27349135	27171557	27103547	27208080	0.47	cps
Yttrium	89-2	1908800	1924426	1902352	1911860	0.59	cps
Zinc	66-2	1090	1177	1190	1152	4.71	cps
Zirconium	90-1	22248	22525	22605	22459	0.83	cps
Zirconium	91-1	4674	5081	4964	4906	4.27	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03RE Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:20:03 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	740	770	748	2.61	cps
Antimony	121-1	6688	6632	6482	6601	1.62	cps
Arsenic	75-2	160	133	107	133	20.00	cps
Barium	135-1	8529	8496	8876	8634	2.44	cps
Barium	137-1	14531	15249	14985	14922	2.43	cps
Beryllium	9-1	2982	2896	2976	2952	1.63	cps
Bismuth	209-1	12245167	12471963	12456191	12391107	1.02	cps
Bismuth	209-2	4509433	4486134	4595217	4530262	1.27	cps
Bromine	81-1	7512	7562	7485	7520	0.52	cps
Cadmium	108-1	140	170	160	157	9.75	cps
Cadmium	106-1	8710	8956	8966	8877	1.64	cps
Cadmium	111-1	3457	3432	3478	3456	0.66	cps
Calcium	43-1	12652	12359	12212	12408	1.81	cps
Calcium	44-1	203315	204225	204182	203908	0.25	cps
Carbon	12-1	3226328	3196181	3196297	3206269	0.54	cps
Carbon	12-2	22350	22481	22440	22424	0.30	cps
Chlorine	35-1	147344	148684	147990	148006	0.45	cps
Chlorine	35-2	613	627	580	607	3.96	cps
Chromium	52-2	2017	1960	1977	1985	1.47	cps
Cobalt	59-2	2900	2927	2747	2858	3.40	cps
Copper	63-2	8553	8793	8606	8650	1.46	cps
Dysprosium	156-1	23	13	20	19	26.96	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	100	93	117	103	11.63	cps
Erbium	164-2	17	17	30	21	36.45	cps
Gadolinium	160-1	60	107	67	78	32.45	cps
Gadolinium	160-2	33	10	30	24	51.62	cps
Holmium	165-1	19409224	18819599	19406726	19211849	1.77	cps
Holmium	165-2	6128529	6128991	6226502	6161341	0.92	cps
Indium	115-1	15118156	15131967	15117139	15122421	0.05	cps
Indium	115-2	1465116	1456761	1511042	1477640	1.98	cps
Iron	54-2	5044	5104	5191	5113	1.44	cps
Iron	56-2	93373	93846	92514	93244	0.72	cps
Iron	57-2	2417	2334	2270	2340	3.14	cps
Krypton	83-1	237	200	150	196	22.25	cps
Lead	206-1	7913	7642	7776	7777	1.74	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03RE Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:20:03 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6415	6715	6698	6610	2.55	cps
Lead	208-1	30448	30371	30554	30458	0.30	cps
Lithium	6-1	8951831	8925852	8936588	8938090	0.15	cps
Magnesium	24-2	54070	54783	53568	54140	1.13	cps
Manganese	55-2	1287	1223	1350	1287	4.92	cps
Molybdenum	94-1	6615	6668	6682	6655	0.53	cps
Molybdenum	95-1	3637	3684	3520	3614	2.33	cps
Molybdenum	96-1	4711	4577	4367	4552	3.80	cps
Molybdenum	97-1	2124	2360	2287	2257	5.37	cps
Molybdenum	98-1	5668	5628	5925	5740	2.81	cps
Neodymium	150-1	20	23	30	24	20.83	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	2017	2050	2234	2100	5.56	cps
Phosphorus	31-2	117	90	100	102	13.18	cps
Potassium	39-2	28308	27790	27319	27806	1.78	cps
Rhodium	103-1	14094885	13947650	14006478	14016338	0.53	cps
Rhodium	103-2	5104238	5156309	5290293	5183613	1.85	cps
Scandium	45-1	10762883	10687811	10816594	10755763	0.60	cps
Scandium	45-2	199971	199376	205102	201483	1.56	cps
Selenium	82-1	1237	1150	1303	1230	6.25	cps
Selenium	77-2	37	40	13	30	48.44	cps
Selenium	78-2	83	97	63	81	20.69	cps
Silicon	28-1	446197	449326	448699	448074	0.37	cps
Silver	107-1	9143	9410	9537	9363	2.15	cps
Silver	109-1	8786	8579	8626	8664	1.25	cps
Sodium	23-2	126300	127470	126922	126898	0.46	cps
Strontium	86-1	2807	2770	2810	2796	0.79	cps
Strontium	88-1	20488	20959	21033	20827	1.42	cps
Sulfur	34-1	485075	484361	482570	484002	0.27	cps
Terbium	159-1	19988905	19665440	19672004	19775450	0.93	cps
Terbium	159-2	6064965	6115969	6247742	6142892	1.54	cps
Thallium	203-1	7312	7406	7466	7394	1.05	cps
Thallium	205-1	17926	17622	17442	17663	1.39	cps
Tin	118-1	7305	7069	6975	7116	2.39	cps
Titanium	47-1	1330	1087	1363	1260	11.99	cps
Uranium	238-1	23001	22921	23305	23075	0.88	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03RE Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:20:03 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1207	1107	1077	1130	6.02	cps
Ytterbium	172-1	93	137	140	123	21.11	cps
Ytterbium	172-2	53	37	47	46	18.41	cps
Ytterbium	176-1	2500	2390	2614	2501	4.47	cps
Ytterbium	176-2	440	440	420	433	2.66	cps
Yttrium	89-1	27742530	27261193	28013299	27672341	1.38	cps
Yttrium	89-2	1915337	1911582	1942530	1923150	0.88	cps
Zinc	66-2	983	1090	1037	1037	5.14	cps
Zirconium	90-1	12342	13006	12699	12683	2.62	cps
Zirconium	91-1	2897	2807	2934	2879	2.26	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1270	1220	1240	1243	2.02	cps
Antimony	121-1	11835	11842	12336	12004	2.39	cps
Arsenic	75-2	203	213	213	210	2.75	cps
Barium	135-1	15696	15486	15225	15469	1.52	cps
Barium	137-1	27682	27254	26937	27291	1.37	cps
Beryllium	9-1	5155	5120	5164	5147	0.45	cps
Bismuth	209-1	12238209	12280759	12005394	12174787	1.22	cps
Bismuth	209-2	4460490	4549132	4526286	4511969	1.02	cps
Bromine	81-1	7465	7565	7629	7553	1.09	cps
Cadmium	108-1	277	243	260	260	6.41	cps
Cadmium	106-1	9343	9126	9280	9250	1.21	cps
Cadmium	111-1	4999	4625	4868	4831	3.92	cps
Calcium	43-1	5368	5314	5178	5287	1.85	cps
Calcium	44-1	83842	84278	84704	84275	0.51	cps
Carbon	12-1	3244036	3206795	3157668	3202833	1.35	cps
Carbon	12-2	22043	22427	22461	22310	1.04	cps
Chlorine	35-1	144539	143213	141846	143200	0.94	cps
Chlorine	35-2	527	550	520	532	2.96	cps
Chromium	52-2	3227	3314	3187	3243	2.00	cps
Cobalt	59-2	5208	5334	4818	5120	5.26	cps
Copper	63-2	12436	12345	12222	12334	0.87	cps
Dysprosium	156-1	20	47	10	26	74.17	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	87	77	123	96	25.71	cps
Erbium	164-2	17	37	20	24	43.83	cps
Gadolinium	160-1	63	80	90	78	17.32	cps
Gadolinium	160-2	27	27	17	23	24.74	cps
Holmium	165-1	19645926	19416221	18842446	19301531	2.14	cps
Holmium	165-2	6168778	6162276	6107545	6146200	0.55	cps
Indium	115-1	15296970	15117556	14797551	15070692	1.68	cps
Indium	115-2	1450656	1445194	1459468	1451773	0.50	cps
Iron	54-2	5995	6165	6231	6130	1.99	cps
Iron	56-2	109032	108619	108444	108699	0.28	cps
Iron	57-2	2620	2840	2677	2713	4.21	cps
Krypton	83-1	223	190	183	199	10.78	cps
Lead	206-1	12610	11819	12062	12164	3.33	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10654	10608	10975	10746	1.86	cps
Lead	208-1	49704	48717	49454	49292	1.04	cps
Lithium	6-1	9022049	9150557	8751446	8974684	2.27	cps
Magnesium	24-2	20785	21416	21112	21104	1.50	cps
Manganese	55-2	2494	2534	2447	2491	1.74	cps
Molybdenum	94-1	11645	12236	11438	11773	3.51	cps
Molybdenum	95-1	6528	6492	6448	6489	0.62	cps
Molybdenum	96-1	8379	8239	8092	8237	1.74	cps
Molybdenum	97-1	3777	4171	4071	4006	5.10	cps
Molybdenum	98-1	10304	10067	10244	10205	1.21	cps
Neodymium	150-1	37	27	27	30	19.24	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2784	2744	2677	2735	1.97	cps
Phosphorus	31-2	117	140	140	132	10.19	cps
Potassium	39-2	15135	15398	15171	15235	0.94	cps
Rhodium	103-1	14212124	13853924	13733869	13933306	1.79	cps
Rhodium	103-2	5076934	5080154	5128637	5095242	0.57	cps
Scandium	45-1	10772104	10733536	10606185	10703942	0.81	cps
Scandium	45-2	198193	200678	198130	199000	0.73	cps
Selenium	82-1	203	247	240	230	10.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	13	0	16	107.86	cps
Silicon	28-1	453823	456225	455927	455325	0.29	cps
Silver	107-1	16463	17087	16827	16793	1.87	cps
Silver	109-1	15269	15923	15943	15711	2.44	cps
Sodium	23-2	64003	64056	64291	64117	0.24	cps
Strontium	86-1	4644	4631	4597	4624	0.52	cps
Strontium	88-1	36932	36875	36929	36912	0.09	cps
Sulfur	34-1	496238	496016	495010	495755	0.13	cps
Terbium	159-1	19844117	19657915	19473743	19658592	0.94	cps
Terbium	159-2	6031624	6048103	6017664	6032464	0.25	cps
Thallium	203-1	13504	13307	13280	13364	0.91	cps
Thallium	205-1	32123	32648	31933	32234	1.15	cps
Tin	118-1	12129	12242	12176	12182	0.47	cps
Titanium	47-1	2224	2160	2124	2169	2.33	cps
Uranium	238-1	43139	43079	42123	42781	1.33	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-07 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-01-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:23:26 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2097	2174	1893	2055	7.04	cps
Ytterbium	172-1	83	93	97	91	7.62	cps
Ytterbium	172-2	33	57	20	37	50.62	cps
Ytterbium	176-1	2440	2430	2594	2488	3.68	cps
Ytterbium	176-2	317	330	420	356	15.81	cps
Yttrium	89-1	27895010	27281291	27018962	27398421	1.64	cps
Yttrium	89-2	1937818	1897852	1895298	1910323	1.25	cps
Zinc	66-2	1210	1183	980	1125	11.19	cps
Zirconium	90-1	22869	22805	22992	22889	0.42	cps
Zirconium	91-1	5231	4998	5094	5108	2.30	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:26:48 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	677	843	767	762	10.94	cps
Antimony	121-1	6758	6542	6698	6666	1.68	cps
Arsenic	75-2	143	123	97	121	19.33	cps
Barium	135-1	8713	8776	8646	8712	0.75	cps
Barium	137-1	14875	15686	14845	15135	3.15	cps
Beryllium	9-1	2882	2964	2937	2928	1.42	cps
Bismuth	209-1	12326161	12087384	12424001	12279182	1.41	cps
Bismuth	209-2	4545209	4476791	4511345	4511115	0.76	cps
Bromine	81-1	7589	7726	7559	7624	1.17	cps
Cadmium	108-1	160	180	147	162	10.34	cps
Cadmium	106-1	9333	8973	9253	9186	2.06	cps
Cadmium	111-1	3345	3419	3641	3468	4.45	cps
Calcium	43-1	12696	12692	12342	12577	1.62	cps
Calcium	44-1	202849	203307	202289	202815	0.25	cps
Carbon	12-1	3330422	3255476	3292354	3292750	1.14	cps
Carbon	12-2	22761	22397	22427	22528	0.90	cps
Chlorine	35-1	137977	136604	136886	137156	0.53	cps
Chlorine	35-2	507	567	513	529	6.22	cps
Chromium	52-2	2064	2084	2097	2081	0.81	cps
Cobalt	59-2	2790	2810	3000	2867	4.04	cps
Copper	63-2	8339	8636	8736	8570	2.41	cps
Dysprosium	156-1	7	17	17	13	43.29	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	80	113	123	106	21.50	cps
Erbium	164-2	27	17	37	27	37.50	cps
Gadolinium	160-1	97	83	70	83	16.00	cps
Gadolinium	160-2	7	40	27	24	68.62	cps
Holmium	165-1	19128866	19334088	19367808	19276921	0.67	cps
Holmium	165-2	6138134	6139353	6057598	6111695	0.77	cps
Indium	115-1	14734862	14934746	14901159	14856922	0.72	cps
Indium	115-2	1443331	1451430	1446567	1447109	0.28	cps
Iron	54-2	5184	5174	5018	5125	1.82	cps
Iron	56-2	91739	93701	91444	92295	1.33	cps
Iron	57-2	2137	2214	2274	2208	3.10	cps
Krypton	83-1	237	190	193	207	12.60	cps
Lead	206-1	7649	7782	7509	7647	1.79	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:26:48 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6575	6642	6672	6630	0.75	cps
Lead	208-1	30314	30531	30301	30382	0.43	cps
Lithium	6-1	9074789	8967179	8966083	9002684	0.69	cps
Magnesium	24-2	53909	54130	53404	53814	0.69	cps
Manganese	55-2	1373	1383	1347	1368	1.39	cps
Molybdenum	94-1	6378	6588	6572	6513	1.79	cps
Molybdenum	95-1	3314	3941	3597	3617	8.68	cps
Molybdenum	96-1	4434	4801	4381	4539	5.04	cps
Molybdenum	97-1	2017	2040	2087	2048	1.74	cps
Molybdenum	98-1	5678	5601	5491	5590	1.68	cps
Neodymium	150-1	20	23	7	17	52.90	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	1883	2070	2010	1988	4.79	cps
Phosphorus	31-2	73	80	70	74	6.84	cps
Potassium	39-2	27540	27720	27149	27470	1.06	cps
Rhodium	103-1	13663433	13922728	13940350	13842170	1.12	cps
Rhodium	103-2	5194027	5042173	5119308	5118503	1.48	cps
Scandium	45-1	10784033	10678226	10961755	10808005	1.33	cps
Scandium	45-2	199109	198984	197666	198586	0.40	cps
Selenium	82-1	1210	1277	1203	1230	3.30	cps
Selenium	77-2	10	27	23	20	44.10	cps
Selenium	78-2	103	73	80	86	18.41	cps
Silicon	28-1	444980	443121	455178	447760	1.45	cps
Silver	107-1	9350	9427	9407	9394	0.42	cps
Silver	109-1	8549	8843	8443	8612	2.41	cps
Sodium	23-2	127363	126855	125083	126434	0.95	cps
Strontium	86-1	2680	2664	2657	2667	0.45	cps
Strontium	88-1	19804	20098	20562	20155	1.90	cps
Sulfur	34-1	505679	502692	500362	502911	0.53	cps
Terbium	159-1	19831443	19397351	19405293	19544696	1.27	cps
Terbium	159-2	5980237	5969908	6134692	6028279	1.53	cps
Thallium	203-1	7272	7529	7342	7381	1.80	cps
Thallium	205-1	17889	18186	17882	17986	0.96	cps
Tin	118-1	7292	7242	7159	7231	0.93	cps
Titanium	47-1	1220	1183	1347	1250	6.86	cps
Uranium	238-1	23231	22974	23679	23295	1.53	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-09 Instrumnet Name : P8
Client Sample ID : MDL-WATER-03-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:26:48 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1023	1087	1080	1063	3.27	cps
Ytterbium	172-1	110	97	120	109	10.75	cps
Ytterbium	172-2	37	33	57	42	29.89	cps
Ytterbium	176-1	2597	2574	2520	2564	1.53	cps
Ytterbium	176-2	300	327	403	343	15.63	cps
Yttrium	89-1	26997678	27357950	27322902	27226177	0.73	cps
Yttrium	89-2	1890482	1895116	1903080	1896226	0.34	cps
Zinc	66-2	843	760	653	752	12.66	cps
Zirconium	90-1	12132	13050	12793	12658	3.74	cps
Zirconium	91-1	2744	2767	2790	2767	0.84	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1297	1180	1260	1246	4.79	cps
Antimony	121-1	12182	12312	12025	12173	1.18	cps
Arsenic	75-2	213	257	230	233	9.37	cps
Barium	135-1	15806	16003	15709	15839	0.94	cps
Barium	137-1	27191	27491	28443	27708	2.36	cps
Beryllium	9-1	5204	5359	5308	5290	1.49	cps
Bismuth	209-1	12388820	12066178	12166735	12207244	1.35	cps
Bismuth	209-2	4477915	4495340	4432973	4468742	0.72	cps
Bromine	81-1	7622	7515	7139	7425	3.42	cps
Cadmium	108-1	317	260	250	276	13.05	cps
Cadmium	106-1	9036	8976	9000	9004	0.34	cps
Cadmium	111-1	4776	5037	4835	4883	2.80	cps
Calcium	43-1	5201	5141	5138	5160	0.69	cps
Calcium	44-1	85700	87078	84761	85846	1.36	cps
Carbon	12-1	3310136	3246374	3210462	3255657	1.55	cps
Carbon	12-2	22711	22260	22254	22408	1.17	cps
Chlorine	35-1	123329	121598	120792	121906	1.06	cps
Chlorine	35-2	503	467	430	467	7.86	cps
Chromium	52-2	3380	3264	3224	3289	2.48	cps
Cobalt	59-2	5114	5241	5191	5182	1.23	cps
Copper	63-2	12255	12082	12119	12152	0.75	cps
Dysprosium	156-1	7	17	10	11	45.82	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	80	77	90	82	8.44	cps
Erbium	164-2	20	27	27	24	15.75	cps
Gadolinium	160-1	70	67	67	68	2.84	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	19178472	19129600	19282608	19196893	0.41	cps
Holmium	165-2	6064414	6173101	6056933	6098149	1.07	cps
Indium	115-1	15084765	14833868	14818016	14912216	1.00	cps
Indium	115-2	1423327	1429378	1427121	1426609	0.21	cps
Iron	54-2	6318	5898	5938	6051	3.83	cps
Iron	56-2	109650	109553	109170	109458	0.23	cps
Iron	57-2	2610	2904	2774	2763	5.32	cps
Krypton	83-1	233	203	200	212	8.65	cps
Lead	206-1	12483	12409	12309	12400	0.70	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10831	11288	10938	11019	2.17	cps
Lead	208-1	49056	49881	49521	49486	0.84	cps
Lithium	6-1	9039169	9037396	8916295	8997620	0.78	cps
Magnesium	24-2	21399	21823	21453	21558	1.07	cps
Manganese	55-2	2427	2384	2340	2384	1.82	cps
Molybdenum	94-1	11552	11972	11895	11806	1.90	cps
Molybdenum	95-1	6735	6528	6845	6703	2.40	cps
Molybdenum	96-1	7906	8419	8072	8132	3.22	cps
Molybdenum	97-1	4021	4071	4097	4063	0.96	cps
Molybdenum	98-1	10221	10331	10207	10253	0.66	cps
Neodymium	150-1	30	20	27	26	19.92	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2647	2580	2374	2534	5.63	cps
Phosphorus	31-2	150	113	113	126	16.86	cps
Potassium	39-2	14324	14764	14924	14671	2.12	cps
Rhodium	103-1	14033694	13853820	13604865	13830793	1.56	cps
Rhodium	103-2	5099057	5081397	5001987	5060814	1.02	cps
Scandium	45-1	10719333	10802012	10568656	10696667	1.11	cps
Scandium	45-2	196416	196162	196078	196219	0.09	cps
Selenium	82-1	187	170	230	196	15.84	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	20	7	11	69.25	cps
Silicon	28-1	452918	450803	457645	453789	0.77	cps
Silver	107-1	17091	16827	17034	16984	0.82	cps
Silver	109-1	16206	15953	15943	16034	0.93	cps
Sodium	23-2	63283	63280	64261	63608	0.89	cps
Strontium	86-1	4567	4444	4824	4612	4.20	cps
Strontium	88-1	36611	37497	38165	37424	2.08	cps
Sulfur	34-1	489630	492733	491523	491295	0.32	cps
Terbium	159-1	19534723	19100631	19443589	19359648	1.18	cps
Terbium	159-2	6038833	5793280	5950017	5927377	2.10	cps
Thallium	203-1	13868	13704	13567	13713	1.10	cps
Thallium	205-1	31933	32050	32684	32222	1.26	cps
Tin	118-1	12059	12549	11835	12148	3.01	cps
Titanium	47-1	2194	2140	2334	2222	4.49	cps
Uranium	238-1	42932	43718	42511	43054	1.42	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-10 Instrumnet Name : P8
Client Sample ID : LOD-MDL-WATER-04-Q1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:30:12 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2004	1947	2087	2012	3.50	cps
Ytterbium	172-1	133	100	123	119	14.39	cps
Ytterbium	172-2	47	57	70	58	20.26	cps
Ytterbium	176-1	2574	2350	2570	2498	5.12	cps
Ytterbium	176-2	337	447	330	371	17.65	cps
Yttrium	89-1	27180684	27204615	27225026	27203442	0.08	cps
Yttrium	89-2	1870404	1890222	1887325	1882651	0.57	cps
Zinc	66-2	1157	1143	1157	1152	0.67	cps
Zirconium	90-1	23433	22665	23129	23076	1.68	cps
Zirconium	91-1	4934	4871	5208	5004	3.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	687	703	680	690	1.74	cps
Antimony	121-1	6572	6615	6585	6591	0.34	cps
Arsenic	75-2	110	130	93	111	16.52	cps
Barium	135-1	8633	8603	8623	8619	0.18	cps
Barium	137-1	14995	14882	15015	14964	0.48	cps
Beryllium	9-1	2900	2942	2876	2906	1.16	cps
Bismuth	209-1	12216691	12352741	12226620	12265351	0.62	cps
Bismuth	209-2	4584001	4481522	4501726	4522416	1.20	cps
Bromine	81-1	7485	7559	7192	7412	2.62	cps
Cadmium	108-1	157	167	170	164	4.22	cps
Cadmium	106-1	8893	8870	8933	8899	0.36	cps
Cadmium	111-1	3336	3424	3381	3380	1.31	cps
Calcium	43-1	12429	12105	12169	12234	1.40	cps
Calcium	44-1	200785	201680	201714	201393	0.26	cps
Carbon	12-1	3350822	3294865	3261216	3302301	1.37	cps
Carbon	12-2	23152	22668	22941	22920	1.06	cps
Chlorine	35-1	113833	113708	114165	113902	0.21	cps
Chlorine	35-2	413	413	350	392	9.32	cps
Chromium	52-2	2074	2047	2047	2056	0.75	cps
Cobalt	59-2	2897	2844	2814	2851	1.48	cps
Copper	63-2	8399	8569	8659	8543	1.55	cps
Dysprosium	156-1	13	17	17	16	12.40	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	103	93	70	89	19.25	cps
Erbium	164-2	40	13	30	28	48.51	cps
Gadolinium	160-1	63	103	93	87	24.02	cps
Gadolinium	160-2	30	10	10	17	69.28	cps
Holmium	165-1	19023353	19164808	19321948	19170036	0.78	cps
Holmium	165-2	6120660	6183186	6200661	6168169	0.68	cps
Indium	115-1	15065199	14898583	14803066	14922283	0.89	cps
Indium	115-2	1454233	1449317	1450306	1451285	0.18	cps
Iron	54-2	5311	5138	5241	5230	1.67	cps
Iron	56-2	91564	91973	91038	91525	0.51	cps
Iron	57-2	2234	2144	2277	2218	3.07	cps
Krypton	83-1	160	187	180	176	7.91	cps
Lead	206-1	7469	7669	7542	7560	1.34	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6568	6779	6518	6622	2.08	cps
Lead	208-1	29794	30044	29824	29887	0.46	cps
Lithium	6-1	9197069	9008652	9048988	9084903	1.09	cps
Magnesium	24-2	54117	53702	53096	53638	0.96	cps
Manganese	55-2	1353	1250	1283	1296	4.07	cps
Molybdenum	94-1	6362	6435	6398	6398	0.57	cps
Molybdenum	95-1	3574	3540	3374	3496	3.07	cps
Molybdenum	96-1	4301	4664	4651	4539	4.54	cps
Molybdenum	97-1	2154	2094	2147	2131	1.54	cps
Molybdenum	98-1	5494	5781	5591	5622	2.60	cps
Neodymium	150-1	7	17	20	14	48.02	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	2100	1940	1960	2000	4.36	cps
Phosphorus	31-2	93	80	67	80	16.66	cps
Potassium	39-2	27416	27393	27152	27320	0.53	cps
Rhodium	103-1	13979297	13927559	13929836	13945564	0.21	cps
Rhodium	103-2	5088205	5095434	5123789	5102476	0.37	cps
Scandium	45-1	10842797	10778041	10867666	10829501	0.43	cps
Scandium	45-2	198045	198561	195629	197412	0.79	cps
Selenium	82-1	1207	1200	1187	1198	0.85	cps
Selenium	77-2	3	13	13	10	57.75	cps
Selenium	78-2	103	40	50	64	52.83	cps
Silicon	28-1	445121	446808	448318	446749	0.36	cps
Silver	107-1	9317	9313	9263	9298	0.32	cps
Silver	109-1	8626	8740	8556	8641	1.07	cps
Sodium	23-2	125218	124442	123383	124347	0.74	cps
Strontium	86-1	2607	2667	2550	2608	2.24	cps
Strontium	88-1	20428	20535	20432	20465	0.30	cps
Sulfur	34-1	489767	487830	485782	487793	0.41	cps
Terbium	159-1	19660036	19721814	19618295	19666715	0.26	cps
Terbium	159-2	6138908	6045803	5996642	6060451	1.19	cps
Thallium	203-1	7456	7309	7509	7424	1.40	cps
Thallium	205-1	17622	17555	17148	17442	1.47	cps
Tin	118-1	7139	7129	7395	7221	2.09	cps
Titanium	47-1	1417	1267	1270	1318	6.50	cps
Uranium	238-1	22700	23111	23392	23068	1.51	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-12 Instrumnet Name : P8
Client Sample ID : MDL-WATER-06-QT1-20 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:33:33 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1027	1167	1087	1093	6.42	cps
Ytterbium	172-1	113	147	83	114	27.69	cps
Ytterbium	172-2	27	53	57	46	36.09	cps
Ytterbium	176-1	2424	2554	2234	2404	6.70	cps
Ytterbium	176-2	333	330	367	343	5.91	cps
Yttrium	89-1	27571185	27404215	27437768	27471056	0.32	cps
Yttrium	89-2	1906172	1899796	1897539	1901169	0.24	cps
Zinc	66-2	820	783	773	792	3.10	cps
Zirconium	90-1	12719	12576	12753	12683	0.74	cps
Zirconium	91-1	2927	2770	2804	2834	2.91	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:37:29 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710	697	827	744	9.61	cps
Antimony	121-1	6535	6648	6498	6561	1.19	cps
Arsenic	75-2	163	167	117	149	18.78	cps
Barium	135-1	8296	8433	8463	8397	1.06	cps
Barium	137-1	15082	14865	15159	15035	1.01	cps
Beryllium	9-1	2870	2936	2865	2890	1.38	cps
Bismuth	209-1	12276087	12368005	12395564	12346552	0.51	cps
Bismuth	209-2	4479511	4626066	4493112	4532896	1.79	cps
Bromine	81-1	7052	7305	7319	7225	2.08	cps
Cadmium	108-1	97	153	137	129	22.60	cps
Cadmium	106-1	8559	8813	8786	8719	1.60	cps
Cadmium	111-1	3411	3549	3415	3458	2.27	cps
Calcium	43-1	12219	12572	12412	12401	1.43	cps
Calcium	44-1	201089	203749	200083	201640	0.94	cps
Carbon	12-1	3316843	3271689	3235207	3274580	1.25	cps
Carbon	12-2	23001	22424	22611	22679	1.30	cps
Chlorine	35-1	107216	106521	104050	105929	1.57	cps
Chlorine	35-2	393	360	367	373	4.72	cps
Chromium	52-2	1957	1980	2130	2022	4.65	cps
Cobalt	59-2	2737	2887	2767	2797	2.84	cps
Copper	63-2	8409	8456	8366	8410	0.54	cps
Dysprosium	156-1	27	20	17	21	24.12	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	97	93	97	96	2.02	cps
Erbium	164-2	40	30	37	36	14.32	cps
Gadolinium	160-1	107	50	80	79	35.94	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	19076963	19449629	19362170	19296254	1.01	cps
Holmium	165-2	6146926	6355767	6154481	6219058	1.90	cps
Indium	115-1	15008633	15214540	14962436	15061870	0.89	cps
Indium	115-2	1429718	1479955	1443867	1451180	1.79	cps
Iron	54-2	5051	5051	4931	5011	1.38	cps
Iron	56-2	90528	91357	91890	91258	0.75	cps
Iron	57-2	2217	2347	2194	2252	3.67	cps
Krypton	83-1	187	193	207	196	5.21	cps
Lead	206-1	7329	7205	7292	7275	0.87	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:37:29 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6668	6332	6398	6466	2.76	cps
Lead	208-1	29380	29283	29520	29395	0.41	cps
Lithium	6-1	9159404	9258721	9180147	9199424	0.57	cps
Magnesium	24-2	53146	53675	53106	53309	0.60	cps
Manganese	55-2	1437	1347	1377	1387	3.30	cps
Molybdenum	94-1	6562	6672	6858	6697	2.24	cps
Molybdenum	95-1	3540	3644	3480	3555	2.32	cps
Molybdenum	96-1	4721	4537	4334	4531	4.27	cps
Molybdenum	97-1	2270	2234	2187	2230	1.87	cps
Molybdenum	98-1	5771	5588	5678	5679	1.61	cps
Neodymium	150-1	17	23	23	21	18.21	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	2060	2017	1890	1989	4.44	cps
Phosphorus	31-2	83	103	77	88	15.81	cps
Potassium	39-2	27112	26584	26605	26767	1.12	cps
Rhodium	103-1	13871425	14271039	13945634	14029366	1.52	cps
Rhodium	103-2	5016006	5201081	5145387	5120825	1.85	cps
Scandium	45-1	10615336	11046819	10822404	10828186	1.99	cps
Scandium	45-2	195649	202333	198977	198986	1.68	cps
Selenium	82-1	1340	1207	1307	1285	5.40	cps
Selenium	77-2	33	17	7	19	71.30	cps
Selenium	78-2	93	93	83	90	6.42	cps
Silicon	28-1	448922	447275	443977	446724	0.56	cps
Silver	107-1	9006	8719	9026	8917	1.93	cps
Silver	109-1	8556	8249	8479	8428	1.89	cps
Sodium	23-2	125379	122650	122522	123517	1.31	cps
Strontium	86-1	2427	2587	2594	2536	3.72	cps
Strontium	88-1	20205	20502	20368	20358	0.73	cps
Sulfur	34-1	478818	476716	477693	477742	0.22	cps
Terbium	159-1	19525185	19976466	19688413	19730022	1.16	cps
Terbium	159-2	5922845	6226793	6113688	6087775	2.52	cps
Thallium	203-1	7349	7235	7462	7349	1.54	cps
Thallium	205-1	17479	17388	17385	17417	0.30	cps
Tin	118-1	7169	6975	6932	7025	1.79	cps
Titanium	47-1	1250	1300	1260	1270	2.08	cps
Uranium	238-1	22957	23205	23081	23081	0.54	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1187-03 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-03-QT1-2024 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:37:29 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1157	1157	1200	1171	2.14	cps
Ytterbium	172-1	100	110	120	110	9.09	cps
Ytterbium	172-2	13	37	40	30	48.44	cps
Ytterbium	176-1	2650	2507	2500	2552	3.32	cps
Ytterbium	176-2	417	313	393	374	14.47	cps
Yttrium	89-1	27554638	27993296	27582289	27710074	0.89	cps
Yttrium	89-2	1885050	1951029	1919165	1918415	1.72	cps
Zinc	66-2	790	773	753	772	2.38	cps
Zirconium	90-1	12479	12813	12346	12546	1.92	cps
Zirconium	91-1	2717	3037	2864	2873	5.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT1-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:41:31 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	713	767	703	728	4.68	cps
Antimony	121-1	6805	6422	6642	6623	2.91	cps
Arsenic	75-2	123	123	117	121	3.18	cps
Barium	135-1	8329	8653	8503	8495	1.91	cps
Barium	137-1	14748	14758	15139	14882	1.50	cps
Beryllium	9-1	2941	2991	2849	2927	2.47	cps
Bismuth	209-1	12319281	12302218	12197263	12272921	0.54	cps
Bismuth	209-2	4546609	4641933	4488165	4558902	1.70	cps
Bromine	81-1	7205	7355	7579	7380	2.55	cps
Cadmium	108-1	153	193	173	173	11.54	cps
Cadmium	106-1	9173	9080	8669	8974	2.99	cps
Cadmium	111-1	3471	3437	3426	3445	0.67	cps
Calcium	43-1	12432	12445	12365	12414	0.35	cps
Calcium	44-1	204837	204834	203976	204549	0.24	cps
Carbon	12-1	3291627	3268443	3236165	3265412	0.85	cps
Carbon	12-2	23415	23078	22941	23145	1.05	cps
Chlorine	35-1	104692	102768	103342	103601	0.95	cps
Chlorine	35-2	437	393	423	418	5.31	cps
Chromium	52-2	2057	2024	2080	2054	1.39	cps
Cobalt	59-2	2710	2860	2597	2723	4.85	cps
Copper	63-2	8703	8509	8326	8513	2.21	cps
Dysprosium	156-1	7	20	10	12	56.76	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	97	120	113	110	10.92	cps
Erbium	164-2	20	33	13	22	45.83	cps
Gadolinium	160-1	63	107	103	91	26.47	cps
Gadolinium	160-2	7	20	17	14	48.02	cps
Holmium	165-1	19719611	19189933	19166131	19358558	1.62	cps
Holmium	165-2	6138263	6196892	6123634	6152930	0.63	cps
Indium	115-1	15228699	15072637	14977350	15092896	0.84	cps
Indium	115-2	1451404	1452973	1455183	1453187	0.13	cps
Iron	54-2	5341	5094	5284	5240	2.47	cps
Iron	56-2	93040	92474	92517	92677	0.34	cps
Iron	57-2	2350	2377	2344	2357	0.75	cps
Krypton	83-1	220	233	173	209	15.08	cps
Lead	206-1	7532	7489	7402	7474	0.89	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT1-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:41:31 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6395	6475	6325	6398	1.17	cps
Lead	208-1	29774	30001	29347	29707	1.12	cps
Lithium	6-1	9225866	9233858	9066015	9175246	1.03	cps
Magnesium	24-2	53795	53929	55401	54375	1.64	cps
Manganese	55-2	1340	1370	1357	1356	1.11	cps
Molybdenum	94-1	6922	6678	6592	6731	2.54	cps
Molybdenum	95-1	3701	3577	3631	3636	1.70	cps
Molybdenum	96-1	4501	4431	4344	4425	1.77	cps
Molybdenum	97-1	2380	2167	2167	2238	5.50	cps
Molybdenum	98-1	5798	5928	5731	5819	1.72	cps
Neodymium	150-1	23	17	10	17	39.99	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	2104	2144	2147	2131	1.13	cps
Phosphorus	31-2	100	67	83	83	20.00	cps
Potassium	39-2	26875	27269	27333	27159	0.91	cps
Rhodium	103-1	14092243	14118451	13977663	14062786	0.53	cps
Rhodium	103-2	5110066	5077564	5046531	5078054	0.63	cps
Scandium	45-1	11094916	10932506	10798517	10941980	1.36	cps
Scandium	45-2	197977	196507	199170	197884	0.67	cps
Selenium	82-1	1227	1307	1290	1275	3.31	cps
Selenium	77-2	33	23	20	26	27.15	cps
Selenium	78-2	80	80	57	72	18.65	cps
Silicon	28-1	448643	447549	447792	447995	0.13	cps
Silver	107-1	9253	9166	8903	9108	2.00	cps
Silver	109-1	8833	8343	8569	8582	2.86	cps
Sodium	23-2	125967	124576	125581	125375	0.57	cps
Strontium	86-1	2927	2490	2640	2686	8.26	cps
Strontium	88-1	20111	20415	20115	20214	0.86	cps
Sulfur	34-1	487114	489198	490227	488846	0.32	cps
Terbium	159-1	20116648	19685041	20005551	19935747	1.12	cps
Terbium	159-2	6084053	6046935	6038541	6056510	0.40	cps
Thallium	203-1	7132	7262	7242	7212	0.97	cps
Thallium	205-1	17348	17582	17185	17372	1.15	cps
Tin	118-1	7109	7265	7135	7170	1.17	cps
Titanium	47-1	1317	1307	1327	1317	0.76	cps
Uranium	238-1	22754	23355	23422	23177	1.59	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-02 Instrumnet Name : P8
Client Sample ID : MDL-WATER-QT1-2024- Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:41:31 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1090	1203	1163	1152	4.99	cps
Ytterbium	172-1	147	97	130	124	20.46	cps
Ytterbium	172-2	47	53	27	42	32.86	cps
Ytterbium	176-1	2370	2600	2457	2476	4.69	cps
Ytterbium	176-2	353	340	347	347	1.92	cps
Yttrium	89-1	27946738	27700115	27109879	27585577	1.56	cps
Yttrium	89-2	1921669	1938571	1913612	1924617	0.66	cps
Zinc	66-2	810	773	807	797	2.55	cps
Zirconium	90-1	12406	12886	12185	12492	2.87	cps
Zirconium	91-1	2830	3007	2684	2840	5.70	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT1-2024-02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:44:56 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	783	633	700	706	10.65	cps
Antimony	121-1	6815	6722	6685	6741	1.00	cps
Arsenic	75-2	130	123	97	117	15.12	cps
Barium	135-1	8589	8453	8560	8534	0.84	cps
Barium	137-1	14575	15042	15259	14958	2.34	cps
Beryllium	9-1	2947	2910	2980	2946	1.19	cps
Bismuth	209-1	12277181	12261429	12177836	12238816	0.44	cps
Bismuth	209-2	4517416	4502377	4483670	4501154	0.38	cps
Bromine	81-1	7409	7382	7592	7461	1.53	cps
Cadmium	108-1	177	173	180	177	1.88	cps
Cadmium	106-1	8883	8993	8703	8860	1.65	cps
Cadmium	111-1	3270	3351	3375	3332	1.65	cps
Calcium	43-1	12509	12712	12632	12618	0.81	cps
Calcium	44-1	202116	202069	203093	202426	0.29	cps
Carbon	12-1	3350120	3303149	3331165	3328145	0.71	cps
Carbon	12-2	22794	23222	23505	23174	1.54	cps
Chlorine	35-1	103120	104228	103144	103497	0.61	cps
Chlorine	35-2	403	373	370	382	4.80	cps
Chromium	52-2	1960	2000	1867	1942	3.52	cps
Cobalt	59-2	2867	2914	2727	2836	3.43	cps
Copper	63-2	8806	8573	8623	8667	1.42	cps
Dysprosium	156-1	20	3	7	10	88.20	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	83	97	97	92	8.35	cps
Erbium	164-2	20	23	10	18	39.03	cps
Gadolinium	160-1	63	57	93	71	27.46	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	19076871	19167783	19249182	19164612	0.45	cps
Holmium	165-2	6200125	6123504	6141330	6154986	0.65	cps
Indium	115-1	15007710	15094237	14956944	15019630	0.46	cps
Indium	115-2	1450810	1457117	1441130	1449685	0.56	cps
Iron	54-2	4584	5118	5131	4944	6.31	cps
