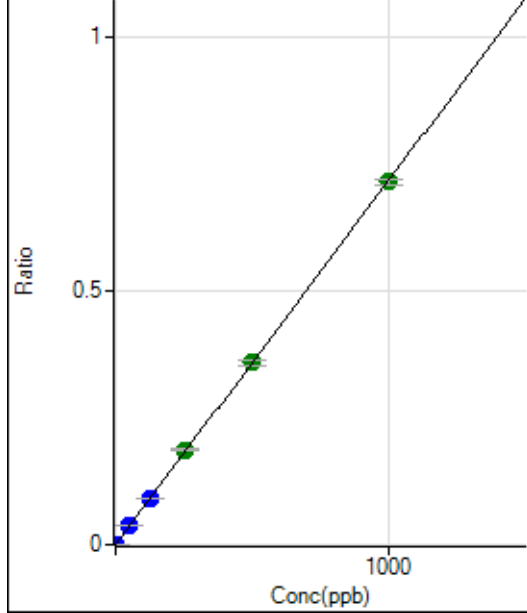


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020625MS.b\
Analysis File: P8020625MS.batch.bin
DA Date-Time: 2025-02-06 19:18:37
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-02-06 12:08:54
2	005CALS.d	S02	2025-02-06 12:12:13
3	006CALB.d	S03	2025-02-06 12:15:34
4	007CALS.d	S04	2025-02-06 12:18:35
5	008CALS.d	S05	2025-02-06 12:21:31
6	009CALS.d	S06	2025-02-06 12:24:18
7	010CALS.d	S07	2025-02-06 12:27:05
8	011CALS.d	S08	2025-02-06 12:29:51

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	299.55	0.0000	P	5.7
2	☐	1.000	1.105	7601.02	0.0008	P	0.6
3	☐	50.000	50.575	325755.46	0.0363	P	1.3
4	☐	125.000	125.563	807230.92	0.0901	P	1.6
5	☐	250.000	260.917	1646635.43	0.1871	A	0.5
6	☐	500.000	500.895	3065868.83	0.3592	A	3.1
7	☐	1000.000	996.724	5979788.32	0.7148	A	1.6
8	☐			2023.23	0.0003	P	11.1

$$y = 7.1714\text{E-}004 * x + 3.3052\text{E-}005$$

$$R = 0.9999$$

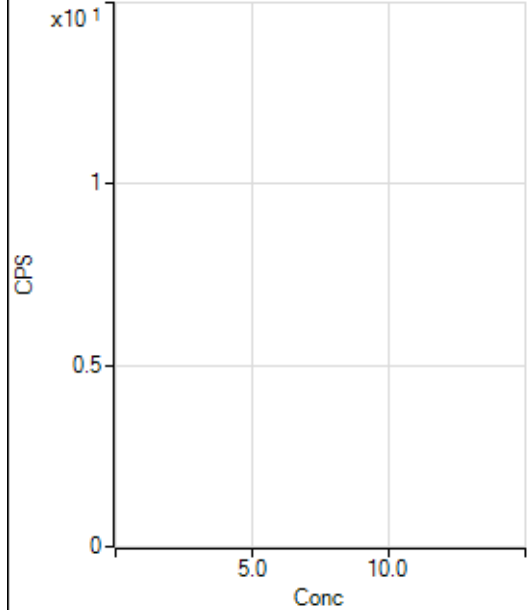
$$DL = 0.007867$$

$$BEC = 0.04609$$

Weight: <None>

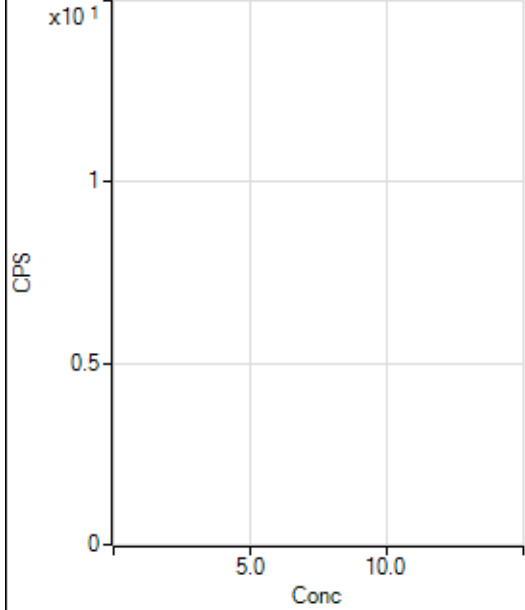
Min Conc: 0

12 C [No Gas] No available calibration points



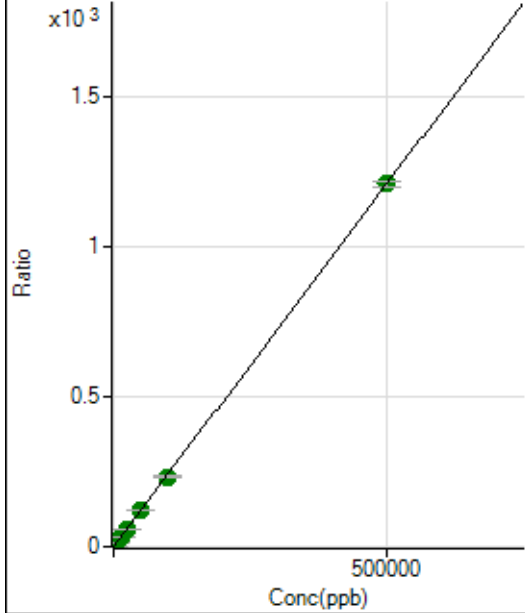
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6492331.71		A	0.7
2	☐			6780051.43		A	0.7
3	☐			6653098.58		A	1.2
4	☐			6841966.70		A	0.5
5	☐			7057636.77		A	0.6
6	☐			7200802.81		A	2.1
7	☐			8096407.59		A	2.2
8	☐			7003234.76		A	0.7

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			42841.20		P	0.9
2	☐			44617.46		P	0.3
3	☐			43829.54		P	0.7
4	☐			45526.89		P	1.0
5	☐			47830.88		P	0.7
6	☐			49713.77		P	1.3
7	☐			57866.65		P	0.4
8	☐			61869.36		P	1.6

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55760.32	0.2382	P	0.6
2	☐	500.000	521.089	349842.29	1.4970	P	0.3
3	☐	5000.000	4951.978	2822057.88	12.2014	A	1.9
4	☐	12500.000	12372.251	6956311.28	30.1275	A	0.7
5	☐	25000.000	24836.823	13768986.32	60.2399	A	0.5
6	☐	50000.000	50354.134	26222550.72	121.8856	A	0.4
7	☐	100000.00	96513.484	51640965.34	233.3991	A	1.1
8	☐	500000.00	500673.70	248800967.4	1,209.784	A	1.9

$$y = 0.0024 * x + 0.2382$$

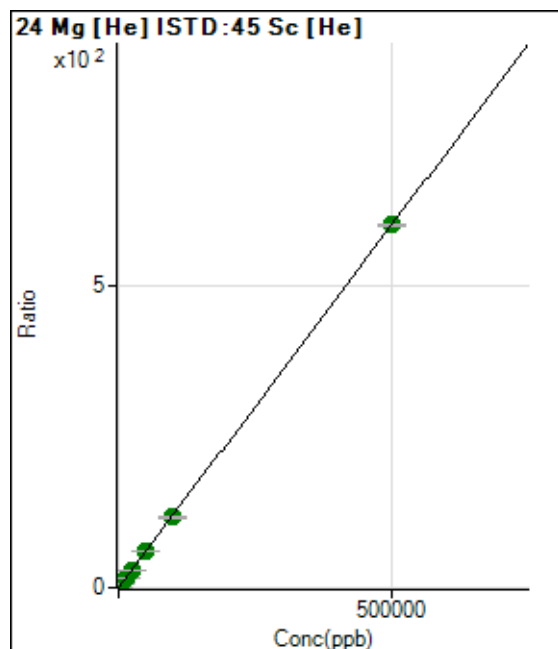
$$R = 1.0000$$

$$DL = 1.699$$

$$BEC = 98.59$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4650.78	0.0199	P	2.6
2	☐	500.000	534.109	154607.72	0.6616	P	0.1
3	☐	5000.000	5034.854	1403842.83	6.0693	A	1.4
4	☐	12500.000	12614.920	3504109.32	15.1768	A	0.6
5	☐	25000.000	25091.272	6895103.51	30.1672	A	0.5
6	☐	50000.000	50833.316	13143176.75	61.0964	A	0.5
7	☐	100000.00	97128.939	25824302.67	116.7208	A	1.4
8	☐	500000.00	500483.06	123685942.6	601.3531	A	0.3

$$y = 0.0012 * x + 0.0199$$

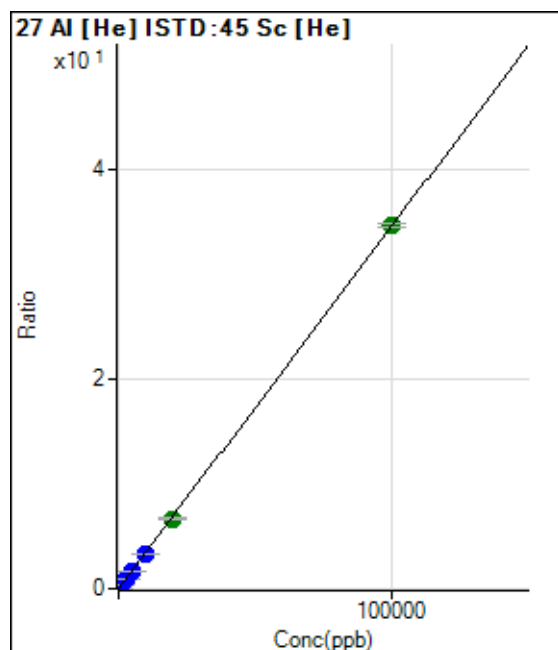
$$R = 1.0000$$

$$DL = 1.277$$

$$BEC = 16.53$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0003	P	23.6
2	☐	20.000	20.337	1722.34	0.0074	P	2.1
3	☐	1000.000	958.242	76785.46	0.3320	P	2.2
4	☐	2500.000	2402.443	192068.14	0.8319	P	0.3
5	☐	5000.000	4822.560	381570.92	1.6695	P	0.7
6	☐	10000.000	9741.780	725378.44	3.3721	P	1.1
7	☐	20000.000	19343.237	1481358.52	6.6953	A	0.9
8	☐	100000.00	100168.90	7130685.38	34.6704	A	1.1

$$y = 3.4612E-004 * x + 3.3179E-004$$

$$R = 1.0000$$

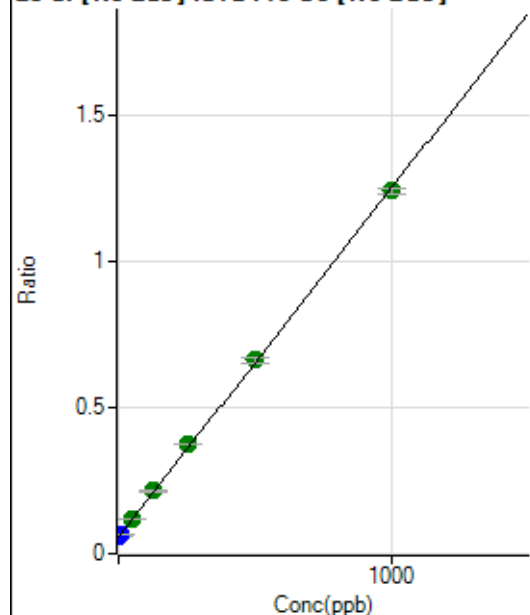
$$DL = 0.6799$$

$$BEC = 0.9586$$

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	649404.83	0.0569	P	2.1
2	☐	10.000	7.787	744095.66	0.0662	P	0.6
3	☐	50.000	52.460	1330772.59	0.1195	A	0.6
4	☐	125.000	132.061	2365208.98	0.2145	A	1.6
5	☐	250.000	265.033	4064727.09	0.3732	A	0.6
6	☐	500.000	507.374	7128445.59	0.6625	A	3.0
7	☐	1000.000	991.571	13161651.47	1.2405	A	1.3
8	☐			810986.71	0.0842	P	1.1

$$y = 0.0012 * x + 0.0569$$

R = 0.9998

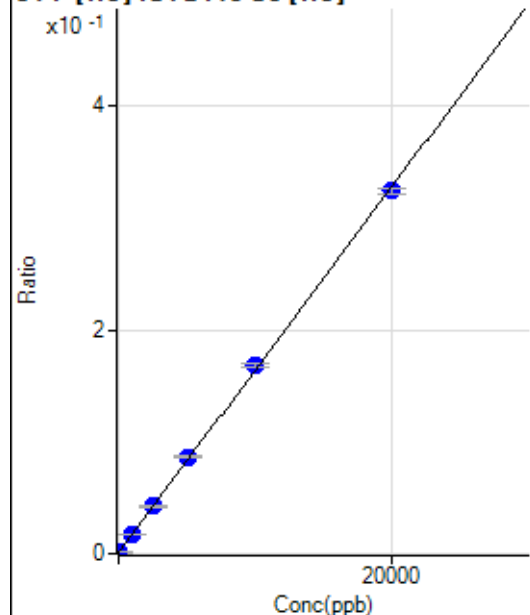
DL = 2.998

BEC = 47.64

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.210	110.00	0.0005	P	21.6
2	☐	0.000	18.210	248.89	0.0011	P	12.5
3	☐	1000.000	1010.216	3995.04	0.0173	P	6.8
4	☐	2500.000	2533.847	9735.56	0.0422	P	1.4
5	☐	5000.000	5252.014	19789.14	0.0866	P	1.4
6	☐	10000.000	10268.387	36251.89	0.1685	P	1.6
7	☐	20000.000	19798.061	71736.05	0.3242	P	1.3
8	☐			111.11	0.0005	P	22.0

$$y = 1.6338E-005 * x + 7.6787E-004$$

R = 0.9998

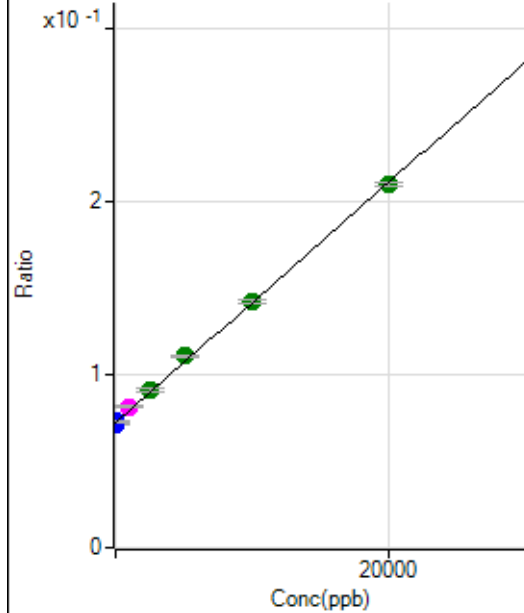
DL = 21.59

BEC = 47

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	-85.005	819535.25	0.0718	P	2.4
2	☐	0.000	85.005	820440.18	0.0730	P	0.9
3	☐	1000.000	1299.045	906511.04	0.0814	M	1.2
4	☐	2500.000	2756.900	1009217.73	0.0915	A	2.0
5	☐	5000.000	5535.280	1207156.98	0.1109	A	1.6
6	☐	10000.000	10066.160	1532039.70	0.1424	A	1.8
7	☐	20000.000	19786.035	2227605.89	0.2099	A	1.1
8	☐			665329.30	0.0691	P	2.3