Iron	56-2	91223	92235	92685	92048	0.81	cps
Iron	57-2	2290	2320	2284	2298	0.85	cps
Krypton	83-1	163	223	193	193	15.52	cps
Lead	206-1	7195	7332	7579	7369	2.64	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT1-2024-02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:44:56 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6532	6652	6528	6571	1.07	cps
Lead	208-1	30037	29620	30207	29955	1.01	cps
Lithium	6-1	9128376	9132633	9094623	9118544	0.23	cps
Magnesium	24-2	54662	53976	53441	54026	1.13	cps
Manganese	55-2	1220	1387	1257	1288	6.80	cps
Molybdenum	94-1	6488	6528	6698	6572	1.70	cps
Molybdenum	95-1	3644	3611	3580	3612	0.88	cps
Molybdenum	96-1	4511	4581	4691	4594	1.98	cps
Molybdenum	97-1	2177	2370	2350	2299	4.63	cps
Molybdenum	98-1	5761	5745	5688	5731	0.67	cps
Neodymium	150-1	20	20	10	17	34.64	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1920	1977	2014	1970	2.39	cps
Phosphorus	31-2	70	93	77	80	15.02	cps
Potassium	39-2	27082	27035	26825	26981	0.51	cps
Rhodium	103-1	13799667	13897285	14010944	13902632	0.76	cps
Rhodium	103-2	5076094	5119921	5060341	5085452	0.61	cps
Scandium	45-1	10848649	10694983	10782363	10775332	0.72	cps
Scandium	45-2	200711	198162	197672	198848	0.82	cps
Selenium	82-1	1380	1213	1120	1238	10.64	cps
Selenium	77-2	17	17	27	20	28.86	cps
Selenium	78-2	60	60	37	52	25.79	cps
Silicon	28-1	449657	463610	445903	453057	2.06	cps
Silver	107-1	9096	9016	9333	9149	1.80	cps
Silver	109-1	8429	8766	8599	8598	1.96	cps
Sodium	23-2	123776	125770	123900	124482	0.90	cps
Strontium	86-1	2424	2700	2694	2606	6.06	cps
Strontium	88-1	19998	20579	20235	20270	1.44	cps
Sulfur	34-1	496782	496498	499365	497548	0.32	cps
Terbium	159-1	19801306	19531169	19641578	19658017	0.69	cps
Terbium	159-2	6078925	6102338	5964835	6048699	1.22	cps
Thallium	203-1	7342	7399	7145	7295	1.82	cps
Thallium	205-1	17472	17175	17515	17387	1.07	cps
Tin	118-1	7259	6948	7329	7179	2.82	cps
Titanium	47-1	1330	1323	1353	1336	1.18	cps
Uranium	238-1	23462	23619	23058	23379	1.24	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : P1601-04 Instrumnet Name : P8
Client Sample ID : MDL-SOIL-QT1-2024-02 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:44:56 DataFile Name : 030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1177	967	1153	1099	10.47	cps
Ytterbium	172-1	117	97	97	103	11.17	cps
Ytterbium	172-2	63	40	37	47	31.13	cps
Ytterbium	176-1	2517	2600	2637	2585	2.38	cps
Ytterbium	176-2	303	333	400	346	14.32	cps
Yttrium	89-1	27551861	27356405	27422142	27443470	0.36	cps
Yttrium	89-2	1912467	1878349	1897934	1896250	0.90	cps
Zinc	66-2	870	770	733	791	8.94	cps
Zirconium	90-1	12796	12486	12292	12525	2.03	cps
Zirconium	91-1	2704	2780	2767	2750	1.49	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	77	77	88	21.92	cps
Antimony	121-1	77	73	70	73	4.55	cps
Arsenic	75-2	7	3	3	4	43.40	cps
Barium	135-1	293	253	313	287	10.66	cps
Barium	137-1	393	363	360	372	4.93	cps
Beryllium	9-1	290	277	254	274	6.73	cps
Bismuth	209-1	12246516	12284921	11942089	12157842	1.54	cps
Bismuth	209-2	4588929	4356532	4407131	4450864	2.75	cps
Bromine	81-1	7742	7222	6998	7321	5.21	cps
Cadmium	108-1	30	27	17	24	28.38	cps
Cadmium	106-1	8893	9100	8716	8903	2.16	cps
Cadmium	111-1	1768	1821	1748	1779	2.13	cps
Calcium	43-1	547	467	503	506	7.92	cps
Calcium	44-1	10257	10604	10397	10419	1.68	cps
Carbon	12-1	3410232	3330612	3286597	3342480	1.87	cps
Carbon	12-2	23502	22414	23192	23036	2.43	cps
Chlorine	35-1	99307	98429	99283	99006	0.51	cps
Chlorine	35-2	367	327	357	350	5.95	cps
Chromium	52-2	573	567	607	582	3.68	cps
Cobalt	59-2	53	43	43	47	12.37	cps
Copper	63-2	4354	4111	4201	4222	2.92	cps
Dysprosium	156-1	23	17	13	18	28.64	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	67	90	60	72	21.81	cps
Erbium	164-2	27	23	20	23	14.29	cps
Gadolinium	160-1	87	63	67	72	17.48	cps
Gadolinium	160-2	27	13	10	17	52.93	cps
Holmium	165-1	19434477	19060029	18903458	19132655	1.43	cps
Holmium	165-2	6350779	5908403	5937107	6065430	4.08	cps
Indium	115-1	14954535	14628489	14792366	14791797	1.10	cps
Indium	115-2	1479084	1376306	1397532	1417641	3.83	cps
Iron	54-2	287	287	353	309	12.46	cps
Iron	56-2	3731	3527	3487	3582	3.64	cps
Iron	57-2	87	73	73	78	9.90	cps
Krypton	83-1	157	227	170	184	20.15	cps
Lead	206-1	1710	1690	1607	1669	3.28	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1553	1453	1597	1535	4.79	cps
Lead	208-1	6691	6687	6864	6747	1.50	cps
Lithium	6-1	8879903	9037354	9110368	9009208	1.31	cps
Magnesium	24-2	570	590	603	588	2.85	cps
Manganese	55-2	127	113	50	97	42.37	cps
Molybdenum	94-1	360	380	370	370	2.70	cps
Molybdenum	95-1	163	157	173	164	5.10	cps
Molybdenum	96-1	170	190	173	178	6.03	cps
Molybdenum	97-1	67	90	77	78	15.05	cps
Molybdenum	98-1	193	217	147	186	19.21	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	1287	1223	1230	1247	2.79	cps
Phosphorus	31-2	57	43	40	47	18.90	cps
Potassium	39-2	8623	9116	8709	8816	2.99	cps
Rhodium	103-1	14006564	13688962	13889377	13861635	1.16	cps
Rhodium	103-2	5219284	4836393	4915120	4990266	4.05	cps
Scandium	45-1	10765732	10756244	10560124	10694033	1.09	cps
Scandium	45-2	199704	188662	190255	192874	3.09	cps
Selenium	82-1	70	-73	43	13	571.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	3	3	4	43.40	cps
Silicon	28-1	436469	437685	435974	436710	0.20	cps
Silver	107-1	380	327	293	333	13.12	cps
Silver	109-1	203	210	203	206	1.87	cps
Sodium	23-2	22397	22164	22344	22302	0.55	cps
Strontium	86-1	257	397	337	330	21.29	cps
Strontium	88-1	297	330	400	342	15.41	cps
Sulfur	34-1	493180	497864	499830	496958	0.69	cps
Terbium	159-1	19357097	19340561	19363281	19353646	0.06	cps
Terbium	159-2	6117210	5759739	5876494	5917814	3.08	cps
Thallium	203-1	260	280	347	296	15.35	cps
Thallium	205-1	630	617	780	676	13.43	cps
Tin	118-1	1337	1437	1470	1415	4.91	cps
Titanium	47-1	193	187	153	178	12.05	cps
Uranium	238-1	33	43	27	34	24.35	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW Instrumnet Name : P8
Client Sample ID : PBW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:48:17 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	10	13	12	15.73	cps
Ytterbium	172-1	133	123	107	121	11.12	cps
Ytterbium	172-2	23	50	47	40	36.33	cps
Ytterbium	176-1	2677	2430	2507	2538	4.98	cps
Ytterbium	176-2	347	290	340	326	9.51	cps
Yttrium	89-1	27494970	26969521	27350914	27271802	1.00	cps
Yttrium	89-2	1962711	1810525	1811757	1861664	4.70	cps
Zinc	66-2	400	367	447	404	9.94	cps
Zirconium	90-1	833	980	890	901	8.21	cps
Zirconium	91-1	193	177	197	189	5.67	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3593403	3602966	3563583	3586651	0.57	cps
Antimony	121-1	7300388	7238014	7251199	7263200	0.45	cps
Arsenic	75-2	134955	135480	136631	135689	0.63	cps
Barium	135-1	9542373	9541674	9488342	9524130	0.33	cps
Barium	137-1	16532616	16682195	16528424	16581078	0.53	cps
Beryllium	9-1	2822706	2833671	2816161	2824179	0.31	cps
Bismuth	209-1	10390951	10478100	10261097	10376716	1.05	cps
Bismuth	209-2	3622243	3760499	3839187	3740643	2.94	cps
Bromine	81-1	7565	7786	7839	7730	1.88	cps
Cadmium	108-1	154080	151694	150440	152072	1.22	cps
Cadmium	106-1	217814	219799	219087	218900	0.46	cps
Cadmium	111-1	1786885	1769313	1796393	1784197	0.77	cps
Calcium	43-1	13743759	13711800	13709998	13721852	0.14	cps
Calcium	44-1	225504977	224662770	224349057	224838934	0.27	cps
Carbon	12-1	3988243	4052031	4149740	4063338	2.00	cps
Carbon	12-2	34434	34096	34410	34313	0.55	cps
Chlorine	35-1	113218	113564	114418	113733	0.54	cps
Chlorine	35-2	457	523	460	480	7.83	cps
Chromium	52-2	1688583	1679104	1664723	1677470	0.72	cps
Cobalt	59-2	2954508	3011149	2963262	2976306	1.02	cps
Copper	63-2	21108140	21318541	21290462	21239047	0.54	cps
Dysprosium	156-1	377	500	500	459	15.52	cps
Dysprosium	156-2	123	113	80	106	21.50	cps
Erbium	164-1	413	437	477	442	7.24	cps
Erbium	164-2	83	123	153	120	29.27	cps
Gadolinium	160-1	453	360	367	393	13.24	cps
Gadolinium	160-2	133	117	120	123	7.15	cps
Holmium	165-1	18443113	18206833	18323366	18324437	0.64	cps
Holmium	165-2	5705492	5821457	5977191	5834713	2.34	cps
Indium	115-1	13346092	13244690	13105320	13232034	0.91	cps
Indium	115-2	1228637	1277283	1304528	1270149	3.03	cps
Iron	54-2	16588524	16620790	16554056	16587790	0.20	cps
Iron	56-2	309148649	304331309	306880755	306786904	0.79	cps
Iron	57-2	7679370	7654829	7641182	7658460	0.25	cps
Krypton	83-1	277	350	260	296	16.20	cps
Lead	206-1	31068800	31123412	31234030	31142080	0.27	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26845555	26941704	26967146	26918135	0.24	cps
Lead	208-1	124609658	124716026	123881126	124402270	0.37	cps
Lithium	6-1	7617038	7696749	7604851	7639546	0.65	cps
Magnesium	24-2	59596664	59386277	59756871	59579937	0.31	cps
Manganese	55-2	7033592	7009388	7083105	7042028	0.53	cps
Molybdenum	94-1	27575283	27444037	27498693	27506004	0.24	cps
Molybdenum	95-1	39204420	39316689	39265254	39262121	0.14	cps
Molybdenum	96-1	43362103	42967529	42956723	43095452	0.54	cps
Molybdenum	97-1	24599967	24282387	24733022	24538459	0.94	cps
Molybdenum	98-1	65354786	64580122	65185241	65040050	0.63	cps
Neodymium	150-1	1003	933	1010	982	4.32	cps
Neodymium	150-2	97	53	67	72	30.73	cps
Nickel	60-2	774789	773981	773472	774080	0.09	cps
Phosphorus	31-2	30833	29908	30950	30563	1.87	cps
Potassium	39-2	17034070	16933899	17242120	17070030	0.92	cps
Rhodium	103-1	11808931	11459160	11505005	11591032	1.64	cps
Rhodium	103-2	4145487	4275988	4309681	4243718	2.04	cps
Scandium	45-1	9951705	9735121	9668989	9785272	1.51	cps
Scandium	45-2	178156	183651	183468	181758	1.72	cps
Selenium	82-1	118148	118558	117348	118018	0.52	cps
Selenium	77-2	1907	2000	2030	1979	3.25	cps
Selenium	78-2	6968	6552	6708	6743	3.12	cps
Silicon	28-1	29984863	29887890	29690510	29854421	0.50	cps
Silver	107-1	9326019	9324154	9235780	9295318	0.55	cps
Silver	109-1	8780828	8700090	8817737	8766218	0.69	cps
Sodium	23-2	117881882	117421935	118825758	118043192	0.61	cps
Strontium	86-1	2826350	2830800	2820686	2825946	0.18	cps
Strontium	88-1	24089773	23921260	23621284	23877439	0.99	cps
Sulfur	34-1	1185797	1156403	1149054	1163751	1.67	cps
Terbium	159-1	18325795	18371580	18302622	18333332	0.19	cps
Terbium	159-2	5531559	5689719	5677219	5632833	1.56	cps
Thallium	203-1	8033671	7985314	7956229	7991738	0.49	cps
Thallium	205-1	18526282	18873436	18922460	18774059	1.15	cps
Tin	118-1	6307841	6209309	6397482	6304877	1.49	cps
Titanium	47-1	12384619	12421041	12413237	12406299	0.15	cps
Uranium	238-1	27153737	27183690	27297737	27211722	0.28	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:51:40 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1282361	1272834	1279360	1278185	0.38	cps
Ytterbium	172-1	427	537	583	516	15.60	cps
Ytterbium	172-2	193	227	207	209	8.03	cps
Ytterbium	176-1	40361	40295	40692	40449	0.53	cps
Ytterbium	176-2	12863	12880	12586	12776	1.29	cps
Yttrium	89-1	25968555	25488320	25138918	25531931	1.63	cps
Yttrium	89-2	1752739	1784888	1834194	1790607	2.29	cps
Zinc	66-2	2241633	2241530	2295293	2259485	1.37	cps
Zirconium	90-1	13953448	14155378	14073831	14060886	0.72	cps
Zirconium	91-1	3086998	3165183	3128684	3126955	1.25	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170	143	163	159	8.73	cps
Antimony	121-1	1923	1597	1397	1639	16.22	cps
Arsenic	75-2	3	13	0	6	124.93	cps
Barium	135-1	487	397	337	407	18.57	cps
Barium	137-1	710	667	623	667	6.50	cps
Beryllium	9-1	722	666	624	671	7.38	cps
Bismuth	209-1	12484237	12262934	12371543	12372905	0.89	cps
Bismuth	209-2	4602964	4672446	4577221	4617544	1.07	cps
Bromine	81-1	7712	8182	8046	7980	3.03	cps
Cadmium	108-1	47	40	23	37	32.79	cps
Cadmium	106-1	8303	8353	8313	8323	0.32	cps
Cadmium	111-1	1781	1736	1740	1752	1.44	cps
Calcium	43-1	857	940	767	854	10.15	cps
Calcium	44-1	17885	16389	14931	16402	9.00	cps
Carbon	12-1	3445500	3408300	3326994	3393598	1.79	cps
Carbon	12-2	24197	23966	23956	24040	0.57	cps
Chlorine	35-1	93509	94150	93288	93649	0.48	cps
Chlorine	35-2	323	290	420	344	19.60	cps
Chromium	52-2	537	577	610	574	6.39	cps
Cobalt	59-2	120	167	107	131	24.03	cps
Copper	63-2	5601	5171	5284	5352	4.17	cps
Dysprosium	156-1	20	23	3	16	68.90	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	130	90	97	106	20.30	cps
Erbium	164-2	30	40	43	38	18.36	cps
Gadolinium	160-1	103	77	97	92	15.05	cps
Gadolinium	160-2	27	10	30	22	48.22	cps
Holmium	165-1	19692061	19359635	19022893	19358197	1.73	cps
Holmium	165-2	6304933	6316126	6264351	6295137	0.43	cps
Indium	115-1	15441705	15227570	15158946	15276074	0.97	cps
Indium	115-2	1490135	1492491	1488657	1490428	0.13	cps
Iron	54-2	827	640	770	746	12.84	cps
Iron	56-2	11094	11134	11151	11127	0.26	cps
Iron	57-2	307	280	313	300	5.88	cps
Krypton	83-1	227	193	187	202	10.60	cps
Lead	206-1	4871	4454	3914	4413	10.87	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4361	3787	3601	3916	10.12	cps
Lead	208-1	19763	17735	16077	17858	10.34	cps
Lithium	6-1	8800640	8693123	8612097	8701954	1.09	cps
Magnesium	24-2	1877	1807	1823	1836	1.99	cps
Manganese	55-2	307	320	237	288	15.56	cps
Molybdenum	94-1	2350	2100	1783	2078	13.67	cps
Molybdenum	95-1	2687	2310	2074	2357	13.13	cps
Molybdenum	96-1	2960	2724	2157	2614	15.80	cps
Molybdenum	97-1	1567	1307	1173	1349	14.83	cps
Molybdenum	98-1	4384	3507	3064	3652	18.40	cps
Neodymium	150-1	20	20	17	19	10.18	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1373	1200	1130	1235	10.15	cps
Phosphorus	31-2	90	33	40	54	56.89	cps
Potassium	39-2	10150	9944	9980	10025	1.10	cps
Rhodium	103-1	14265478	13998849	13985501	14083276	1.12	cps
Rhodium	103-2	5222662	5176700	5166023	5188461	0.58	cps
Scandium	45-1	11032714	10733789	10965614	10910706	1.44	cps
Scandium	45-2	197990	199383	202854	200076	1.25	cps
Selenium	82-1	17	7	47	23	89.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	13	3	7	86.65	cps
Silicon	28-1	447161	445152	442342	444885	0.54	cps
Silver	107-1	1933	1600	1250	1595	21.43	cps
Silver	109-1	1757	1347	1077	1393	24.58	cps
Sodium	23-2	33442	33495	32950	33296	0.90	cps
Strontium	86-1	383	473	350	402	15.86	cps
Strontium	88-1	1257	1127	947	1110	14.02	cps
Sulfur	34-1	410614	414466	417788	414289	0.87	cps
Terbium	159-1	19968796	19685096	19895740	19849877	0.74	cps
Terbium	159-2	6180934	6121681	6181463	6161360	0.56	cps
Thallium	203-1	910	760	757	809	10.83	cps
Thallium	205-1	2224	1994	1643	1954	14.95	cps
Tin	118-1	1663	2171	1690	1842	15.51	cps
Titanium	47-1	730	627	440	599	24.54	cps
Uranium	238-1	1153	843	783	927	21.43	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 14:54:26 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	63	20	39	57.07	cps
Ytterbium	172-1	80	110	113	101	18.16	cps
Ytterbium	172-2	20	43	30	31	37.62	cps
Ytterbium	176-1	2487	2357	2407	2417	2.71	cps
Ytterbium	176-2	343	360	323	342	5.36	cps
Yttrium	89-1	28113411	27494295	27448738	27685482	1.34	cps
Yttrium	89-2	1994683	1956656	1946160	1965833	1.30	cps
Zinc	66-2	383	407	367	386	5.21	cps
Zirconium	90-1	2704	2314	2294	2437	9.49	cps
Zirconium	91-1	630	460	500	530	16.77	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3274	3230	3394	3299	2.57	cps
Antimony	121-1	64859	65790	65231	65294	0.72	cps
Arsenic	75-2	700	680	680	687	1.68	cps
Barium	135-1	82130	84786	84307	83741	1.69	cps
Barium	137-1	147463	147669	146530	147221	0.41	cps
Beryllium	9-1	13517	13885	13610	13670	1.40	cps
Bismuth	209-1	12138962	12108707	11887970	12045213	1.14	cps
Bismuth	209-2	4537699	4639075	4601958	4592911	1.12	cps
Bromine	81-1	7852	8022	7766	7880	1.66	cps
Cadmium	108-1	780	727	710	739	4.95	cps
Cadmium	106-1	10110	9690	9260	9687	4.39	cps
Cadmium	111-1	10132	10376	9954	10154	2.08	cps
Calcium	43-1	62920	63238	63282	63147	0.31	cps
Calcium	44-1	1022158	1030624	1034587	1029123	0.62	cps
Carbon	12-1	3417542	3392252	3360502	3390099	0.84	cps
Carbon	12-2	24093	23579	23566	23746	1.27	cps
Chlorine	35-1	1538099	1710744	1786974	1678606	7.60	cps
Chlorine	35-2	7609	7652	7615	7625	0.31	cps
Chromium	52-2	14864	14978	14734	14859	0.82	cps
Cobalt	59-2	13940	13880	14254	14025	1.43	cps
Copper	63-2	27423	27146	27163	27244	0.57	cps
Dysprosium	156-1	17	30	30	26	30.11	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	140	83	57	93	45.60	cps
Erbium	164-2	57	37	20	38	48.60	cps
Gadolinium	160-1	87	60	80	76	18.37	cps
Gadolinium	160-2	37	20	30	29	29.04	cps
Holmium	165-1	19428068	19256235	18594100	19092801	2.31	cps
Holmium	165-2	6150879	6319931	6160226	6210346	1.53	cps
Indium	115-1	14905574	15129913	14680004	14905163	1.51	cps
Indium	115-2	1469993	1490016	1462353	1474121	0.97	cps
Iron	54-2	62352	61739	62941	62344	0.96	cps
Iron	56-2	1140792	1141963	1140257	1141004	0.08	cps
Iron	57-2	28438	28185	28776	28466	1.04	cps
Krypton	83-1	163	167	187	172	7.33	cps
Lead	206-1	30352	30439	30182	30324	0.43	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26176	26447	27062	26562	1.71	cps
Lead	208-1	121403	121040	122332	121592	0.55	cps
Lithium	6-1	9027651	8951403	8804991	8928015	1.27	cps
Magnesium	24-2	260922	263579	263371	262624	0.56	cps
Manganese	55-2	3197	3384	3474	3352	4.21	cps
Molybdenum	94-1	71402	71666	71107	71392	0.39	cps
Molybdenum	95-1	86490	86577	88379	87148	1.22	cps
Molybdenum	96-1	95727	95478	96941	96049	0.82	cps
Molybdenum	97-1	54041	54684	53820	54182	0.83	cps
Molybdenum	98-1	139546	140546	139974	140022	0.36	cps
Neodymium	150-1	17	20	27	21	24.12	cps
Neodymium	150-2	0	10	10	7	86.60	cps
Nickel	60-2	5071	5184	4964	5073	2.17	cps
Phosphorus	31-2	253	227	223	234	7.01	cps
Potassium	39-2	160057	158722	159423	159400	0.42	cps
Rhodium	103-1	13975595	13860702	13561348	13799215	1.55	cps
Rhodium	103-2	5156256	5282609	5046409	5161758	2.29	cps
Scandium	45-1	10794798	10725312	10476083	10665398	1.57	cps
Scandium	45-2	198869	202624	199521	200338	1.00	cps
Selenium	82-1	2907	2847	2907	2887	1.20	cps
Selenium	77-2	27	30	67	41	53.99	cps
Selenium	78-2	187	160	133	160	16.67	cps
Silicon	28-1	800406	800476	796098	798993	0.31	cps
Silver	107-1	44033	44455	45204	44564	1.33	cps
Silver	109-1	42007	42860	42525	42464	1.01	cps
Sodium	23-2	552978	547691	545785	548818	0.68	cps
Strontium	86-1	12099	12346	12139	12194	1.09	cps
Strontium	88-1	101398	100649	102905	101651	1.13	cps
Sulfur	34-1	500163	497635	496759	498186	0.35	cps
Terbium	159-1	19525983	19634270	19239073	19466442	1.05	cps
Terbium	159-2	6141736	6190606	6182759	6171700	0.43	cps
Thallium	203-1	35906	36304	36712	36307	1.11	cps
Thallium	205-1	84781	87254	86093	86043	1.44	cps
Tin	118-1	143900	142233	143112	143081	0.58	cps
Titanium	47-1	28812	28856	28956	28875	0.26	cps
Uranium	238-1	115104	114416	117214	115578	1.26	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW Instrumnet Name : P8
Client Sample ID : LCSW Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:25:30 DataFile Name : 039LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28769	28929	28478	28725	0.80	cps
Ytterbium	172-1	150	123	90	121	24.82	cps
Ytterbium	172-2	30	37	77	48	52.83	cps
Ytterbium	176-1	2587	2847	2707	2714	4.80	cps
Ytterbium	176-2	353	433	437	408	11.57	cps
Yttrium	89-1	27857020	27405052	26531585	27264552	2.47	cps
Yttrium	89-2	1950318	1940154	1923820	1938097	0.69	cps
Zinc	66-2	6211	5915	5961	6029	2.65	cps
Zirconium	90-1	61726	61635	63015	62125	1.24	cps
Zirconium	91-1	13774	14081	13543	13799	1.95	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:28:50 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70	87	100	86	17.57	cps
Antimony	121-1	120	90	70	93	26.96	cps
Arsenic	75-2	3	3	0	2	86.60	cps
Barium	135-1	250	247	233	243	3.62	cps
Barium	137-1	367	353	440	387	12.07	cps
Beryllium	9-1	284	320	272	292	8.50	cps
Bismuth	209-1	12520727	12390657	12366364	12425916	0.67	cps
Bismuth	209-2	4583804	4592024	4503185	4559671	1.08	cps
Bromine	81-1	7746	7679	7602	7676	0.94	cps
Cadmium	108-1	23	20	23	22	8.65	cps
Cadmium	106-1	9040	8883	8770	8897	1.52	cps
Cadmium	111-1	1798	1776	1738	1771	1.73	cps
Calcium	43-1	480	440	453	458	4.45	cps
Calcium	44-1	10140	9687	9920	9916	2.29	cps
Carbon	12-1	3313622	3285821	3273853	3291098	0.62	cps
Carbon	12-2	23095	23185	23102	23127	0.22	cps
Chlorine	35-1	219355	200468	185033	201619	8.53	cps
Chlorine	35-2	600	590	660	617	6.14	cps
Chromium	52-2	470	517	573	520	9.95	cps
Cobalt	59-2	83	60	53	66	24.03	cps
Copper	63-2	4121	3854	4114	4029	3.78	cps
Dysprosium	156-1	3	10	20	11	75.52	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	120	110	110	113	5.09	cps
Erbium	164-2	40	30	33	34	14.78	cps
Gadolinium	160-1	113	53	80	82	36.57	cps
Gadolinium	160-2	17	10	10	12	31.50	cps
Holmium	165-1	19606604	19405403	19387074	19466361	0.63	cps
Holmium	165-2	6275471	6284115	6159524	6239703	1.11	cps
Indium	115-1	15470183	15217066	15162720	15283323	1.07	cps
Indium	115-2	1465819	1473321	1461242	1466794	0.42	cps
Iron	54-2	290	233	290	271	12.07	cps
Iron	56-2	3407	3424	3424	3418	0.28	cps
Iron	57-2	117	113	63	98	30.56	cps
Krypton	83-1	217	143	167	176	21.34	cps
Lead	206-1	1617	1700	1623	1647	2.81	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:28:50 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1457	1373	1383	1405	3.24	cps
Lead	208-1	6474	6614	6427	6505	1.49	cps
Lithium	6-1	9058012	9025794	8924266	9002691	0.78	cps
Magnesium	24-2	613	647	593	618	4.36	cps
Manganese	55-2	57	67	67	63	9.12	cps
Molybdenum	94-1	357	327	383	356	7.97	cps
Molybdenum	95-1	170	140	150	153	9.96	cps
Molybdenum	96-1	210	157	263	210	25.40	cps
Molybdenum	97-1	73	33	70	59	37.69	cps
Molybdenum	98-1	190	200	267	219	19.04	cps
Neodymium	150-1	13	7	17	12	41.65	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1163	1107	1413	1228	13.29	cps
Phosphorus	31-2	53	57	53	54	3.54	cps
Potassium	39-2	8296	8839	8639	8592	3.20	cps
Rhodium	103-1	14327017	13993530	14016940	14112496	1.32	cps
Rhodium	103-2	5106653	5151513	5136618	5131595	0.45	cps
Scandium	45-1	10942303	10836327	10845140	10874590	0.54	cps
Scandium	45-2	195895	201011	200451	199119	1.41	cps
Selenium	82-1	-17	30	40	18	170.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	0	0	1	173.21	cps
Silicon	28-1	435525	435866	435526	435639	0.05	cps
Silver	107-1	490	383	400	424	13.52	cps
Silver	109-1	233	253	227	238	5.84	cps
Sodium	23-2	22344	22795	22881	22673	1.27	cps
Strontium	86-1	280	420	310	337	21.89	cps
Strontium	88-1	317	270	323	303	9.58	cps
Sulfur	34-1	484417	481865	479380	481887	0.52	cps
Terbium	159-1	20402525	19574741	19892404	19956557	2.09	cps
Terbium	159-2	6100841	6136773	6185058	6140891	0.69	cps
Thallium	203-1	460	403	470	444	8.09	cps
Thallium	205-1	1097	860	947	968	12.37	cps
Tin	118-1	1500	1557	1470	1509	2.92	cps
Titanium	47-1	197	163	183	181	9.26	cps
Uranium	238-1	33	27	20	27	24.99	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS Instrumnet Name : P8
Client Sample ID : PBS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:28:50 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	20	0	10	100.00	cps
Ytterbium	172-1	153	100	143	132	21.44	cps
Ytterbium	172-2	30	43	40	38	18.36	cps
Ytterbium	176-1	2614	2554	2497	2555	2.28	cps
Ytterbium	176-2	330	390	373	364	8.50	cps
Yttrium	89-1	28052177	27564310	27361421	27659303	1.28	cps
Yttrium	89-2	1925974	1943623	1919085	1929561	0.66	cps
Zinc	66-2	383	333	420	379	11.48	cps
Zirconium	90-1	977	893	1023	964	6.83	cps
Zirconium	91-1	170	173	180	174	2.92	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3427	3437	3144	3336	4.99	cps
Antimony	121-1	64880	64832	65539	65084	0.61	cps
Arsenic	75-2	587	703	700	663	10.01	cps
Barium	135-1	83357	83234	84994	83862	1.17	cps
Barium	137-1	145054	148201	145931	146395	1.11	cps
Beryllium	9-1	13766	13720	13646	13710	0.44	cps
Bismuth	209-1	12372911	12142226	12372149	12295762	1.08	cps
Bismuth	209-2	4311452	4481995	4487416	4426954	2.26	cps
Bromine	81-1	7776	7552	7369	7565	2.69	cps
Cadmium	108-1	673	770	697	713	7.07	cps
Cadmium	106-1	10020	9357	9897	9758	3.62	cps
Cadmium	111-1	10212	10065	10121	10133	0.73	cps
Calcium	43-1	62612	61983	63462	62686	1.18	cps
Calcium	44-1	1012963	1015945	1019731	1016213	0.33	cps
Carbon	12-1	3493644	3410645	3394977	3433089	1.54	cps
Carbon	12-2	23506	23779	23556	23613	0.62	cps
Chlorine	35-1	1632809	1835985	1913518	1794104	8.08	cps
Chlorine	35-2	7759	8089	8196	8015	2.84	cps
Chromium	52-2	15171	14571	14761	14834	2.07	cps
Cobalt	59-2	13873	13690	13904	13822	0.84	cps
Copper	63-2	27199	26708	27396	27101	1.31	cps
Dysprosium	156-1	33	20	30	28	24.98	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	97	80	70	82	16.39	cps
Erbium	164-2	17	40	27	28	42.13	cps
Gadolinium	160-1	83	70	73	76	9.18	cps
Gadolinium	160-2	17	23	23	21	18.21	cps
Holmium	165-1	19240182	19155478	19432677	19276112	0.74	cps
Holmium	165-2	5853948	6227684	6145301	6075645	3.23	cps
Indium	115-1	15243135	15148962	15291955	15228017	0.48	cps
Indium	115-2	1381048	1451748	1459795	1430863	3.03	cps
Iron	54-2	62074	62328	60979	61794	1.16	cps
Iron	56-2	1135365	1134692	1131306	1133788	0.19	cps
Iron	57-2	28405	28078	28332	28271	0.61	cps
Krypton	83-1	143	227	193	188	22.34	cps
Lead	206-1	30847	31144	30536	30842	0.99	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26664	26437	26227	26443	0.83	cps
Lead	208-1	120818	121347	121664	121276	0.35	cps
Lithium	6-1	9046264	9090210	9035184	9057219	0.32	cps
Magnesium	24-2	262513	260626	260366	261169	0.45	cps
Manganese	55-2	3160	3290	3287	3246	2.28	cps
Molybdenum	94-1	70092	70022	71341	70485	1.05	cps
Molybdenum	95-1	86339	85222	85266	85609	0.74	cps
Molybdenum	96-1	94290	95388	94760	94813	0.58	cps
Molybdenum	97-1	52917	53034	53814	53255	0.92	cps
Molybdenum	98-1	137951	138294	138385	138210	0.17	cps
Neodymium	150-1	37	43	27	36	23.58	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	4991	5101	4851	4981	2.52	cps
Phosphorus	31-2	223	220	237	227	3.89	cps
Potassium	39-2	157576	158657	156377	157537	0.72	cps
Rhodium	103-1	14056894	14064263	14059536	14060231	0.03	cps
Rhodium	103-2	4888306	5145982	5076531	5036940	2.65	cps
Scandium	45-1	10998736	10751192	10893827	10881252	1.14	cps
Scandium	45-2	187449	196403	198366	194073	3.00	cps
Selenium	82-1	2937	2847	2867	2884	1.64	cps
Selenium	77-2	40	33	40	38	10.19	cps
Selenium	78-2	160	213	153	176	18.73	cps
Silicon	28-1	796031	797352	793253	795545	0.26	cps
Silver	107-1	43866	44518	44505	44296	0.84	cps
Silver	109-1	41452	41907	42462	41940	1.21	cps
Sodium	23-2	543775	547067	547878	546240	0.40	cps
Strontium	86-1	11765	11878	11982	11875	0.91	cps
Strontium	88-1	98692	100098	100508	99766	0.95	cps
Sulfur	34-1	484217	483298	478939	482151	0.58	cps
Terbium	159-1	20142124	19879965	19756011	19926034	0.99	cps
Terbium	159-2	5641069	6044271	6108998	5931446	4.27	cps
Thallium	203-1	35756	36067	36548	36123	1.10	cps
Thallium	205-1	83966	85761	85030	84919	1.06	cps
Tin	118-1	141704	141640	142139	141828	0.19	cps
Titanium	47-1	28408	28345	29357	28703	1.97	cps
Uranium	238-1	113363	115703	114116	114394	1.04	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS Instrumnet Name : P8
Client Sample ID : LCSS Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:32:13 DataFile Name : 041LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	28351	28094	28131	28192	0.49	cps
Ytterbium	172-1	77	93	87	86	9.80	cps
Ytterbium	172-2	60	33	27	40	44.09	cps
Ytterbium	176-1	2874	2697	2580	2717	5.44	cps
Ytterbium	176-2	347	390	447	394	12.71	cps
Yttrium	89-1	27613223	27608045	28184908	27802058	1.19	cps
Yttrium	89-2	1820895	1878619	1908899	1869471	2.39	cps
Zinc	66-2	5821	5671	5688	5727	1.44	cps
Zirconium	90-1	60969	61358	61113	61147	0.32	cps
Zirconium	91-1	13283	13680	13370	13444	1.55	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:35:34 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	107	67	86	23.48	cps
Antimony	121-1	103	70	70	81	23.73	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	243	207	320	257	22.53	cps
Barium	137-1	373	363	383	373	2.68	cps
Beryllium	9-1	267	306	270	281	7.71	cps
Bismuth	209-1	12353679	12329131	12133880	12272230	0.98	cps
Bismuth	209-2	4587727	4636000	4541129	4588285	1.03	cps
Bromine	81-1	7355	7392	7629	7459	1.99	cps
Cadmium	108-1	17	17	17	17	0.00	cps
Cadmium	106-1	8413	8236	8669	8439	2.58	cps
Cadmium	111-1	1691	1656	1732	1693	2.27	cps
Calcium	43-1	470	633	440	514	20.23	cps
Calcium	44-1	10274	10050	9800	10041	2.36	cps
Carbon	12-1	3343158	3305685	3283335	3310726	0.91	cps
Carbon	12-2	22618	23065	22587	22757	1.18	cps
Chlorine	35-1	209531	193863	178915	194103	7.89	cps
Chlorine	35-2	653	647	587	629	5.84	cps
Chromium	52-2	513	543	487	514	5.51	cps
Cobalt	59-2	57	50	70	59	17.29	cps
Copper	63-2	4187	4297	4224	4236	1.32	cps
Dysprosium	156-1	20	17	27	21	24.12	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	87	103	117	102	14.70	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-1	67	87	97	83	18.33	cps
Gadolinium	160-2	17	13	17	16	12.40	cps
Holmium	165-1	19442411	19314877	19050957	19269415	1.04	cps
Holmium	165-2	6259696	6336630	6198813	6265046	1.10	cps
Indium	115-1	15116875	14790838	14696750	14868154	1.48	cps
Indium	115-2	1461674	1472679	1461845	1465399	0.43	cps
Iron	54-2	317	237	347	300	18.95	cps
Iron	56-2	3217	3497	3234	3316	4.74	cps
Iron	57-2	97	103	60	87	26.93	cps
Krypton	83-1	180	183	190	184	2.76	cps
Lead	206-1	1547	1460	1533	1513	3.08	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:35:34 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1383	1290	1387	1353	4.05	cps
Lead	208-1	6271	6134	5904	6103	3.04	cps
Lithium	6-1	9056802	9108865	8940177	9035281	0.96	cps
Magnesium	24-2	627	510	570	569	10.26	cps
Manganese	55-2	40	107	50	66	54.84	cps
Molybdenum	94-1	403	407	403	404	0.48	cps
Molybdenum	95-1	127	120	167	138	18.32	cps
Molybdenum	96-1	233	220	180	211	13.15	cps
Molybdenum	97-1	97	83	70	83	16.00	cps
Molybdenum	98-1	260	207	220	229	12.13	cps
Neodymium	150-1	13	7	17	12	41.65	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	1320	1273	1190	1261	5.22	cps
Phosphorus	31-2	50	33	53	46	23.52	cps
Potassium	39-2	8836	8633	8779	8749	1.20	cps
Rhodium	103-1	13918123	13826795	13742490	13829136	0.64	cps
Rhodium	103-2	5143987	5242125	5132855	5172989	1.16	cps
Scandium	45-1	10844537	10751276	10632514	10742776	0.99	cps
Scandium	45-2	199277	201488	199017	199928	0.68	cps
Selenium	82-1	-7	-10	47	10	317.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	10	6	69.34	cps
Silicon	28-1	432378	435937	435396	434570	0.44	cps
Silver	107-1	467	337	327	377	20.74	cps
Silver	109-1	293	260	227	260	12.82	cps
Sodium	23-2	21593	21920	21720	21744	0.76	cps
Strontium	86-1	307	387	377	357	12.22	cps
Strontium	88-1	337	303	347	329	6.90	cps
Sulfur	34-1	474642	471424	471102	472389	0.41	cps
Terbium	159-1	19490806	19872495	19267795	19543698	1.56	cps
Terbium	159-2	6104491	6186007	6090403	6126967	0.84	cps
Thallium	203-1	413	377	337	376	10.21	cps
Thallium	205-1	917	883	890	897	1.97	cps
Tin	118-1	1523	1320	1420	1421	7.15	cps
Titanium	47-1	180	120	167	156	20.25	cps
Uranium	238-1	63	40	37	47	31.13	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBS 6020 Instrumnet Name : P8
Client Sample ID : PBS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:35:34 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	10	10	10	0.00	cps
Ytterbium	172-1	120	123	100	114	11.03	cps
Ytterbium	172-2	20	33	37	30	29.40	cps
Ytterbium	176-1	2484	2570	2367	2474	4.13	cps
Ytterbium	176-2	330	277	313	307	8.90	cps
Yttrium	89-1	27141705	27279350	27223410	27214822	0.25	cps
Yttrium	89-2	1929036	1932808	1948259	1936701	0.53	cps
Zinc	66-2	320	383	323	342	10.41	cps
Zirconium	90-1	920	1060	1010	997	7.12	cps
Zirconium	91-1	210	213	170	198	12.19	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	729034	737667	731911	732871	0.60	cps
Antimony	121-1	8061880	8057899	8086101	8068626	0.19	cps
Arsenic	75-2	148647	148388	148500	148512	0.09	cps
Barium	135-1	10158574	10119243	10346591	10208136	1.19	cps
Barium	137-1	17474108	17600578	17703442	17592709	0.65	cps
Beryllium	9-1	3032923	3040268	3049237	3040810	0.27	cps
Bismuth	209-1	11429259	11412313	11782781	11541451	1.81	cps
Bismuth	209-2	4223382	4268481	4272956	4254940	0.64	cps
Bromine	81-1	7282	7249	7769	7433	3.92	cps
Cadmium	108-1	167052	166974	170003	168010	1.03	cps
Cadmium	106-1	244448	245207	246277	245310	0.37	cps
Cadmium	111-1	2033650	2009378	2012509	2018512	0.65	cps
Calcium	43-1	2916352	3000931	3001755	2973013	1.65	cps
Calcium	44-1	47297353	48050909	47776219	47708160	0.80	cps
Carbon	12-1	3959030	3954553	4021413	3978332	0.94	cps
Carbon	12-2	29991	30585	30178	30251	1.00	cps
Chlorine	35-1	147707	149614	148000	148440	0.69	cps
Chlorine	35-2	560	633	597	597	6.14	cps
Chromium	52-2	1839862	1820135	1822347	1827448	0.59	cps
Cobalt	59-2	3301988	3326072	3233073	3287044	1.47	cps
Copper	63-2	24240504	24310215	24407291	24319337	0.34	cps
Dysprosium	156-1	220	190	227	212	9.20	cps
Dysprosium	156-2	37	27	33	32	15.80	cps
Erbium	164-1	230	190	200	207	10.08	cps
Erbium	164-2	77	43	47	56	33.05	cps
Gadolinium	160-1	133	143	123	133	7.50	cps
Gadolinium	160-2	37	43	47	42	12.06	cps
Holmium	165-1	18923018	18782132	19398737	19034629	1.70	cps
Holmium	165-2	6169129	6121380	6298431	6196314	1.48	cps
Indium	115-1	14058244	13981270	14623221	14220912	2.46	cps
Indium	115-2	1369113	1374647	1400532	1381431	1.21	cps
Iron	54-2	3707912	3673064	3674966	3685314	0.53	cps
Iron	56-2	65628859	66383629	65436612	65816367	0.76	cps
Iron	57-2	1665300	1692822	1706321	1688148	1.24	cps
Krypton	83-1	230	217	197	214	7.82	cps
Lead	206-1	33640912	34308980	34046723	33998872	0.99	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28857614	29031609	29385765	29091663	0.93	cps
Lead	208-1	134183033	134556866	135452667	134730855	0.48	cps
Lithium	6-1	8305969	8377709	8424712	8369463	0.71	cps
Magnesium	24-2	12801150	12833929	12859686	12831588	0.23	cps
Manganese	55-2	7641133	7669144	7524981	7611753	1.00	cps
Molybdenum	94-1	28794393	28851284	28769965	28805214	0.14	cps
Molybdenum	95-1	42269295	41973041	41770490	42004275	0.60	cps
Molybdenum	96-1	46014614	46023679	46147131	46061808	0.16	cps
Molybdenum	97-1	25712351	25929411	26297438	25979734	1.14	cps
Molybdenum	98-1	67354799	68373667	68976834	68235100	1.20	cps
Neodymium	150-1	783	837	837	819	3.76	cps
Neodymium	150-2	47	20	20	29	53.30	cps
Nickel	60-2	872778	879585	878184	876849	0.41	cps
Phosphorus	31-2	32423	33068	32319	32603	1.24	cps
Potassium	39-2	3624751	3647877	3641854	3638161	0.33	cps
Rhodium	103-1	12755011	12677849	13299411	12910757	2.62	cps
Rhodium	103-2	4693482	4695057	4814041	4734194	1.46	cps
Scandium	45-1	10337126	10276538	10678113	10430592	2.08	cps
Scandium	45-2	192815	194413	196697	194642	1.00	cps
Selenium	82-1	130492	130684	131690	130956	0.49	cps
Selenium	77-2	2217	2074	2397	2229	7.27	cps
Selenium	78-2	7899	7449	7522	7623	3.17	cps
Silicon	28-1	19955516	19925961	19796891	19892789	0.42	cps
Silver	107-1	10814082	10667822	10877214	10786373	1.00	cps
Silver	109-1	10129959	10019013	10238339	10129104	1.08	cps
Sodium	23-2	25124889	25236006	25231529	25197475	0.25	cps
Strontium	86-1	2937754	3014548	3055935	3002746	2.00	cps
Strontium	88-1	25587638	25437116	25855725	25626827	0.83	cps
Sulfur	34-1	1200154	1213111	1214814	1209359	0.66	cps
Terbium	159-1	19261249	19188973	19842086	19430770	1.84	cps
Terbium	159-2	5977189	5998722	6143908	6039940	1.50	cps
Thallium	203-1	8683631	8699874	8718169	8700558	0.20	cps
Thallium	205-1	20479510	20736418	20575962	20597296	0.63	cps
Tin	118-1	6861604	6950393	6874258	6895419	0.70	cps
Titanium	47-1	13058201	13111376	13094903	13088160	0.21	cps
Uranium	238-1	28220811	27917064	28274776	28137550	0.69	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020-01 Instrumnet Name : P8
Client Sample ID : LCSS 6020-01 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:38:57 DataFile Name : 043LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1393660	1384998	1371844	1383501	0.79	cps
Ytterbium	172-1	197	237	157	197	20.34	cps
Ytterbium	172-2	67	87	87	80	14.43	cps
Ytterbium	176-1	39770	41391	40402	40521	2.02	cps
Ytterbium	176-2	13123	13594	13741	13486	2.39	cps
Yttrium	89-1	26058718	26097649	27360597	26505655	2.79	cps
Yttrium	89-2	1831159	1837111	1929688	1865986	2.96	cps
Zinc	66-2	2536326	2571910	2570220	2559485	0.78	cps
Zirconium	90-1	14509919	14474959	14674124	14553001	0.73	cps
Zirconium	91-1	3304233	3295960	3246180	3282124	0.96	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:41:40 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	133	103	116	13.63	cps
Antimony	121-1	1273	1290	1240	1268	2.01	cps
Arsenic	75-2	3	7	10	7	50.03	cps
Barium	135-1	497	530	450	492	8.16	cps
Barium	137-1	783	577	670	677	15.29	cps
Beryllium	9-1	615	562	614	597	5.02	cps
Bismuth	209-1	9857480	11707945	12215225	11260217	11.02	cps
Bismuth	209-2	4571820	4485740	4509729	4522430	0.98	cps
Bromine	81-1	7802	8086	7856	7915	1.90	cps
Cadmium	108-1	37	23	40	33	26.47	cps
Cadmium	106-1	6688	7846	8169	7568	10.29	cps
Cadmium	111-1	1465	1676	1676	1606	7.57	cps
Calcium	43-1	630	567	603	600	5.30	cps
Calcium	44-1	11815	11268	11265	11449	2.77	cps
Carbon	12-1	3311995	3237693	3214914	3254867	1.56	cps
Carbon	12-2	22604	22594	22020	22406	1.49	cps
Chlorine	35-1	114061	112442	111562	112688	1.12	cps
Chlorine	35-2	430	470	373	424	11.44	cps
Chromium	52-2	467	497	577	513	11.08	cps
Cobalt	59-2	167	163	203	178	12.48	cps
Copper	63-2	5194	5324	5181	5233	1.51	cps
Dysprosium	156-1	13	13	10	12	15.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	63	103	83	83	24.01	cps
Erbium	164-2	47	30	40	39	21.57	cps
Gadolinium	160-1	67	67	80	71	10.82	cps
Gadolinium	160-2	20	10	27	19	44.42	cps
Holmium	165-1	15541896	18797670	19203303	17847623	11.25	cps
Holmium	165-2	6150879	6200402	6105181	6152154	0.77	cps
Indium	115-1	11863034	14569664	14734276	13722325	11.75	cps
Indium	115-2	1449061	1443468	1441722	1444750	0.27	cps
Iron	54-2	380	403	413	399	4.29	cps
Iron	56-2	4974	4824	5114	4971	2.92	cps
Iron	57-2	123	123	137	128	6.02	cps
Krypton	83-1	183	230	237	217	13.41	cps
Lead	206-1	3544	3404	3230	3393	4.63	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:41:40 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3290	2884	2810	2995	8.64	cps
Lead	208-1	14960	13550	12976	13829	7.38	cps
Lithium	6-1	6995089	8451338	8689096	8045174	11.40	cps
Magnesium	24-2	797	713	757	756	5.52	cps
Manganese	55-2	390	343	347	360	7.23	cps
Molybdenum	94-1	1790	1497	1337	1541	14.92	cps
Molybdenum	95-1	2257	1907	1950	2038	9.36	cps
Molybdenum	96-1	2374	2040	2054	2156	8.76	cps
Molybdenum	97-1	1607	1120	1077	1268	23.21	cps
Molybdenum	98-1	3927	3007	2957	3297	16.57	cps
Neodymium	150-1	10	7	10	9	21.63	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	1323	1273	1337	1311	2.55	cps
Phosphorus	31-2	43	57	70	57	23.53	cps
Potassium	39-2	9537	9453	9220	9403	1.75	cps
Rhodium	103-1	11104975	13522401	13983868	12870415	12.01	cps
Rhodium	103-2	5088415	5076969	5125066	5096817	0.49	cps
Scandium	45-1	8408743	10239570	10605610	9751308	12.07	cps
Scandium	45-2	196193	196348	192895	195145	1.00	cps
Selenium	82-1	97	-3	-13	27	228.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	3	3	3	0.00	cps
Silicon	28-1	463310	453050	446579	454313	1.86	cps
Silver	107-1	1580	1257	1110	1316	18.28	cps
Silver	109-1	1350	1160	983	1165	15.75	cps
Sodium	23-2	26080	25713	25576	25790	1.01	cps
Strontium	86-1	497	467	377	447	13.98	cps
Strontium	88-1	1123	803	863	930	18.29	cps
Sulfur	34-1	421355	430059	428410	426608	1.08	cps
Terbium	159-1	15607267	18996878	19425148	18009764	11.61	cps
Terbium	159-2	6064837	6172157	6061862	6099619	1.03	cps
Thallium	203-1	963	840	763	856	11.79	cps
Thallium	205-1	2100	1857	1964	1974	6.18	cps
Tin	118-1	1717	1640	1743	1700	3.16	cps
Titanium	47-1	583	543	463	530	11.53	cps
Uranium	238-1	990	670	780	813	19.99	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 6020 Instrumnet Name : P8
Client Sample ID : PBW 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:41:40 DataFile Name : 044CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	30	27	28	6.92	cps
Ytterbium	172-1	100	120	133	118	14.25	cps
Ytterbium	172-2	37	30	43	37	18.18	cps
Ytterbium	176-1	2107	2410	2517	2345	9.07	cps
Ytterbium	176-2	317	327	303	316	3.71	cps
Yttrium	89-1	21856867	26500782	27281650	25213100	11.63	cps
Yttrium	89-2	1931690	1891408	1890636	1904578	1.23	cps
Zinc	66-2	483	470	437	463	5.19	cps
Zirconium	90-1	1367	1370	1203	1313	7.25	cps
Zirconium	91-1	280	273	213	256	14.37	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	732637	721755	728831	727741	0.76	cps
Antimony	121-1	8165249	8194464	8258757	8206157	0.58	cps
Arsenic	75-2	148877	147607	149443	148642	0.63	cps
Barium	135-1	10270169	10320938	10298673	10296593	0.25	cps
Barium	137-1	17766748	18255150	17528142	17850013	2.08	cps
Beryllium	9-1	3045675	3061038	3019811	3042175	0.68	cps
Bismuth	209-1	11331457	11391362	11608209	11443676	1.27	cps
Bismuth	209-2	4215596	4884324	4612149	4570690	7.36	cps
Bromine	81-1	8092	8006	7852	7983	1.52	cps
Cadmium	108-1	170318	169738	171654	170570	0.58	cps
Cadmium	106-1	243364	246495	247988	245949	0.96	cps
Cadmium	111-1	2017429	2064294	2037292	2039672	1.15	cps
Calcium	43-1	3006993	3002467	2981571	2997010	0.45	cps
Calcium	44-1	48453344	48652999	48072959	48393101	0.61	cps
Carbon	12-1	3967785	4044044	4060835	4024221	1.23	cps
Carbon	12-2	30515	30381	29864	30253	1.14	cps
Chlorine	35-1	127841	128783	127872	128165	0.42	cps
Chlorine	35-2	537	520	517	524	2.04	cps
Chromium	52-2	1824594	1749478	1766815	1780296	2.21	cps
Cobalt	59-2	3358745	3292622	3344176	3331848	1.04	cps
Copper	63-2	24262900	23897892	24107963	24089585	0.76	cps
Dysprosium	156-1	283	197	203	228	21.17	cps
Dysprosium	156-2	13	53	30	32	62.36	cps
Erbium	164-1	163	180	200	181	10.13	cps
Erbium	164-2	40	70	67	59	27.92	cps
Gadolinium	160-1	183	223	150	186	19.79	cps
Gadolinium	160-2	53	40	67	53	25.00	cps
Holmium	165-1	19015032	19120986	19129453	19088491	0.33	cps
Holmium	165-2	6155701	7194526	6686889	6679038	7.78	cps
Indium	115-1	14126045	14295282	14194446	14205257	0.60	cps
Indium	115-2	1354848	1599932	1520244	1491675	8.38	cps
Iron	54-2	3681685	3604713	3568137	3618178	1.60	cps
Iron	56-2	66576857	65899346	66028042	66168082	0.54	cps
Iron	57-2	1664294	1657488	1677118	1666300	0.60	cps
Krypton	83-1	167	210	227	201	15.40	cps
Lead	206-1	34094527	34729424	34460518	34428156	0.93	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	29243670	29542915	29354428	29380338	0.51	cps
Lead	208-1	134925061	136035843	135992590	135651165	0.46	cps
Lithium	6-1	8257986	8239383	8330978	8276116	0.58	cps
Magnesium	24-2	12581908	12550149	12756634	12629563	0.88	cps
Manganese	55-2	7704249	7660518	7605254	7656674	0.65	cps
Molybdenum	94-1	29282486	29268300	29096677	29215821	0.35	cps
Molybdenum	95-1	41996321	42342550	42993888	42444253	1.19	cps
Molybdenum	96-1	46197653	45776101	47006256	46326670	1.35	cps
Molybdenum	97-1	25853516	25956846	26514207	26108190	1.36	cps
Molybdenum	98-1	68499206	69524457	69179612	69067758	0.76	cps
Neodymium	150-1	883	827	887	866	3.90	cps
Neodymium	150-2	33	40	50	41	20.41	cps
Nickel	60-2	875975	876285	872300	874853	0.25	cps
Phosphorus	31-2	33930	33084	33492	33502	1.26	cps
Potassium	39-2	3601293	3593210	3575559	3590021	0.37	cps
Rhodium	103-1	12648235	12593109	12938986	12726776	1.46	cps
Rhodium	103-2	4753849	5384213	5205842	5114635	6.35	cps
Scandium	45-1	10250321	10285464	10446625	10327470	1.01	cps
Scandium	45-2	192906	223842	211470	209406	7.44	cps
Selenium	82-1	132925	133423	134405	133584	0.56	cps
Selenium	77-2	2280	2127	2384	2264	5.71	cps
Selenium	78-2	7415	7445	7192	7351	1.88	cps
Silicon	28-1	23068830	23354585	23122782	23182066	0.65	cps
Silver	107-1	10661132	10769886	10855519	10762179	0.91	cps
Silver	109-1	10230564	10182856	10401545	10271655	1.12	cps
Sodium	23-2	25048808	24685952	24788622	24841127	0.75	cps
Strontium	86-1	3025758	3062395	3044509	3044221	0.60	cps
Strontium	88-1	25478667	25497675	25901900	25626081	0.93	cps
Sulfur	34-1	1229799	1232019	1252657	1238158	1.02	cps
Terbium	159-1	18788028	19371585	19720907	19293507	2.44	cps
Terbium	159-2	6032975	7040551	6607367	6560298	7.70	cps
Thallium	203-1	8634199	8840233	8882726	8785720	1.51	cps
Thallium	205-1	20682238	20710622	21009920	20800927	0.87	cps
Tin	118-1	7007646	6974050	7050185	7010627	0.54	cps
Titanium	47-1	13228234	13328216	13197369	13251273	0.52	cps
Uranium	238-1	28015079	28203070	28100594	28106248	0.33	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSS 6020 Instrumnet Name : P8
Client Sample ID : LCSS 6020 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:45:03 DataFile Name : 045LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1385037	1363143	1378283	1375488	0.82	cps
Ytterbium	172-1	157	250	237	214	23.54	cps
Ytterbium	172-2	70	73	100	81	20.27	cps
Ytterbium	176-1	42124	42418	42070	42204	0.44	cps
Ytterbium	176-2	13430	12993	13630	13351	2.44	cps
Yttrium	89-1	26440108	26708293	26820772	26656391	0.73	cps
Yttrium	89-2	1890727	2173600	2064798	2043042	6.98	cps
Zinc	66-2	2600698	2558232	2607580	2588837	1.03	cps
Zirconium	90-1	14734444	14900949	14852062	14829151	0.58	cps
Zirconium	91-1	3324914	3294361	3316836	3312037	0.48	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:47:45 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	103	87	97	9.12	cps
Antimony	121-1	1490	1307	1303	1367	7.82	cps
Arsenic	75-2	10	0	7	6	91.64	cps
Barium	135-1	413	363	337	371	10.49	cps
Barium	137-1	590	590	643	608	5.07	cps
Beryllium	9-1	740	690	695	708	3.89	cps
Bismuth	209-1	12647513	12021870	12126669	12265351	2.73	cps
Bismuth	209-2	4474426	4426212	4349732	4416790	1.42	cps
Bromine	81-1	7649	7949	7859	7819	1.97	cps
Cadmium	108-1	23	30	30	28	13.86	cps
Cadmium	106-1	8669	8473	8366	8503	1.81	cps
Cadmium	111-1	1814	1764	1749	1776	1.93	cps
Calcium	43-1	650	620	630	633	2.41	cps
Calcium	44-1	11605	11495	11024	11375	2.71	cps
Carbon	12-1	3272895	3246646	3231515	3250352	0.64	cps
Carbon	12-2	22621	21759	22224	22201	1.94	cps
Chlorine	35-1	95727	94982	92251	94320	1.94	cps
Chlorine	35-2	353	350	313	339	6.55	cps
Chromium	52-2	540	493	550	528	5.73	cps
Cobalt	59-2	170	133	183	162	15.96	cps
Copper	63-2	5044	4818	4821	4894	2.66	cps
Dysprosium	156-1	17	13	13	14	13.35	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	77	77	83	79	4.87	cps
Erbium	164-2	27	40	27	31	24.74	cps
Gadolinium	160-1	90	100	110	100	10.00	cps
Gadolinium	160-2	13	17	23	18	28.64	cps
Holmium	165-1	19857926	18866616	19236105	19320216	2.59	cps
Holmium	165-2	6151083	6013211	5930605	6031633	1.85	cps
Indium	115-1	15234087	14551617	14821815	14869173	2.31	cps
Indium	115-2	1409217	1388081	1402248	1399849	0.77	cps
Iron	54-2	337	357	357	350	3.30	cps
Iron	56-2	4711	4654	4617	4661	1.01	cps
Iron	57-2	137	83	130	117	24.91	cps
Krypton	83-1	180	183	203	189	6.68	cps
Lead	206-1	3971	3781	3567	3773	5.35	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:47:45 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3167	3294	2924	3128	6.01	cps
Lead	208-1	15334	14820	14083	14746	4.26	cps
Lithium	6-1	8732864	8426622	8399443	8519643	2.17	cps
Magnesium	24-2	717	677	697	697	2.87	cps
Manganese	55-2	330	330	423	361	14.92	cps
Molybdenum	94-1	1510	1283	1430	1408	8.17	cps
Molybdenum	95-1	1677	1567	1817	1687	7.43	cps
Molybdenum	96-1	2024	1970	1927	1973	2.45	cps
Molybdenum	97-1	1047	1113	1023	1061	4.40	cps
Molybdenum	98-1	2787	2770	2724	2760	1.19	cps
Neodymium	150-1	27	20	17	21	24.12	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1307	1180	1177	1221	6.07	cps
Phosphorus	31-2	33	57	43	44	26.35	cps
Potassium	39-2	9573	9056	9343	9324	2.78	cps
Rhodium	103-1	14082407	13595863	13616040	13764770	2.00	cps
Rhodium	103-2	5078544	4911182	4905669	4965132	1.98	cps
Scandium	45-1	10893279	10389476	10537401	10606719	2.44	cps
Scandium	45-2	189593	185244	190423	188420	1.48	cps
Selenium	82-1	23	30	23	26	15.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	3	0	1	173.21	cps
Silicon	28-1	456193	447292	439810	447765	1.83	cps
Silver	107-1	1637	1307	1043	1329	22.37	cps
Silver	109-1	1280	1073	913	1089	16.88	cps
Sodium	23-2	26975	27085	26484	26848	1.19	cps
Strontium	86-1	347	387	370	368	5.46	cps
Strontium	88-1	717	790	800	769	5.92	cps
Sulfur	34-1	436240	437914	434604	436253	0.38	cps
Terbium	159-1	19921253	19180251	19571822	19557776	1.90	cps
Terbium	159-2	5949214	5919578	5988375	5952389	0.58	cps
Thallium	203-1	817	830	763	803	4.39	cps
Thallium	205-1	1990	1883	1780	1885	5.57	cps
Tin	118-1	1810	1860	1860	1843	1.57	cps
Titanium	47-1	473	527	467	489	6.73	cps
Uranium	238-1	637	787	637	687	12.61	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PBW 200.8 Instrumnet Name : P8
Client Sample ID : PBW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:47:45 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	37	33	37	9.10	cps
Ytterbium	172-1	103	93	93	97	5.97	cps
Ytterbium	172-2	33	37	43	38	13.48	cps
Ytterbium	176-1	2584	2330	2347	2420	5.86	cps
Ytterbium	176-2	270	377	333	327	16.42	cps
Yttrium	89-1	27653107	26794542	26991955	27146535	1.66	cps
Yttrium	89-2	1860217	1818877	1870916	1850003	1.49	cps
Zinc	66-2	450	477	573	500	12.98	cps
Zirconium	90-1	1253	1127	1233	1205	5.65	cps
Zirconium	91-1	243	300	323	289	14.24	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710009	699666	713673	707782	1.03	cps
Antimony	121-1	7837548	7923840	7999684	7920357	1.02	cps
Arsenic	75-2	143384	143432	144546	143787	0.46	cps
Barium	135-1	9934703	10006178	10050098	9996993	0.58	cps
Barium	137-1	17072672	17574840	17802060	17483191	2.13	cps
Beryllium	9-1	2924757	2972725	2970172	2955885	0.91	cps
Bismuth	209-1	11375354	11368514	11441982	11395283	0.36	cps
Bismuth	209-2	4211003	4078444	4176094	4155180	1.65	cps
Bromine	81-1	7826	8146	7555	7842	3.77	cps
Cadmium	108-1	164121	168304	166766	166397	1.27	cps
Cadmium	106-1	236851	239647	240217	238905	0.75	cps
Cadmium	111-1	1980863	1999636	1970540	1983680	0.74	cps
Calcium	43-1	2891279	2858035	2911086	2886800	0.93	cps
Calcium	44-1	46894419	47252776	47382631	47176609	0.54	cps
Carbon	12-1	3832495	3876402	3923696	3877531	1.18	cps
Carbon	12-2	29196	29253	28955	29134	0.54	cps
Chlorine	35-1	102083	102513	102849	102481	0.37	cps
Chlorine	35-2	400	503	403	436	13.48	cps
Chromium	52-2	1768634	1753428	1764950	1762337	0.45	cps
Cobalt	59-2	3251161	3201176	3192322	3214887	0.99	cps
Copper	63-2	23462530	23582335	23602090	23548985	0.32	cps
Dysprosium	156-1	207	163	210	193	13.46	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	213	223	183	207	10.07	cps
Erbium	164-2	67	60	30	52	37.40	cps
Gadolinium	160-1	183	150	147	160	12.67	cps
Gadolinium	160-2	73	70	47	63	22.94	cps
Holmium	165-1	18749808	19014848	19420390	19061682	1.77	cps
Holmium	165-2	6045148	6005360	6085989	6045499	0.67	cps
Indium	115-1	13886359	14092808	14282261	14087143	1.41	cps
Indium	115-2	1343403	1346492	1357336	1349077	0.54	cps
Iron	54-2	3506411	3536870	3603683	3548988	1.40	cps
Iron	56-2	64970079	63485457	64425292	64293610	1.17	cps
Iron	57-2	1653198	1625379	1631010	1636529	0.90	cps
Krypton	83-1	227	243	260	243	6.85	cps
Lead	206-1	33433796	33284046	33772068	33496637	0.75	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28632597	28867416	29153376	28884463	0.90	cps
Lead	208-1	132593041	133575636	134076911	133415196	0.57	cps
Lithium	6-1	8182239	8165211	8193507	8180319	0.17	cps
Magnesium	24-2	12361098	12540871	12390996	12430989	0.77	cps
Manganese	55-2	7468547	7331572	7366645	7388921	0.96	cps
Molybdenum	94-1	28522485	28523225	28659488	28568400	0.28	cps
Molybdenum	95-1	41045106	41410396	41372388	41275963	0.49	cps
Molybdenum	96-1	44592839	45277336	45296399	45055525	0.89	cps
Molybdenum	97-1	25352629	25270718	25799801	25474383	1.12	cps
Molybdenum	98-1	67044356	66861997	67849146	67251833	0.78	cps
Neodymium	150-1	833	1007	770	870	14.08	cps
Neodymium	150-2	33	33	33	33	0.00	cps
Nickel	60-2	854020	850970	852207	852399	0.18	cps
Phosphorus	31-2	32540	31605	31538	31894	1.76	cps
Potassium	39-2	3539393	3475432	3544724	3519850	1.10	cps
Rhodium	103-1	12597748	12643543	12865803	12702365	1.13	cps
Rhodium	103-2	4620670	4664970	4646505	4644048	0.48	cps
Scandium	45-1	10203937	10440562	10168709	10271069	1.44	cps
Scandium	45-2	190731	191183	192062	191325	0.35	cps
Selenium	82-1	129190	128248	130072	129170	0.71	cps
Selenium	77-2	2184	2144	2297	2208	3.60	cps
Selenium	78-2	7012	7272	7345	7210	2.43	cps
Silicon	28-1	21784080	21861831	21804702	21816871	0.18	cps
Silver	107-1	10487492	10814430	10532199	10611374	1.67	cps
Silver	109-1	9921231	10195985	10024330	10047182	1.38	cps
Sodium	23-2	24458426	24478296	24258508	24398410	0.50	cps
Strontium	86-1	2903260	2906432	2990617	2933436	1.69	cps
Strontium	88-1	24694600	25354395	25255437	25101477	1.42	cps
Sulfur	34-1	1183984	1201377	1193480	1192947	0.73	cps
Terbium	159-1	19248466	19103660	19399473	19250533	0.77	cps
Terbium	159-2	5889231	5957882	5932553	5926555	0.59	cps
Thallium	203-1	8530332	8455433	8682204	8555990	1.35	cps
Thallium	205-1	20262404	20284854	20593879	20380379	0.91	cps
Tin	118-1	6736718	6753436	6864089	6784748	1.02	cps
Titanium	47-1	12886494	12927159	12950905	12921520	0.25	cps
Uranium	238-1	27818272	28319890	27887965	28008709	0.97	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : LCSW 200.8 Instrumnet Name : P8
Client Sample ID : LCSW 200.8 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:51:09 DataFile Name : 047LCSW.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1333000	1346503	1334985	1338162	0.54	cps
Ytterbium	172-1	187	193	180	187	3.57	cps
Ytterbium	172-2	77	67	63	69	10.08	cps
Ytterbium	176-1	40649	40873	41144	40889	0.61	cps
Ytterbium	176-2	13233	12870	13003	13035	1.41	cps
Yttrium	89-1	26338483	26697339	26490057	26508626	0.68	cps
Yttrium	89-2	1826883	1797272	1833830	1819328	1.07	cps
Zinc	66-2	2522803	2496637	2491014	2503485	0.68	cps
Zirconium	90-1	14359384	14356200	14384551	14366711	0.11	cps
Zirconium	91-1	3210424	3291000	3195737	3232387	1.59	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:53:51 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3534153	3567349	3538417	3546640	0.51	cps
Antimony	121-1	7207627	7225504	7180438	7204523	0.31	cps
Arsenic	75-2	132004	132825	132907	132579	0.38	cps
Barium	135-1	9327000	9362011	9442557	9377189	0.63	cps
Barium	137-1	16271504	16315556	16257508	16281523	0.19	cps
Beryllium	9-1	2782013	2717150	2730308	2743157	1.25	cps
Bismuth	209-1	10136167	10263813	10177934	10192638	0.64	cps
Bismuth	209-2	3724526	3783167	3821999	3776564	1.30	cps
Bromine	81-1	7936	7799	7892	7876	0.89	cps
Cadmium	108-1	148806	148887	147883	148525	0.38	cps
Cadmium	106-1	214798	216129	216548	215825	0.42	cps
Cadmium	111-1	1738908	1759610	1762185	1753568	0.73	cps
Calcium	43-1	13604313	13529038	13498992	13544115	0.40	cps
Calcium	44-1	220026510	223431197	221203877	221553861	0.78	cps
Carbon	12-1	3925505	3973062	4047595	3982054	1.55	cps
Carbon	12-2	33916	33475	33685	33692	0.65	cps
Chlorine	35-1	103081	104839	104329	104083	0.87	cps
Chlorine	35-2	403	450	417	423	5.68	cps
Chromium	52-2	1660101	1624563	1642506	1642390	1.08	cps
Cobalt	59-2	2905349	2910271	2924659	2913426	0.34	cps
Copper	63-2	20810636	20994104	20958693	20921144	0.47	cps
Dysprosium	156-1	433	487	453	458	5.89	cps
Dysprosium	156-2	113	110	73	99	22.45	cps
Erbium	164-1	453	457	470	460	1.92	cps
Erbium	164-2	200	147	147	164	18.72	cps
Gadolinium	160-1	410	390	337	379	10.01	cps
Gadolinium	160-2	140	143	113	132	12.43	cps
Holmium	165-1	18245916	17922801	18243326	18137348	1.02	cps
Holmium	165-2	5715892	5782223	5781724	5759946	0.66	cps
Indium	115-1	13076991	12957853	12890190	12975011	0.73	cps
Indium	115-2	1265484	1265766	1265993	1265747	0.02	cps
Iron	54-2	16302746	16377609	16489129	16389828	0.57	cps
Iron	56-2	298827842	301581689	300397029	300268853	0.46	cps
Iron	57-2	7601385	7505072	7585196	7563884	0.68	cps
Krypton	83-1	277	340	250	289	16.00	cps
Lead	206-1	30611938	30885999	30722205	30740047	0.45	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:53:51 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26093690	26467590	26409526	26323602	0.76	cps
Lead	208-1	121463067	122118547	121850572	121810728	0.27	cps
Lithium	6-1	7622338	7575648	7565705	7587897	0.40	cps
Magnesium	24-2	58384461	58812732	58635572	58610922	0.37	cps
Manganese	55-2	6768394	6987933	7008029	6921452	1.92	cps
Molybdenum	94-1	26937969	26855800	27019090	26937620	0.30	cps
Molybdenum	95-1	38641480	38797620	39344544	38927882	0.95	cps
Molybdenum	96-1	42408050	42573841	42703859	42561917	0.35	cps
Molybdenum	97-1	23971389	24159799	24165633	24098940	0.46	cps
Molybdenum	98-1	63405377	63548886	63622981	63525748	0.17	cps
Neodymium	150-1	930	920	977	942	3.21	cps
Neodymium	150-2	60	80	83	74	16.95	cps
Nickel	60-2	753219	758473	761448	757713	0.55	cps
Phosphorus	31-2	29827	30312	29680	29940	1.10	cps
Potassium	39-2	16888626	16867402	16825415	16860481	0.19	cps
Rhodium	103-1	11374628	11470265	11298803	11381232	0.75	cps
Rhodium	103-2	4203946	4180982	4185043	4189991	0.29	cps
Scandium	45-1	9736960	9749058	9614493	9700170	0.77	cps
Scandium	45-2	184265	180913	182320	182499	0.92	cps
Selenium	82-1	115423	115520	115627	115523	0.09	cps
Selenium	77-2	2064	1950	1923	1979	3.76	cps
Selenium	78-2	6578	6398	6665	6547	2.08	cps
Silicon	28-1	29227990	28998401	29049816	29092069	0.41	cps
Silver	107-1	9200797	9210063	9300192	9237017	0.59	cps
Silver	109-1	8621482	8778242	8793956	8731227	1.09	cps
Sodium	23-2	117256532	116346325	116072682	116558513	0.53	cps
Strontium	86-1	2792354	2782871	2758955	2778060	0.62	cps
Strontium	88-1	23562476	23721594	23696545	23660205	0.36	cps
Sulfur	34-1	1119252	1125554	1119032	1121279	0.33	cps
Terbium	159-1	18445959	18401371	18542152	18463161	0.39	cps
Terbium	159-2	5663697	5638897	5693752	5665449	0.48	cps
Thallium	203-1	7839833	8018327	7869993	7909384	1.21	cps
Thallium	205-1	18736636	18846278	18445859	18676258	1.11	cps
Tin	118-1	6125063	6339378	6236959	6233800	1.72	cps
Titanium	47-1	12264159	12131441	12076383	12157327	0.79	cps
Uranium	238-1	26430468	26696795	26684430	26603898	0.57	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV003 Instrumnet Name : P8
Client Sample ID : CCV003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:53:51 DataFile Name : 048CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1249766	1252049	1254030	1251948	0.17	cps
Ytterbium	172-1	547	497	510	518	5.00	cps
Ytterbium	172-2	143	160	207	170	19.31	cps
Ytterbium	176-1	39335	40552	39880	39922	1.53	cps
Ytterbium	176-2	12676	12446	12706	12609	1.13	cps
Yttrium	89-1	25125334	25119380	24938940	25061218	0.42	cps
Yttrium	89-2	1771243	1783411	1770968	1775207	0.40	cps
Zinc	66-2	2206567	2210706	2208067	2208447	0.09	cps
Zirconium	90-1	13785496	13760554	13934569	13826873	0.68	cps
Zirconium	91-1	3072957	3092007	3152758	3105907	1.34	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:56:40 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	177	147	123	149	17.96	cps
Antimony	121-1	2770	2104	1903	2259	20.09	cps
Arsenic	75-2	7	0	10	6	91.64	cps
Barium	135-1	1273	960	580	938	37.02	cps
Barium	137-1	2150	1570	893	1538	40.90	cps
Beryllium	9-1	1216	1031	995	1081	10.98	cps
Bismuth	209-1	12179361	11910681	11850855	11980299	1.46	cps
Bismuth	209-2	4442375	4396546	4462362	4433761	0.76	cps
Bromine	81-1	7869	7589	7726	7728	1.81	cps
Cadmium	108-1	53	37	23	38	39.79	cps
Cadmium	106-1	8376	8369	8062	8269	2.17	cps
Cadmium	111-1	1938	1835	1740	1837	5.40	cps
Calcium	43-1	1683	1343	987	1338	26.04	cps
Calcium	44-1	29758	22521	16813	23031	28.17	cps
Carbon	12-1	3395101	3352904	3334725	3360910	0.92	cps
Carbon	12-2	23142	22975	23228	23115	0.56	cps
Chlorine	35-1	82992	82047	81424	82154	0.96	cps
Chlorine	35-2	253	383	290	309	21.70	cps
Chromium	52-2	630	590	563	594	5.64	cps
Cobalt	59-2	150	140	170	153	9.96	cps
Copper	63-2	4944	4687	4684	4772	3.13	cps
Dysprosium	156-1	7	23	13	14	58.06	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	90	80	97	89	9.44	cps
Erbium	164-2	43	47	40	43	7.70	cps
Gadolinium	160-1	83	70	80	78	8.92	cps
Gadolinium	160-2	17	13	3	11	62.48	cps
Holmium	165-1	19267548	18831794	18838130	18979157	1.32	cps
Holmium	165-2	6081463	6032587	6138781	6084277	0.87	cps
Indium	115-1	15296813	14681646	14689978	14889479	2.37	cps
Indium	115-2	1402850	1412619	1422795	1412754	0.71	cps
Iron	54-2	627	507	590	574	10.71	cps
Iron	56-2	9757	8623	7916	8765	10.60	cps
Iron	57-2	263	230	167	220	22.32	cps
Krypton	83-1	123	207	160	163	25.57	cps
Lead	206-1	7943	6482	5244	6556	20.60	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB003 Instrumnet Name : P8
Client Sample ID : CCB003 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 15:56:40 DataFile Name : 049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6939	5468	4498	5635	21.81	cps
Lead	208-1	31916	25220	20683	25940	21.78	cps
Lithium	6-1	8550759	8363019	8287095	8400291	1.62	cps
Magnesium	24-2	1553	1230	1137	1307	16.73	cps
Manganese	55-2	323	273	277	291	9.60	cps
Molybdenum	94-1	4514	3074	2377	3322	32.81	cps
Molybdenum	95-1	5501	4011	2904	4138	31.50	cps
Molybdenum	96-1	6165	4497	3134	4599	33.01	cps
Molybdenum	97-1	3474	2487	1713	2558	34.49	cps
Molybdenum	98-1	8706	6218	4541	6488	32.30	cps
Neodymium	150-1	13	17	10	13	25.01	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	1213	1233	1283	1243	2.90	cps
Phosphorus	31-2	77	53	37	56	36.17	cps
Potassium	39-2	9994	10044	9733	9923	1.68	cps
Rhodium	103-1	13764335	13578745	13420421	13587834	1.27	cps
Rhodium	103-2	4960820	4986952	5081712	5009828	1.27	cps
Scandium	45-1	10637862	10393433	10265956	10432417	1.81	cps
Scandium	45-2	186344	188647	189509	188167	0.87	cps
Selenium	82-1	137	40	53	77	68.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	13	0	6	124.93	cps
Silicon	28-1	452535	442212	438840	444529	1.61	cps
Silver	107-1	2604	1843	1377	1941	31.90	cps
Silver	109-1	2320	1773	1303	1799	28.29	cps
Sodium	23-2	35694	34918	34350	34987	1.93	cps
Strontium	86-1	573	590	430	531	16.56	cps
Strontium	88-1	2980	1937	1323	2080	40.27	cps
Sulfur	34-1	411226	405160	406487	407624	0.78	cps
Terbium	159-1	19830155	19242754	19154013	19408974	1.89	cps
Terbium	159-2	5908483	5948447	5937006	5931312	0.35	cps
Thallium	203-1	1587	1270	1067	1308	20.04	cps
Thallium	205-1	4074	3160	2544	3259	23.62	cps
Tin	118-1	2444	2067	1860	2124	13.93	cps
Titanium	47-1	1550	1140	737	1142	35.60	cps
Uranium	238-1	3240	2064	1350	2218	43.04	cps