$$y = 6.9536E-006 * x + 0.0724$$

R = 0.9995

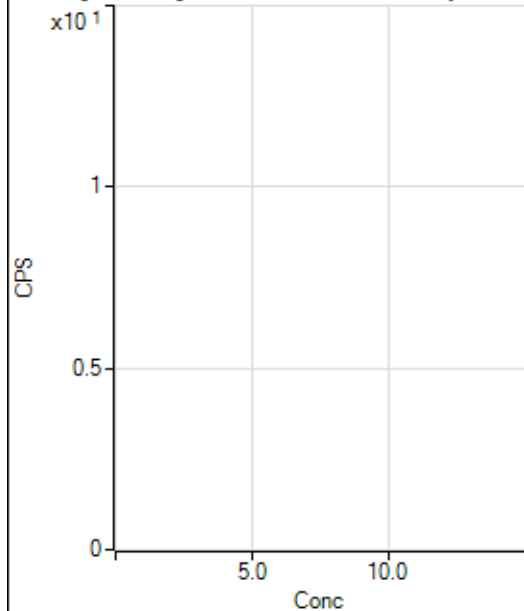
DL = 506.2

BEC = 1.041E+04

Weight: <None>

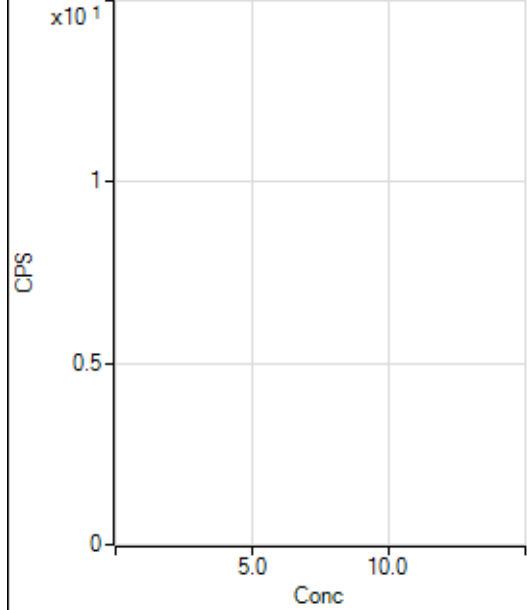
Min Conc: 0

35 Cl [No Gas] No available calibration points



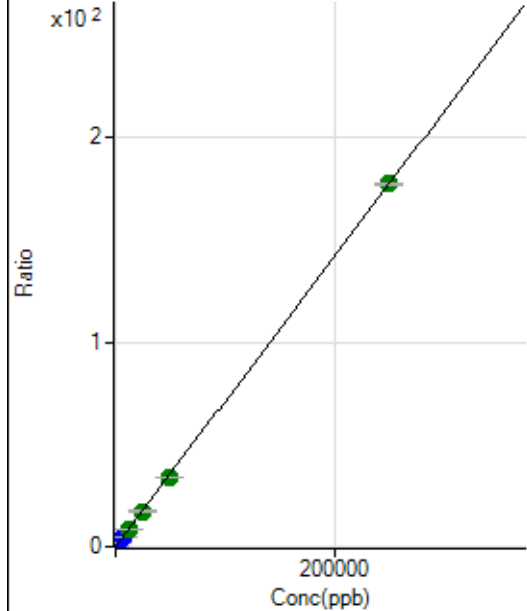
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			167891.88		P	0.4
2	☐			169064.32		P	0.9
3	☐			163879.92		P	0.5
4	☐			164354.36		P	0.5
5	☐			171655.02		P	0.4
6	☐			175272.29		P	0.5
7	☐			197625.40		P	1.5
8	☐			156089.64		P	0.7

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			690.02		P	7.8
2	☐			717.81		P	9.8
3	☐			686.69		P	5.1
4	☐			700.03		P	6.4
5	☐			713.36		P	7.3
6	☐			726.69		P	2.9
7	☐			876.70		P	4.9
8	☐			691.14		P	4.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13211.70	0.0564	P	1.3
2	☐	500.000	508.771	97328.29	0.4165	P	0.7
3	☐	2500.000	2369.609	400974.09	1.7334	P	0.7
4	☐	6250.000	5988.420	991539.96	4.2945	P	0.8
5	☐	12500.000	12363.353	2012754.64	8.8062	A	1.5
6	☐	25000.000	24429.184	3731054.67	17.3454	A	1.5
7	☐	50000.000	47709.475	7483021.42	33.8212	A	1.2
8	☐	250000.00	250529.84	36479288.07	177.3607	A	0.4

$$y = 7.0772E-004 * x + 0.0564$$

$$R = 1.0000$$

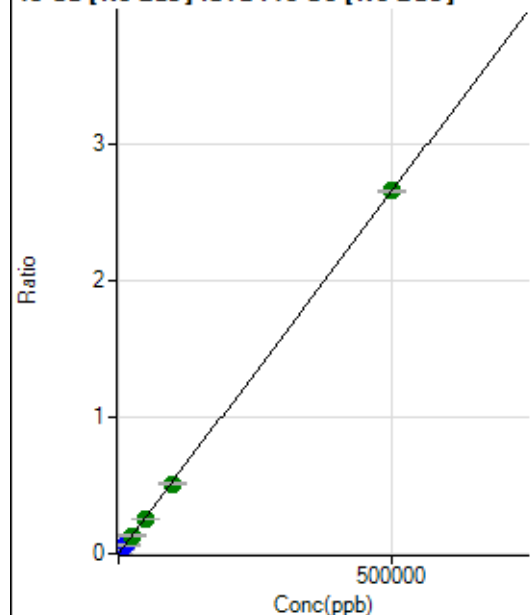
$$DL = 3.228$$

$$BEC = 79.73$$

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	690.02	0.0001	P	4.2
2	☐	500.000	518.193	31534.58	0.0028	P	1.1
3	☐	5000.000	4786.836	282942.43	0.0254	P	1.1
4	☐	12500.000	12036.520	703282.84	0.0638	P	2.5
5	☐	25000.000	25094.048	1447565.15	0.1329	A	1.3
6	☐	50000.000	48032.999	2736593.88	0.2544	A	4.1
7	☐	100000.00	96259.368	5408626.03	0.5097	A	1.4
8	☐	500000.00	500953.82	25543196.01	2.6525	A	0.7

$$y = 5.2947E-006 * x + 6.0374E-005$$

$$R = 1.0000$$

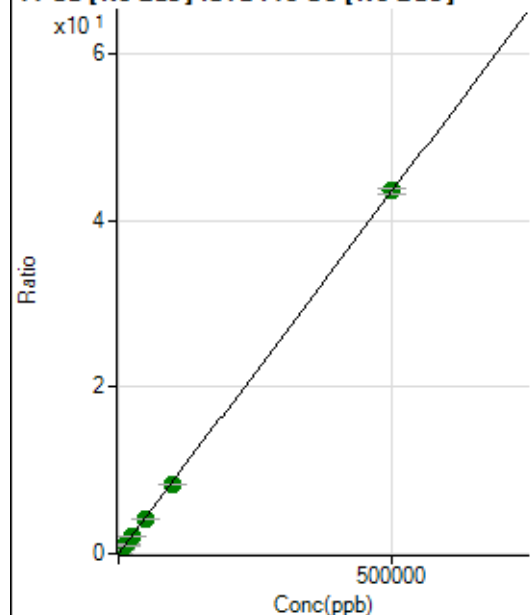
$$DL = 1.451$$

$$BEC = 11.4$$

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	34224.02	0.0030	P	1.5
2	☐	500.000	510.497	532926.39	0.0474	P	1.0
3	☐	5000.000	4752.829	4636360.49	0.4163	A	0.5
4	☐	12500.000	11950.698	11491016.08	1.0422	A	2.0
5	☐	25000.000	24363.907	23105687.71	2.1216	A	1.5
6	☐	50000.000	47208.658	44206963.79	4.1082	A	2.5
7	☐	100000.00	95505.588	88153443.13	8.3080	A	0.8
8	☐	500000.00	501226.01	419745478.1	43.5889	A	1.3

$$y = 8.6959E-005 * x + 0.0030$$

$$R = 0.9999$$

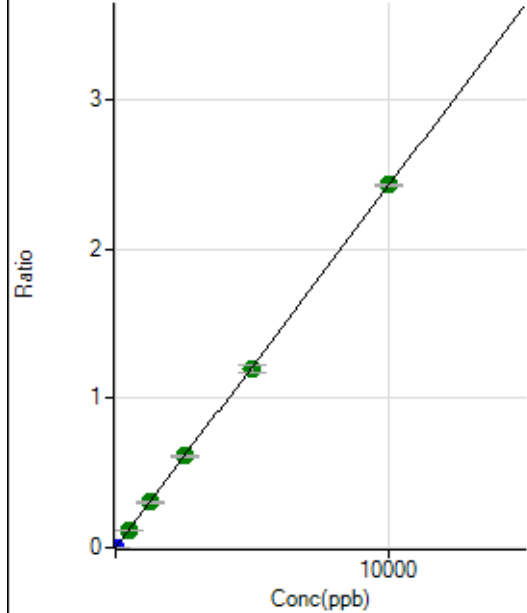
$$DL = 1.565$$

$$BEC = 34.46$$

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	246.67	0.0000	P	1.9
2	☐	5.000	5.314	14716.55	0.0013	P	1.7
3	☐	500.000	498.276	1344304.79	0.1207	A	1.6
4	☐	1250.000	1251.929	3343781.55	0.3032	A	1.7
5	☐	2500.000	2534.076	6684766.36	0.6138	A	1.3
6	☐	5000.000	4942.644	12880212.45	1.1972	A	3.4
7	☐	10000.000	10020.004	25751142.12	2.4269	A	0.3
8	☐			3381.55	0.0004	P	6.8

$$y = 2.4221E-004 * x + 2.1592E-005$$

$$R = 1.0000$$

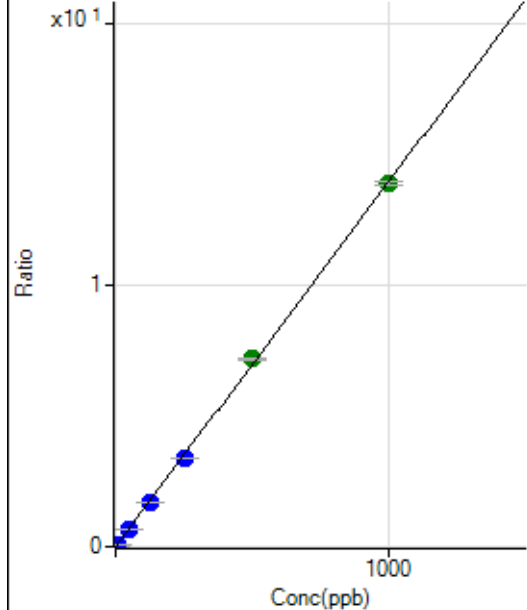
$$DL = 0.005208$$

$$BEC = 0.08915$$

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	6.67	0.0000	P	49.3
2	☐	5.000	5.249	17095.88	0.0732	P	2.8
3	☐	50.000	47.997	154668.62	0.6687	P	1.8
4	☐	125.000	120.733	388370.26	1.6821	P	0.4
5	☐	250.000	243.612	775720.42	3.3940	P	0.8
6	☐	500.000	514.457	1541841.30	7.1675	A	1.1
7	☐	1000.000	995.001	3067117.63	13.8624	A	0.9
8	☐			821.14	0.0040	P	7.0

$$y = 0.0139 * x + 2.8398E-005$$

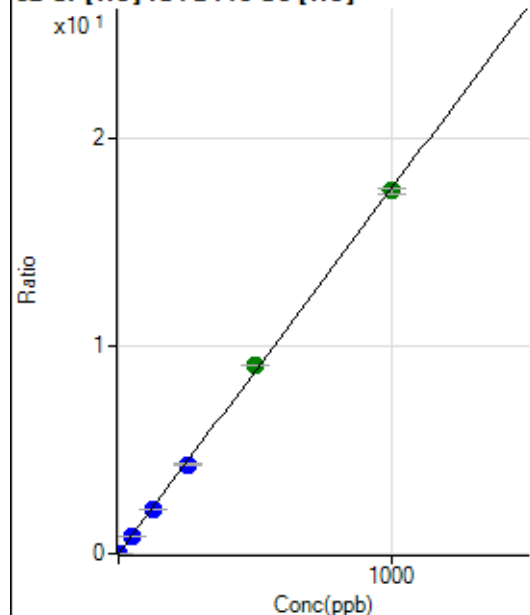
$$R = 0.9998$$

$$DL = 0.003017$$

$$BEC = 0.002038$$

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	1676.78	0.0072	P	4.8
2	☐	2.000	2.097	10296.00	0.0441	P	2.4
3	☐	50.000	48.670	199693.88	0.8633	P	1.1
4	☐	125.000	121.497	495134.91	2.1445	P	0.3
5	☐	250.000	244.524	984774.30	4.3087	P	0.6
6	☐	500.000	516.772	1957243.77	9.0979	A	0.1
7	☐	1000.000	993.487	3868422.75	17.4839	A	1.8
8	☐			9464.32	0.0460	P	2.6

$$y = 0.0176 * x + 0.0072$$

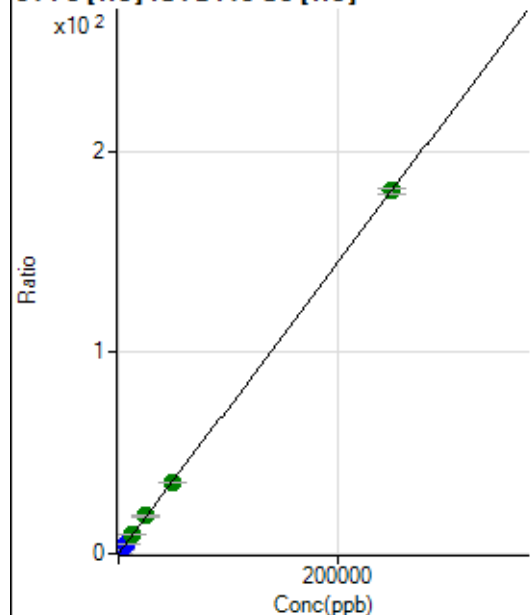
$$R = 0.9998$$

$$DL = 0.05836$$

$$BEC = 0.4072$$

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	548.91	0.0023	P	10.2
2	☐	50.000	55.250	9862.35	0.0422	P	2.1
3	☐	2500.000	2477.871	413996.65	1.7900	P	2.0
4	☐	6250.000	6182.846	1030387.67	4.4628	P	0.9
5	☐	12500.000	12753.925	2103592.02	9.2034	A	1.1
6	☐	25000.000	25860.234	4013241.82	18.6587	A	2.4
7	☐	50000.000	49181.686	7850713.22	35.4834	A	1.4
8	☐	250000.00	250066.84	37104507.78	180.4078	A	1.4

$$y = 7.2143E-004 * x + 0.0023$$

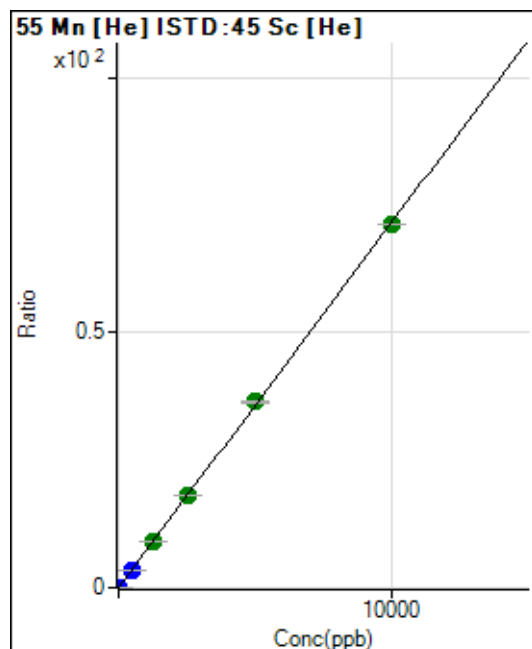
$$R = 1.0000$$

$$DL = 0.9953$$

$$BEC = 3.251$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0006	P	0.8
2	☐	1.000	1.063	1917.93	0.0082	P	6.6
3	☐	500.000	491.924	814525.97	3.5217	P	1.9
4	☐	1250.000	1280.839	2116839.95	9.1685	A	1.4
5	☐	2500.000	2543.569	4161235.15	18.2067	A	0.7
6	☐	5000.000	5093.562	7843167.52	36.4588	A	0.4
7	☐	10000.000	9938.876	15740324.63	71.1401	A	0.1
8	☐			6856.16	0.0333	P	3.7