LB Number :

LB134335

Operator :

Jaswal

Lab Sample ID :

CCB003

Instrumnet Name :

P8

Client Sample ID :

CCB003

Dilution Factor :

1

Date & Time Acquired :

2025-01-17 15:56:40

DataFile Name :

049CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	30	23	23	28.56	cps
Ytterbium	172-1	113	87	97	99	13.62	cps
Ytterbium	172-2	37	43	50	43	15.38	cps
Ytterbium	176-1	2470	2504	2350	2441	3.30	cps
Ytterbium	176-2	267	350	380	332	17.68	cps
Yttrium	89-1	27380925	26738835	26478313	26866024	1.73	cps
Yttrium	89-2	1831509	1872465	1852601	1852192	1.11	cps
Zinc	66-2	420	453	403	426	5.98	cps
Zirconium	90-1	3721	2997	2120	2946	27.20	cps
Zirconium	91-1	797	587	427	603	30.76	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BL Instrumnet Name : P8
Client Sample ID : PBW066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:47:36 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	90	57	100	82	27.59	cps
Antimony	121-1	167	147	137	150	10.18	cps
Arsenic	75-2	7	0	0	2	173.21	cps
Barium	135-1	440	400	403	414	5.36	cps
Barium	137-1	777	657	697	710	8.61	cps
Beryllium	9-1	329	291	307	309	6.08	cps
Bismuth	209-1	11627773	11655155	11692563	11658497	0.28	cps
Bismuth	209-2	4229177	4293495	4319632	4280768	1.09	cps
Bromine	81-1	6735	6698	6722	6718	0.28	cps
Cadmium	108-1	30	13	27	23	37.81	cps
Cadmium	106-1	8243	8199	8166	8203	0.47	cps
Cadmium	111-1	1638	1637	1618	1631	0.69	cps
Calcium	43-1	490	517	553	520	6.12	cps
Calcium	44-1	9823	9934	9860	9872	0.57	cps
Carbon	12-1	3156445	3128347	3097572	3127455	0.94	cps
Carbon	12-2	22461	22123	22664	22416	1.22	cps
Chlorine	35-1	63187	64195	63077	63486	0.97	cps
Chlorine	35-2	187	250	223	220	14.45	cps
Chromium	52-2	520	533	497	517	3.59	cps
Cobalt	59-2	73	83	127	94	30.02	cps
Copper	63-2	3504	3580	3440	3508	2.00	cps
Dysprosium	156-1	20	23	10	18	39.03	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	90	100	137	109	22.57	cps
Erbium	164-2	63	30	23	39	55.11	cps
Gadolinium	160-1	83	80	80	81	2.37	cps
Gadolinium	160-2	30	20	13	21	39.75	cps
Holmium	165-1	18203674	18176272	18156400	18178782	0.13	cps
Holmium	165-2	5657983	5777605	5787432	5741007	1.26	cps
Indium	115-1	13967755	13980030	14073968	14007251	0.41	cps
Indium	115-2	1328763	1346556	1346289	1340536	0.76	cps
Iron	54-2	277	287	293	286	2.94	cps
Iron	56-2	3130	2960	3170	3087	3.61	cps
Iron	57-2	67	93	57	72	26.24	cps
Krypton	83-1	207	197	180	194	6.93	cps
Lead	206-1	1567	1573	1533	1558	1.38	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BL Instrumnet Name : P8
Client Sample ID : PBW066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:47:36 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1263	1190	1253	1236	3.22	cps
Lead	208-1	5994	5874	5964	5944	1.05	cps
Lithium	6-1	8337666	8351261	8296631	8328519	0.34	cps
Magnesium	24-2	490	420	457	456	7.69	cps
Manganese	55-2	113	133	107	118	11.79	cps
Molybdenum	94-1	380	410	343	378	8.84	cps
Molybdenum	95-1	183	210	190	194	7.14	cps
Molybdenum	96-1	237	267	250	251	5.99	cps
Molybdenum	97-1	127	120	107	118	8.65	cps
Molybdenum	98-1	287	247	300	278	9.99	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1150	1187	1120	1152	2.90	cps
Phosphorus	31-2	40	63	53	52	22.41	cps
Potassium	39-2	8289	8092	7902	8095	2.39	cps
Rhodium	103-1	12959285	13008051	12792151	12919829	0.88	cps
Rhodium	103-2	4641586	4804117	4788662	4744789	1.89	cps
Scandium	45-1	9771232	9916744	10002370	9896782	1.18	cps
Scandium	45-2	181034	180954	182462	181483	0.47	cps
Selenium	82-1	-20	-20	10	-10	-173.21	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	0	7	4	86.60	cps
Silicon	28-1	400621	403045	400696	401454	0.34	cps
Silver	107-1	257	207	210	224	12.46	cps
Silver	109-1	80	67	123	90	32.92	cps
Sodium	23-2	21022	21306	21239	21189	0.70	cps
Strontium	86-1	290	300	277	289	4.05	cps
Strontium	88-1	337	380	270	329	16.85	cps
Sulfur	34-1	463563	468015	466736	466105	0.49	cps
Terbium	159-1	18654918	18714845	18850440	18740068	0.53	cps
Terbium	159-2	5754867	5715340	5751637	5740615	0.38	cps
Thallium	203-1	320	247	240	269	16.51	cps
Thallium	205-1	693	627	567	629	10.08	cps
Tin	118-1	1383	1290	1353	1342	3.55	cps
Titanium	47-1	187	180	183	183	1.82	cps
Uranium	238-1	73	30	40	48	47.49	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BL Instrumnet Name : P8
Client Sample ID : PBW066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:47:36 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3	7	10	7	50.03	cps
Ytterbium	172-1	93	73	117	94	22.97	cps
Ytterbium	172-2	33	37	60	43	33.53	cps
Ytterbium	176-1	2340	2230	2264	2278	2.48	cps
Ytterbium	176-2	407	437	427	423	3.61	cps
Yttrium	89-1	25361381	25281891	25348963	25330745	0.17	cps
Yttrium	89-2	1780577	1758169	1731189	1756645	1.41	cps
Zinc	66-2	383	373	357	371	3.63	cps
Zirconium	90-1	937	897	820	884	6.70	cps
Zirconium	91-1	197	240	127	188	30.45	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	709099	709251	707797	708716	0.11	cps
Antimony	121-1	7564578	7739776	7848139	7717498	1.85	cps
Arsenic	75-2	142397	143933	143488	143273	0.55	cps
Barium	135-1	9603988	9783436	9877050	9754825	1.42	cps
Barium	137-1	16577094	16964976	17274686	16938919	2.06	cps
Beryllium	9-1	2907526	2903604	2925117	2912082	0.39	cps
Bismuth	209-1	12340213	11612567	11200664	11717815	4.92	cps
Bismuth	209-2	4154116	4190602	4243251	4195989	1.07	cps
Bromine	81-1	6822	7329	7279	7143	3.91	cps
Cadmium	108-1	161997	165113	166390	164500	1.37	cps
Cadmium	106-1	233933	239550	239686	237723	1.38	cps
Cadmium	111-1	1900201	1968663	1937736	1935533	1.77	cps
Calcium	43-1	2811744	2847265	2837571	2832193	0.65	cps
Calcium	44-1	45103519	45952618	46374938	45810358	1.41	cps
Carbon	12-1	3686551	3770872	3819214	3758879	1.79	cps
Carbon	12-2	28324	28995	29106	28808	1.47	cps
Chlorine	35-1	86540	89716	89437	88564	1.99	cps
Chlorine	35-2	363	347	417	376	9.74	cps
Chromium	52-2	1745040	1688258	1721926	1718408	1.66	cps
Cobalt	59-2	3166620	3171592	3173558	3170590	0.11	cps
Copper	63-2	23039139	23412488	23291728	23247785	0.82	cps
Dysprosium	156-1	197	203	217	206	4.95	cps
Dysprosium	156-2	40	17	33	30	40.05	cps
Erbium	164-1	207	277	140	208	32.89	cps
Erbium	164-2	43	43	43	43	0.00	cps
Gadolinium	160-1	163	133	147	148	10.17	cps
Gadolinium	160-2	37	33	47	39	17.85	cps
Holmium	165-1	20436916	19150060	18507045	19364674	5.07	cps
Holmium	165-2	6022520	6013211	6106548	6047426	0.85	cps
Indium	115-1	15223899	14380943	13756968	14453936	5.09	cps
Indium	115-2	1327314	1343327	1353271	1341304	0.98	cps
Iron	54-2	3461246	3488377	3458757	3469460	0.47	cps
Iron	56-2	64012139	63134241	63517792	63554724	0.69	cps
Iron	57-2	1625740	1611226	1611212	1616059	0.52	cps
Krypton	83-1	180	207	197	194	6.93	cps
Lead	206-1	32727562	33284736	33623659	33211986	1.36	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	28042064	28476965	28748100	28422376	1.25	cps
Lead	208-1	129612910	131654275	132931816	131399667	1.27	cps
Lithium	6-1	8753888	8451432	8182364	8462561	3.38	cps
Magnesium	24-2	12241071	12328294	12333239	12300868	0.42	cps
Manganese	55-2	7278236	7191563	7267334	7245711	0.65	cps
Molybdenum	94-1	27157115	27785028	27997575	27646573	1.58	cps
Molybdenum	95-1	39758219	40183460	40555252	40165644	0.99	cps
Molybdenum	96-1	43318576	44667848	44547229	44177884	1.69	cps
Molybdenum	97-1	24680122	25220241	25152649	25017671	1.18	cps
Molybdenum	98-1	64690474	66173532	66443801	65769269	1.44	cps
Neodymium	150-1	863	860	840	854	1.48	cps
Neodymium	150-2	47	37	27	37	27.27	cps
Nickel	60-2	849394	849447	850102	849647	0.05	cps
Phosphorus	31-2	31695	32009	31451	31718	0.88	cps
Potassium	39-2	3437205	3461671	3510100	3469659	1.07	cps
Rhodium	103-1	13547496	12934764	12494899	12992386	4.07	cps
Rhodium	103-2	4550222	4599720	4677450	4609130	1.39	cps
Scandium	45-1	11036869	10271570	9907299	10405246	5.54	cps
Scandium	45-2	187128	187351	189144	187874	0.59	cps
Selenium	82-1	125675	125988	129039	126900	1.46	cps
Selenium	77-2	2084	2160	2180	2141	2.38	cps
Selenium	78-2	7455	7345	7105	7302	2.45	cps
Silicon	28-1	21761354	22009291	22129930	21966858	0.86	cps
Silver	107-1	10083147	10331562	10423427	10279379	1.71	cps
Silver	109-1	9745716	9942645	9739653	9809338	1.18	cps
Sodium	23-2	24197937	24055704	24054629	24102757	0.34	cps
Strontium	86-1	2806653	2886652	2941574	2878293	2.36	cps
Strontium	88-1	24067195	24756394	24717862	24513817	1.58	cps
Sulfur	34-1	1184045	1188075	1159434	1177185	1.32	cps
Terbium	159-1	20856725	19479111	18799959	19711932	5.32	cps
Terbium	159-2	5901914	5885636	5839668	5875739	0.55	cps
Thallium	203-1	8454944	8603649	8625736	8561443	1.08	cps
Thallium	205-1	19797826	19949644	20338566	20028679	1.39	cps
Tin	118-1	6541304	6734695	6647272	6641091	1.46	cps
Titanium	47-1	12322721	12536588	12808136	12555815	1.94	cps
Uranium	238-1	27238054	27448517	27648837	27445136	0.75	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166066BS Instrumnet Name : P8
Client Sample ID : LCS066 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 16:50:58 DataFile Name : 051LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1303402	1304165	1305266	1304278	0.07	cps
Ytterbium	172-1	237	217	277	243	12.55	cps
Ytterbium	172-2	70	103	63	79	27.17	cps
Ytterbium	176-1	40087	39643	40157	39962	0.70	cps
Ytterbium	176-2	12766	13227	12840	12944	1.91	cps
Yttrium	89-1	28213985	26474859	25747623	26812155	4.73	cps
Yttrium	89-2	1808685	1806565	1812259	1809170	0.16	cps
Zinc	66-2	2489565	2499328	2489944	2492946	0.22	cps
Zirconium	90-1	13774947	13978341	13992300	13915196	0.87	cps
Zirconium	91-1	3122673	3136730	3168722	3142708	0.75	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1092-01DLX5 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:53:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81577	84775	84034	83462	2.01	cps
Antimony	121-1	38524	39183	39413	39040	1.18	cps
Arsenic	75-2	1560	1593	1593	1582	1.22	cps
Barium	135-1	265617	264427	264184	264743	0.29	cps
Barium	137-1	466590	467266	464334	466063	0.33	cps
Beryllium	9-1	1704	1672	1636	1671	2.02	cps
Bismuth	209-1	10583504	10153210	10304622	10347112	2.11	cps
Bismuth	209-2	3795171	3751688	3727423	3758094	0.91	cps
Bromine	81-1	27190	29895	31155	29413	6.89	cps
Cadmium	108-1	1507	1663	1553	1575	5.11	cps
Cadmium	106-1	10311	10007	10501	10273	2.42	cps
Cadmium	111-1	14054	14204	14379	14212	1.15	cps
Calcium	43-1	726977	725987	732610	728525	0.49	cps
Calcium	44-1	12035894	11943216	12242560	12073890	1.27	cps
Carbon	12-1	389555821	421882060	435892900	415776927	5.72	cps
Carbon	12-2	2840412	2811765	2829714	2827297	0.51	cps
Chlorine	35-1	44723808	48409884	50489796	47874496	6.10	cps
Chlorine	35-2	208797	212754	211674	211075	0.97	cps
Chromium	52-2	34542	35367	34752	34887	1.23	cps
Cobalt	59-2	19216	19427	20094	19579	2.34	cps
Copper	63-2	619294	622057	622470	621274	0.28	cps
Dysprosium	156-1	9644	9727	9654	9675	0.47	cps
Dysprosium	156-2	3110	3054	3047	3070	1.13	cps
Erbium	164-1	8993	9237	9307	9179	1.79	cps
Erbium	164-2	2990	2964	2750	2901	4.53	cps
Gadolinium	160-1	9687	9457	9560	9568	1.20	cps
Gadolinium	160-2	3691	3744	3654	3696	1.22	cps
Holmium	165-1	18269112	17640882	17580898	17830298	2.14	cps
Holmium	165-2	5644369	5512815	5563649	5573611	1.19	cps
Indium	115-1	13409614	13025311	12853632	13096186	2.17	cps
Indium	115-2	1249263	1252649	1244990	1248967	0.31	cps
Iron	54-2	596544	603236	597098	598959	0.62	cps
Iron	56-2	11089137	11008615	11075132	11057628	0.39	cps
Iron	57-2	273386	277105	278012	276168	0.89	cps
Krypton	83-1	190	197	250	212	15.50	cps
Lead	206-1	1011840	1016934	1026771	1018515	0.75	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1092-01DLX5 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:53:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	855061	851390	861697	856049	0.61	cps
Lead	208-1	4023671	4062987	4075501	4054053	0.67	cps
Lithium	6-1	7726505	7316888	7350108	7464500	3.05	cps
Magnesium	24-2	607191	612923	605683	608599	0.63	cps
Manganese	55-2	145449	145526	144852	145276	0.25	cps
Molybdenum	94-1	220944	223924	225978	223615	1.13	cps
Molybdenum	95-1	237679	239111	243476	240089	1.26	cps
Molybdenum	96-1	269766	269225	270718	269903	0.28	cps
Molybdenum	97-1	148760	147824	151176	149253	1.16	cps
Molybdenum	98-1	385049	390887	388399	388112	0.75	cps
Neodymium	150-1	12796	12539	13030	12788	1.92	cps
Neodymium	150-2	3150	3037	3060	3083	1.94	cps
Nickel	60-2	15522	15422	15562	15502	0.47	cps
Phosphorus	31-2	2464	2290	2430	2395	3.84	cps
Potassium	39-2	637185	649643	640414	642414	1.01	cps
Rhodium	103-1	11690666	11572158	11389105	11550643	1.32	cps
Rhodium	103-2	4240772	4198205	4124816	4187931	1.40	cps
Scandium	45-1	9965206	9570704	9557007	9697639	2.39	cps
Scandium	45-2	169945	172082	168505	170177	1.06	cps
Selenium	82-1	200	173	130	168	21.06	cps
Selenium	77-2	10	27	3	13	90.16	cps
Selenium	78-2	40	20	7	22	75.49	cps
Silicon	28-1	197760390	196227070	200634204	198207221	1.13	cps
Silver	107-1	13240	12222	11932	12465	5.51	cps
Silver	109-1	12569	11542	11158	11756	6.21	cps
Sodium	23-2	212961870	214396110	212317710	213225230	0.50	cps
Strontium	86-1	369140	370449	372398	370663	0.44	cps
Strontium	88-1	3305153	3215307	3290552	3270338	1.47	cps
Sulfur	34-1	1183940	1203735	1216123	1201266	1.35	cps
Terbium	159-1	18439685	18178868	17810035	18142863	1.74	cps
Terbium	159-2	5444568	5539132	5504132	5495944	0.87	cps
Thallium	203-1	2387	3034	2827	2749	12.02	cps
Thallium	205-1	6025	7142	7295	6821	10.17	cps
Tin	118-1	60601	61138	61109	60949	0.50	cps
Titanium	47-1	172089	174466	174712	173756	0.83	cps
Uranium	238-1	15797	15379	15299	15492	1.72	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1092-01DLX5 Instrumnet Name : P8
Client Sample ID : 427 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:53:45 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	26191	26675	26197	26354	1.05	cps
Ytterbium	172-1	3294	3531	3384	3403	3.51	cps
Ytterbium	172-2	1207	1243	1283	1245	3.08	cps
Ytterbium	176-1	5111	5181	5214	5169	1.02	cps
Ytterbium	176-2	1267	1347	1360	1325	3.81	cps
Yttrium	89-1	25459965	24576184	24614143	24883430	2.01	cps
Yttrium	89-2	1689759	1668356	1665834	1674649	0.78	cps
Zinc	66-2	447718	445584	446368	446557	0.24	cps
Zirconium	90-1	241743	243099	246542	243795	1.01	cps
Zirconium	91-1	53425	54928	54503	54285	1.43	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:57:01 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37351	39113	37933	38132	2.35	cps
Antimony	121-1	34764	35322	35994	35360	1.74	cps
Arsenic	75-2	420	413	393	409	3.39	cps
Barium	135-1	295010	298983	302692	298895	1.29	cps
Barium	137-1	521071	524511	529393	524991	0.80	cps
Beryllium	9-1	659	661	666	662	0.58	cps
Bismuth	209-1	11659259	11569158	11560422	11596280	0.47	cps
Bismuth	209-2	4561491	3982784	4285137	4276471	6.77	cps
Bromine	81-1	52709	60061	64628	59133	10.17	cps
Cadmium	108-1	1327	1387	1423	1379	3.54	cps
Cadmium	106-1	10331	9457	9910	9899	4.42	cps
Cadmium	111-1	13640	13883	13495	13673	1.44	cps
Calcium	43-1	626385	635555	634552	632164	0.80	cps
Calcium	44-1	10098715	10296990	10197105	10197604	0.97	cps
Carbon	12-1	85644295	84759519	83453135	84618983	1.30	cps
Carbon	12-2	576640	568345	567619	570868	0.88	cps
Chlorine	35-1	9512720	10250704	10392773	10052066	4.70	cps
Chlorine	35-2	40904	40704	40921	40843	0.30	cps
Chromium	52-2	26287	26775	26181	26414	1.20	cps
Cobalt	59-2	48472	47623	46944	47679	1.61	cps
Copper	63-2	376833	376882	378505	377406	0.25	cps
Dysprosium	156-1	2210	2457	2280	2316	5.49	cps
Dysprosium	156-2	693	753	643	697	7.91	cps
Erbium	164-1	2280	2227	2127	2211	3.52	cps
Erbium	164-2	757	690	683	710	5.71	cps
Gadolinium	160-1	2264	2350	2244	2286	2.48	cps
Gadolinium	160-2	910	807	810	842	6.97	cps
Holmium	165-1	18578563	18720293	18790764	18696540	0.58	cps
Holmium	165-2	6334820	5714469	5991876	6013722	5.17	cps
Indium	115-1	14148090	14196871	14099139	14148033	0.35	cps
Indium	115-2	1514261	1299136	1379101	1397499	7.78	cps
Iron	54-2	455226	457960	456258	456481	0.30	cps
Iron	56-2	8518742	8537908	8519905	8525518	0.13	cps
Iron	57-2	210294	211666	212722	211561	0.58	cps
Krypton	83-1	223	200	283	236	18.25	cps
Lead	206-1	347113	350821	356490	351475	1.34	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:57:01 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	292590	298837	294770	295399	1.07	cps
Lead	208-1	1363651	1375953	1380313	1373306	0.63	cps
Lithium	6-1	8005371	8026175	7931606	7987717	0.62	cps
Magnesium	24-2	707178	716020	713320	712173	0.64	cps
Manganese	55-2	99896	101947	100342	100729	1.07	cps
Molybdenum	94-1	435065	439300	443410	439258	0.95	cps
Molybdenum	95-1	707894	715275	724512	715894	1.16	cps
Molybdenum	96-1	760727	766055	768229	765004	0.50	cps
Molybdenum	97-1	444610	442598	448810	445339	0.71	cps
Molybdenum	98-1	1141958	1164789	1168509	1158419	1.24	cps
Neodymium	150-1	3247	3027	3130	3135	3.51	cps
Neodymium	150-2	663	590	670	641	6.92	cps
Nickel	60-2	19397	18956	18946	19100	1.35	cps
Phosphorus	31-2	5384	5498	5438	5440	1.04	cps
Potassium	39-2	427479	426986	431975	428813	0.64	cps
Rhodium	103-1	12794897	12957565	12925831	12892764	0.67	cps
Rhodium	103-2	5118223	4471284	4727893	4772466	6.83	cps
Scandium	45-1	10180513	10123686	10091715	10131971	0.44	cps
Scandium	45-2	197781	171659	183553	184331	7.09	cps
Selenium	82-1	50	93	7	50	86.66	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	10	23	13	66.12	cps
Silicon	28-1	72418261	72358827	73006927	72594672	0.49	cps
Silver	107-1	3287	3220	3244	3250	1.04	cps
Silver	109-1	2970	2960	3087	3006	2.34	cps
Sodium	23-2	24669511	24979620	25021663	24890265	0.77	cps
Strontium	86-1	170812	171295	172398	171502	0.47	cps
Strontium	88-1	1503656	1507359	1487867	1499627	0.69	cps
Sulfur	34-1	1142108	1152510	1143053	1145891	0.50	cps
Terbium	159-1	19411404	19071166	18774011	19085527	1.67	cps
Terbium	159-2	6410209	5536924	5897114	5948083	7.38	cps
Thallium	203-1	1163	1087	1210	1153	5.40	cps
Thallium	205-1	2834	2664	2620	2706	4.17	cps
Tin	118-1	44178	44171	44917	44422	0.96	cps
Titanium	47-1	69310	59590	59781	62894	8.84	cps
Uranium	238-1	6062	6312	6215	6196	2.04	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 16:57:01 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6942	6762	6555	6753	2.87	cps
Ytterbium	172-1	847	850	893	863	3.02	cps
Ytterbium	172-2	387	317	343	349	10.13	cps
Ytterbium	176-1	3237	3284	3087	3203	3.21	cps
Ytterbium	176-2	700	613	627	647	7.22	cps
Yttrium	89-1	26203518	26425996	25851290	26160268	1.11	cps
Yttrium	89-2	1983949	1699435	1763227	1815537	8.22	cps
Zinc	66-2	1172775	1173170	1170085	1172010	0.14	cps
Zirconium	90-1	90387	91219	91185	90931	0.52	cps
Zirconium	91-1	20342	20502	19958	20267	1.38	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37609	36426	36472	36835	1.82	cps
Antimony	121-1	32355	33892	33043	33097	2.33	cps
Arsenic	75-2	393	460	370	408	11.45	cps
Barium	135-1	284538	287009	292821	288123	1.48	cps
Barium	137-1	499294	504380	506819	503497	0.76	cps
Beryllium	9-1	606	579	591	592	2.33	cps
Bismuth	209-1	11674484	11571504	11510506	11585498	0.72	cps
Bismuth	209-2	4406993	4343818	4247154	4332655	1.86	cps
Bromine	81-1	52250	60041	63901	58731	10.11	cps
Cadmium	108-1	1233	1200	1350	1261	6.25	cps
Cadmium	106-1	9807	9487	9497	9597	1.90	cps
Cadmium	111-1	13877	13483	13250	13537	2.34	cps
Calcium	43-1	602092	601979	607578	603883	0.53	cps
Calcium	44-1	9868664	9781938	9832473	9827692	0.44	cps
Carbon	12-1	67584429	70246212	70789607	69540083	2.47	cps
Carbon	12-2	511516	508075	507693	509095	0.41	cps
Chlorine	35-1	8268456	8151420	7959637	8126504	1.92	cps
Chlorine	35-2	30352	29397	27874	29207	4.28	cps
Chromium	52-2	24932	25833	24778	25181	2.26	cps
Cobalt	59-2	46967	45773	46241	46327	1.30	cps
Copper	63-2	364341	363031	365902	364425	0.39	cps
Dysprosium	156-1	2120	2417	2300	2279	6.56	cps
Dysprosium	156-2	687	760	737	728	5.15	cps
Erbium	164-1	2100	2134	2104	2112	0.87	cps
Erbium	164-2	640	690	647	659	4.12	cps
Gadolinium	160-1	2227	2190	2047	2155	4.42	cps
Gadolinium	160-2	837	823	743	801	6.30	cps
Holmium	165-1	19344079	19019054	18692726	19018620	1.71	cps
Holmium	165-2	6147148	6140018	6039699	6108955	0.98	cps
Indium	115-1	14323421	14289342	14470443	14361069	0.67	cps
Indium	115-2	1399046	1387875	1384543	1390488	0.55	cps
Iron	54-2	441948	440966	441392	441435	0.11	cps
Iron	56-2	8210421	8242524	8170001	8207649	0.44	cps
Iron	57-2	203870	202814	202693	203126	0.32	cps
Krypton	83-1	330	197	223	250	28.22	cps
Lead	206-1	337838	336921	340615	338458	0.57	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	282464	284745	286572	284594	0.72	cps
Lead	208-1	1311379	1318719	1327201	1319100	0.60	cps
Lithium	6-1	8105908	8120160	8016034	8080700	0.70	cps
Magnesium	24-2	686466	685120	683347	684978	0.23	cps
Manganese	55-2	99208	97141	99104	98484	1.18	cps
Molybdenum	94-1	420831	424124	421920	422292	0.40	cps
Molybdenum	95-1	680354	689175	686839	685456	0.67	cps
Molybdenum	96-1	728237	733775	740610	734207	0.84	cps
Molybdenum	97-1	422875	423687	430936	425833	1.04	cps
Molybdenum	98-1	1098285	1111851	1113966	1108034	0.77	cps
Neodymium	150-1	2937	3200	3114	3084	4.35	cps
Neodymium	150-2	750	710	720	727	2.86	cps
Nickel	60-2	18238	18462	18519	18406	0.81	cps
Phosphorus	31-2	5101	5214	5028	5114	1.84	cps
Potassium	39-2	412236	412367	413069	412558	0.11	cps
Rhodium	103-1	12984450	12971486	13095502	13017146	0.52	cps
Rhodium	103-2	4839071	4753972	4760903	4784648	0.99	cps
Scandium	45-1	10313393	10241227	10234855	10263158	0.43	cps
Scandium	45-2	185897	184534	183576	184669	0.63	cps
Selenium	82-1	-70	110	70	37	257.77	cps
Selenium	77-2	3	17	10	10	66.70	cps
Selenium	78-2	3	3	10	6	69.34	cps
Silicon	28-1	68615892	69350889	70004461	69323747	1.00	cps
Silver	107-1	3217	3154	2934	3101	4.80	cps
Silver	109-1	2707	2730	2604	2680	2.52	cps
Sodium	23-2	24293513	24188619	23909220	24130450	0.82	cps
Strontium	86-1	164674	167598	164482	165584	1.05	cps
Strontium	88-1	1403500	1416965	1435040	1418502	1.12	cps
Sulfur	34-1	1092475	1109679	1103915	1102023	0.79	cps
Terbium	159-1	19141067	19245655	19402356	19263026	0.68	cps
Terbium	159-2	6003394	5899943	5834850	5912729	1.44	cps
Thallium	203-1	867	860	770	832	6.49	cps
Thallium	205-1	2047	2014	1974	2011	1.83	cps
Tin	118-1	41727	41824	42991	42180	1.67	cps
Titanium	47-1	57736	57854	58278	57956	0.49	cps
Uranium	238-1	5688	5808	5928	5808	2.07	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03DUPDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:00:18 DataFile Name : 054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	6615	6845	6725	6728	1.71	cps
Ytterbium	172-1	870	830	793	831	4.61	cps
Ytterbium	172-2	290	363	340	331	11.31	cps
Ytterbium	176-1	3154	3254	3190	3199	1.58	cps
Ytterbium	176-2	527	667	617	603	11.76	cps
Yttrium	89-1	26170327	26310193	26839062	26439861	1.33	cps
Yttrium	89-2	1869316	1838958	1807416	1838563	1.68	cps
Zinc	66-2	1136565	1124478	1132969	1131337	0.55	cps
Zirconium	90-1	87436	87788	87536	87586	0.21	cps
Zirconium	91-1	19497	19474	19414	19461	0.22	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03LDLX25 Instrumnet Name : P8
Client Sample ID : 3181L Dilution Factor : 25
Date & Time Acquired : 2025-01-17 17:03:33 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7715	7959	8339	8004	3.93	cps
Antimony	121-1	7445	7299	7612	7452	2.10	cps
Arsenic	75-2	110	100	73	94	20.07	cps
Barium	135-1	61696	61559	61271	61509	0.35	cps
Barium	137-1	107473	107584	107906	107654	0.21	cps
Beryllium	9-1	475	427	391	431	9.74	cps
Bismuth	209-1	12322955	12014815	11767146	12034972	2.31	cps
Bismuth	209-2	4423078	4400942	4318055	4380692	1.26	cps
Bromine	81-1	20101	21109	21583	20931	3.62	cps
Cadmium	108-1	257	230	280	256	9.79	cps
Cadmium	106-1	9036	8593	8483	8704	3.37	cps
Cadmium	111-1	4228	4221	4338	4262	1.53	cps
Calcium	43-1	130539	129975	132039	130851	0.82	cps
Calcium	44-1	2146877	2166665	2167413	2160318	0.54	cps
Carbon	12-1	20734763	22348581	21549705	21544350	3.75	cps
Carbon	12-2	146454	146279	143758	145497	1.04	cps
Chlorine	35-1	2629152	2555565	2424540	2536419	4.09	cps
Chlorine	35-2	9000	8773	7929	8567	6.59	cps
Chromium	52-2	6091	5841	5915	5949	2.16	cps
Cobalt	59-2	9947	9733	10107	9929	1.89	cps
Copper	63-2	81894	81844	82022	81920	0.11	cps
Dysprosium	156-1	493	540	440	491	10.19	cps
Dysprosium	156-2	147	133	133	138	5.59	cps
Erbium	164-1	560	537	553	550	2.19	cps
Erbium	164-2	127	163	170	153	15.22	cps
Gadolinium	160-1	563	657	633	618	7.86	cps
Gadolinium	160-2	237	197	220	218	9.23	cps
Holmium	165-1	19128241	18989301	18711092	18942878	1.12	cps
Holmium	165-2	6079357	5994794	6050135	6041429	0.71	cps
Indium	115-1	15116817	14659898	14346087	14707601	2.64	cps
Indium	115-2	1399096	1383014	1387080	1389730	0.60	cps
Iron	54-2	94067	97040	94318	95142	1.73	cps
Iron	56-2	1890524	1805484	1780061	1825356	3.17	cps
Iron	57-2	43991	44302	43556	43950	0.85	cps
Krypton	83-1	250	263	217	243	9.88	cps
Lead	206-1	75582	74904	75786	75424	0.61	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03LDLX25 Instrumnet Name : P8
Client Sample ID : 3181L Dilution Factor : 25
Date & Time Acquired : 2025-01-17 17:03:33 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	63407	62654	63126	63062	0.60	cps
Lead	208-1	294852	291532	294147	293510	0.60	cps
Lithium	6-1	8264350	8248700	8098030	8203693	1.12	cps
Magnesium	24-2	145729	148490	147339	147186	0.94	cps
Manganese	55-2	20872	21289	20738	20967	1.37	cps
Molybdenum	94-1	91126	90709	91213	91016	0.30	cps
Molybdenum	95-1	146954	147204	146432	146863	0.27	cps
Molybdenum	96-1	157060	158192	157256	157502	0.38	cps
Molybdenum	97-1	91686	90566	91093	91115	0.62	cps
Molybdenum	98-1	237390	238495	234919	236935	0.77	cps
Neodymium	150-1	607	630	677	638	5.59	cps
Neodymium	150-2	150	177	103	143	25.89	cps
Nickel	60-2	4764	5054	5014	4944	3.18	cps
Phosphorus	31-2	1080	1167	1187	1145	4.95	cps
Potassium	39-2	94433	95037	95047	94839	0.37	cps
Rhodium	103-1	13645758	13343101	13186047	13391635	1.74	cps
Rhodium	103-2	4894117	4896777	4830232	4873709	0.77	cps
Scandium	45-1	10349603	10194183	10090761	10211515	1.28	cps
Scandium	45-2	182283	183691	183860	183278	0.47	cps
Selenium	82-1	-80	-63	-13	-52	-66.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	7	10	8	24.71	cps
Silicon	28-1	15138844	14931032	14855481	14975119	0.98	cps
Silver	107-1	850	877	993	907	8.41	cps
Silver	109-1	670	773	703	716	7.37	cps
Sodium	23-2	5089105	5146583	5136698	5124128	0.60	cps
Strontium	86-1	35355	36010	36604	35990	1.74	cps
Strontium	88-1	304805	304496	304097	304466	0.12	cps
Sulfur	34-1	591753	592078	595483	593105	0.35	cps
Terbium	159-1	19911861	19603409	19250877	19588716	1.69	cps
Terbium	159-2	5994872	5876986	5905947	5925935	1.04	cps
Thallium	203-1	630	677	743	683	8.34	cps
Thallium	205-1	1560	1537	1673	1590	4.60	cps
Tin	118-1	10628	10444	10578	10550	0.90	cps
Titanium	47-1	12476	12506	13173	12718	3.10	cps
Uranium	238-1	1313	1370	1250	1311	4.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03LDLX25 Instrumnet Name : P8
Client Sample ID : 3181L Dilution Factor : 25
Date & Time Acquired : 2025-01-17 17:03:33 DataFile Name : 055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1380	1320	1490	1397	6.17	cps
Ytterbium	172-1	313	280	277	290	6.99	cps
Ytterbium	172-2	73	103	120	99	23.92	cps
Ytterbium	176-1	2627	2670	2564	2620	2.05	cps
Ytterbium	176-2	417	437	393	416	5.22	cps
Yttrium	89-1	27408327	26624627	26125460	26719471	2.42	cps
Yttrium	89-2	1804955	1793445	1822997	1807133	0.82	cps
Zinc	66-2	244149	247732	246510	246130	0.74	cps
Zirconium	90-1	18579	19554	19531	19221	2.89	cps
Zirconium	91-1	4071	4371	4277	4240	3.62	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205655	205206	205202	205354	0.13	cps
Antimony	121-1	5570593	5728571	5653829	5650997	1.40	cps
Arsenic	75-2	103134	104326	103416	103625	0.60	cps
Barium	135-1	2856703	2865774	2856559	2859679	0.18	cps
Barium	137-1	4901180	4946901	5002001	4950028	1.02	cps
Beryllium	9-1	1968747	2022378	2013710	2001612	1.44	cps
Bismuth	209-1	11408131	11151686	11590228	11383348	1.94	cps
Bismuth	209-2	4170121	4306485	4339028	4271878	2.10	cps
Bromine	81-1	43651	49795	53615	49020	10.25	cps
Cadmium	108-1	108355	111680	112195	110743	1.88	cps
Cadmium	106-1	169531	174597	174177	172768	1.63	cps
Cadmium	111-1	1347389	1368952	1360969	1359103	0.80	cps
Calcium	43-1	1127300	1157438	1159944	1148227	1.58	cps
Calcium	44-1	18561840	18698212	18668735	18642929	0.38	cps
Carbon	12-1	59215161	61838069	63220247	61424492	3.31	cps
Carbon	12-2	454665	451223	448599	451496	0.67	cps
Chlorine	35-1	3606444	3935243	4121686	3887791	6.71	cps
Chlorine	35-2	16783	16773	17778	17111	3.37	cps
Chromium	52-2	1119776	1120612	1120063	1120150	0.04	cps
Cobalt	59-2	2214997	2197537	2224552	2212362	0.62	cps
Copper	63-2	5353848	5438502	5411240	5401196	0.80	cps
Dysprosium	156-1	2250	2147	2264	2220	2.88	cps
Dysprosium	156-2	590	677	553	607	10.44	cps
Erbium	164-1	1990	1890	1997	1959	3.05	cps
Erbium	164-2	613	707	573	631	10.84	cps
Gadolinium	160-1	2080	2000	1843	1975	6.10	cps
Gadolinium	160-2	713	830	680	741	10.63	cps
Holmium	165-1	18693406	17845315	19129361	18556027	3.52	cps
Holmium	165-2	5934725	6145430	6054070	6044742	1.75	cps
Indium	115-1	14036071	13419403	14240173	13898549	3.07	cps
Indium	115-2	1319507	1384753	1393625	1365962	2.96	cps
Iron	54-2	1343709	1317540	1334147	1331799	0.99	cps
Iron	56-2	24366964	24236940	23976369	24193424	0.82	cps
Iron	57-2	595905	593573	593354	594277	0.24	cps
Krypton	83-1	170	227	247	214	18.55	cps
Lead	206-1	6739844	6765006	6875370	6793407	1.06	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5831566	5898480	5941468	5890505	0.94	cps
Lead	208-1	26844671	27192689	27263393	27100251	0.83	cps
Lithium	6-1	7965432	7717053	8164794	7949093	2.82	cps
Magnesium	24-2	3012311	2980819	2991486	2994872	0.53	cps
Manganese	55-2	1486215	1422101	1419688	1442668	2.62	cps
Molybdenum	94-1	7594508	7651623	7692466	7646199	0.64	cps
Molybdenum	95-1	6904644	6969734	6960737	6945038	0.51	cps
Molybdenum	96-1	7947962	7947107	8180459	8025176	1.68	cps
Molybdenum	97-1	4277669	4277263	4376595	4310509	1.33	cps
Molybdenum	98-1	11168539	11369122	11436187	11324616	1.23	cps
Neodymium	150-1	2890	2994	2907	2930	1.89	cps
Neodymium	150-2	650	587	603	613	5.35	cps
Nickel	60-2	583397	589146	587748	586764	0.51	cps
Phosphorus	31-2	4824	4747	5011	4861	2.79	cps
Potassium	39-2	1282726	1245925	1300327	1276326	2.17	cps
Rhodium	103-1	12757306	12124048	13135370	12672241	4.03	cps
Rhodium	103-2	4599230	4751732	4792583	4714515	2.16	cps
Scandium	45-1	9978511	9611349	10234336	9941399	3.15	cps
Scandium	45-2	179818	187089	189813	185573	2.78	cps
Selenium	82-1	90910	91702	92597	91736	0.92	cps
Selenium	77-2	1533	1580	1640	1585	3.38	cps
Selenium	78-2	5424	5144	5388	5319	2.86	cps
Silicon	28-1	65525071	66440677	67004826	66323525	1.13	cps
Silver	107-1	14494	14254	14484	14411	0.94	cps
Silver	109-1	4504	4547	4678	4576	1.97	cps
Sodium	23-2	27157025	26693815	26494720	26781854	1.27	cps
Strontium	86-1	2063898	2099078	2083847	2082274	0.85	cps
Strontium	88-1	17476145	17632958	17695838	17601647	0.64	cps
Sulfur	34-1	1057588	1055097	1069794	1060826	0.74	cps
Terbium	159-1	18986452	18252377	19275918	18838249	2.80	cps
Terbium	159-2	5709683	6111535	6020967	5947395	3.54	cps
Thallium	203-1	5836434	5859068	6051186	5915563	1.99	cps
Thallium	205-1	13741133	13835367	13850794	13809098	0.43	cps
Tin	118-1	1702195	1763975	1752434	1739535	1.89	cps
Titanium	47-1	1320078	1368060	1349442	1345860	1.80	cps
Uranium	238-1	19482406	19392997	19438072	19437825	0.23	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:06:52 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	895302	894607	897054	895655	0.14	cps
Ytterbium	172-1	783	780	853	806	5.14	cps
Ytterbium	172-2	357	290	343	330	10.69	cps
Ytterbium	176-1	15873	15729	16534	16045	2.67	cps
Ytterbium	176-2	4774	4988	4774	4845	2.54	cps
Yttrium	89-1	26196576	24948610	26471785	25872324	3.14	cps
Yttrium	89-2	1755059	1855911	1815885	1808952	2.81	cps
Zinc	66-2	1545730	1510456	1511440	1522542	1.32	cps
Zirconium	90-1	10256795	10334016	10402120	10330977	0.70	cps
Zirconium	91-1	2307651	2383283	2343665	2344866	1.61	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:09:43 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206517	209363	207380	207753	0.70	cps
Antimony	121-1	5643202	5639257	5648355	5643605	0.08	cps
Arsenic	75-2	103564	103913	104897	104124	0.66	cps
Barium	135-1	2888093	2872676	2935402	2898724	1.13	cps
Barium	137-1	4880576	4945516	4963421	4929837	0.88	cps
Beryllium	9-1	2024745	2056550	2060263	2047186	0.95	cps
Bismuth	209-1	11137497	11149594	11320199	11202430	0.91	cps
Bismuth	209-2	4242068	4230557	4144359	4205661	1.27	cps
Bromine	81-1	46928	51457	55131	51172	8.03	cps
Cadmium	108-1	111103	111163	110693	110986	0.23	cps
Cadmium	106-1	174205	174218	176495	174973	0.75	cps
Cadmium	111-1	1367088	1373212	1372103	1370801	0.24	cps
Calcium	43-1	1147820	1155764	1167912	1157165	0.87	cps
Calcium	44-1	18788323	18852736	18748479	18796513	0.28	cps
Carbon	12-1	59908132	60823347	62274182	61001887	1.96	cps
Carbon	12-2	450731	445540	449842	448704	0.62	cps
Chlorine	35-1	3419597	3656679	3831374	3635883	5.68	cps
Chlorine	35-2	15408	16112	16276	15932	2.89	cps