$$y = 0.0072 * x + 6.0273E-004$$

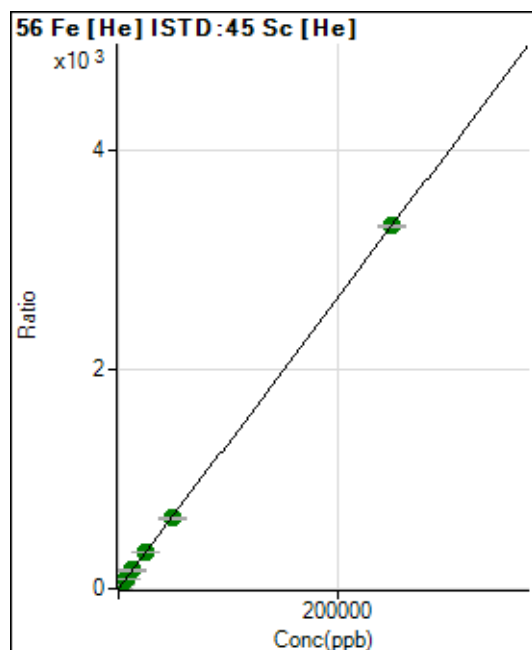
$$R = 0.9999$$

$$DL = 0.00201$$

$$BEC = 0.08421$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6719.42	0.0287	P	6.5
2	☐	50.000	53.740	172473.19	0.7381	P	0.6
3	☐	2500.000	2495.735	7626117.11	32.9716	A	1.8
4	☐	6250.000	6289.400	19174160.27	83.0469	A	0.7
5	☐	12500.000	12677.636	38252405.54	167.3697	A	1.7
6	☐	25000.000	25462.262	72307056.14	336.1229	A	0.7
7	☐	50000.000	48540.308	141766919.0	640.7461	A	0.9
8	☐	250000.00	250235.88	679358478.7	3.303.066	A	0.9

$$y = 0.0132 * x + 0.0287$$

$$R = 1.0000$$

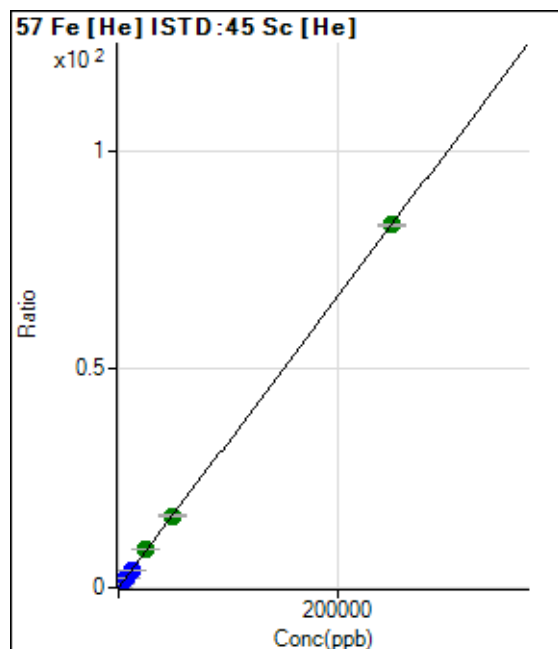
$$DL = 0.4211$$

$$BEC = 2.175$$

Weight: <None>

Min Conc: 0

Calibration for 004CALB.d



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	194.45	0.0008	P	11.6
2	☐	50.000	51.927	4222.89	0.0181	P	4.3
3	☐	2500.000	2453.575	188621.39	0.8155	P	1.8
4	☐	6250.000	6107.893	468434.01	2.0289	P	0.6
5	☐	12500.000	12320.743	935197.80	4.0918	P	1.1
6	☐	25000.000	26145.578	1867412.80	8.6821	A	2.3
7	☐	50000.000	49627.171	3646140.36	16.4788	A	1.5
8	☐	250000.00	249972.98	17071398.63	83.0006	A	0.7

$$y = 3.3204\text{E-}004 * x + 8.3101\text{E-}004$$

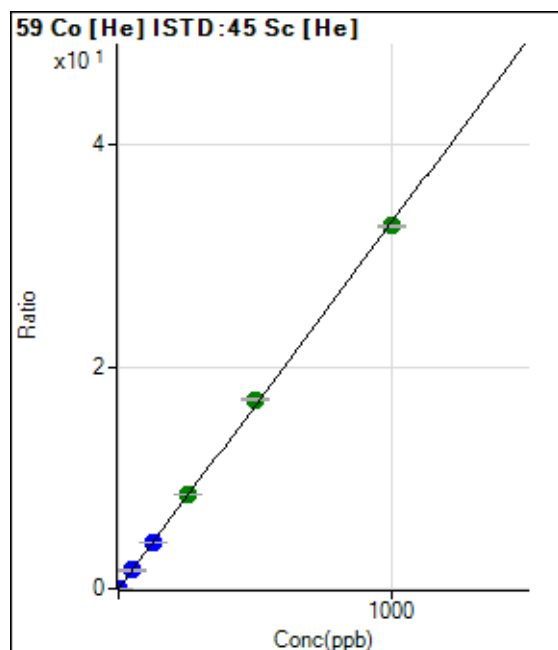
$$R = 1.0000$$

$$DL = 0.8674$$

$$BEC = 2.503$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.44	0.0004	P	15.6
2	☐	1.000	1.177	9179.70	0.0393	P	1.9
3	☐	50.000	50.076	382669.05	1.6545	P	1.7
4	☐	125.000	124.309	948132.41	4.1064	P	0.1
5	☐	250.000	257.214	1941901.15	8.4964	A	0.6
6	☐	500.000	515.060	3659759.08	17.0132	A	1.1
7	☐	1000.000	990.749	7240736.56	32.7257	A	0.5
8	☐			15191.56	0.0739	P	3.1

$$y = 0.0330 * x + 4.0309\text{E-}004$$

$$R = 0.9998$$

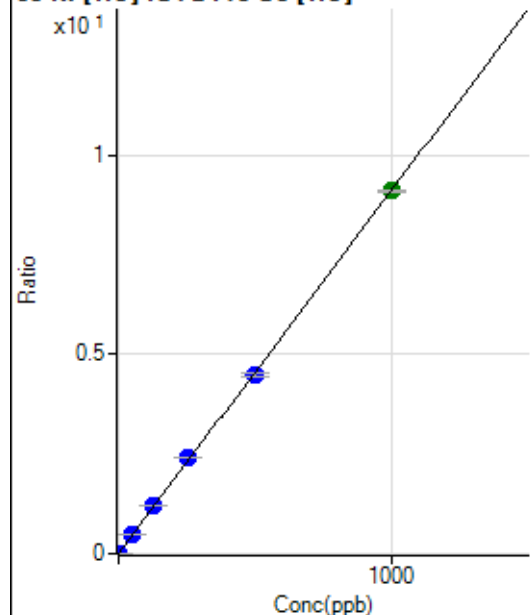
$$DL = 0.005726$$

$$BEC = 0.0122$$

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	715.58	0.0031	P	4.3
2	☐	1.000	1.099	3054.80	0.0131	P	4.8
3	☐	50.000	52.813	112078.86	0.4846	P	2.1
4	☐	125.000	133.262	281245.83	1.2181	P	0.1
5	☐	250.000	265.984	554979.55	2.4282	P	0.8
6	☐	500.000	492.336	966228.30	4.4920	P	1.8
7	☐	1000.000	998.663	2015333.86	9.1086	A	0.6
8	☐			6512.65	0.0317	P	1.4

$$y = 0.0091 * x + 0.0031$$

$$R = 0.9998$$

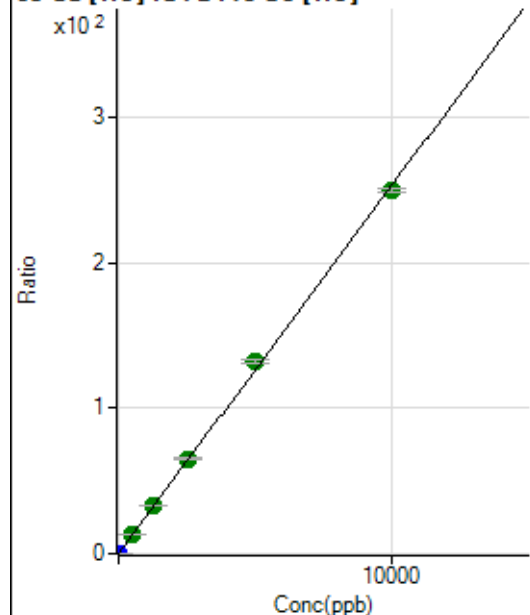
$$DL = 0.04348$$

$$BEC = 0.3351$$

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	3802.77	0.0162	P	4.4
2	☐	2.000	2.241	17038.11	0.0729	P	0.6
3	☐	500.000	523.552	3065583.67	13.2546	A	2.1
4	☐	1250.000	1288.834	7528313.99	32.6051	A	0.6
5	☐	2500.000	2583.770	14935792.28	65.3483	A	0.8
6	☐	5000.000	5218.698	28386633.47	131.9739	A	2.0
7	☐	10000.000	9863.677	55185646.40	249.4248	A	1.2
8	☐			11343.52	0.0551	P	0.8

$$y = 0.0253 * x + 0.0162$$

$$R = 0.9996$$

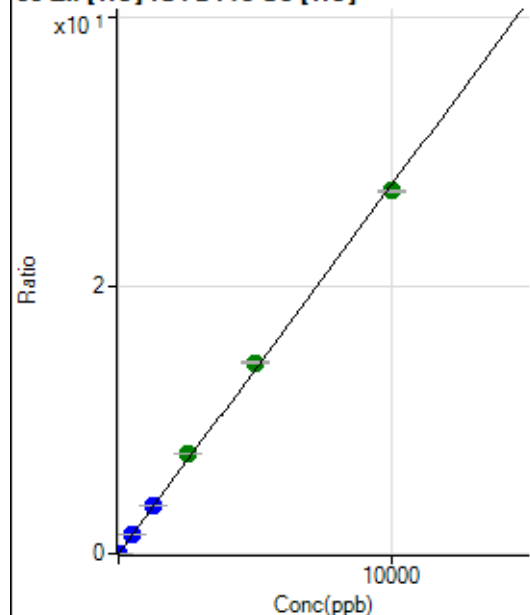
$$DL = 0.08399$$

$$BEC = 0.6425$$

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	336.67	0.0014	P	3.4
2	☐	5.000	5.367	3781.65	0.0162	P	5.4
3	☐	500.000	518.470	329779.38	1.4258	P	1.7
4	☐	1250.000	1302.186	826299.04	3.5788	P	0.3
5	☐	2500.000	2706.708	1699886.59	7.4373	A	1.3
6	☐	5000.000	5188.463	3066439.99	14.2551	A	1.6
7	☐	10000.000	9846.645	5985352.27	27.0520	A	0.6
8	☐			2943.67	0.0143	P	4.9

$$y = 0.0027 * x + 0.0014$$

$$R = 0.9995$$

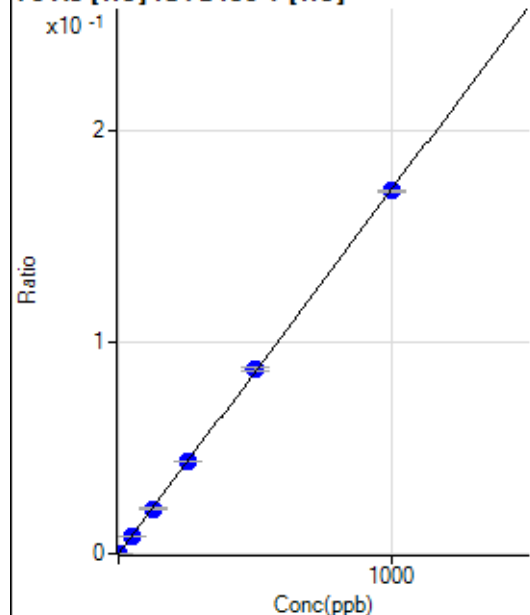
$$DL = 0.05348$$

$$BEC = 0.5236$$

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	6.67	0.0000	P	51.4
2	☐	1.000	1.101	410.01	0.0002	P	12.0
3	☐	50.000	49.317	18056.10	0.0085	P	1.9
4	☐	125.000	123.585	45255.79	0.0213	P	1.0
5	☐	250.000	254.042	90612.10	0.0437	P	1.3
6	☐	500.000	505.347	173574.69	0.0870	P	2.2
7	☐	1000.000	996.527	347359.22	0.1716	P	0.9
8	☐			225.56	0.0001	P	7.3

$$y = 1.7215E-004 * x + 3.0948E-006$$

$$R = 1.0000$$

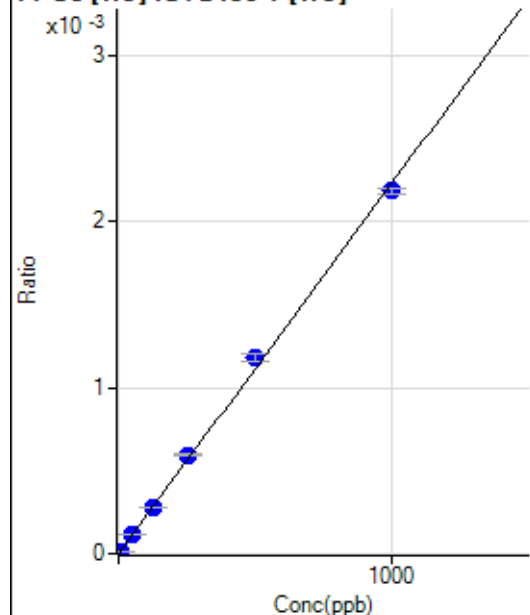
$$DL = 0.02769$$

$$BEC = 0.01798$$

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	4.451	21.11	0.0000	P	45.7
3	☐	50.000	52.248	247.78	0.0001	P	6.2
4	☐	125.000	124.836	592.24	0.0003	P	3.0
5	☐	250.000	266.663	1232.29	0.0006	P	3.1
6	☐	500.000	530.681	2361.34	0.0012	P	4.5
7	☐	1000.000	980.405	4428.52	0.0022	P	1.8
8	☐			1.11	0.0000	P	173.

$$y = 2.2306\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9991$$

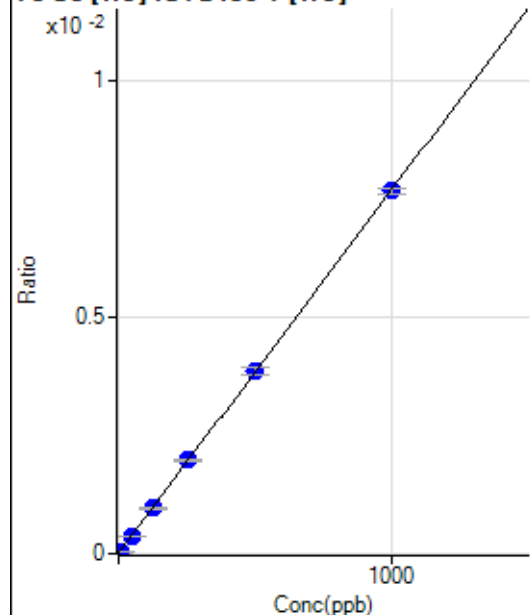
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	69.4
2	☐	5.000	4.161	84.44	0.0000	P	22.3
3	☐	50.000	47.734	795.59	0.0004	P	4.4
4	☐	125.000	124.666	2052.40	0.0010	P	4.6
5	☐	250.000	256.667	4099.52	0.0020	P	1.3
6	☐	500.000	501.636	7699.95	0.0039	P	3.3
7	☐	1000.000	997.674	15527.52	0.0077	P	1.4
8	☐			6.67	0.0000	P	50.0

$$y = 7.6790\text{E-}006 * x + 7.7181\text{E-}006$$

$$R = 1.0000$$

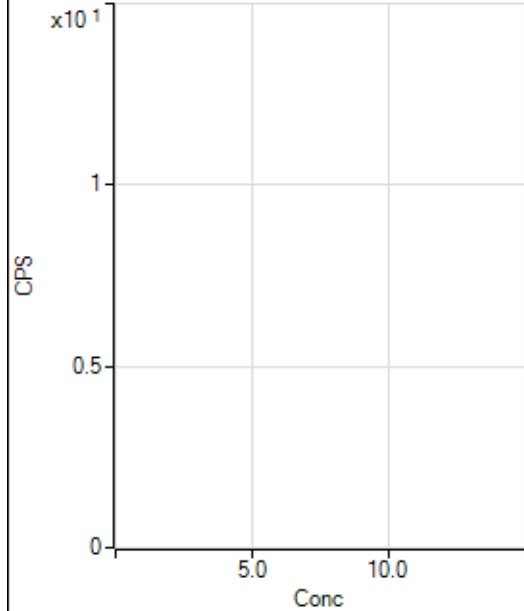
$$DL = 2.093$$

$$BEC = 1.005$$

Weight: <None>

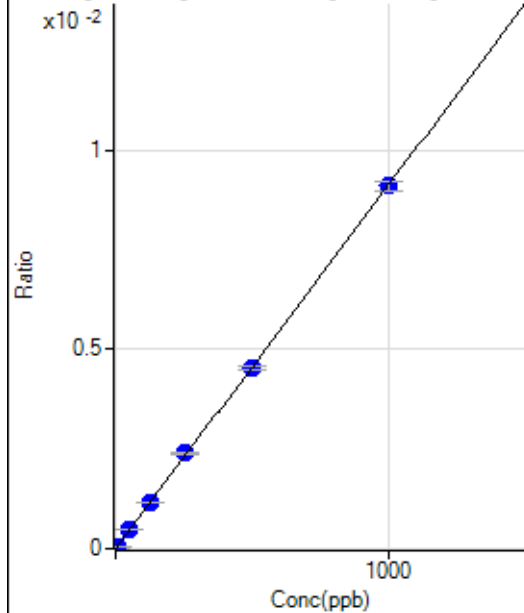
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4261.80		P	3.0
2	☐			4142.87		P	4.0
3	☐			4071.74		P	3.5
4	☐			3906.14		P	0.3
5	☐			4032.84		P	2.3
6	☐			3793.88		P	6.9
7	☐			4015.06		P	1.6
8	☐			4030.63		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	20.00	0.0000	P	31.1
2	☐	5.000	5.266	1333.44	0.0000	P	0.6
3	☐	50.000	51.025	12593.78	0.0005	P	2.5
4	☐	125.000	127.157	31817.86	0.0012	P	1.9
5	☐	250.000	261.843	64314.24	0.0024	P	0.8
6	☐	500.000	498.169	121133.77	0.0045	P	1.9
7	☐	1000.000	997.632	240624.74	0.0091	P	2.7
8	☐			27.78	0.0000	P	203.

$$y = 9.1244E-006 * x + 7.1409E-007$$

$$R = 0.9999$$

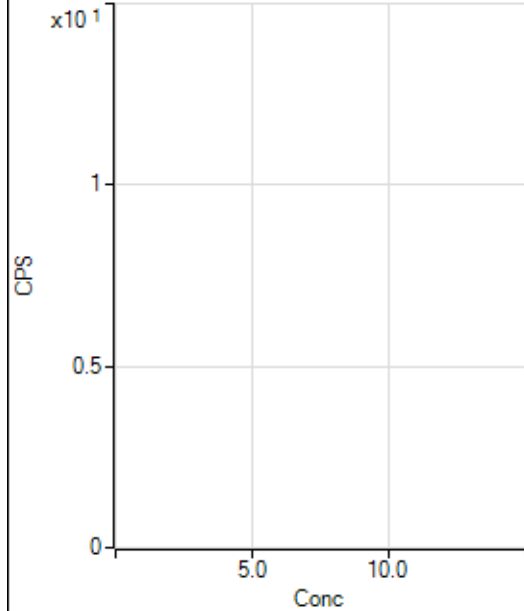
$$DL = 0.07291$$

$$BEC = 0.07826$$

Weight: <None>

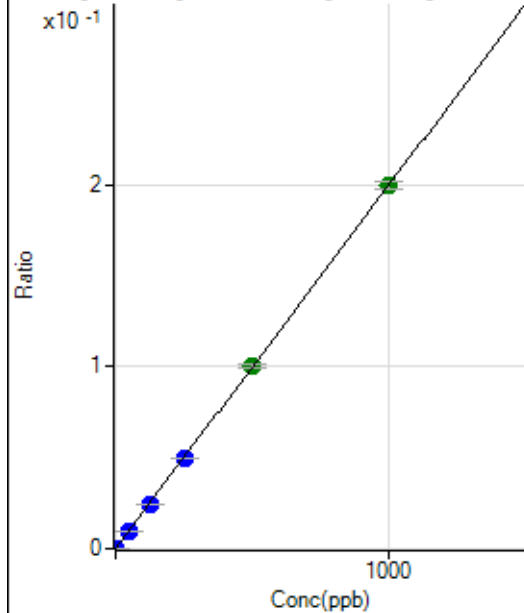
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			290.01		P	14.1
2	☐			265.56		P	13.8
3	☐			285.56		P	3.6
4	☐			295.56		P	12.8
5	☐			230.00		P	5.2
6	☐			310.01		P	19.1
7	☐			294.45		P	11.8
8	☐			318.90		P	18.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	503.35	0.0000	P	17.9
2	☐	1.000	1.067	6320.38	0.0002	P	3.2
3	☐	50.000	48.748	263444.41	0.0098	P	1.5
4	☐	125.000	121.053	663107.09	0.0242	P	1.4
5	☐	250.000	248.670	1337004.91	0.0497	P	0.7
6	☐	500.000	503.273	2678684.96	0.1005	A	2.0
7	☐	1000.000	999.252	5276047.42	0.1996	A	2.3
8	☐			16602.15	0.0007	P	0.5

$$y = 1.9972E-004 * x + 1.8108E-005$$

$$R = 1.0000$$

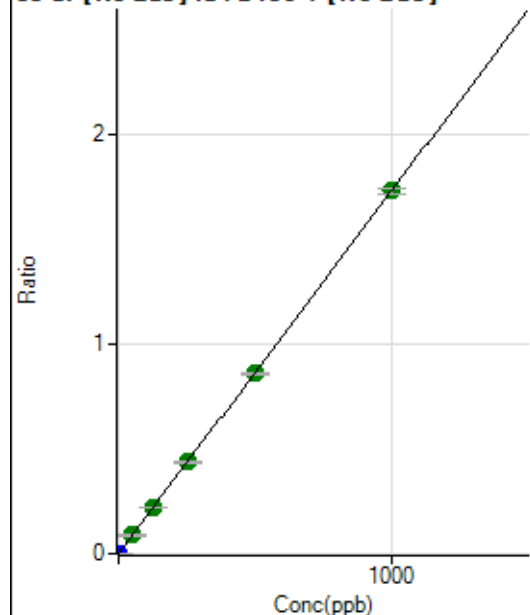
$$DL = 0.04869$$

$$BEC = 0.09067$$

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	361.12	0.0000	P	9.6
2	☐	1.000	1.061	50573.40	0.0018	P	1.1
3	☐	50.000	50.542	2363414.46	0.0875	A	2.1
4	☐	125.000	125.638	5961953.32	0.2175	A	0.9
5	☐	250.000	253.008	11787023.44	0.4380	A	1.5
6	☐	500.000	497.856	22966438.82	0.8619	A	1.1
7	☐	1000.000	1000.213	45774527.65	1.7315	A	1.6
8	☐			140271.68	0.0059	P	0.8

$$y = 0.0017 * x + 1.2973E-005$$

$$R = 1.0000$$

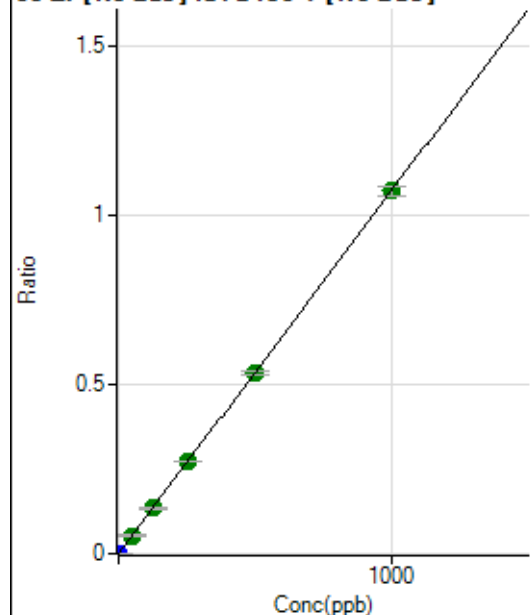
$$DL = 0.002168$$

$$BEC = 0.007494$$

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	933.37	0.0000	P	10.0
2	☐	1.000	1.036	31344.06	0.0011	P	1.5
3	☐	50.000	50.234	1458625.85	0.0540	A	1.4
4	☐	125.000	125.265	3689437.79	0.1346	A	2.1
5	☐	250.000	254.857	7370100.72	0.2739	A	0.5
6	☐	500.000	498.474	14271543.12	0.5356	A	1.7
7	☐	1000.000	999.504	28386090.13	1.0739	A	2.9
8	☐			47730.31	0.0020	P	1.0

$$y = 0.0011 * x + 3.3502E-005$$

$$R = 1.0000$$

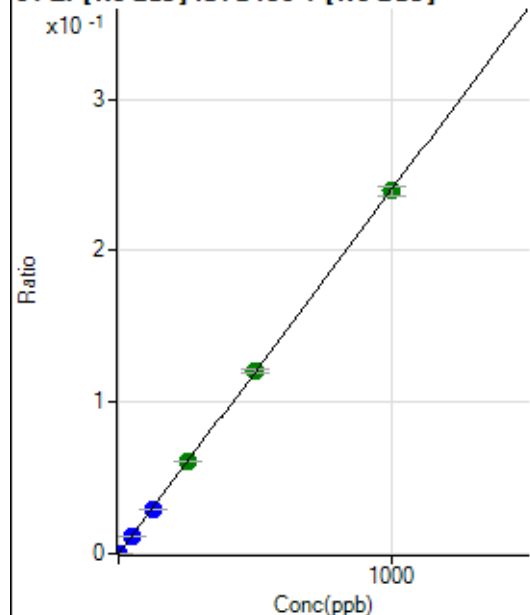
$$DL = 0.009329$$

$$BEC = 0.03118$$

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	155.56	0.0000	P	10.2
2	☐	1.000	1.018	6833.96	0.0002	P	2.0
3	☐	50.000	48.102	311926.87	0.0115	P	1.2
4	☐	125.000	120.019	789514.89	0.0288	P	1.3
5	☐	250.000	255.030	1647170.51	0.0612	A	0.8
6	☐	500.000	503.997	3222730.05	0.1209	A	2.0
7	☐	1000.000	997.461	6326876.22	0.2394	A	2.8
8	☐			10741.98	0.0004	P	2.2

$$y = 2.3997\text{E-}004 * x + 5.5880\text{E-}006$$

$$R = 1.0000$$

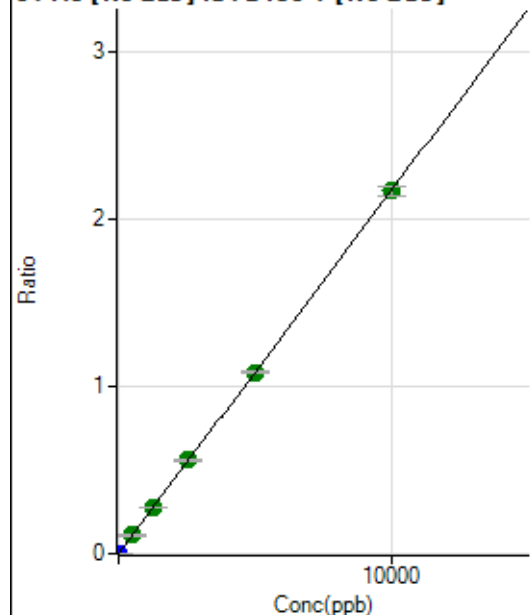
$$DL = 0.007123$$

$$BEC = 0.02329$$

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	374.45	0.0000	P	7.1
2	☐	5.000	6.204	37155.13	0.0014	P	1.2
3	☐	500.000	507.536	2972811.31	0.1101	A	2.4
4	☐	1250.000	1248.840	7423134.54	0.2708	A	0.6
5	☐	2500.000	2569.945	14998598.39	0.5573	A	0.7
6	☐	5000.000	4996.107	28869797.35	1.0834	A	1.3
7	☐	10000.000	9984.228	57231410.81	2.1651	A	2.5
8	☐			24312.45	0.0010	P	3.7

$$y = 2.1685\text{E-}004 * x + 1.3430\text{E-}005$$

$$R = 1.0000$$

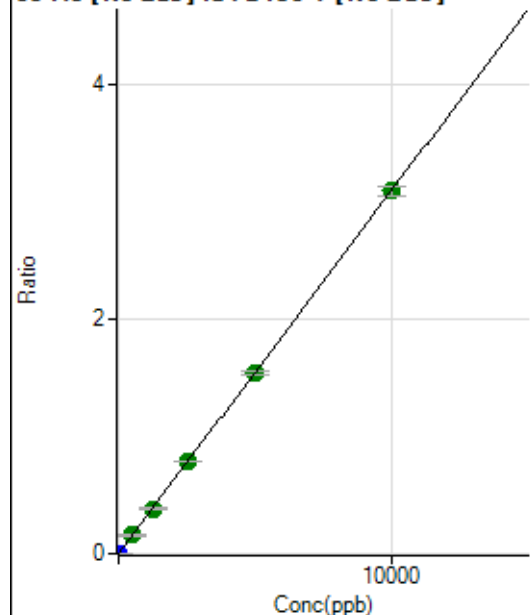
$$DL = 0.0131$$

$$BEC = 0.06193$$

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	156.67	0.0000	P	18.5
2	☐	5.000	5.230	44336.01	0.0016	P	1.1
3	☐	500.000	503.724	4203426.02	0.1556	A	1.9
4	☐	1250.000	1244.379	10538539.22	0.3845	A	1.2
5	☐	2500.000	2551.599	21215449.27	0.7883	A	0.7
6	☐	5000.000	4988.449	41067384.67	1.5412	A	1.6
7	☐	10000.000	9993.392	81611594.34	3.0875	A	2.5
8	☐			11916.47	0.0005	P	5.5

$$y = 3.0896E-004 * x + 5.6323E-006$$

$$R = 1.0000$$

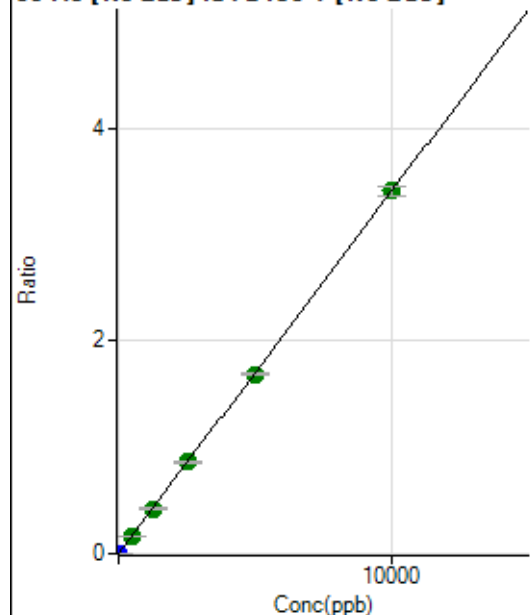
$$DL = 0.01011$$

$$BEC = 0.01823$$

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	213.34	0.0000	P	7.9
2	☐	5.000	5.254	49136.49	0.0018	P	0.8
3	☐	500.000	503.167	4628719.93	0.1714	A	0.3
4	☐	1250.000	1242.574	11598042.33	0.4232	A	1.4
5	☐	2500.000	2534.354	23226559.93	0.8631	A	1.2
6	☐	5000.000	4961.079	45021057.66	1.6895	A	0.8
7	☐	10000.000	10011.641	90125787.54	3.4095	A	2.4
8	☐			16038.31	0.0007	P	4.7