Chromium	52-2	1126502	1125234	1121904	1124547	0.21	cps
Cobalt	59-2	2251734	2211214	2237065	2233338	0.92	cps
Copper	63-2	5412664	5446355	5469986	5443002	0.53	cps
Dysprosium	156-1	1940	2347	2180	2156	9.48	cps
Dysprosium	156-2	630	627	623	627	0.53	cps
Erbium	164-1	1977	2040	1947	1988	2.40	cps
Erbium	164-2	667	507	510	561	16.30	cps
Gadolinium	160-1	1910	2154	2207	2090	7.57	cps
Gadolinium	160-2	743	757	720	740	2.51	cps
Holmium	165-1	18293851	18360796	18501682	18385443	0.58	cps
Holmium	165-2	6019897	6071821	5991451	6027723	0.68	cps
Indium	115-1	13644223	13868854	13878110	13797062	0.96	cps
Indium	115-2	1357322	1374033	1342626	1357994	1.16	cps
Iron	54-2	1324447	1331285	1333451	1329728	0.35	cps
Iron	56-2	23993257	24064220	23882018	23979832	0.38	cps
Iron	57-2	598165	596250	593763	596059	0.37	cps
Krypton	83-1	233	230	210	224	5.62	cps
Lead	206-1	6825834	6872655	6916624	6871704	0.66	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:09:43 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5920518	5923203	5943316	5929012	0.21	cps
Lead	208-1	27159582	27102660	27408824	27223689	0.60	cps
Lithium	6-1	7909508	7913285	7871217	7898004	0.29	cps
Magnesium	24-2	3063467	3052341	3010386	3042064	0.92	cps
Manganese	55-2	1468657	1435921	1448099	1450892	1.14	cps
Molybdenum	94-1	7621343	7650394	7745683	7672473	0.85	cps
Molybdenum	95-1	6938375	7056041	7074608	7023008	1.05	cps
Molybdenum	96-1	8100268	8185427	8210233	8165309	0.71	cps
Molybdenum	97-1	4303608	4337314	4352526	4331149	0.58	cps
Molybdenum	98-1	11356851	11403397	11458553	11406267	0.45	cps
Neodymium	150-1	2807	2947	2947	2900	2.79	cps
Neodymium	150-2	733	637	757	709	8.98	cps
Nickel	60-2	588581	593451	592217	591416	0.43	cps
Phosphorus	31-2	4884	5178	4611	4891	5.80	cps
Potassium	39-2	1277040	1275987	1290090	1281039	0.61	cps
Rhodium	103-1	12509150	12572619	12711703	12597824	0.82	cps
Rhodium	103-2	4683768	4760395	4639311	4694492	1.30	cps
Scandium	45-1	9801477	9798039	9793842	9797786	0.04	cps
Scandium	45-2	185629	189551	183164	186115	1.73	cps
Selenium	82-1	91850	92225	93296	92457	0.81	cps
Selenium	77-2	1513	1440	1560	1505	4.02	cps
Selenium	78-2	5148	5228	5281	5219	1.29	cps
Silicon	28-1	66412209	66409152	66700186	66507182	0.25	cps
Silver	107-1	14308	14251	14378	14312	0.44	cps
Silver	109-1	4554	4441	4577	4524	1.62	cps
Sodium	23-2	27269337	26991651	26749726	27003572	0.96	cps
Strontium	86-1	2083354	2099862	2089001	2090739	0.40	cps
Strontium	88-1	17774036	18043541	17899243	17905607	0.75	cps
Sulfur	34-1	1056866	1041839	1052051	1050252	0.73	cps
Terbium	159-1	18571309	18757402	18584092	18637601	0.56	cps
Terbium	159-2	5911348	5885289	5723972	5840203	1.74	cps
Thallium	203-1	5962310	5913172	5924899	5933460	0.43	cps
Thallium	205-1	13802879	13690085	13839083	13777349	0.56	cps
Tin	118-1	1757651	1774962	1751825	1761479	0.68	cps
Titanium	47-1	1339788	1368056	1374214	1360686	1.35	cps
Uranium	238-1	19627413	19580135	19588303	19598617	0.13	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03MSDDLX5 Instrumnet Name : P8
Client Sample ID : 3181 Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:09:43 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	891973	905727	903306	900335	0.82	cps
Ytterbium	172-1	777	820	817	804	3.00	cps
Ytterbium	172-2	367	383	337	362	6.53	cps
Ytterbium	176-1	16047	16123	15543	15904	1.98	cps
Ytterbium	176-2	4961	4788	5168	4972	3.83	cps
Yttrium	89-1	25445260	25701472	25839103	25661945	0.78	cps
Yttrium	89-2	1804740	1823261	1796626	1808209	0.75	cps
Zinc	66-2	1534621	1515690	1523296	1524535	0.62	cps
Zirconium	90-1	10356273	10457149	10463743	10425722	0.58	cps
Zirconium	91-1	2330742	2398745	2409070	2379519	1.79	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208177	208258	206454	207629	0.49	cps
Antimony	121-1	5589180	5668951	5690400	5649510	0.94	cps
Arsenic	75-2	105054	104238	104319	104537	0.43	cps
Barium	135-1	2874307	2897827	2892897	2888344	0.43	cps
Barium	137-1	4926314	4975233	5053655	4985067	1.29	cps
Beryllium	9-1	2020046	2059578	2028818	2036147	1.02	cps
Bismuth	209-1	10997811	11319750	11289104	11202222	1.59	cps
Bismuth	209-2	4177947	4232153	4176074	4195391	0.76	cps
Bromine	81-1	46540	51635	54696	50957	8.08	cps
Cadmium	108-1	110797	112128	112857	111927	0.93	cps
Cadmium	106-1	173813	172779	176520	174371	1.11	cps
Cadmium	111-1	1351684	1370798	1373037	1365173	0.86	cps
Calcium	43-1	1148339	1158301	1166859	1157833	0.80	cps
Calcium	44-1	18573420	18774318	18966358	18771365	1.05	cps
Carbon	12-1	58210756	60909654	61758104	60292838	3.07	cps
Carbon	12-2	445325	446948	449261	447178	0.44	cps
Chlorine	35-1	3374416	3705286	3849517	3643073	6.69	cps
Chlorine	35-2	15969	16446	16423	16279	1.65	cps
Chromium	52-2	1132535	1129928	1132386	1131616	0.13	cps
Cobalt	59-2	2263577	2237478	2266088	2255715	0.70	cps
Copper	63-2	5401370	5485155	5465226	5450584	0.80	cps
Dysprosium	156-1	2254	2270	2080	2201	4.78	cps
Dysprosium	156-2	587	630	620	612	3.71	cps
Erbium	164-1	2077	1967	2020	2021	2.72	cps
Erbium	164-2	673	543	623	613	10.69	cps
Gadolinium	160-1	2237	1910	1914	2020	9.29	cps
Gadolinium	160-2	787	750	890	809	8.98	cps
Holmium	165-1	18037718	18519534	18609252	18388835	1.67	cps
Holmium	165-2	5994406	5972056	5883928	5950130	0.98	cps
Indium	115-1	13594759	13856259	14188328	13879782	2.14	cps
Indium	115-2	1362742	1347439	1331187	1347123	1.17	cps
Iron	54-2	1338354	1343046	1341589	1340996	0.18	cps
Iron	56-2	24595034	24498881	24041580	24378498	1.21	cps
Iron	57-2	601056	605516	602023	602865	0.39	cps
Krypton	83-1	220	230	223	224	2.27	cps
Lead	206-1	6769491	6928073	6883337	6860301	1.19	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5931975	5966463	6103286	6000575	1.51	cps
Lead	208-1	27214478	27306785	27618725	27379996	0.77	cps
Lithium	6-1	7864206	7961853	8012518	7946192	0.95	cps
Magnesium	24-2	3105243	3028012	3026266	3053173	1.48	cps
Manganese	55-2	1479868	1445725	1445774	1457122	1.35	cps
Molybdenum	94-1	7771127	7731352	7749662	7750714	0.26	cps
Molybdenum	95-1	6975443	7093273	7125974	7064897	1.12	cps
Molybdenum	96-1	8171494	8201169	8201614	8191426	0.21	cps
Molybdenum	97-1	4349763	4353810	4382852	4362142	0.41	cps
Molybdenum	98-1	11415173	11389344	11492085	11432201	0.47	cps
Neodymium	150-1	2930	2767	3087	2928	5.47	cps
Neodymium	150-2	640	627	607	624	2.69	cps
Nickel	60-2	593467	591973	594143	593194	0.19	cps
Phosphorus	31-2	4928	5054	4828	4936	2.30	cps
Potassium	39-2	1271682	1279611	1273682	1274992	0.32	cps
Rhodium	103-1	12561044	12519334	12677293	12585890	0.65	cps
Rhodium	103-2	4710915	4718581	4553302	4660933	2.00	cps
Scandium	45-1	9778979	9912225	10037976	9909727	1.31	cps
Scandium	45-2	183712	183896	181855	183154	0.62	cps
Selenium	82-1	90330	94134	93010	92491	2.11	cps
Selenium	77-2	1440	1587	1587	1538	5.51	cps
Selenium	78-2	5284	5118	5168	5190	1.65	cps
Silicon	28-1	66667524	66976831	66536251	66726868	0.34	cps
Silver	107-1	13740	14121	14304	14055	2.05	cps
Silver	109-1	4367	4541	4647	4519	3.13	cps
Sodium	23-2	27432012	27389948	27109625	27310528	0.64	cps
Strontium	86-1	2074386	2150914	2107834	2111045	1.82	cps
Strontium	88-1	17920103	17955213	17752075	17875797	0.61	cps
Sulfur	34-1	1060488	1043063	1050626	1051392	0.83	cps
Terbium	159-1	18541771	18728463	18872525	18714253	0.89	cps
Terbium	159-2	5875691	5873245	5825197	5858044	0.49	cps
Thallium	203-1	5916318	5996183	6040591	5984364	1.05	cps
Thallium	205-1	13882309	14186335	13896336	13988327	1.23	cps
Tin	118-1	1727929	1781789	1804401	1771373	2.22	cps
Titanium	47-1	1342307	1373007	1379499	1364938	1.46	cps
Uranium	238-1	19788870	19666067	19608323	19687753	0.47	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1094-03ADLX5 Instrumnet Name : P8
Client Sample ID : 3181A Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:12:36 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	903138	900933	901718	901930	0.12	cps
Ytterbium	172-1	737	810	730	759	5.85	cps
Ytterbium	172-2	387	350	337	358	7.24	cps
Ytterbium	176-1	15753	15793	16217	15921	1.61	cps
Ytterbium	176-2	4844	5164	4688	4899	4.96	cps
Yttrium	89-1	25549996	25884035	25905415	25779815	0.77	cps
Yttrium	89-2	1810586	1803284	1751109	1788326	1.81	cps
Zinc	66-2	1556948	1553171	1537549	1549223	0.66	cps
Zirconium	90-1	10464257	10473472	10351111	10429613	0.65	cps
Zirconium	91-1	2355411	2382701	2372910	2370341	0.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3314774	3332569	3304027	3317123	0.43	cps
Antimony	121-1	6939331	7071399	6954844	6988525	1.03	cps
Arsenic	75-2	127413	127860	128277	127850	0.34	cps
Barium	135-1	9015251	9057577	8925151	8999326	0.75	cps
Barium	137-1	15684928	15592794	15542667	15606796	0.46	cps
Beryllium	9-1	2624939	2640290	2645140	2636790	0.40	cps
Bismuth	209-1	9447669	9633578	9547054	9542767	0.97	cps
Bismuth	209-2	3579312	3675977	3577223	3610837	1.56	cps
Bromine	81-1	8333	7939	8182	8151	2.44	cps
Cadmium	108-1	141963	141584	142349	141965	0.27	cps
Cadmium	106-1	206417	208656	209492	208188	0.76	cps
Cadmium	111-1	1665845	1661392	1705489	1677575	1.45	cps
Calcium	43-1	13003633	13139364	13095656	13079551	0.53	cps
Calcium	44-1	211763050	210796084	212897890	211819008	0.50	cps
Carbon	12-1	4970057	5153986	5302515	5142186	3.24	cps
Carbon	12-2	44293	45029	44858	44727	0.86	cps
Chlorine	35-1	209486	206491	207092	207690	0.76	cps
Chlorine	35-2	877	927	867	890	3.61	cps
Chromium	52-2	1608525	1552501	1568980	1576669	1.83	cps
Cobalt	59-2	2814415	2840944	2815340	2823566	0.53	cps
Copper	63-2	19688087	19728658	19877758	19764835	0.51	cps
Dysprosium	156-1	400	433	437	423	4.79	cps
Dysprosium	156-2	100	107	127	111	12.49	cps
Erbium	164-1	417	477	450	448	6.71	cps
Erbium	164-2	147	140	137	141	3.61	cps
Gadolinium	160-1	320	393	323	346	11.98	cps
Gadolinium	160-2	130	130	157	139	11.09	cps
Holmium	165-1	16629296	16586063	17080202	16765187	1.63	cps
Holmium	165-2	5621982	5492625	5621151	5578586	1.33	cps
Indium	115-1	11925572	11942724	12265907	12044734	1.59	cps
Indium	115-2	1217326	1217934	1216599	1217286	0.05	cps
Iron	54-2	15566596	15601080	15609542	15592406	0.15	cps
Iron	56-2	284604256	284421802	287138469	285388176	0.53	cps
Iron	57-2	7151568	7171587	7198333	7173829	0.33	cps
Krypton	83-1	293	250	227	257	13.18	cps
Lead	206-1	29295044	29352921	29181612	29276526	0.30	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25200528	25399304	25117042	25238958	0.57	cps
Lead	208-1	117035239	117001504	116173953	116736899	0.42	cps
Lithium	6-1	7018199	7042217	7067434	7042617	0.35	cps
Magnesium	24-2	55971703	56017316	55983228	55990749	0.04	cps
Manganese	55-2	6639823	6560767	6708801	6636464	1.12	cps
Molybdenum	94-1	25604389	25891566	25800401	25765452	0.57	cps
Molybdenum	95-1	37219830	37355146	37422103	37332360	0.28	cps
Molybdenum	96-1	40637227	40310448	41099997	40682557	0.98	cps
Molybdenum	97-1	22871828	23114308	23112748	23032961	0.61	cps
Molybdenum	98-1	60160524	60859292	60952046	60657287	0.71	cps
Neodymium	150-1	987	927	817	910	9.47	cps
Neodymium	150-2	50	53	103	69	43.37	cps
Nickel	60-2	724177	731419	722905	726167	0.63	cps
Phosphorus	31-2	28755	28879	29109	28914	0.62	cps
Potassium	39-2	16176354	16104699	16179048	16153367	0.26	cps
Rhodium	103-1	10390087	10643925	10775051	10603021	1.85	cps
Rhodium	103-2	3990552	3994140	4025260	4003317	0.48	cps
Scandium	45-1	8788648	8783427	8911704	8827927	0.82	cps
Scandium	45-2	173436	173446	174627	173836	0.39	cps
Selenium	82-1	109915	111111	110647	110558	0.55	cps
Selenium	77-2	1877	2074	1903	1951	5.47	cps
Selenium	78-2	6542	6392	6548	6494	1.36	cps
Silicon	28-1	21662230	22100191	21937815	21900078	1.01	cps
Silver	107-1	8811823	8935693	8813980	8853832	0.80	cps
Silver	109-1	8351353	8335475	8364336	8350388	0.17	cps
Sodium	23-2	111988925	110310038	111323322	111207428	0.76	cps
Strontium	86-1	2649145	2666102	2667464	2660904	0.38	cps
Strontium	88-1	22477596	22631373	22685858	22598276	0.48	cps
Sulfur	34-1	1081626	1071929	1062238	1071931	0.90	cps
Terbium	159-1	16734018	17235671	17038807	17002832	1.49	cps
Terbium	159-2	5477452	5489952	5496759	5488055	0.18	cps
Thallium	203-1	7704927	7563063	7571624	7613205	1.04	cps
Thallium	205-1	17736085	17883389	17809990	17809821	0.41	cps
Tin	118-1	6001242	6029424	6002786	6011151	0.26	cps
Titanium	47-1	11453712	11573056	11535378	11520716	0.53	cps
Uranium	238-1	25577902	25607267	25332754	25505974	0.59	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV004 Instrumnet Name : P8
Client Sample ID : CCV004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:21:55 DataFile Name : 061CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1205332	1202391	1197655	1201793	0.32	cps
Ytterbium	172-1	460	457	510	476	6.28	cps
Ytterbium	172-2	190	173	143	169	14.00	cps
Ytterbium	176-1	38469	37249	37964	37894	1.62	cps
Ytterbium	176-2	12106	12232	11949	12096	1.17	cps
Yttrium	89-1	22931631	23030986	23340947	23101188	0.92	cps
Yttrium	89-2	1684344	1683525	1689033	1685634	0.18	cps
Zinc	66-2	2103108	2111302	2116425	2110278	0.32	cps
Zirconium	90-1	13147493	13228108	13000318	13125306	0.88	cps
Zirconium	91-1	2997551	2894161	2959598	2950436	1.77	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:24:44 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	190	207	204	6.59	cps
Antimony	121-1	1603	1913	1947	1821	10.40	cps
Arsenic	75-2	3	13	13	10	57.75	cps
Barium	135-1	603	800	1003	802	24.93	cps
Barium	137-1	1090	1520	1660	1423	20.87	cps
Beryllium	9-1	1189	1199	1110	1166	4.17	cps
Bismuth	209-1	11488791	13049018	12631681	12389830	6.52	cps
Bismuth	209-2	4047497	5137911	4540104	4575171	11.94	cps
Bromine	81-1	7959	7666	7879	7834	1.94	cps
Cadmium	108-1	50	43	60	51	16.42	cps
Cadmium	106-1	7906	8996	8559	8487	6.47	cps
Cadmium	111-1	1686	1942	1917	1848	7.63	cps
Calcium	43-1	1203	1610	1830	1548	20.54	cps
Calcium	44-1	22915	26812	31595	27107	16.04	cps
Carbon	12-1	4044283	3972641	3952166	3989697	1.21	cps
Carbon	12-2	27616	28227	27409	27751	1.53	cps
Chlorine	35-1	173296	168713	168798	170269	1.54	cps
Chlorine	35-2	673	653	723	683	5.28	cps
Chromium	52-2	537	663	520	573	13.67	cps
Cobalt	59-2	143	193	137	158	19.63	cps
Copper	63-2	4627	4334	4234	4398	4.65	cps
Dysprosium	156-1	13	10	17	13	25.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	110	77	150	112	32.72	cps
Erbium	164-2	33	23	27	28	18.33	cps
Gadolinium	160-1	67	117	53	79	42.33	cps
Gadolinium	160-2	0	27	30	19	87.05	cps
Holmium	165-1	17954262	20257719	19580194	19264058	6.15	cps
Holmium	165-2	5564406	6886216	6108062	6186228	10.74	cps
Indium	115-1	14132568	15822380	15541266	15165404	5.97	cps
Indium	115-2	1270764	1634617	1433352	1446244	12.60	cps
Iron	54-2	853	773	807	811	4.95	cps
Iron	56-2	13273	13266	12049	12863	5.48	cps
Iron	57-2	343	377	260	327	18.40	cps
Krypton	83-1	247	177	177	200	20.21	cps
Lead	206-1	4944	5478	6105	5509	10.54	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:24:44 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4357	4624	5124	4702	8.28	cps
Lead	208-1	20073	21411	23428	21637	7.81	cps
Lithium	6-1	7841054	8637346	8543247	8340549	5.22	cps
Magnesium	24-2	2290	2044	1903	2079	9.42	cps
Manganese	55-2	340	367	317	341	7.33	cps
Molybdenum	94-1	2214	2464	3064	2580	16.93	cps
Molybdenum	95-1	2644	3220	4047	3304	21.36	cps
Molybdenum	96-1	2917	3430	4231	3526	18.78	cps
Molybdenum	97-1	1607	2097	2534	2079	22.30	cps
Molybdenum	98-1	4401	5368	6432	5400	18.81	cps
Neodymium	150-1	7	10	17	11	45.82	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1170	1320	1310	1267	6.62	cps
Phosphorus	31-2	50	40	60	50	20.00	cps
Potassium	39-2	10787	10044	10300	10377	3.64	cps
Rhodium	103-1	12945156	14413599	14262680	13873812	5.82	cps
Rhodium	103-2	4491990	5528331	4978235	4999519	10.37	cps
Scandium	45-1	9698533	10998680	10732792	10476668	6.56	cps
Scandium	45-2	168178	211433	189639	189750	11.40	cps
Selenium	82-1	-47	30	37	7	694.67	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	0	3	4	114.60	cps
Silicon	28-1	435880	427574	421261	428238	1.71	cps
Silver	107-1	1730	1737	1913	1793	5.80	cps
Silver	109-1	1560	1493	1607	1553	3.67	cps
Sodium	23-2	44802	44668	43745	44405	1.30	cps
Strontium	86-1	540	527	563	543	3.42	cps
Strontium	88-1	1370	1867	2137	1791	21.71	cps
Sulfur	34-1	397483	401522	404278	401094	0.85	cps
Terbium	159-1	18508208	20681620	20260148	19816659	5.82	cps
Terbium	159-2	5448875	6824780	6051005	6108220	11.29	cps
Thallium	203-1	1117	1427	1430	1325	13.59	cps
Thallium	205-1	2877	3137	3521	3178	10.19	cps
Tin	118-1	1977	1850	2270	2032	10.60	cps
Titanium	47-1	727	907	1197	943	25.14	cps
Uranium	238-1	1317	1777	2260	1785	26.44	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCB004 Instrumnet Name : P8
Client Sample ID : CCB004 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:24:44 DataFile Name : 062CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	70	43	49	38.78	cps
Ytterbium	172-1	80	93	120	98	20.83	cps
Ytterbium	172-2	30	43	33	36	19.51	cps
Ytterbium	176-1	2317	2637	2544	2499	6.59	cps
Ytterbium	176-2	273	403	367	348	19.27	cps
Yttrium	89-1	25417005	28662232	28425870	27501702	6.58	cps
Yttrium	89-2	1672313	2066964	1836810	1858696	10.67	cps
Zinc	66-2	533	547	570	550	3.37	cps
Zirconium	90-1	1787	1917	2344	2016	14.45	cps
Zirconium	91-1	413	420	430	421	1.99	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BL Instrumnet Name : P8
Client Sample ID : PBW076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:36:53 DataFile Name : 063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	70	100	83	18.33	cps
Antimony	121-1	320	263	240	274	14.99	cps
Arsenic	75-2	7	0	3	3	100.05	cps
Barium	135-1	237	287	293	272	11.38	cps
Barium	137-1	467	563	447	492	12.68	cps
Beryllium	9-1	509	574	531	538	6.14	cps
Bismuth	209-1	11351764	11259103	11332337	11314401	0.43	cps
Bismuth	209-2	4248119	4225550	4203828	4225832	0.52	cps
Bromine	81-1	6932	7135	7255	7107	2.30	cps
Cadmium	108-1	27	17	30	24	28.38	cps
Cadmium	106-1	7272	7345	7335	7318	0.54	cps
Cadmium	111-1	1476	1504	1456	1479	1.63	cps
Calcium	43-1	867	803	833	834	3.80	cps
Calcium	44-1	14527	14014	14024	14188	2.07	cps
Carbon	12-1	3730417	3676144	3742691	3716417	0.95	cps
Carbon	12-2	27810	28207	27105	27707	2.01	cps
Chlorine	35-1	104762	103107	100784	102884	1.94	cps
Chlorine	35-2	380	327	380	362	8.50	cps
Chromium	52-2	450	497	600	516	14.89	cps
Cobalt	59-2	73	127	73	91	33.80	cps
Copper	63-2	3164	2910	3214	3096	5.25	cps
Dysprosium	156-1	7	20	13	13	49.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	70	90	97	86	16.22	cps
Erbium	164-2	30	27	20	26	19.92	cps
Gadolinium	160-1	57	97	77	77	26.09	cps
Gadolinium	160-2	10	7	17	11	45.82	cps
Holmium	165-1	17614306	17636970	17495771	17582349	0.43	cps
Holmium	165-2	5695924	5729948	5633859	5686577	0.86	cps
Indium	115-1	13634631	13714239	13637870	13662247	0.33	cps
Indium	115-2	1328565	1336932	1320197	1328565	0.63	cps
Iron	54-2	297	287	337	307	8.63	cps
Iron	56-2	3567	3577	3464	3536	1.77	cps
Iron	57-2	80	90	90	87	6.66	cps
Krypton	83-1	167	157	167	163	3.53	cps
Lead	206-1	2007	1974	2014	1998	1.07	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BL Instrumnet Name : P8
Client Sample ID : PBW076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:36:53 DataFile Name : 063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1697	1733	1590	1673	4.45	cps
Lead	208-1	7758	7631	7534	7641	1.47	cps
Lithium	6-1	7781114	7784870	7771766	7779250	0.09	cps
Magnesium	24-2	493	430	450	458	7.07	cps
Manganese	55-2	140	127	170	146	15.25	cps
Molybdenum	94-1	363	337	410	370	10.03	cps
Molybdenum	95-1	237	187	200	208	12.46	cps
Molybdenum	96-1	280	233	310	274	14.08	cps
Molybdenum	97-1	133	87	107	109	21.50	cps
Molybdenum	98-1	240	240	227	236	3.27	cps
Neodymium	150-1	20	27	20	22	17.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1083	1187	1143	1138	4.56	cps
Phosphorus	31-2	47	53	63	54	15.40	cps
Potassium	39-2	9543	9233	8526	9101	5.73	cps
Rhodium	103-1	12615754	12543700	12400914	12520122	0.87	cps
Rhodium	103-2	4612357	4601680	4648903	4620980	0.54	cps
Scandium	45-1	9531646	9441641	9396070	9456452	0.73	cps
Scandium	45-2	174647	177552	174428	175542	0.99	cps
Selenium	82-1	27	37	47	37	27.27	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	3	0	10	4	114.60	cps
Silicon	28-1	396007	391292	395662	394320	0.67	cps
Silver	107-1	253	173	227	218	18.70	cps
Silver	109-1	97	77	103	92	15.05	cps
Sodium	23-2	29610	29102	29289	29334	0.88	cps
Strontium	86-1	330	407	300	346	15.92	cps
Strontium	88-1	367	377	340	361	5.25	cps
Sulfur	34-1	403691	406462	406288	405480	0.38	cps
Terbium	159-1	17930181	18142530	17821096	17964602	0.91	cps
Terbium	159-2	5677347	5551523	5598513	5609128	1.13	cps
Thallium	203-1	560	470	450	493	11.88	cps
Thallium	205-1	1143	1080	990	1071	7.19	cps
Tin	118-1	1387	1540	1490	1472	5.31	cps
Titanium	47-1	183	153	163	167	9.16	cps
Uranium	238-1	60	43	50	51	16.42	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BL Instrumnet Name : P8
Client Sample ID : PBW076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:36:53 DataFile Name : 063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	13	0	8	89.21	cps
Ytterbium	172-1	80	97	70	82	16.39	cps
Ytterbium	172-2	23	37	37	32	23.90	cps
Ytterbium	176-1	2204	2117	2204	2175	2.30	cps
Ytterbium	176-2	323	333	363	340	6.12	cps
Yttrium	89-1	25011390	24878660	24885734	24925261	0.30	cps
Yttrium	89-2	1735139	1739176	1730181	1734832	0.26	cps
Zinc	66-2	500	540	490	510	5.19	cps
Zirconium	90-1	830	837	850	839	1.21	cps
Zirconium	91-1	187	167	217	190	13.25	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BS Instrumnet Name : P8
Client Sample ID : LCS076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:40:14 DataFile Name : 064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3010	2817	2887	2905	3.37	cps
Antimony	121-1	57949	58441	58702	58364	0.66	cps
Arsenic	75-2	467	613	557	546	13.56	cps
Barium	135-1	74094	75948	75257	75100	1.25	cps
Barium	137-1	131222	131013	133360	131865	0.98	cps
Beryllium	9-1	12199	11997	12055	12083	0.86	cps
Bismuth	209-1	11397987	11430919	11073234	11300713	1.75	cps
Bismuth	209-2	4124627	4027036	4143077	4098247	1.52	cps
Bromine	81-1	6865	6895	6778	6846	0.89	cps
Cadmium	108-1	713	633	583	643	10.19	cps
Cadmium	106-1	8756	8813	8483	8684	2.03	cps
Cadmium	111-1	9041	9395	8787	9074	3.37	cps
Calcium	43-1	56511	56430	55219	56053	1.29	cps
Calcium	44-1	898754	909337	903267	903786	0.59	cps
Carbon	12-1	3659370	3615966	3593930	3623089	0.92	cps
Carbon	12-2	25612	25566	25162	25446	0.97	cps
Chlorine	35-1	1417854	1584993	1630735	1544527	7.26	cps
Chlorine	35-2	7018	6715	6845	6859	2.22	cps
Chromium	52-2	13173	12899	12516	12863	2.57	cps
Cobalt	59-2	12025	12319	12192	12179	1.21	cps
Copper	63-2	23229	22798	23697	23241	1.93	cps
Dysprosium	156-1	33	30	20	28	24.98	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	83	87	73	81	8.56	cps
Erbium	164-2	33	33	33	33	0.00	cps
Gadolinium	160-1	97	73	73	81	16.61	cps
Gadolinium	160-2	13	20	13	16	24.76	cps
Holmium	165-1	17965282	18110815	17251796	17775964	2.59	cps
Holmium	165-2	5748974	5448312	5646642	5614642	2.72	cps
Indium	115-1	13942566	14105951	13194806	13747774	3.53	cps
Indium	115-2	1328091	1275141	1315092	1306108	2.11	cps
Iron	54-2	54510	54600	54647	54586	0.13	cps
Iron	56-2	1002889	1010861	1007356	1007035	0.40	cps
Iron	57-2	25626	24965	25967	25520	2.00	cps
Krypton	83-1	203	173	230	202	14.02	cps
Lead	206-1	27990	28070	27586	27882	0.93	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BS Instrumnet Name : P8
Client Sample ID : LCS076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:40:14 DataFile Name : 064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24366	24507	24460	24444	0.29	cps
Lead	208-1	112361	111788	111287	111812	0.48	cps
Lithium	6-1	8019059	8091447	7663685	7924731	2.89	cps
Magnesium	24-2	229177	229261	229675	229371	0.12	cps
Manganese	55-2	3087	2937	2920	2981	3.08	cps
Molybdenum	94-1	62854	61853	63527	62745	1.34	cps
Molybdenum	95-1	77002	77810	77749	77520	0.58	cps
Molybdenum	96-1	83509	84974	85635	84706	1.28	cps
Molybdenum	97-1	46892	47511	47390	47264	0.69	cps
Molybdenum	98-1	123352	124623	123759	123911	0.52	cps
Neodymium	150-1	37	30	23	30	22.23	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	4241	4544	4707	4497	5.27	cps
Phosphorus	31-2	183	187	203	191	5.61	cps
Potassium	39-2	140550	140927	140673	140717	0.14	cps
Rhodium	103-1	12881340	12788779	12336611	12668910	2.30	cps
Rhodium	103-2	4705384	4373531	4584125	4554347	3.69	cps
Scandium	45-1	9716455	9788270	9256411	9587045	3.01	cps
Scandium	45-2	177254	166691	176654	173533	3.42	cps
Selenium	82-1	2490	2350	2660	2500	6.21	cps
Selenium	77-2	43	53	40	46	15.23	cps
Selenium	78-2	147	200	170	172	15.52	cps
Silicon	28-1	705231	707265	706720	706405	0.15	cps
Silver	107-1	38209	39296	38955	38820	1.43	cps
Silver	109-1	36258	38149	36899	37102	2.59	cps
Sodium	23-2	487487	490943	485884	488105	0.53	cps
Strontium	86-1	10431	10698	10821	10650	1.87	cps
Strontium	88-1	88920	90028	91239	90062	1.29	cps
Sulfur	34-1	416589	419051	418709	418116	0.32	cps
Terbium	159-1	18449295	18501807	17325808	18092303	3.67	cps
Terbium	159-2	5595721	5323526	5508037	5475761	2.54	cps
Thallium	203-1	33116	32902	32721	32913	0.60	cps
Thallium	205-1	76353	77841	78650	77615	1.50	cps
Tin	118-1	128482	129199	129138	128940	0.31	cps
Titanium	47-1	30055	31381	30406	30614	2.24	cps
Uranium	238-1	104834	104273	105667	104925	0.67	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : PB166076BS Instrumnet Name : P8
Client Sample ID : LCS076 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:40:14 DataFile Name : 064LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	24842	24561	24768	24724	0.59	cps
Ytterbium	172-1	123	83	93	100	20.82	cps
Ytterbium	172-2	57	40	33	43	27.74	cps
Ytterbium	176-1	2520	2644	2450	2538	3.86	cps
Ytterbium	176-2	387	360	343	363	6.02	cps
Yttrium	89-1	25557001	25253867	24053712	24954860	3.19	cps
Yttrium	89-2	1697291	1649313	1713350	1686651	1.98	cps
Zinc	66-2	5344	5444	5284	5358	1.51	cps
Zirconium	90-1	53917	53870	56152	54647	2.39	cps
Zirconium	91-1	11965	11892	12099	11985	0.88	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-01 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:43:37 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1557	1543	1583	1561	1.30	cps
Antimony	121-1	297	327	303	309	5.10	cps
Arsenic	75-2	80	97	110	96	15.73	cps
Barium	135-1	1578682	1614911	1594568	1596054	1.14	cps
Barium	137-1	2746783	2768933	2801296	2772337	0.99	cps
Beryllium	9-1	1996	2080	2025	2034	2.09	cps
Bismuth	209-1	10536538	10719027	10722193	10659253	1.00	cps
Bismuth	209-2	4054061	4015525	4060842	4043476	0.60	cps
Bromine	81-1	63461	81435	92106	79001	18.33	cps
Cadmium	108-1	133	73	133	113	30.57	cps
Cadmium	106-1	8016	8009	7892	7972	0.87	cps
Cadmium	111-1	2990	2961	2945	2965	0.77	cps
Calcium	43-1	3746798	3853488	3886635	3828974	1.91	cps
Calcium	44-1	61241869	62300251	62739354	62093825	1.24	cps
Carbon	12-1	8951883	10090452	10791768	9944701	9.34	cps
Carbon	12-2	82818	83810	84920	83849	1.25	cps
Chlorine	35-1	9316340	10204038	10730532	10083637	7.09	cps
Chlorine	35-2	45772	45789	45956	45839	0.22	cps
Chromium	52-2	22666365	22573029	22293810	22511068	0.86	cps
Cobalt	59-2	85555	85592	84616	85254	0.65	cps
Copper	63-2	46941	47629	47161	47244	0.74	cps
Dysprosium	156-1	1467	1490	1433	1463	1.95	cps
Dysprosium	156-2	577	517	553	549	5.51	cps
Erbium	164-1	1323	1460	1590	1458	9.15	cps
Erbium	164-2	497	493	507	499	1.39	cps
Gadolinium	160-1	1697	1690	1560	1649	4.67	cps
Gadolinium	160-2	697	697	653	682	3.67	cps
Holmium	165-1	16999814	17633517	17664519	17432617	2.15	cps
Holmium	165-2	5695776	5761332	5763031	5740046	0.67	cps
Indium	115-1	12908147	13467766	13432682	13269532	2.36	cps
Indium	115-2	1306258	1314970	1317209	1312812	0.44	cps
Iron	54-2	770800	773148	773819	772589	0.21	cps
Iron	56-2	711188	717343	713578	714036	0.43	cps
Iron	57-2	17961	18072	17674	17902	1.15	cps
Krypton	83-1	150	183	143	159	13.49	cps
Lead	206-1	3044	3194	3070	3103	2.58	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-01 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:43:37 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2554	2764	2567	2628	4.48	cps
Lead	208-1	12079	12172	12022	12091	0.63	cps
Lithium	6-1	7336179	7427743	7531170	7431698	1.31	cps
Magnesium	24-2	5715785	5768267	5791895	5758649	0.68	cps
Manganese	55-2	592456	596540	597358	595451	0.44	cps
Molybdenum	94-1	1243	1213	1230	1229	1.22	cps
Molybdenum	95-1	1710	1593	1700	1668	3.88	cps
Molybdenum	96-1	1647	1793	1727	1722	4.26	cps
Molybdenum	97-1	903	1080	1023	1002	9.00	cps
Molybdenum	98-1	2557	2474	2510	2514	1.66	cps
Neodymium	150-1	1200	1217	1167	1195	2.13	cps
Neodymium	150-2	193	240	290	241	20.05	cps
Nickel	60-2	344711	341865	342913	343163	0.42	cps
Phosphorus	31-2	417	413	407	412	1.23	cps
Potassium	39-2	225704	225346	223361	224804	0.56	cps
Rhodium	103-1	11377669	11881871	11954271	11737937	2.68	cps
Rhodium	103-2	4526978	4507847	4556768	4530531	0.54	cps
Scandium	45-1	9225886	9494075	9400295	9373418	1.45	cps
Scandium	45-2	175436	175736	176327	175833	0.26	cps
Selenium	82-1	227	197	297	240	21.38	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	13	13	3	10	57.75	cps
Silicon	28-1	155491891	156165814	159692828	157116844	1.44	cps
Silver	107-1	967	800	750	839	13.52	cps
Silver	109-1	797	787	620	734	13.51	cps
Sodium	23-2	11452866	11419757	11461026	11444550	0.19	cps
Strontium	86-1	855879	864975	874370	865075	1.07	cps
Strontium	88-1	7577038	7558165	7678850	7604684	0.85	cps
Sulfur	34-1	1014227	1010052	1023031	1015770	0.65	cps
Terbium	159-1	17361837	17871341	18317908	17850362	2.68	cps
Terbium	159-2	5565921	5601013	5691015	5619317	1.15	cps
Thallium	203-1	810	690	670	723	10.47	cps
Thallium	205-1	1763	1810	1897	1823	3.71	cps
Tin	118-1	4834	4941	4908	4894	1.12	cps
Titanium	47-1	3694	3544	3314	3517	5.45	cps
Uranium	238-1	63698	63823	65293	64271	1.38	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-01 Instrumnet Name : P8
Client Sample ID : MC0B99 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:43:37 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1290	1280	1240	1270	2.08	cps
Ytterbium	172-1	480	457	467	468	2.50	cps
Ytterbium	172-2	177	177	207	187	9.28	cps
Ytterbium	176-1	2414	2550	2617	2527	4.10	cps
Ytterbium	176-2	410	437	480	442	7.99	cps
Yttrium	89-1	23884751	24164335	24830209	24293098	2.00	cps
Yttrium	89-2	1719005	1726093	1737239	1727446	0.53	cps
Zinc	66-2	9643	9940	9683	9756	1.65	cps
Zirconium	90-1	1237	1053	1343	1211	12.11	cps
Zirconium	91-1	353	220	280	284	23.48	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-02 Instrumnet Name : P8
Client Sample ID : MC0BA0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:46:52 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	217	210	227	218	3.85	cps
Antimony	121-1	287	253	367	302	19.27	cps
Arsenic	75-2	43	33	40	39	13.09	cps
Barium	135-1	1130444	1150883	1141172	1140833	0.90	cps
Barium	137-1	2001982	2017021	2015782	2011595	0.41	cps
Beryllium	9-1	614	604	624	614	1.63	cps
Bismuth	209-1	10901241	11273761	11158175	11111059	1.72	cps
Bismuth	209-2	3921896	4238520	4077123	4079180	3.88	cps
Bromine	81-1	68607	80258	86659	78508	11.66	cps
Cadmium	108-1	27	27	27	27	0.00	cps
Cadmium	106-1	7912	8349	8072	8111	2.73	cps
Cadmium	111-1	1700	1765	1742	1736	1.87	cps
Calcium	43-1	3814615	3761898	3861967	3812827	1.31	cps
Calcium	44-1	62089434	61564611	61937839	61863961	0.44	cps
Carbon	12-1	8815140	10137828	10650268	9867745	9.60	cps
Carbon	12-2	79708	79942	79614	79755	0.21	cps
Chlorine	35-1	10103712	11003548	11524259	10877173	6.61	cps
Chlorine	35-2	47387	48989	49314	48563	2.12	cps
Chromium	52-2	76761	75906	76366	76344	0.56	cps
Cobalt	59-2	10664	10604	10684	10651	0.39	cps
Copper	63-2	7272	7249	7415	7312	1.23	cps
Dysprosium	156-1	23	40	33	32	26.04	cps
Dysprosium	156-2	7	3	13	8	65.47	cps
Erbium	164-1	87	117	60	88	32.30	cps
Erbium	164-2	30	23	37	30	22.23	cps
Gadolinium	160-1	93	77	73	81	13.21	cps
Gadolinium	160-2	10	13	30	18	60.28	cps
Holmium	165-1	17684961	18715977	18204959	18201966	2.83	cps
Holmium	165-2	5518689	5964446	5800769	5761301	3.91	cps
Indium	115-1	13530582	14337389	14082622	13983531	2.95	cps
Indium	115-2	1289089	1394578	1339988	1341218	3.93	cps
Iron	54-2	3140	3164	3360	3222	3.75	cps
Iron	56-2	11104	10944	11225	11091	1.27	cps
Iron	57-2	323	393	433	383	14.52	cps
Krypton	83-1	190	140	170	167	15.10	cps
Lead	206-1	2317	2307	2370	2331	1.46	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-02 Instrumnet Name : P8
Client Sample ID : MC0BA0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:46:52 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2137	1957	1887	1994	6.47	cps
Lead	208-1	9338	9051	8938	9109	2.26	cps
Lithium	6-1	7538787	7843829	7870654	7751090	2.38	cps
Magnesium	24-2	5720412	5804448	5712485	5745782	0.89	cps
Manganese	55-2	183021	180516	179540	181026	0.99	cps
Molybdenum	94-1	520	503	523	516	2.08	cps
Molybdenum	95-1	430	377	397	401	6.72	cps
Molybdenum	96-1	300	350	410	353	15.59	cps
Molybdenum	97-1	187	167	177	177	5.66	cps
Molybdenum	98-1	433	447	407	429	4.75	cps
Neodymium	150-1	160	160	143	154	6.23	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	93994	92944	91733	92891	1.22	cps