$$y = 3.4056E-004 * x + 7.6478E-006$$

$$R = 1.0000$$

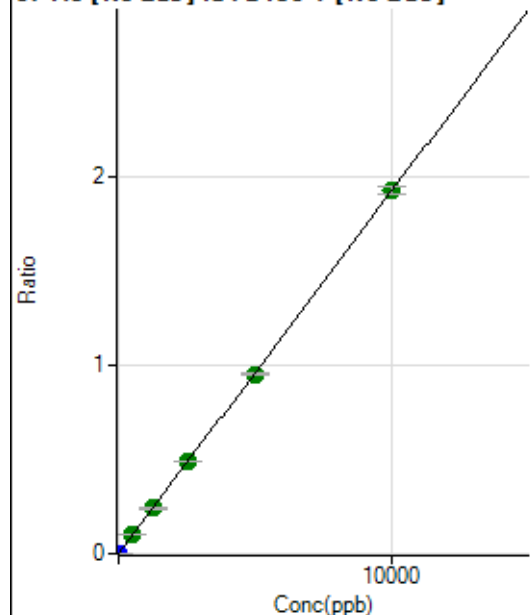
$$DL = 0.0053$$

$$BEC = 0.02246$$

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	97.78	0.0000	P	9.4
2	☐	5.000	5.316	27983.80	0.0010	P	2.4
3	☐	500.000	508.044	2633141.54	0.0975	A	0.9
4	☐	1250.000	1250.812	6577813.17	0.2400	A	2.1
5	☐	2500.000	2548.069	13157592.72	0.4889	A	1.2
6	☐	5000.000	4951.194	25315910.73	0.9501	A	0.9
7	☐	10000.000	10011.882	50784152.58	1.9211	A	2.0
8	☐			6929.60	0.0003	P	6.5

$$y = 1.9188\text{E-}004 * x + 3.5127\text{E-}006$$

$$R = 1.0000$$

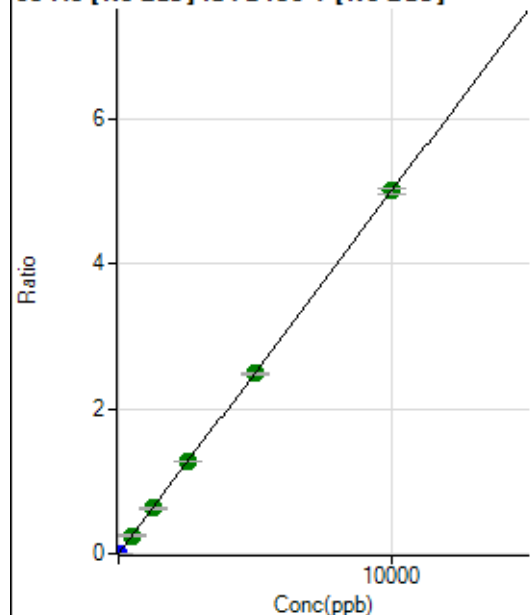
$$DL = 0.005169$$

$$BEC = 0.01831$$

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	231.12	0.0000	P	14.9
2	☐	5.000	5.190	71276.11	0.0026	P	2.1
3	☐	500.000	503.835	6813729.83	0.2523	A	1.8
4	☐	1250.000	1247.432	17119181.13	0.6246	A	1.0
5	☐	2500.000	2541.961	34251370.60	1.2728	A	1.3
6	☐	5000.000	4961.580	66196053.46	2.4843	A	1.6
7	☐	10000.000	10008.849	132482390.2	5.0115	A	1.6
8	☐			17545.91	0.0007	P	6.0

$$y = 5.0071\text{E-}004 * x + 8.2843\text{E-}006$$

$$R = 1.0000$$

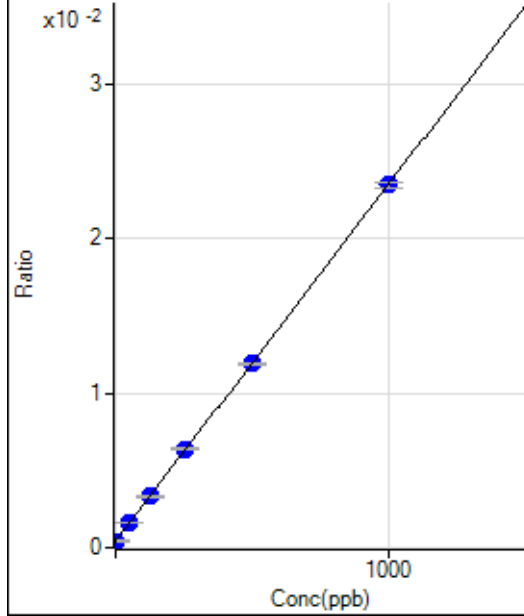
$$DL = 0.007404$$

$$BEC = 0.01655$$

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	8102.47	0.0004	P	1.7
2	☐	1.000	0.990	8395.97	0.0004	P	1.7
3	☐	50.000	52.438	31430.25	0.0016	P	1.2
4	☐	125.000	126.388	65580.35	0.0033	P	2.3
5	☐	250.000	259.284	124870.92	0.0064	P	1.6
6	☐	500.000	497.559	230555.04	0.0119	P	1.1
7	☐	1000.000	998.604	450449.33	0.0235	P	1.4
8	☐			7195.27	0.0004	P	0.8

$$y = 2.3099\text{E-}005 * x + 4.0910\text{E-}004$$

$$R = 0.9999$$

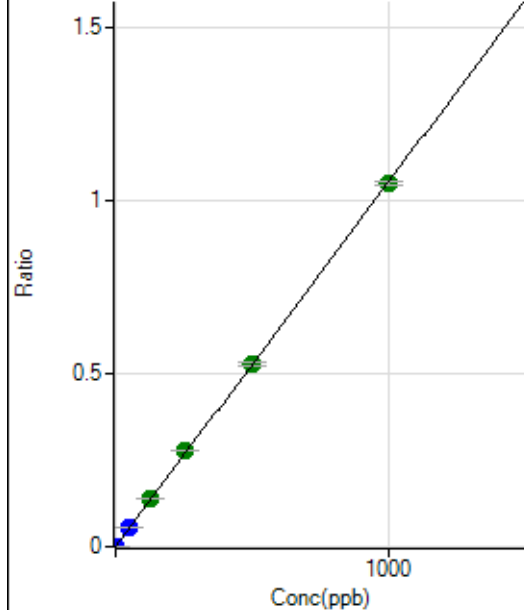
$$DL = 0.9114$$

$$BEC = 17.71$$

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	196.67	0.0000	P	17.0
2	☐	1.000	1.060	21911.96	0.0011	P	2.3
3	☐	50.000	50.694	1037340.99	0.0535	P	1.0
4	☐	125.000	131.151	2726115.20	0.1383	A	1.0
5	☐	250.000	263.258	5419214.29	0.2777	A	1.5
6	☐	500.000	501.584	10247648.39	0.5291	A	2.0
7	☐	1000.000	995.090	20138358.59	1.0496	A	1.2
8	☐			2574.73	0.0001	P	13.2

$$y = 0.0011 * x + 9.9565\text{E-}006$$

$$R = 0.9999$$

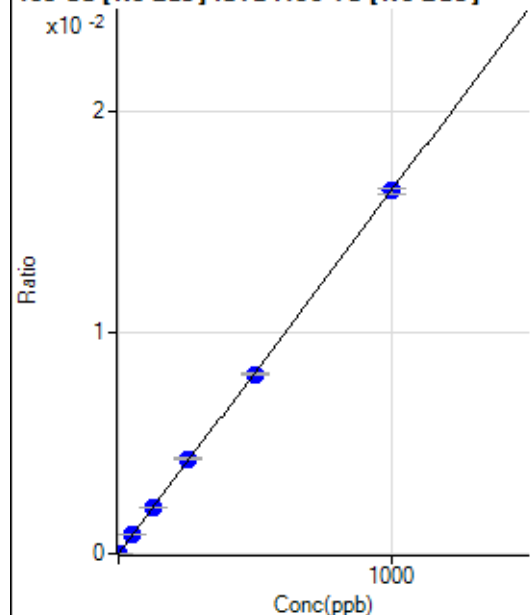
$$DL = 0.004802$$

$$BEC = 0.00944$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	17.78	0.0000	P	63.6
2	☐	1.000	1.064	356.67	0.0000	P	7.5
3	☐	50.000	51.974	16565.63	0.0009	P	0.2
4	☐	125.000	127.638	41296.22	0.0021	P	2.6
5	☐	250.000	260.627	83503.07	0.0043	P	2.2
6	☐	500.000	495.139	157458.02	0.0081	P	0.5
7	☐	1000.000	999.345	314751.20	0.0164	P	1.8
8	☐			200.00	0.0000	P	13.5

$$y = 1.6415E-005 * x + 8.8904E-007$$

R = 0.9999

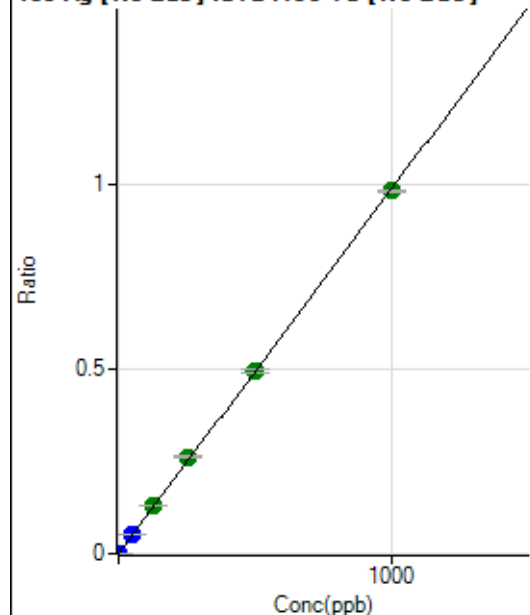
DL = 0.1033

BEC = 0.05416

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	95.56	0.0000	P	7.4
2	☐	1.000	1.065	20585.50	0.0011	P	2.2
3	☐	50.000	51.439	987783.73	0.0509	P	1.2
4	☐	125.000	131.325	2561557.32	0.1300	A	0.8
5	☐	250.000	264.209	5104147.04	0.2615	A	1.7
6	☐	500.000	501.417	9614332.85	0.4964	A	1.9
7	☐	1000.000	994.876	18896638.75	0.9848	A	0.8
8	☐			2398.02	0.0001	P	9.9

$$y = 9.8990E-004 * x + 4.8173E-006$$

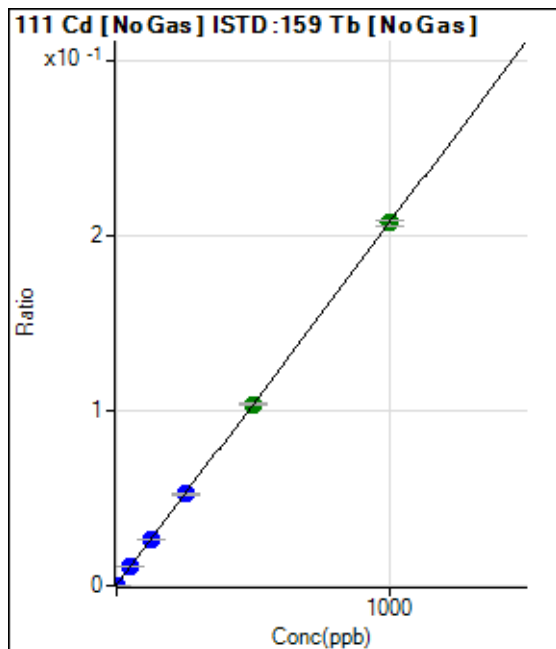
R = 0.9999

DL = 0.001081

BEC = 0.004867

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5675.95	0.0003	P	1.9
2	☐	1.000	1.149	10193.87	0.0005	P	1.4
3	☐	50.000	50.490	208260.39	0.0107	P	1.0
4	☐	125.000	124.664	514043.12	0.0261	P	1.5
5	☐	250.000	252.841	1026835.55	0.0526	P	2.4
6	☐	500.000	499.405	2007874.40	0.1037	A	0.7
7	☐	1000.000	999.605	3975217.70	0.2072	A	1.5
8	☐			5598.93	0.0003	P	0.2

$$y = 2.0698\text{E-}004 * x + 2.8659\text{E-}004$$

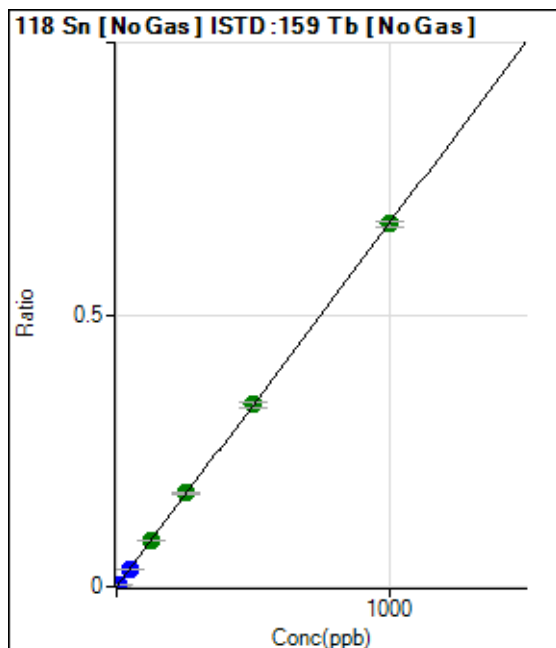
$$R = 1.0000$$

$$DL = 0.07957$$

$$BEC = 1.385$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2081.36	0.0001	P	8.4
2	☐	5.000	5.462	73027.63	0.0038	P	2.7
3	☐	50.000	49.871	648927.15	0.0335	P	0.6
4	☐	125.000	126.722	1671888.95	0.0848	A	0.4
5	☐	250.000	256.830	3354170.16	0.1719	A	1.1
6	☐	500.000	500.001	6478751.85	0.3345	A	2.3
7	☐	1000.000	998.081	12808427.86	0.6676	A	1.3
8	☐			4315.17	0.0002	P	1.8

$$y = 6.6873\text{E-}004 * x + 1.0514\text{E-}004$$

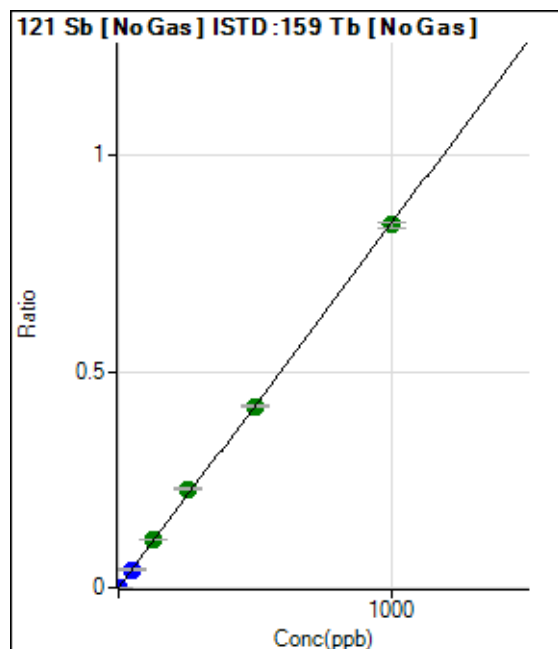
$$R = 1.0000$$

$$DL = 0.0397$$

$$BEC = 0.1572$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.78	0.0000	P	11.6
2	☐	2.000	2.188	35889.24	0.0018	P	2.6
3	☐	50.000	50.107	819217.98	0.0422	P	1.0
4	☐	125.000	130.501	2167335.47	0.1100	A	1.5
5	☐	250.000	270.473	4448843.55	0.2280	A	1.9
6	☐	500.000	497.794	8127108.42	0.4196	A	1.5
7	☐	1000.000	995.291	16096043.79	0.8389	A	1.4
8	☐			6288.17	0.0004	P	3.8

$$y = 8.4285E-004 * x + 2.4137E-006$$

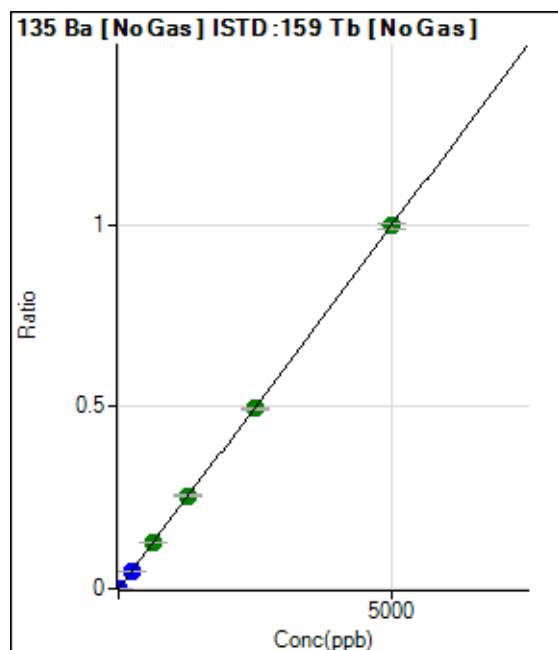
R = 0.9998

DL = 0.001

BEC = 0.002864

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	67.78	0.0000	P	35.9
2	☐	10.000	10.701	41501.17	0.0021	P	3.1
3	☐	250.000	244.126	943557.44	0.0486	P	0.6
4	☐	625.000	639.104	2509160.40	0.1273	A	1.7
5	☐	1250.000	1282.208	4985735.62	0.2555	A	1.8
6	☐	2500.000	2485.365	9592317.57	0.4952	A	1.3
7	☐	5000.000	4997.795	19107089.44	0.9958	A	1.4
8	☐			6960.76	0.0004	P	4.5

$$y = 1.9925E-004 * x + 3.4069E-006$$

R = 1.0000

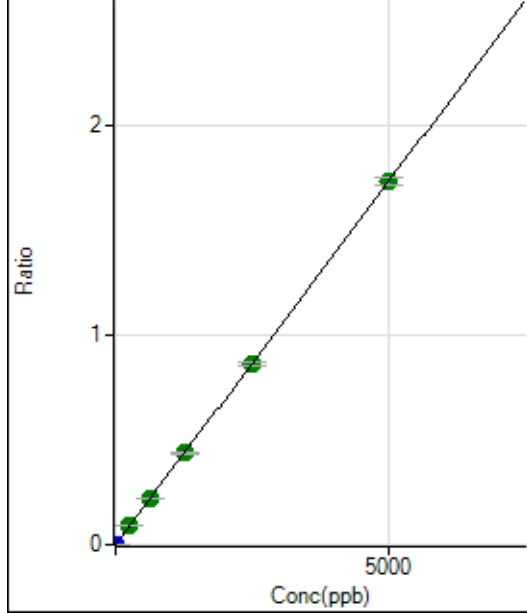
DL = 0.01839

BEC = 0.0171

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	110.00	0.0000	P	10.7
2	☐	10.000	10.673	71882.90	0.0037	P	2.0
3	☐	250.000	252.966	1697894.49	0.0875	A	0.4
4	☐	625.000	627.669	4279676.67	0.2172	A	0.9
5	☐	1250.000	1265.989	8548903.00	0.4381	A	1.7
6	☐	2500.000	2494.153	16716867.80	0.8630	A	1.5
7	☐	5000.000	4998.443	33183120.62	1.7296	A	2.2
8	☐			12433.60	0.0007	P	3.1

$$y = 3.4602E-004 * x + 5.5522E-006$$

$$R = 1.0000$$

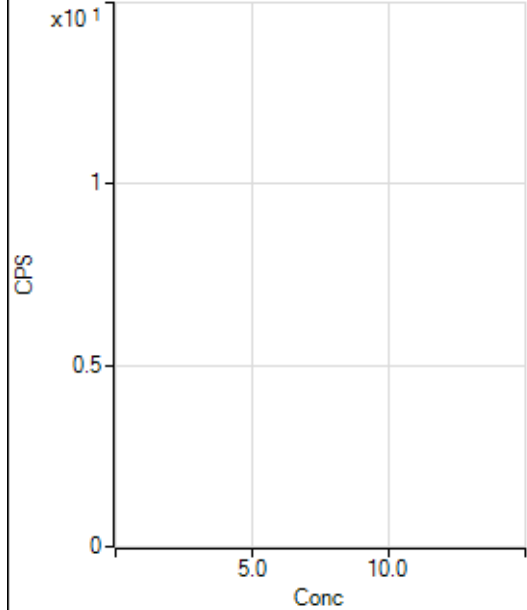
$$DL = 0.005128$$

$$BEC = 0.01605$$

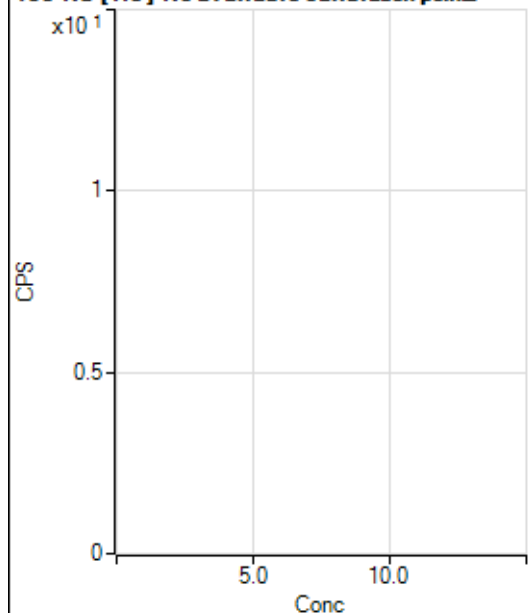
Weight: <None>

Min Conc: 0

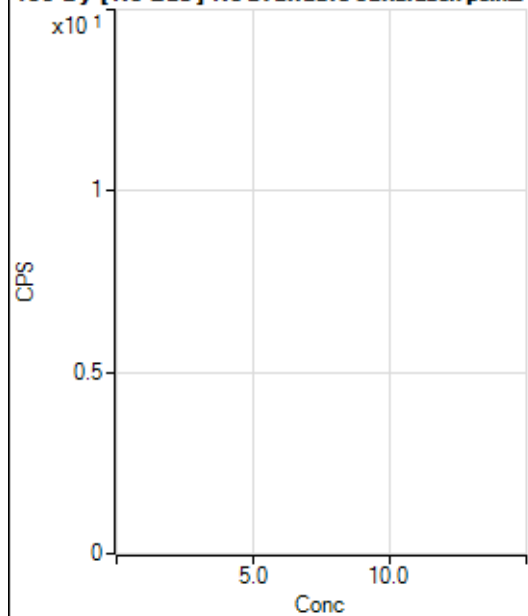
150 Nd [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	17.3
2	☐			11.11		P	45.8
3	☐			64.45		P	26.0
4	☐			177.78		P	8.5
5	☐			295.56		P	6.8
6	☐			547.80		P	0.7
7	☐			1197.84		P	9.4
8	☐			321.12		P	8.1

150 Nd [He] No available calibration points

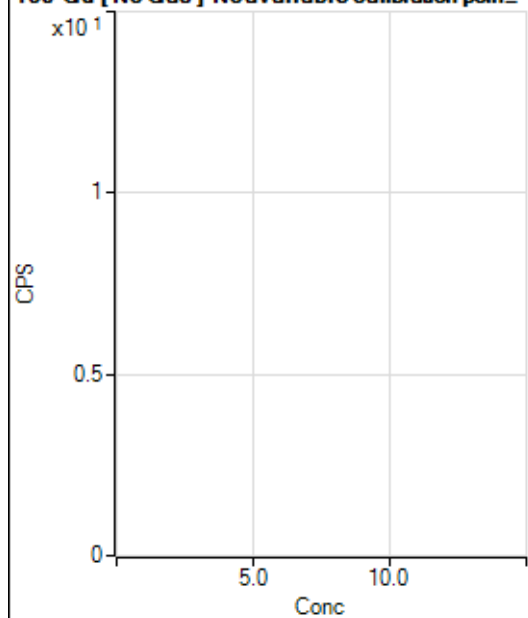
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	173.
3	☐			5.56		P	34.7
4	☐			13.33		P	25.0
5	☐			5.56		P	34.7
6	☐			22.22		P	22.9
7	☐			43.33		P	NaN
8	☐			74.44		P	2.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			17.78		P	10.8
2	☐			13.33		P	90.2
3	☐			24.44		P	56.8
4	☐			46.67		P	18.9
5	☐			102.22		P	11.5
6	☐			198.89		P	4.8
7	☐			328.90		P	12.1
8	☐			590.02		P	16.4

156 Dy [He] No available calibration points

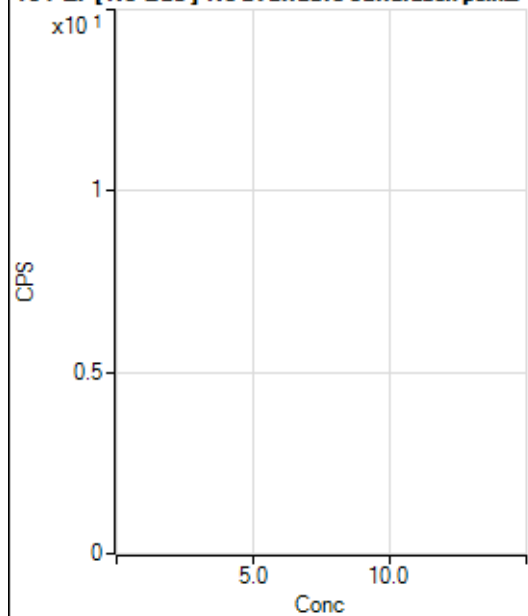
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			7.78		P	89.2
3	☐			2.22		P	173.
4	☐			13.34		P	43.3
5	☐			15.56		P	53.9
6	☐			30.00		P	29.4
7	☐			58.89		P	23.6
8	☐			214.45		P	6.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133.34		P	6.6
2	☐			113.33		P	19.3
3	☐			116.67		P	8.6
4	☐			124.45		P	16.1
5	☐			168.89		P	7.5
6	☐			188.89		P	13.2
7	☐			241.12		P	7.1
8	☐			656.69		P	3.5

160 Gd [He] No available calibration points

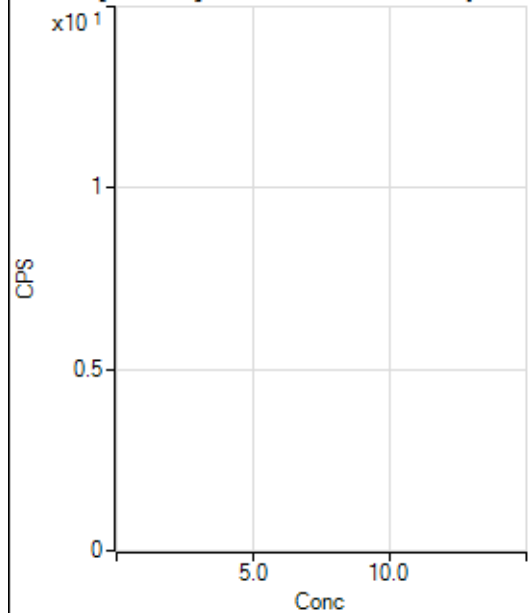
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	42.9
2	☐			25.56		P	32.8
3	☐			41.11		P	12.4
4	☐			42.22		P	44.9
5	☐			36.67		P	55.3
6	☐			64.44		P	25.5
7	☐			77.78		P	24.4
8	☐			286.67		P	12.8

164 Er [No Gas] No available calibration points

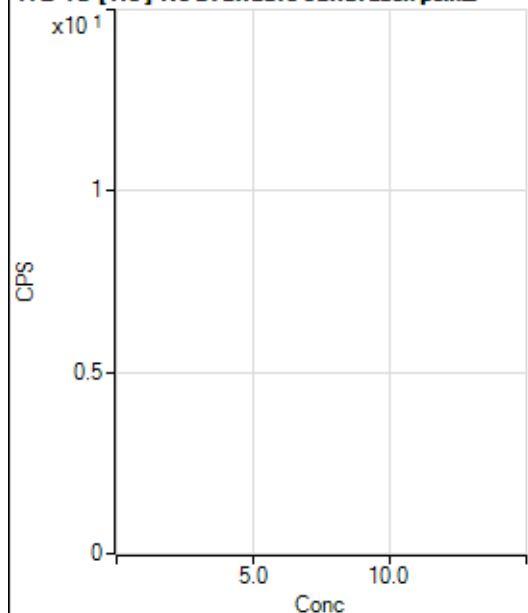
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			104.45		P	32.0
2	☐			93.34		P	12.9
3	☐			114.45		P	11.8
4	☐			123.34		P	21.1
5	☐			145.56		P	10.3
6	☐			194.45		P	9.4
7	☐			253.34		P	11.7
8	☐			740.03		P	0.4

164 Er [He] No available calibration points

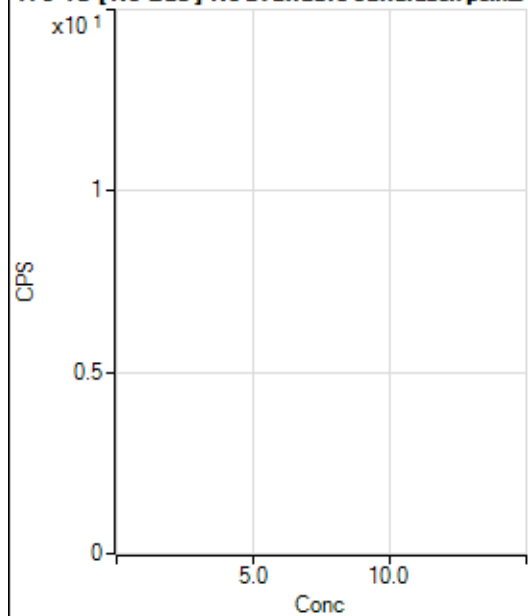
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.00		P	44.4
2	☐			24.44		P	20.8
3	☐			33.33		P	17.3
4	☐			44.45		P	8.7
5	☐			58.89		P	11.8
6	☐			54.44		P	31.4
7	☐			82.22		P	26.4
8	☐			261.12		P	4.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			98.89		P	36.0
2	☐			93.34		P	12.4
3	☐			115.56		P	26.2
4	☐			120.00		P	16.9
5	☐			168.89		P	17.2
6	☐			194.45		P	29.6
7	☐			260.01		P	20.6
8	☐			882.26		P	3.3

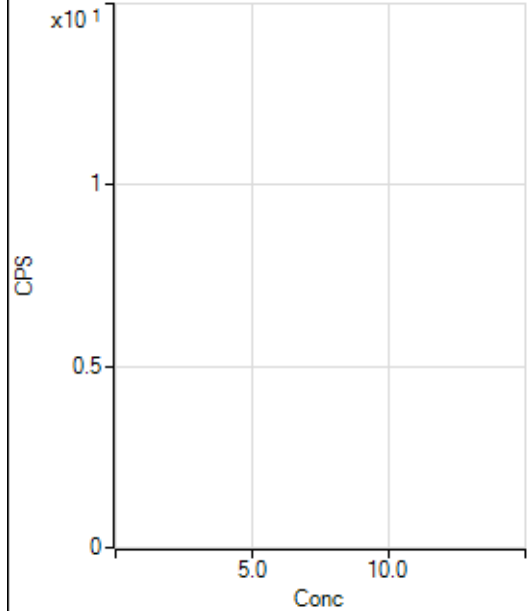
172 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			46.66		P	44.6
2	☐			40.00		P	22.0
3	☐			48.89		P	10.4
4	☐			64.44		P	42.1
5	☐			56.67		P	23.5
6	☐			81.11		P	12.6
7	☐			100.00		P	23.1
8	☐			374.45		P	8.8

176 Yb [No Gas] No available calibration points

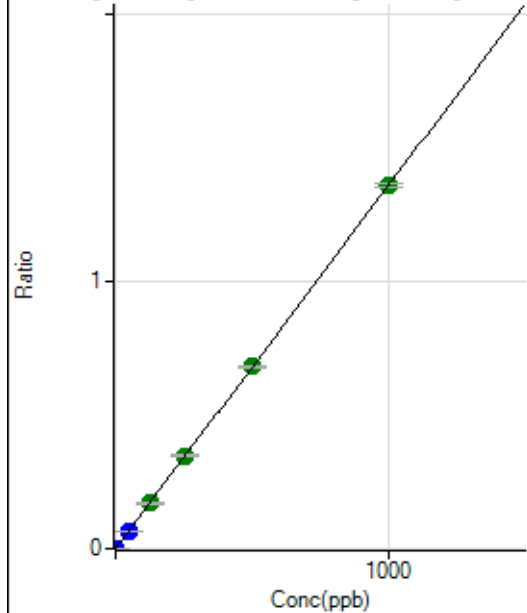
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2030.18		P	7.9
2	☐			1947.94		P	1.7
3	☐			5612.35		P	0.8
4	☐			10736.69		P	1.7
5	☐			20343.54		P	1.0
6	☐			38094.81		P	0.5
7	☐			74668.41		P	0.8
8	☐			2258.00		P	2.7