Phosphorus	31-2	177	147	100	141	27.38	cps
Potassium	39-2	216297	215641	216831	216256	0.28	cps
Rhodium	103-1	12176446	12766482	12563095	12502007	2.40	cps
Rhodium	103-2	4431255	4661942	4547894	4547030	2.54	cps
Scandium	45-1	9704568	10146633	10198589	10016597	2.71	cps
Scandium	45-2	174829	187086	181331	181082	3.39	cps
Selenium	82-1	183	340	253	259	30.31	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	30	23	3	19	73.49	cps
Silicon	28-1	156383764	156396968	156456471	156412401	0.02	cps
Silver	107-1	347	373	380	367	4.81	cps
Silver	109-1	210	263	300	258	17.56	cps
Sodium	23-2	11315192	11390064	11489849	11398369	0.77	cps
Strontium	86-1	886807	898748	904532	896695	1.01	cps
Strontium	88-1	7779109	7795663	7941897	7838890	1.14	cps
Sulfur	34-1	956621	955009	977117	962915	1.28	cps
Terbium	159-1	18268279	18929008	19050386	18749224	2.24	cps
Terbium	159-2	5556268	5922754	5696982	5725335	3.23	cps
Thallium	203-1	767	707	703	726	4.91	cps
Thallium	205-1	1777	1904	1830	1837	3.46	cps
Tin	118-1	2927	2967	2814	2903	2.74	cps
Titanium	47-1	2804	2954	3060	2939	4.39	cps
Uranium	238-1	250	290	287	276	8.05	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-02 Instrumnet Name : P8
Client Sample ID : MC0BA0 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:46:52 DataFile Name : 066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	23	33	21	63.80	cps
Ytterbium	172-1	130	77	117	108	25.75	cps
Ytterbium	172-2	47	53	30	43	27.73	cps
Ytterbium	176-1	2460	2417	2607	2495	3.99	cps
Ytterbium	176-2	263	310	307	293	8.88	cps
Yttrium	89-1	24926012	26138535	26023619	25696055	2.60	cps
Yttrium	89-2	1700826	1820000	1793097	1771308	3.53	cps
Zinc	66-2	2360	2374	2410	2381	1.09	cps
Zirconium	90-1	917	1160	990	1022	12.21	cps
Zirconium	91-1	177	187	230	198	14.33	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-03 Instrumnet Name : P8
Client Sample ID : MC0BA1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:50:10 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257	250	243	250	2.67	cps
Antimony	121-1	617	513	550	560	9.36	cps
Arsenic	75-2	40	50	50	47	12.37	cps
Barium	135-1	696850	697476	700463	698263	0.28	cps
Barium	137-1	1194850	1220326	1232337	1215838	1.57	cps
Beryllium	9-1	554	549	491	531	6.54	cps
Bismuth	209-1	10210280	10605120	11075931	10630444	4.08	cps
Bismuth	209-2	4095415	4163735	4064528	4107893	1.24	cps
Bromine	81-1	68239	84033	90855	81042	14.31	cps
Cadmium	108-1	17	40	33	30	40.05	cps
Cadmium	106-1	7502	7555	7936	7664	3.08	cps
Cadmium	111-1	1552	1576	1654	1594	3.33	cps
Calcium	43-1	3871787	3811681	3933373	3872281	1.57	cps
Calcium	44-1	62828074	62603082	63654147	63028435	0.88	cps
Carbon	12-1	8757629	9816644	10310417	9628230	8.24	cps
Carbon	12-2	76303	77251	77144	76900	0.68	cps
Chlorine	35-1	10765007	11611966	12161383	11512785	6.11	cps
Chlorine	35-2	50404	50996	51334	50911	0.92	cps
Chromium	52-2	77032	77103	76697	76944	0.28	cps
Cobalt	59-2	8613	8516	8513	8547	0.66	cps
Copper	63-2	81029	81133	80499	80887	0.42	cps
Dysprosium	156-1	33	27	30	30	11.10	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	60	93	130	94	37.07	cps
Erbium	164-2	17	47	37	33	45.82	cps
Gadolinium	160-1	103	93	67	88	21.59	cps
Gadolinium	160-2	33	33	10	26	52.71	cps
Holmium	165-1	16445324	18050519	18155481	17550441	5.46	cps
Holmium	165-2	5812572	5971206	5916622	5900133	1.37	cps
Indium	115-1	12738784	13586209	13826604	13383866	4.27	cps
Indium	115-2	1332074	1348382	1340823	1340426	0.61	cps
Iron	54-2	3347	3287	3104	3246	3.91	cps
Iron	56-2	13169	13266	13376	13271	0.78	cps
Iron	57-2	453	423	483	453	6.62	cps
Krypton	83-1	243	153	210	202	22.50	cps
Lead	206-1	329009	335994	341109	335370	1.81	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-03 Instrumnet Name : P8
Client Sample ID : MC0BA1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:50:10 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	274746	280401	284262	279803	1.71	cps
Lead	208-1	1288537	1302209	1322949	1304565	1.33	cps
Lithium	6-1	7198719	7768218	7738034	7568324	4.23	cps
Magnesium	24-2	5857108	5706686	5790977	5784924	1.30	cps
Manganese	55-2	51372	51228	51703	51434	0.47	cps
Molybdenum	94-1	460	443	493	466	5.47	cps
Molybdenum	95-1	390	393	357	380	5.34	cps
Molybdenum	96-1	383	327	373	361	8.38	cps
Molybdenum	97-1	153	167	147	156	6.55	cps
Molybdenum	98-1	363	400	473	412	13.59	cps
Neodymium	150-1	70	80	83	78	8.92	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	114499	114757	113619	114292	0.52	cps
Phosphorus	31-2	133	177	133	148	16.93	cps
Potassium	39-2	226831	225691	224455	225659	0.53	cps
Rhodium	103-1	11290305	12229382	12459672	11993120	5.17	cps
Rhodium	103-2	4573168	4586242	4570945	4576785	0.18	cps
Scandium	45-1	9062802	9709101	9836747	9536216	4.35	cps
Scandium	45-2	182229	182189	180804	181741	0.45	cps
Selenium	82-1	150	270	167	196	33.24	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	20	13	23	19	26.96	cps
Silicon	28-1	156891754	155883591	157933208	156902851	0.65	cps
Silver	107-1	263	343	313	307	13.18	cps
Silver	109-1	203	220	197	207	5.81	cps
Sodium	23-2	11518384	11504080	11375701	11466055	0.69	cps
Strontium	86-1	949618	962531	963176	958442	0.80	cps
Strontium	88-1	8416310	8341015	8350661	8369328	0.49	cps
Sulfur	34-1	956523	962744	962217	960495	0.36	cps
Terbium	159-1	16923575	18105268	18503475	17844106	4.60	cps
Terbium	159-2	5679263	5739392	5736363	5718339	0.59	cps
Thallium	203-1	967	893	827	896	7.82	cps
Thallium	205-1	2027	2067	2100	2065	1.78	cps
Tin	118-1	12993	13050	12973	13005	0.31	cps
Titanium	47-1	2880	2910	2800	2864	1.99	cps
Uranium	238-1	553	400	423	459	18.00	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-03 Instrumnet Name : P8
Client Sample ID : MC0BA1 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:50:10 DataFile Name : 067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	20	33	27	24.99	cps
Ytterbium	172-1	120	117	70	102	27.35	cps
Ytterbium	172-2	27	50	23	33	43.59	cps
Ytterbium	176-1	2244	2267	2260	2257	0.53	cps
Ytterbium	176-2	290	337	327	318	7.73	cps
Yttrium	89-1	23228301	25068525	25266679	24521168	4.58	cps
Yttrium	89-2	1741044	1798078	1764450	1767857	1.62	cps
Zinc	66-2	10000	9920	9627	9849	2.00	cps
Zirconium	90-1	997	1030	1097	1041	4.89	cps
Zirconium	91-1	167	190	273	210	26.70	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04 Instrumnet Name : P8
Client Sample ID : MC0BA2 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:53:26 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710	770	797	759	5.85	cps
Antimony	121-1	727	697	787	737	6.22	cps
Arsenic	75-2	47	53	50	50	6.66	cps
Barium	135-1	648990	663570	668139	660233	1.51	cps
Barium	137-1	1145735	1148217	1172265	1155406	1.27	cps
Beryllium	9-1	461	444	427	444	3.80	cps
Bismuth	209-1	10669715	10869071	10893560	10810782	1.14	cps
Bismuth	209-2	3947501	3952271	4083825	3994532	1.94	cps
Bromine	81-1	64247	75756	81857	73953	12.09	cps
Cadmium	108-1	13	27	37	26	45.82	cps
Cadmium	106-1	7515	7759	7422	7565	2.30	cps
Cadmium	111-1	1524	1560	1472	1519	2.90	cps
Calcium	43-1	3659678	3741407	3716543	3705876	1.13	cps
Calcium	44-1	60143952	60841344	60388901	60458066	0.59	cps
Carbon	12-1	8098775	9150365	9742631	8997257	9.25	cps
Carbon	12-2	72417	73238	73197	72951	0.63	cps
Chlorine	35-1	10769618	11503434	11844879	11372644	4.83	cps
Chlorine	35-2	49377	48906	50177	49487	1.30	cps
Chromium	52-2	467158	467856	467199	467404	0.08	cps
Cobalt	59-2	3404	3407	3594	3468	3.14	cps
Copper	63-2	3891	3907	3871	3889	0.47	cps
Dysprosium	156-1	27	27	13	22	34.66	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	63	110	87	87	26.93	cps
Erbium	164-2	37	33	27	32	15.80	cps
Gadolinium	160-1	83	103	80	89	14.20	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	17671131	17789776	17569291	17676733	0.62	cps
Holmium	165-2	5687187	5641082	5829178	5719149	1.71	cps
Indium	115-1	13102073	13497342	13553808	13384408	1.84	cps
Indium	115-2	1301678	1283477	1347308	1310821	2.51	cps
Iron	54-2	16246	15909	16303	16153	1.32	cps
Iron	56-2	9847	9860	9994	9900	0.82	cps
Iron	57-2	413	363	410	396	7.07	cps
Krypton	83-1	187	183	167	179	5.99	cps
Lead	206-1	1830	1954	1810	1865	4.16	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04 Instrumnet Name : P8
Client Sample ID : MC0BA2 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:53:26 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1613	1460	1637	1570	6.11	cps
Lead	208-1	7451	7067	7218	7245	2.67	cps
Lithium	6-1	7602212	7553592	7637529	7597777	0.55	cps
Magnesium	24-2	5684740	5682943	5584378	5650687	1.02	cps
Manganese	55-2	48883	47482	48345	48237	1.47	cps
Molybdenum	94-1	787	723	733	748	4.55	cps
Molybdenum	95-1	697	790	820	769	8.37	cps
Molybdenum	96-1	940	810	800	850	9.19	cps
Molybdenum	97-1	453	427	533	471	11.78	cps
Molybdenum	98-1	1093	1243	1173	1170	6.42	cps
Neodymium	150-1	70	63	73	69	7.39	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	34351	34064	35003	34473	1.40	cps
Phosphorus	31-2	203	153	163	173	15.26	cps
Potassium	39-2	220421	216990	217534	218315	0.84	cps
Rhodium	103-1	11868610	11936858	12237411	12014293	1.63	cps
Rhodium	103-2	4384313	4420683	4539475	4448157	1.82	cps
Scandium	45-1	9531309	9642717	9685747	9619924	0.83	cps
Scandium	45-2	174533	170006	181616	175385	3.34	cps
Selenium	82-1	167	180	200	182	9.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	20	0	12	87.67	cps
Silicon	28-1	148272501	148448641	150871204	149197449	0.97	cps
Silver	107-1	240	253	297	263	11.25	cps
Silver	109-1	177	147	183	169	11.57	cps
Sodium	23-2	11530912	11643311	11449945	11541389	0.84	cps
Strontium	86-1	968576	980852	982937	977455	0.79	cps
Strontium	88-1	8477019	8622703	8571521	8557081	0.86	cps
Sulfur	34-1	940143	942661	922568	935124	1.17	cps
Terbium	159-1	18074551	17949093	17955748	17993131	0.39	cps
Terbium	159-2	5654208	5458054	5807313	5639858	3.10	cps
Thallium	203-1	1000	873	947	940	6.77	cps
Thallium	205-1	2137	2017	2104	2086	2.97	cps
Tin	118-1	2454	2704	2454	2537	5.69	cps
Titanium	47-1	2764	2854	2820	2813	1.62	cps
Uranium	238-1	1197	1243	1143	1195	4.19	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04 Instrumnet Name : P8
Client Sample ID : MC0BA2 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:53:26 DataFile Name : 068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	707	687	737	710	3.54	cps
Ytterbium	172-1	103	133	120	119	12.65	cps
Ytterbium	172-2	50	23	37	37	36.37	cps
Ytterbium	176-1	2134	2327	2097	2186	5.65	cps
Ytterbium	176-2	310	357	287	318	11.22	cps
Yttrium	89-1	24629768	24938610	25014119	24860832	0.82	cps
Yttrium	89-2	1713268	1705390	1764251	1727636	1.85	cps
Zinc	66-2	507	497	480	494	2.72	cps
Zirconium	90-1	1060	1093	1143	1099	3.82	cps
Zirconium	91-1	230	210	293	244	17.80	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-05 Instrumnet Name : P8
Client Sample ID : MC0BA2D Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:56:43 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	717	797	720	744	6.08	cps
Antimony	121-1	723	703	793	740	6.39	cps
Arsenic	75-2	117	83	87	96	19.21	cps
Barium	135-1	653839	667362	670648	663950	1.34	cps
Barium	137-1	1149305	1166269	1177907	1164494	1.24	cps
Beryllium	9-1	410	422	379	404	5.58	cps
Bismuth	209-1	10269285	10802912	10838600	10636933	3.00	cps
Bismuth	209-2	4041110	3991083	4045289	4025827	0.75	cps
Bromine	81-1	62442	75073	80546	72687	12.77	cps
Cadmium	108-1	17	13	10	13	25.01	cps
Cadmium	106-1	7129	7342	7102	7191	1.83	cps
Cadmium	111-1	1457	1476	1457	1463	0.74	cps
Calcium	43-1	3669372	3766564	3746715	3727550	1.38	cps
Calcium	44-1	59427411	60501857	60508836	60146035	1.03	cps
Carbon	12-1	8076260	9015926	9525541	8872576	8.29	cps
Carbon	12-2	71275	73033	73398	72569	1.56	cps
Chlorine	35-1	10859968	11581229	12081779	11507658	5.34	cps
Chlorine	35-2	49859	49896	50474	50076	0.69	cps
Chromium	52-2	464619	466385	466515	465840	0.23	cps
Cobalt	59-2	3327	3097	3547	3324	6.77	cps
Copper	63-2	4101	3797	4107	4002	4.43	cps
Dysprosium	156-1	20	13	37	23	51.52	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	117	103	83	101	16.60	cps
Erbium	164-2	37	27	33	32	15.80	cps
Gadolinium	160-1	123	113	97	111	12.12	cps
Gadolinium	160-2	13	13	30	19	50.96	cps
Holmium	165-1	17093462	17570723	17945631	17536605	2.44	cps
Holmium	165-2	5714303	5696533	5744947	5718595	0.43	cps
Indium	115-1	12889409	13347872	13668093	13301792	2.94	cps
Indium	115-2	1307212	1302966	1321715	1310631	0.75	cps
Iron	54-2	16186	15932	16396	16171	1.44	cps
Iron	56-2	8623	9063	9180	8955	3.28	cps
Iron	57-2	437	393	380	403	7.35	cps
Krypton	83-1	177	170	183	177	3.78	cps
Lead	206-1	1713	1667	1770	1717	3.01	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-05 Instrumnet Name : P8
Client Sample ID : MC0BA2D Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:56:43 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1537	1513	1453	1501	2.86	cps
Lead	208-1	6867	6777	6901	6849	0.93	cps
Lithium	6-1	7196413	7523439	7721372	7480408	3.54	cps
Magnesium	24-2	5735373	5599199	5665457	5666677	1.20	cps
Manganese	55-2	48582	47716	49141	48480	1.48	cps
Molybdenum	94-1	780	817	783	793	2.56	cps
Molybdenum	95-1	760	730	827	772	6.41	cps
Molybdenum	96-1	767	830	850	816	5.34	cps
Molybdenum	97-1	470	467	453	463	1.90	cps
Molybdenum	98-1	1087	1253	1127	1156	7.53	cps
Neodymium	150-1	67	70	107	81	27.36	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	34819	34315	34124	34419	1.04	cps
Phosphorus	31-2	123	177	153	151	17.70	cps
Potassium	39-2	217576	219673	221260	219503	0.84	cps
Rhodium	103-1	11473480	12133519	12207103	11938034	3.38	cps
Rhodium	103-2	4459330	4459750	4509808	4476296	0.65	cps
Scandium	45-1	9074437	9507618	9644906	9408987	3.16	cps
Scandium	45-2	176060	175170	178152	176461	0.87	cps
Selenium	82-1	217	227	220	221	2.31	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	10	20	10	13	43.30	cps
Silicon	28-1	147777074	147769461	148977818	148174784	0.47	cps
Silver	107-1	247	217	237	233	6.55	cps
Silver	109-1	170	157	163	163	4.08	cps
Sodium	23-2	11483814	11430609	11457260	11457227	0.23	cps
Strontium	86-1	970769	979054	987942	979255	0.88	cps
Strontium	88-1	8512848	8571188	8662936	8582324	0.88	cps
Sulfur	34-1	927675	929682	932224	929860	0.25	cps
Terbium	159-1	17032406	17921659	18144471	17699512	3.32	cps
Terbium	159-2	5614864	5665047	5566505	5615472	0.88	cps
Thallium	203-1	860	923	970	918	6.02	cps
Thallium	205-1	2114	1980	2087	2060	3.42	cps
Tin	118-1	2624	2427	2467	2506	4.15	cps
Titanium	47-1	2557	2720	2754	2677	3.93	cps
Uranium	238-1	1143	1123	1140	1136	0.94	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-05 Instrumnet Name : P8
Client Sample ID : MC0BA2D Dilution Factor : 1
Date & Time Acquired : 2025-01-17 17:56:43 DataFile Name : 069SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	660	660	690	670	2.59	cps
Ytterbium	172-1	123	107	93	108	13.95	cps
Ytterbium	172-2	17	13	23	18	28.64	cps
Ytterbium	176-1	2210	2234	2280	2241	1.59	cps
Ytterbium	176-2	343	317	280	313	10.15	cps
Yttrium	89-1	23798964	24383310	25087669	24423314	2.64	cps
Yttrium	89-2	1720257	1739874	1729685	1729939	0.57	cps
Zinc	66-2	450	457	483	463	3.81	cps
Zirconium	90-1	1093	1087	1150	1110	3.14	cps
Zirconium	91-1	213	247	203	221	10.26	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04LX5 Instrumnet Name : P8
Client Sample ID : MC0BA2L Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:59:59 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	277	190	257	23.09	cps
Antimony	121-1	183	193	240	206	14.71	cps
Arsenic	75-2	17	3	13	11	62.48	cps
Barium	135-1	136349	136214	137001	136521	0.31	cps
Barium	137-1	239376	240445	243253	241025	0.83	cps
Beryllium	9-1	401	377	355	378	6.12	cps
Bismuth	209-1	11197127	11141210	11041200	11126512	0.71	cps
Bismuth	209-2	4171718	4180017	3949669	4100468	3.19	cps
Bromine	81-1	29434	29882	30650	29989	2.05	cps
Cadmium	108-1	13	23	27	21	32.88	cps
Cadmium	106-1	7552	7732	7599	7628	1.23	cps
Cadmium	111-1	1531	1540	1508	1526	1.09	cps
Calcium	43-1	756070	760186	759010	758422	0.28	cps
Calcium	44-1	12383996	12423839	12290824	12366220	0.55	cps
Carbon	12-1	4865724	4837254	4843919	4848966	0.31	cps
Carbon	12-2	34403	34236	34948	34529	1.08	cps
Chlorine	35-1	2759656	2894952	2911662	2855423	2.92	cps
Chlorine	35-2	11538	11878	11782	11733	1.49	cps
Chromium	52-2	96358	97113	96305	96592	0.47	cps
Cobalt	59-2	773	727	747	749	3.13	cps
Copper	63-2	3807	3781	3707	3765	1.38	cps
Dysprosium	156-1	17	10	7	11	45.82	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	113	93	97	15.81	cps
Erbium	164-2	33	23	33	30	19.25	cps
Gadolinium	160-1	63	83	100	82	22.33	cps
Gadolinium	160-2	10	7	23	13	66.12	cps
Holmium	165-1	18056561	17532375	17620900	17736612	1.58	cps
Holmium	165-2	5912836	5747589	5432112	5697512	4.29	cps
Indium	115-1	13650210	13629062	13766281	13681851	0.54	cps
Indium	115-2	1361151	1358582	1266268	1328667	4.07	cps
Iron	54-2	3620	3617	3547	3595	1.15	cps
Iron	56-2	4838	4884	4557	4760	3.71	cps
Iron	57-2	123	137	110	123	10.81	cps
Krypton	83-1	177	183	163	174	5.84	cps
Lead	206-1	1560	1627	1510	1566	3.74	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04LX5 Instrumnet Name : P8
Client Sample ID : MC0BA2L Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:59:59 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1467	1280	1287	1345	7.88	cps
Lead	208-1	6184	6064	5897	6048	2.38	cps
Lithium	6-1	7725932	7548636	7703489	7659352	1.26	cps
Magnesium	24-2	1202949	1179505	1187048	1189834	1.01	cps
Manganese	55-2	10160	10584	9843	10196	3.64	cps
Molybdenum	94-1	503	460	470	478	4.75	cps
Molybdenum	95-1	307	213	277	266	17.94	cps
Molybdenum	96-1	387	360	323	357	8.92	cps
Molybdenum	97-1	150	177	163	163	8.16	cps
Molybdenum	98-1	417	340	457	404	14.66	cps
Neodymium	150-1	40	33	23	32	26.04	cps
Neodymium	150-2	10	0	0	3	173.21	cps
Nickel	60-2	8102	8102	7836	8013	1.92	cps
Phosphorus	31-2	47	103	33	61	60.82	cps
Potassium	39-2	50588	52067	51224	51293	1.45	cps
Rhodium	103-1	12591110	12499314	12627154	12572526	0.52	cps
Rhodium	103-2	4712560	4642286	4350847	4568565	4.20	cps
Scandium	45-1	9746433	9659783	9705031	9703749	0.45	cps
Scandium	45-2	181126	178597	167638	175787	4.08	cps
Selenium	82-1	27	37	87	50	64.30	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	7	7	8	24.71	cps
Silicon	28-1	30826595	30649831	30514517	30663648	0.51	cps
Silver	107-1	173	227	213	204	13.58	cps
Silver	109-1	87	87	87	87	0.00	cps
Sodium	23-2	2377578	2375116	2388055	2380250	0.29	cps
Strontium	86-1	198586	200648	203178	200804	1.15	cps
Strontium	88-1	1779830	1821274	1759683	1786929	1.76	cps
Sulfur	34-1	536100	524602	522561	527754	1.38	cps
Terbium	159-1	18077344	17855783	18182077	18038401	0.92	cps
Terbium	159-2	5782623	5724063	5380443	5629043	3.86	cps
Thallium	203-1	593	637	633	621	3.88	cps
Thallium	205-1	1353	1410	1413	1392	2.42	cps
Tin	118-1	1613	4560	1567	2580	66.46	cps
Titanium	47-1	653	717	837	736	12.66	cps
Uranium	238-1	267	247	257	257	3.90	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-04LX5 Instrumnet Name : P8
Client Sample ID : MC0BA2L Dilution Factor : 5
Date & Time Acquired : 2025-01-17 17:59:59 DataFile Name : 070SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	123	143	167	144	15.01	cps
Ytterbium	172-1	117	117	87	107	16.24	cps
Ytterbium	172-2	10	40	23	24	61.49	cps
Ytterbium	176-1	2247	2190	2180	2206	1.63	cps
Ytterbium	176-2	240	343	283	289	17.96	cps
Yttrium	89-1	25095300	25225973	25297452	25206242	0.41	cps
Yttrium	89-2	1793689	1763747	1655200	1737545	4.19	cps
Zinc	66-2	437	423	407	422	3.56	cps
Zirconium	90-1	903	827	847	859	4.63	cps
Zirconium	91-1	210	203	217	210	3.17	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-06 Instrumnet Name : P8
Client Sample ID : MC0BA2S Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:03:18 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	136567	136490	138700	137252	0.91	cps
Antimony	121-1	1473944	1513730	1515944	1501206	1.57	cps
Arsenic	75-2	11164	10911	11748	11275	3.81	cps
Barium	135-1	8465057	8669711	8642103	8592290	1.29	cps
Barium	137-1	14617801	14875768	14580126	14691232	1.10	cps
Beryllium	9-1	275800	281002	279766	278856	0.97	cps
Bismuth	209-1	10867038	10812997	10701397	10793811	0.78	cps
Bismuth	209-2	4108996	4021754	4073063	4067938	1.08	cps
Bromine	81-1	56136	70335	77677	68049	16.09	cps
Cadmium	108-1	12849	13176	13073	13033	1.28	cps
Cadmium	106-1	24552	26362	25624	25513	3.57	cps
Cadmium	111-1	184014	188161	190269	187481	1.70	cps
Calcium	43-1	3634018	3781510	3694529	3703352	2.00	cps
Calcium	44-1	59161339	60426722	60578402	60055488	1.30	cps
Carbon	12-1	7107785	8212632	9145897	8155438	12.51	cps
Carbon	12-2	68385	68854	69674	68971	0.95	cps
Chlorine	35-1	43317408	46822739	48624236	46254794	5.83	cps
Chlorine	35-2	204221	206381	208844	206482	1.12	cps
Chromium	52-2	1136874	1133595	1140968	1137146	0.32	cps
Cobalt	59-2	3104594	3112109	3123689	3113464	0.31	cps
Copper	63-2	1187845	1194213	1193791	1191950	0.30	cps
Dysprosium	156-1	147	133	90	123	24.02	cps
Dysprosium	156-2	0	13	13	9	86.60	cps
Erbium	164-1	100	123	83	102	19.66	cps
Erbium	164-2	37	40	40	39	4.94	cps
Gadolinium	160-1	113	77	97	96	19.21	cps
Gadolinium	160-2	20	17	23	20	16.65	cps
Holmium	165-1	17803293	17708396	17930497	17814062	0.63	cps
Holmium	165-2	5769275	5820626	5810281	5800060	0.47	cps
Indium	115-1	13677059	13601225	13706950	13661745	0.40	cps
Indium	115-2	1346286	1349523	1366235	1354015	0.79	cps
Iron	54-2	177741	180281	178989	179004	0.71	cps
Iron	56-2	2682558	2632961	2678431	2664650	1.03	cps
Iron	57-2	65680	65938	65740	65786	0.20	cps
Krypton	83-1	183	187	190	187	1.78	cps
Lead	206-1	259214	263924	267215	263451	1.53	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-06 Instrumnet Name : P8
Client Sample ID : MC0BA2S Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:03:18 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	225889	226258	230112	227420	1.03	cps
Lead	208-1	1032777	1049705	1059364	1047282	1.29	cps
Lithium	6-1	7639803	7620345	7619719	7626622	0.15	cps
Magnesium	24-2	5679808	5684115	5653440	5672454	0.29	cps
Manganese	55-2	770117	764549	767357	767341	0.36	cps
Molybdenum	94-1	1150	1040	1220	1137	7.98	cps
Molybdenum	95-1	1240	1420	1470	1377	8.79	cps
Molybdenum	96-1	1527	1573	1497	1532	2.52	cps
Molybdenum	97-1	750	803	743	766	4.30	cps
Molybdenum	98-1	1953	2137	2040	2044	4.49	cps
Neodymium	150-1	760	680	807	749	8.55	cps
Neodymium	150-2	23	37	17	26	39.85	cps
Nickel	60-2	869136	872557	873321	871671	0.26	cps
Phosphorus	31-2	150	140	177	156	12.19	cps
Potassium	39-2	219338	219314	224756	221136	1.42	cps
Rhodium	103-1	12158076	12120885	12279486	12186149	0.68	cps
Rhodium	103-2	4570385	4591266	4611481	4591044	0.45	cps
Scandium	45-1	9737549	9752566	9930119	9806745	1.09	cps
Scandium	45-2	179397	179505	180539	179814	0.35	cps
Selenium	82-1	24201	24756	24983	24647	1.63	cps
Selenium	77-2	450	357	420	409	11.65	cps
Selenium	78-2	1450	1430	1323	1401	4.86	cps
Silicon	28-1	145971888	147112488	148199821	147094732	0.76	cps
Silver	107-1	974456	997040	1011201	994232	1.86	cps
Silver	109-1	932747	954691	966049	951162	1.78	cps
Sodium	23-2	11515064	11515040	11531963	11520689	0.08	cps
Strontium	86-1	961652	983804	988280	977912	1.46	cps
Strontium	88-1	8494675	8655694	8719875	8623415	1.35	cps
Sulfur	34-1	920508	924840	929759	925036	0.50	cps
Terbium	159-1	18420846	18304489	18728082	18484472	1.18	cps
Terbium	159-2	5678624	5674263	5713260	5688716	0.38	cps
Thallium	203-1	808890	814335	821675	814967	0.79	cps
Thallium	205-1	1962608	1998769	1936617	1965998	1.59	cps
Tin	118-1	4838	4951	4961	4916	1.39	cps
Titanium	47-1	3000	2940	3030	2990	1.53	cps
Uranium	238-1	1183	1243	1180	1202	2.96	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-06 Instrumnet Name : P8
Client Sample ID : MC0BA2S Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:03:18 DataFile Name : 071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1276295	1286285	1284251	1282277	0.41	cps
Ytterbium	172-1	133	130	160	141	11.65	cps
Ytterbium	172-2	40	33	20	31	32.73	cps
Ytterbium	176-1	2127	2314	2294	2245	4.57	cps
Ytterbium	176-2	303	277	277	286	5.39	cps
Yttrium	89-1	25237550	25194608	25387680	25273279	0.40	cps
Yttrium	89-2	1760320	1783519	1764819	1769553	0.70	cps
Zinc	66-2	242874	241687	244478	243013	0.58	cps
Zirconium	90-1	1297	1353	1290	1313	2.65	cps
Zirconium	91-1	353	373	383	370	4.13	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-07 Instrumnet Name : P8
Client Sample ID : MC0BA4 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:06:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	950	817	830	866	8.48	cps
Antimony	121-1	3244	3490	3484	3406	4.13	cps
Arsenic	75-2	63	90	77	77	17.39	cps
Barium	135-1	677189	687303	695785	686759	1.36	cps
Barium	137-1	1181183	1203172	1213910	1199422	1.39	cps
Beryllium	9-1	455	470	466	464	1.68	cps
Bismuth	209-1	10914590	11004672	11137437	11018900	1.02	cps
Bismuth	209-2	4059284	4106808	4086663	4084252	0.58	cps
Bromine	81-1	61471	72107	77851	70476	11.79	cps
Cadmium	108-1	43	43	27	38	25.46	cps
Cadmium	106-1	8129	7842	7929	7967	1.85	cps
Cadmium	111-1	1782	1641	1744	1722	4.22	cps
Calcium	43-1	3799235	3942215	3921095	3887515	1.99	cps
Calcium	44-1	61311656	62913019	63533332	62586002	1.83	cps
Carbon	12-1	8274684	9361285	9996906	9210959	9.46	cps
Carbon	12-2	75037	75217	75509	75254	0.32	cps
Chlorine	35-1	176169191	190940577	196325230	187811666	5.56	cps
Chlorine	35-2	840231	841882	843320	841811	0.18	cps
Chromium	52-2	491866	501204	494358	495809	0.98	cps
Cobalt	59-2	3500	3634	3787	3641	3.94	cps
Copper	63-2	14004	15735	15455	15065	6.17	cps
Dysprosium	156-1	20	30	37	29	29.04	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	117	110	53	93	37.29	cps
Erbium	164-2	37	37	33	36	5.42	cps
Gadolinium	160-1	70	117	73	87	30.04	cps
Gadolinium	160-2	23	23	37	28	27.73	cps
Holmium	165-1	18020656	18028682	18303732	18117690	0.89	cps
Holmium	165-2	5845599	5830619	5839153	5838457	0.13	cps
Indium	115-1	13786280	13580317	14008260	13791619	1.55	cps
Indium	115-2	1357234	1353864	1355326	1355475	0.12	cps
Iron	54-2	17104	17551	17464	17373	1.37	cps
Iron	56-2	11468	11915	12075	11819	2.66	cps
Iron	57-2	473	457	353	428	15.20	cps
Krypton	83-1	203	173	203	193	8.96	cps
Lead	206-1	6595	7396	7395	7129	6.48	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-07 Instrumnet Name : P8
Client Sample ID : MC0BA4 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:06:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5628	6355	6418	6134	7.16	cps
Lead	208-1	25700	29317	29427	28148	7.53	cps
Lithium	6-1	7803400	7898605	7932858	7878288	0.85	cps
Magnesium	24-2	6032969	6028151	5994034	6018385	0.35	cps
Manganese	55-2	57569	58245	57944	57919	0.58	cps
Molybdenum	94-1	850	827	893	857	3.95	cps
Molybdenum	95-1	973	1003	1063	1013	4.52	cps
Molybdenum	96-1	1080	1093	1000	1058	4.77	cps
Molybdenum	97-1	613	510	630	584	11.12	cps
Molybdenum	98-1	1573	1537	1627	1579	2.87	cps
Neodymium	150-1	270	340	233	281	19.28	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	36427	36229	37001	36552	1.10	cps
Phosphorus	31-2	160	203	190	184	12.03	cps
Potassium	39-2	236693	238364	236586	237214	0.42	cps
Rhodium	103-1	12241304	12489008	12552476	12427596	1.32	cps
Rhodium	103-2	4682560	4639731	4683033	4668441	0.53	cps
Scandium	45-1	9698420	9928112	10116570	9914368	2.11	cps
Scandium	45-2	186294	187179	188917	187463	0.71	cps
Selenium	82-1	187	277	150	204	31.88	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	23	3	13	13	75.02	cps
Silicon	28-1	150774754	154708284	156130834	153871291	1.80	cps
Silver	107-1	4497	3664	3771	3977	11.41	cps
Silver	109-1	4044	3324	3397	3588	11.05	cps
Sodium	23-2	12179955	12430558	12259329	12289947	1.04	cps
Strontium	86-1	997133	1014770	1039382	1017095	2.09	cps
Strontium	88-1	8839692	8773142	8997991	8870275	1.30	cps
Sulfur	34-1	974327	1004309	1011263	996633	1.97	cps
Terbium	159-1	18058269	18370111	18439413	18289264	1.11	cps
Terbium	159-2	5738918	5672329	5770105	5727117	0.87	cps
Thallium	203-1	14028	16410	16067	15502	8.31	cps
Thallium	205-1	33320	39386	37825	36844	8.55	cps
Tin	118-1	6435	7205	7352	6997	7.04	cps
Titanium	47-1	2714	2830	2930	2825	3.84	cps
Uranium	238-1	1250	1287	1283	1273	1.59	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : Q1085-07 Instrumnet Name : P8
Client Sample ID : MC0BA4 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:06:28 DataFile Name : 072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	930	740	837	836	11.37	cps
Ytterbium	172-1	257	280	293	277	6.71	cps
Ytterbium	172-2	23	37	83	48	65.94	cps
Ytterbium	176-1	2280	2337	2314	2310	1.23	cps
Ytterbium	176-2	243	363	313	307	19.66	cps
Yttrium	89-1	25116962	25431972	26144325	25564420	2.06	cps
Yttrium	89-2	1833055	1794978	1852849	1826961	1.61	cps
Zinc	66-2	850	957	930	912	6.09	cps
Zirconium	90-1	1093	1007	1070	1057	4.24	cps
Zirconium	91-1	260	197	193	217	17.34	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P8
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:13:37 DataFile Name : 073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3120185	3133837	3167073	3140365	0.77	cps
Antimony	121-1	6757168	6826241	6765875	6783095	0.55	cps
Arsenic	75-2	123398	125539	125523	124820	0.99	cps
Barium	135-1	8675465	8830497	8821426	8775796	0.99	cps
Barium	137-1	15002025	15296992	15306690	15201902	1.14	cps
Beryllium	9-1	2555470	2554042	2485942	2531818	1.57	cps
Bismuth	209-1	9729718	9628340	9488791	9615616	1.26	cps
Bismuth	209-2	3585383	3520158	3488856	3531466	1.39	cps
Bromine	81-1	10371	10147	10384	10301	1.29	cps
Cadmium	108-1	139188	138497	139978	139221	0.53	cps
Cadmium	106-1	202455	202331	203636	202807	0.36	cps
Cadmium	111-1	1618300	1653118	1626651	1632690	1.11	cps
Calcium	43-1	12593578	12730203	12626697	12650159	0.56	cps
Calcium	44-1	206884384	205919804	204391870	205732019	0.61	cps
Carbon	12-1	4059431	4060265	4085523	4068406	0.36	cps
Carbon	12-2	33385	33658	33645	33563	0.46	cps
Chlorine	35-1	1420091	1358179	1298638	1358969	4.47	cps
Chlorine	35-2	5041	4634	4758	4811	4.34	cps
Chromium	52-2	1514884	1534210	1513565	1520886	0.76	cps
Cobalt	59-2	2704981	2678205	2731097	2704761	0.98	cps
Copper	63-2	19050559	19233316	19171059	19151645	0.49	cps
Dysprosium	156-1	337	427	500	421	19.43	cps
Dysprosium	156-2	100	100	110	103	5.59	cps
Erbium	164-1	447	470	520	479	7.82	cps
Erbium	164-2	130	137	113	127	9.49	cps
Gadolinium	160-1	383	327	407	372	11.05	cps
Gadolinium	160-2	143	127	157	142	10.57	cps
Holmium	165-1	17151793	16888056	16763479	16934443	1.17	cps
Holmium	165-2	5431041	5344889	5354273	5376734	0.88	cps
Indium	115-1	12266811	12080759	12100718	12149429	0.84	cps
Indium	115-2	1181678	1169966	1184175	1178606	0.64	cps
Iron	54-2	14886689	15009254	15239835	15045259	1.19	cps
Iron	56-2	278074409	277777323	276169863	277340531	0.37	cps
Iron	57-2	6958217	6946373	6956977	6953856	0.09	cps
Krypton	83-1	223	240	287	250	13.13	cps
Lead	206-1	28636440	28730082	28702736	28689753	0.17	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P8
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:13:37 DataFile Name : 073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	24325826	24759579	24395210	24493539	0.95	cps
Lead	208-1	112820236	114104050	113733542	113552609	0.58	cps
Lithium	6-1	7077054	6953877	6825723	6952218	1.81	cps
Magnesium	24-2	53645073	53074758	53916944	53545591	0.80	cps
Manganese	55-2	6410615	6386064	6472483	6423054	0.69	cps
Molybdenum	94-1	24901161	25184070	25473156	25186129	1.14	cps
Molybdenum	95-1	36422677	36419196	36621571	36487815	0.32	cps
Molybdenum	96-1	40108299	39965910	39674164	39916124	0.55	cps
Molybdenum	97-1	22488688	22232410	22560034	22427044	0.77	cps
Molybdenum	98-1	59354517	59129352	60015892	59499921	0.77	cps
Neodymium	150-1	907	950	893	917	3.23	cps
Neodymium	150-2	60	73	73	69	11.17	cps
Nickel	60-2	702697	699791	709724	704071	0.73	cps
Phosphorus	31-2	27954	26915	27740	27536	1.99	cps
Potassium	39-2	15367800	15425450	15613990	15469080	0.83	cps
Rhodium	103-1	10820132	10390504	10629275	10613304	2.03	cps
Rhodium	103-2	3932320	3907414	3944292	3928009	0.48	cps
Scandium	45-1	8994622	8939634	8826037	8920097	0.96	cps
Scandium	45-2	167706	166013	168407	167375	0.74	cps
Selenium	82-1	108111	107520	108793	108141	0.59	cps
Selenium	77-2	1943	1903	1777	1875	4.64	cps
Selenium	78-2	6321	6148	6291	6254	1.48	cps
Silicon	28-1	20709357	20634566	20640286	20661403	0.20	cps
Silver	107-1	8613453	8673660	8523635	8603582	0.88	cps
Silver	109-1	8226295	8036668	8090238	8117733	1.20	cps
Sodium	23-2	106249998	106241522	106673728	106388416	0.23	cps
Strontium	86-1	2579792	2621577	2636507	2612625	1.13	cps
Strontium	88-1	22120047	22037744	21952686	22036826	0.38	cps
Sulfur	34-1	1051064	1057019	1050619	1052901	0.34	cps
Terbium	159-1	17333405	17038154	17044682	17138747	0.98	cps
Terbium	159-2	5303489	5236042	5273360	5270964	0.64	cps
Thallium	203-1	7405894	7424893	7401106	7410631	0.17	cps
Thallium	205-1	17539717	17509310	17309908	17452978	0.72	cps
Tin	118-1	5834135	5869416	5817151	5840234	0.46	cps
Titanium	47-1	11165271	11288971	11217872	11224038	0.55	cps
Uranium	238-1	24480966	25045095	24660012	24728691	1.17	cps

LB Number : LB134335 Operator : Jaswal
Lab Sample ID : CCV005 Instrumnet Name : P8
Client Sample ID : CCV005 Dilution Factor : 1
Date & Time Acquired : 2025-01-17 18:13:37 DataFile Name : 073CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1156684	1158156	1159108	1157982	0.11	cps
Ytterbium	172-1	467	460	490	472	3.34	cps
Ytterbium	172-2	197	203	190	197	3.39	cps
Ytterbium	176-1	36594	36651	37069	36771	0.70	cps
Ytterbium	176-2	11782	11829	11792	11801	0.21	cps
Yttrium	89-1	23529644	23074144	23283925	23295904	0.98	cps
Yttrium	89-2	1621841	1625108	1640906	1629285	0.63	cps
Zinc	66-2	2051481	2064695	2038337	2051504	0.64	cps
Zirconium	90-1	12610881	12889760	12786969	12762537	1.11	cps
Zirconium	91-1	2921046	2877486	2876258	2891597	0.88	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113	97	103	104	8.03	cps
Antimony	121-1	1583	1333	1073	1330	19.17	cps
Arsenic	75-2	0	7	17	8	107.84	cps
Barium	135-1	613	610	483	569	13.03	cps
Barium	137-1	837	947	837	873	7.27	cps
Beryllium	9-1	791	780	702	758	6.38	cps
Bismuth	209-1	11141054	11195348	10923307	11086570	1.30	cps
Bismuth	209-2	4195727	4137834	4083470	4139010	1.36	cps
Bromine	81-1	9156	9266	9146	9190	0.72	cps
Cadmium	108-1	27	47	23	32	39.17	cps
Cadmium	106-1	7549	7616	7629	7598	0.56	cps
Cadmium	111-1	1611	1620	1623	1618	0.38	cps
Calcium	43-1	967	1040	990	999	3.75	cps
Calcium	44-1	18178	19780	17925	18628	5.40	cps
Carbon	12-1	3045356	2984418	2947630	2992468	1.65	cps
Carbon	12-2	21105	20274	20321	20567	2.27	cps
Chlorine	35-1	885076	849892	819367	851445	3.86	cps
Chlorine	35-2	3227	2794	2904	2975	7.57	cps
Chromium	52-2	607	577	563	582	3.81	cps
Cobalt	59-2	130	137	160	142	11.08	cps
Copper	63-2	4274	4267	4404	4315	1.79	cps
Dysprosium	156-1	7	17	7	10	57.72	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	93	80	83	86	8.11	cps
Erbium	164-2	37	23	13	24	47.91	cps
Gadolinium	160-1	83	83	117	94	20.38	cps
Gadolinium	160-2	13	13	20	16	24.76	cps
Holmium	165-1	17410663	17368127	17349008	17375933	0.18	cps
Holmium	165-2	5611822	5727270	5673351	5670815	1.02	cps
Indium	115-1	13567698	13520449	13361023	13483057	0.80	cps
Indium	115-2	1312191	1306751	1307221	1308721	0.23	cps
Iron	54-2	587	630	590	602	4.00	cps
Iron	56-2	10160	10167	10297	10208	0.76	cps
Iron	57-2	240	297	220	252	15.77	cps
Krypton	83-1	173	170	173	172	1.12	cps
Lead	206-1	3180	3044	2777	3000	6.84	cps