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			456.68		P	9.1
2	☐			427.79		P	6.6
3	☐			1837.92		P	4.4
4	☐			3927.29		P	0.9
5	☐			7547.79		P	2.5
6	☐			14558.12		P	0.9
7	☐			28305.94		P	1.6
8	☐			582.24		P	7.1

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	231.12	0.0000	P	11.8
2	☐	1.000	1.012	16636.27	0.0014	P	1.4
3	☐	50.000	47.310	770408.67	0.0643	P	0.8
4	☐	125.000	124.819	2011165.61	0.1695	A	1.2
5	☐	250.000	254.907	4105537.86	0.3462	A	1.5
6	☐	500.000	500.647	7822424.54	0.6799	A	0.7
7	☐	1000.000	998.607	15468166.85	1.3560	A	1.2
8	☐			1546.78	0.0002	P	13.8

$$y = 0.0014 * x + 1.8642E-005$$

$$R = 1.0000$$

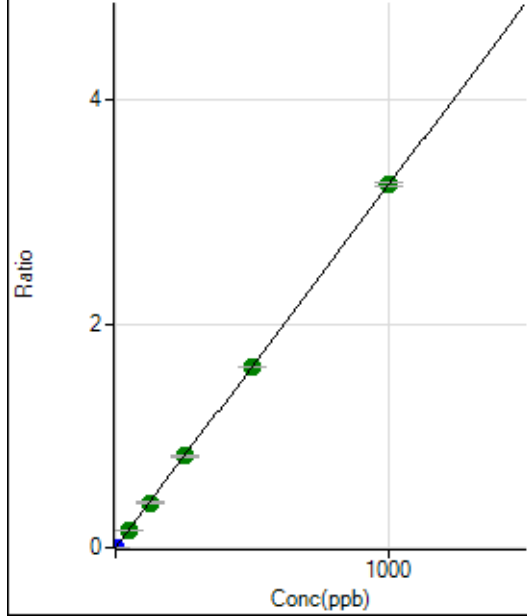
$$DL = 0.00486$$

$$BEC = 0.01373$$

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	496.68	0.0000	P	5.5
2	☐	1.000	1.042	40767.14	0.0034	P	1.0
3	☐	50.000	49.929	1938746.50	0.1617	A	1.0
4	☐	125.000	124.465	4781900.24	0.4030	A	1.1
5	☐	250.000	253.563	9737737.63	0.8211	A	1.7
6	☐	500.000	497.490	18533900.84	1.6109	A	0.5
7	☐	1000.000	1000.435	36951162.51	3.2394	A	1.0
8	☐			3778.43	0.0004	P	15.6

$$y = 0.0032 * x + 4.0133E-005$$

$$R = 1.0000$$

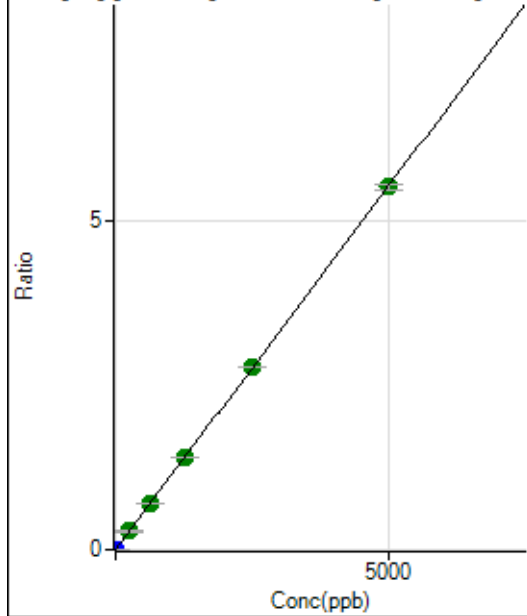
$$DL = 0.00205$$

$$BEC = 0.01239$$

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	1345.64	0.0001	P	4.3
2	☐	1.000	1.031	14935.39	0.0013	P	1.6
3	☐	250.000	251.372	3341626.24	0.2787	A	1.9
4	☐	625.000	625.642	8227418.91	0.6935	A	1.2
5	☐	1250.000	1273.710	16742879.75	1.4117	A	1.3
6	☐	2500.000	2508.984	31992105.36	2.7806	A	0.7
7	☐	5000.000	4989.432	63072056.28	5.5295	A	1.7
8	☐			15003.29	0.0015	P	2.4

$$y = 0.0011 * x + 1.0879E-004$$

$$R = 1.0000$$

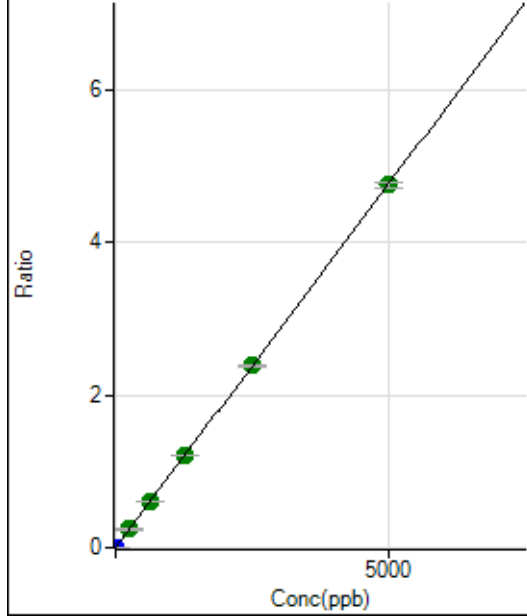
$$DL = 0.0128$$

$$BEC = 0.09817$$

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	1125.62	0.0001	P	3.0
2	☐	1.000	1.037	12896.51	0.0011	P	0.5
3	☐	250.000	251.470	2877703.19	0.2400	A	1.7
4	☐	625.000	629.841	7131591.21	0.6011	A	0.6
5	☐	1250.000	1267.582	14347356.18	1.2096	A	1.0
6	☐	2500.000	2511.731	27576696.26	2.3968	A	1.1
7	☐	5000.000	4989.060	54303627.52	4.7607	A	1.5
8	☐			12849.85	0.0013	P	2.4

$$y = 9.5421\text{E-}004 * x + 9.0983\text{E-}005$$

$$R = 1.0000$$

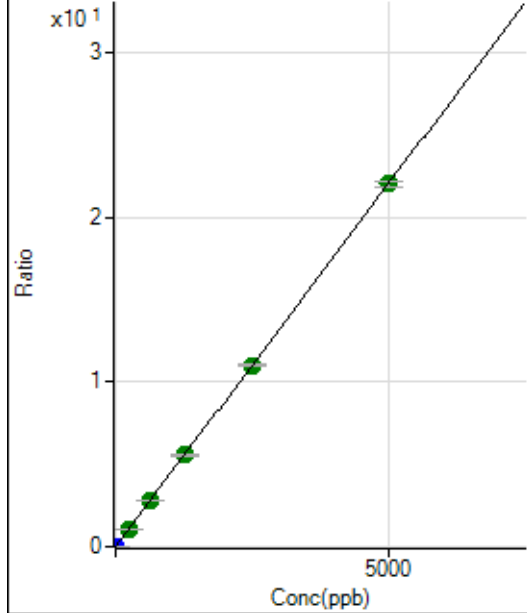
$$DL = 0.008663$$

$$BEC = 0.09535$$

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	5126.00	0.0004	P	1.7
2	☐	1.000	1.024	58879.12	0.0049	P	0.3
3	☐	250.000	249.386	13196943.35	1.1008	A	0.9
4	☐	625.000	625.454	32747204.30	2.7601	A	0.4
5	☐	1250.000	1266.237	66269760.96	5.5875	A	1.4
6	☐	2500.000	2497.012	126767311.1	11.0181	A	0.9
7	☐	5000.000	4997.409	251524314.0	22.0507	A	1.4
8	☐			59100.96	0.0061	P	1.6

$$y = 0.0044 * x + 4.1445\text{E-}004$$

$$R = 1.0000$$

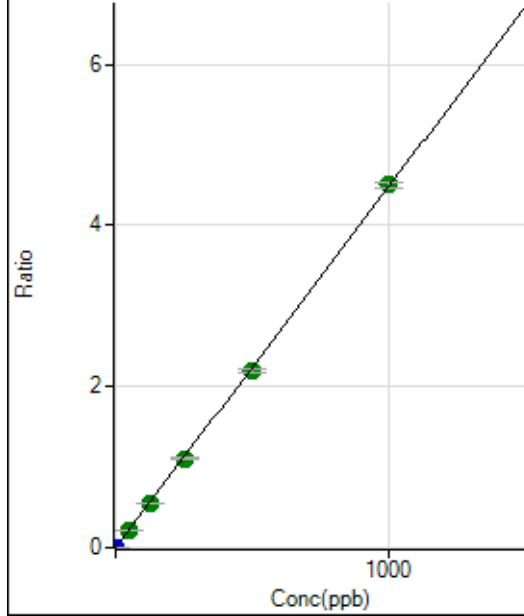
$$DL = 0.004706$$

$$BEC = 0.09393$$

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	106.67	0.0000	P	21.7
2	☐	1.000	0.966	51769.40	0.0043	P	0.6
3	☐	50.000	47.879	2571501.92	0.2145	A	2.3
4	☐	125.000	121.552	6461255.11	0.5446	A	1.2
5	☐	250.000	247.351	13143452.58	1.1082	A	1.5
6	☐	500.000	491.403	25328530.73	2.2016	A	2.7
7	☐	1000.000	1005.498	51387101.46	4.5049	A	1.4
8	☐			2998.25	0.0003	P	18.3

$$y = 0.0045 * x + 8.6527E-006$$

$$R = 0.9999$$

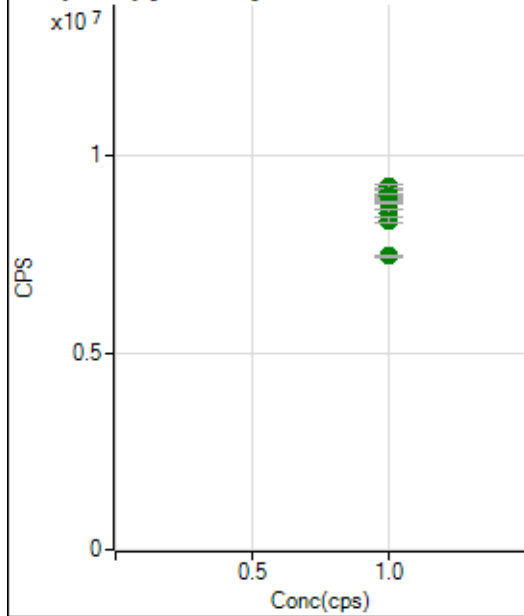
$$DL = 0.001256$$

$$BEC = 0.001931$$

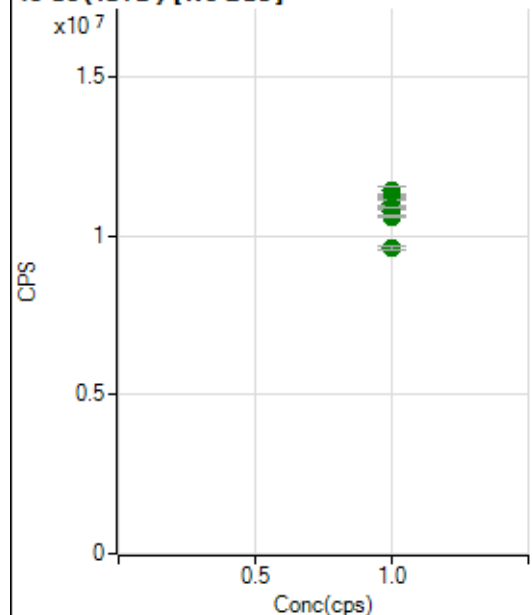
Weight: <None>

Min Conc: 0

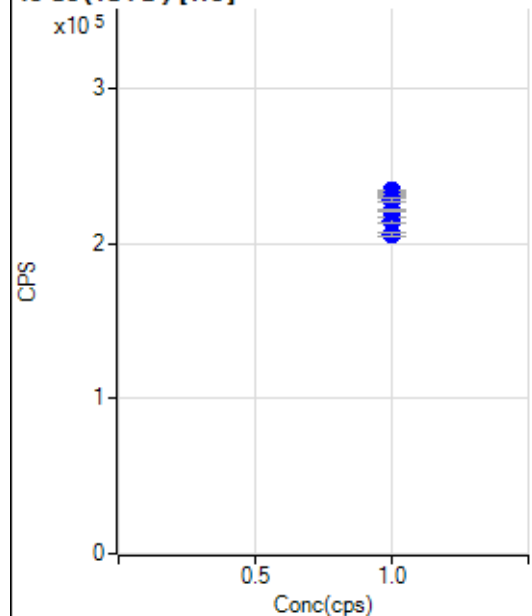
6 Li (ISTD) [No Gas]



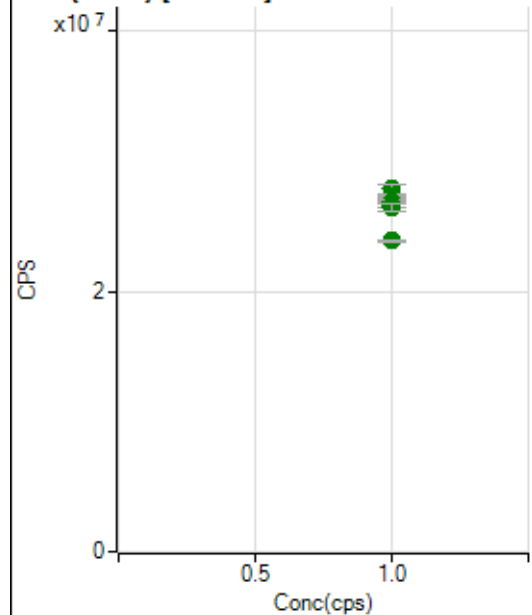
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9059528.82		A	1.4
2	☐	1.000		9205242.38		A	0.9
3	☐	1.000		8973925.67		A	0.7
4	☐	1.000		8962799.98		A	1.6
5	☐	1.000		8798351.58		A	0.9
6	☐	1.000		8537525.63		A	1.9
7	☐	1.000		8366531.80		A	1.3
8	☐	1.000		7450189.26		A	0.4

45 Sc (ISTD) [No Gas]

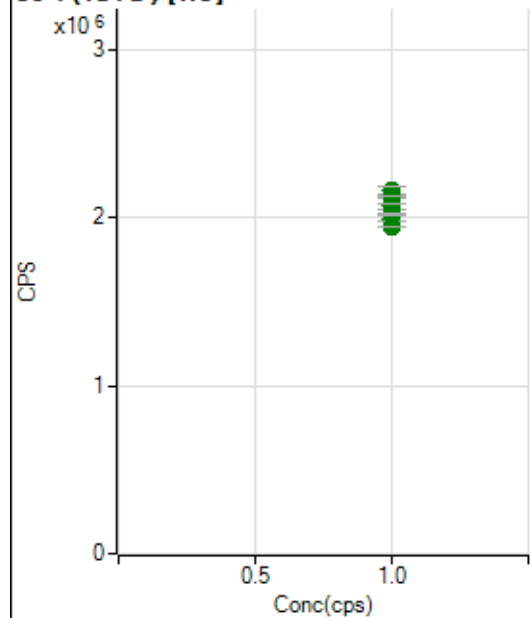
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11422453.30		A	2.2
2	☐	1.000		11246345.80		A	0.7
3	☐	1.000		11137179.14		A	0.3
4	☐	1.000		11028798.45		A	2.2
5	☐	1.000		10890753.17		A	0.9
6	☐	1.000		10764805.81		A	2.4
7	☐	1.000		10610564.28		A	0.4
8	☐	1.000		9630328.54		A	0.9