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Lab Sample ID : CCB005 Instrumnet Name : P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2694	2720	2437	2617	5.98	cps
Lead	208-1	12459	12296	11205	11987	5.69	cps
Lithium	6-1	7536095	7531191	7532109	7533132	0.03	cps
Magnesium	24-2	1633	1490	1487	1537	5.45	cps
Manganese	55-2	347	320	300	322	7.26	cps
Molybdenum	94-1	1450	1430	1257	1379	7.71	cps
Molybdenum	95-1	1717	1690	1563	1657	4.95	cps
Molybdenum	96-1	2067	2077	1757	1967	9.25	cps
Molybdenum	97-1	1190	1043	877	1037	15.12	cps
Molybdenum	98-1	2717	2870	2390	2659	9.22	cps
Neodymium	150-1	33	23	10	22	52.68	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1180	1147	1083	1137	4.32	cps
Phosphorus	31-2	37	33	20	30	29.40	cps
Potassium	39-2	9430	8986	9433	9283	2.77	cps
Rhodium	103-1	12587113	12372238	12205573	12388308	1.54	cps
Rhodium	103-2	4609259	4582304	4550309	4580624	0.64	cps
Scandium	45-1	9438273	9382653	9464560	9428495	0.44	cps
Scandium	45-2	173436	172977	172480	172964	0.28	cps
Selenium	82-1	67	73	57	66	12.81	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Silicon	28-1	399766	398381	397079	398409	0.34	cps
Silver	107-1	1443	1277	1210	1310	9.18	cps
Silver	109-1	1260	1107	927	1098	15.20	cps
Sodium	23-2	35129	35480	34357	34989	1.64	cps
Strontium	86-1	417	390	427	411	4.61	cps
Strontium	88-1	913	953	893	920	3.32	cps
Sulfur	34-1	391053	390318	395506	392292	0.72	cps
Terbium	159-1	17775892	17848349	17762111	17795451	0.26	cps
Terbium	159-2	5614006	5604407	5526760	5581725	0.86	cps
Thallium	203-1	1427	1150	1167	1248	12.43	cps
Thallium	205-1	3100	2884	2674	2886	7.39	cps
Tin	118-1	1537	1483	1493	1505	1.88	cps
Titanium	47-1	447	497	427	457	7.90	cps
Uranium	238-1	807	833	723	788	7.28	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	20	53	39	43.98	cps
Ytterbium	172-1	110	127	100	112	12.01	cps
Ytterbium	172-2	10	33	37	27	54.49	cps
Ytterbium	176-1	2337	2197	2344	2292	3.61	cps
Ytterbium	176-2	333	277	333	314	10.40	cps
Yttrium	89-1	24806310	24497140	24444575	24582675	0.80	cps
Yttrium	89-2	1718846	1706125	1735712	1720228	0.86	cps
Zinc	66-2	410	403	463	426	7.73	cps
Zirconium	90-1	1490	1517	1307	1438	7.95	cps
Zirconium	91-1	350	300	263	304	14.29	cps