45 Sc (ISTD) [He]

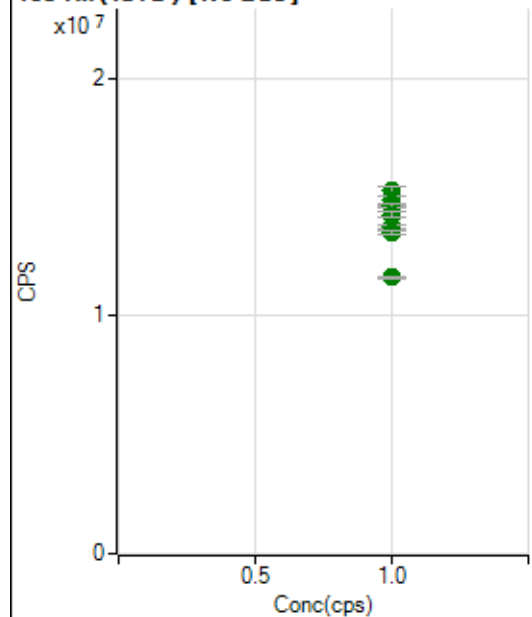
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		234117.65		P	0.8
2	☐	1.000		233687.50		P	0.4
3	☐	1.000		231331.89		P	1.5
4	☐	1.000		230889.13		P	0.6
5	☐	1.000		228563.17		P	0.8
6	☐	1.000		215132.96		P	1.4
7	☐	1.000		221258.57		P	0.5
8	☐	1.000		205683.33		P	1.0

89 Y (ISTD) [No Gas]

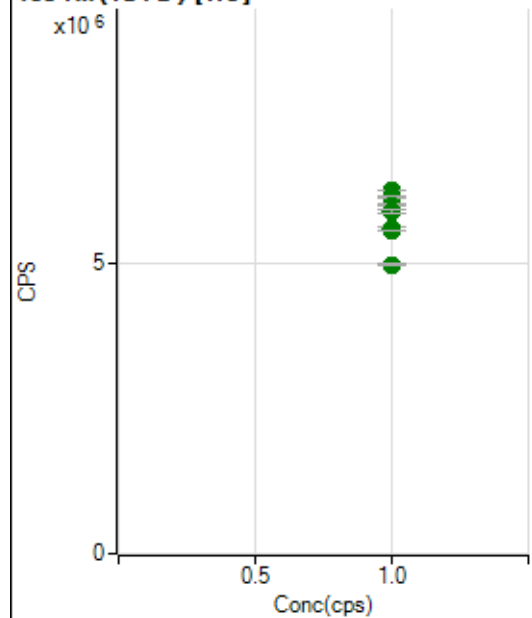
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		27877719.58		A	2.4
2	☐	1.000		27345740.98		A	1.1
3	☐	1.000		27011582.10		A	1.0
4	☐	1.000		27409621.54		A	0.9
5	☐	1.000		26912505.43		A	0.9
6	☐	1.000		26648388.22		A	1.0
7	☐	1.000		26440432.66		A	1.8
8	☐	1.000		23880634.09		A	0.7

89 Y (ISTD) [He]

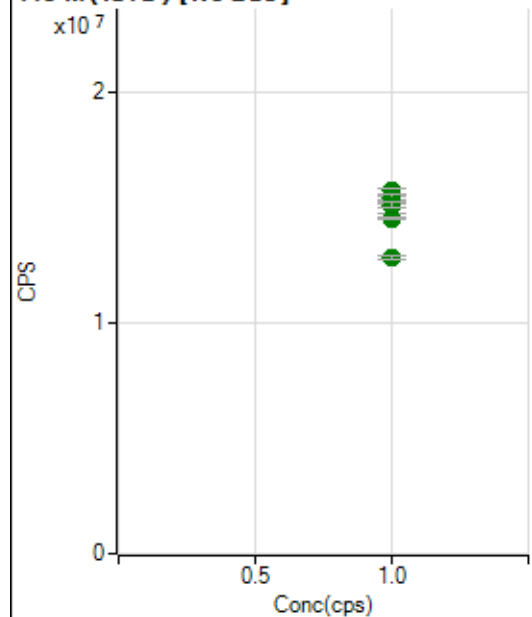
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2161282.02		A	2.1
2	☐	1.000		2128321.86		A	0.3
3	☐	1.000		2126151.27		A	0.8
4	☐	1.000		2126856.65		A	0.1
5	☐	1.000		2072050.42		A	1.6
6	☐	1.000		1995577.23		A	1.6
7	☐	1.000		2024856.64		A	0.8
8	☐	1.000		1951034.92		A	0.2

103 Rh (ISTD) [No Gas]

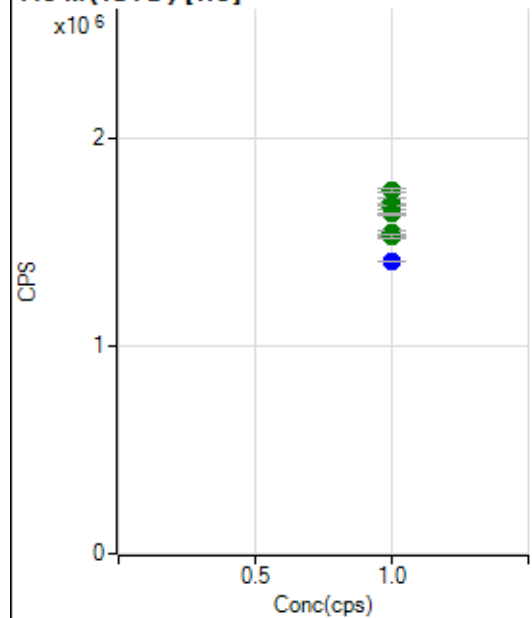
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15250511.02		A	2.9
2	☐	1.000		14872047.56		A	1.7
3	☐	1.000		14690517.42		A	0.5
4	☐	1.000		14643182.84		A	1.3
5	☐	1.000		14264099.09		A	1.4
6	☐	1.000		13769265.07		A	1.0
7	☐	1.000		13485853.27		A	1.0
8	☐	1.000		11623148.58		A	0.6

103 Rh (ISTD) [He]

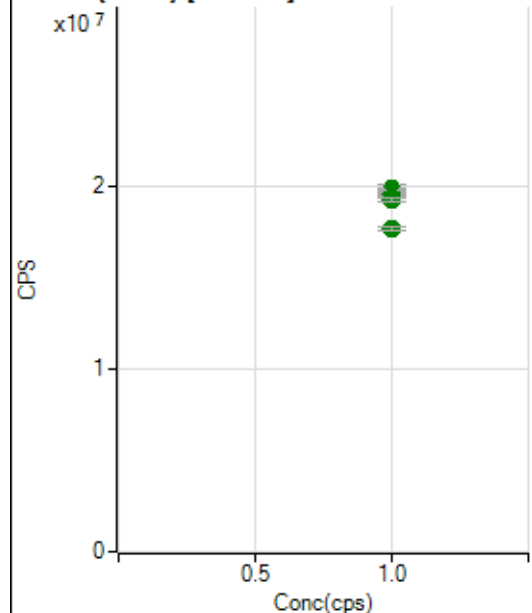
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6231494.49		A	0.1
2	☐	1.000		6129774.01		A	0.3
3	☐	1.000		6120655.12		A	0.3
4	☐	1.000		5985959.29		A	0.5
5	☐	1.000		5877366.10		A	0.7
6	☐	1.000		5583674.78		A	1.1
7	☐	1.000		5559929.22		A	0.1
8	☐	1.000		4965394.06		A	0.8

115 In (ISTD) [No Gas]

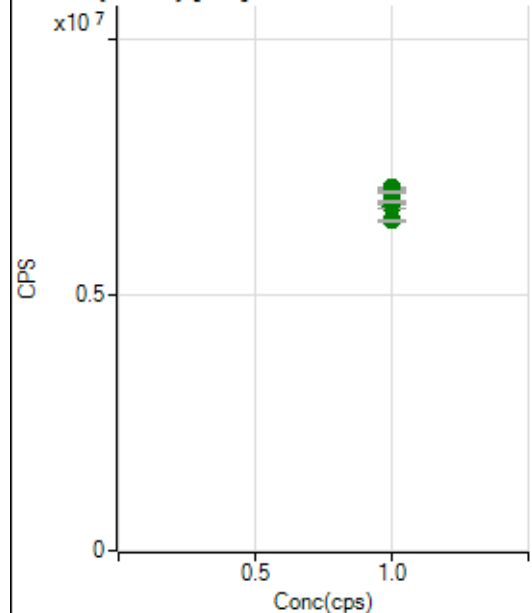
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15753912.33		A	1.8
2	☐	1.000		15437188.50		A	1.4
3	☐	1.000		15272069.31		A	0.4
4	☐	1.000		15407629.29		A	2.4
5	☐	1.000		15129807.85		A	1.8
6	☐	1.000		14648243.61		A	1.5
7	☐	1.000		14557086.84		A	0.2
8	☐	1.000		12851021.98		A	1.2

115 In (ISTD) [He]

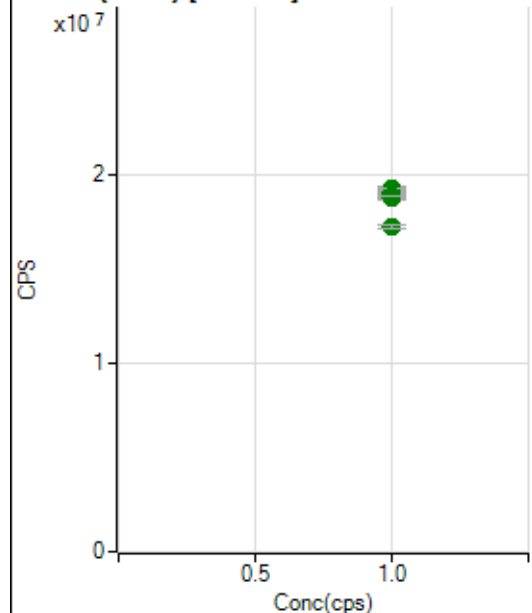
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1743791.67		A	1.0
2	☐	1.000		1693855.78		A	1.5
3	☐	1.000		1676281.43		A	0.9
4	☐	1.000		1662056.01		A	1.1
5	☐	1.000		1634345.82		A	0.6
6	☐	1.000		1540383.68		A	2.1
7	☐	1.000		1523998.87		A	1.2
8	☐	1.000		1404112.15		P	0.2

159 Tb (ISTD) [No Gas]

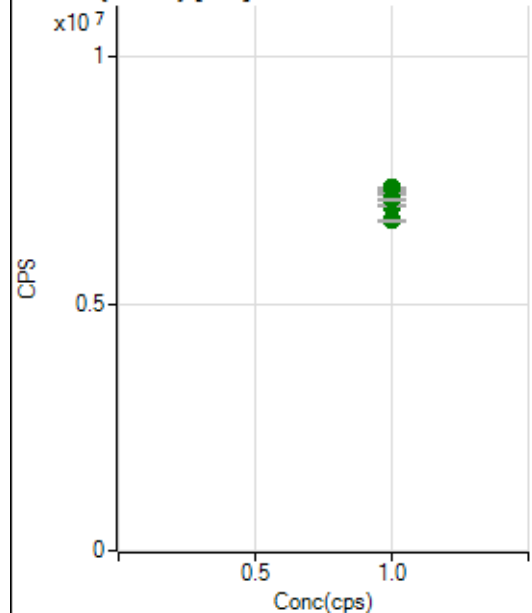
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19810880.40		A	2.6
2	☐	1.000		19438155.41		A	1.2
3	☐	1.000		19396632.21		A	0.4
4	☐	1.000		19704896.09		A	0.9
5	☐	1.000		19520114.29		A	2.1
6	☐	1.000		19371216.38		A	0.6
7	☐	1.000		19188779.72		A	1.2
8	☐	1.000		17641355.02		A	0.8

159 Tb (ISTD) [He]

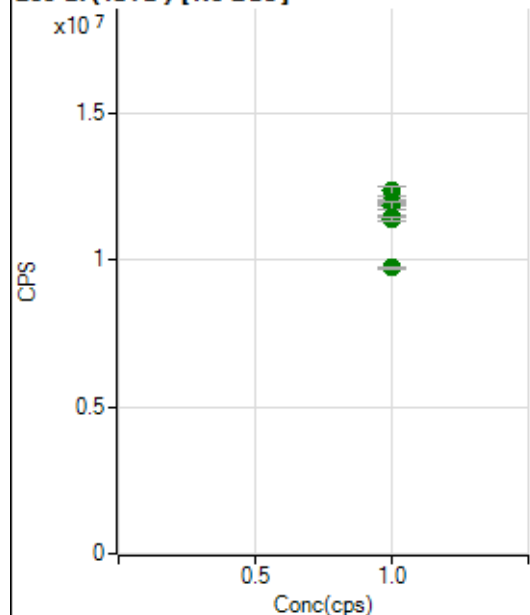
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7081215.03		A	0.7
2	☐	1.000		7036621.49		A	1.3
3	☐	1.000		7094007.11		A	0.8
4	☐	1.000		7068982.39		A	0.1
5	☐	1.000		6999528.37		A	0.5
6	☐	1.000		6728111.29		A	1.3
7	☐	1.000		6824530.66		A	0.8
8	☐	1.000		6455927.89		A	0.6

165 Ho (ISTD) [No Gas]

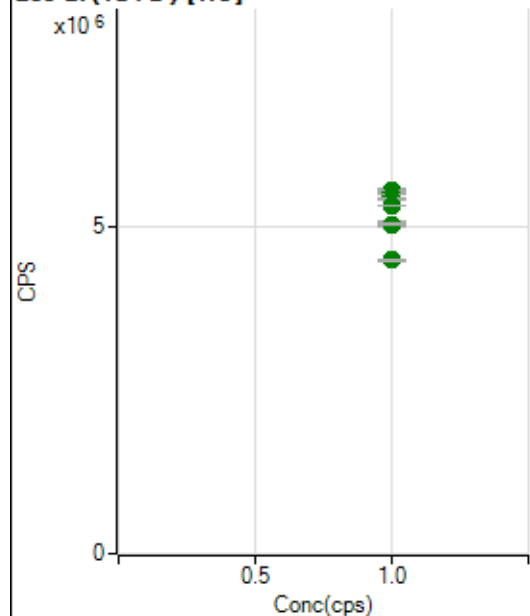
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19166883.19		A	1.9
2	☐	1.000		18869168.89		A	1.4
3	☐	1.000		18973812.77		A	1.3
4	☐	1.000		19230723.88		A	0.4
5	☐	1.000		19072554.86		A	2.1
6	☐	1.000		18774583.61		A	1.3
7	☐	1.000		18839581.25		A	0.3
8	☐	1.000		17218425.30		A	0.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7348301.42		A	0.6
2	☐	1.000		7256639.13		A	0.9
3	☐	1.000		7212824.55		A	0.4
4	☐	1.000		7304751.63		A	0.9
5	☐	1.000		7227860.52		A	0.8
6	☐	1.000		6978573.65		A	0.7
7	☐	1.000		7111347.67		A	0.7
8	☐	1.000		6690108.79		A	0.5

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12371269.26		A	2.7
2	☐	1.000		11939242.04		A	0.3
3	☐	1.000		11989498.16		A	1.4
4	☐	1.000		11864360.52		A	0.1
5	☐	1.000		11862431.91		A	2.0
6	☐	1.000		11505755.80		A	0.7
7	☐	1.000		11407413.72		A	0.7
8	☐	1.000		9749757.35		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5535397.97		A	1.1
2	☐	1.000		5511954.43		A	0.8
3	☐	1.000		5453267.00		A	1.1
4	☐	1.000		5408916.45		A	0.8
5	☐	1.000		5309387.04		A	0.4
6	☐	1.000		5029689.06		A	1.5
7	☐	1.000		5030385.48		A	0.4
8	☐	1.000		4483946.43		A	0.8

US EPA Tune Check Report

Reviewed By:Mohan
On:2/7/2025 11:31:39
AM
Inst Id :P8
ClientSampleId
:TUNE001

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8020625MS.b
Acq. Date-Time 2025-02-06 11:25:46
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		34446	344463.40			1.541	5.000
24		329372	3293722.22			1.582	5.000
25		44166	441660.86			1.232	5.000
26		50696	506958.33			1.541	5.000
59		189032	1890321.81			1.621	5.000
113		20040	200397.47			1.392	5.000
115		264609	2646091.49			1.679	5.000
206		59696	596964.50			0.762	5.000
207		51823	518233.47			0.791	5.000
208		129800	1298001.86			1.057	5.000
220		1	5.80			7.711	

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	35218	34731	34316	33932	34034
24	336234	333683	325165	325178	326601
25	44842	44675	43752	43771	43791
26	51733	51320	50333	50053	50040
59	191821	192378	187892	188083	184987
113	20449	20196	19941	19828	19785
115	270665	268075	261231	261559	261516
206	60320	60016	59432	59223	59491
207	52287	52248	51591	51435	51556
208	131470	130869	128040	129195	129427

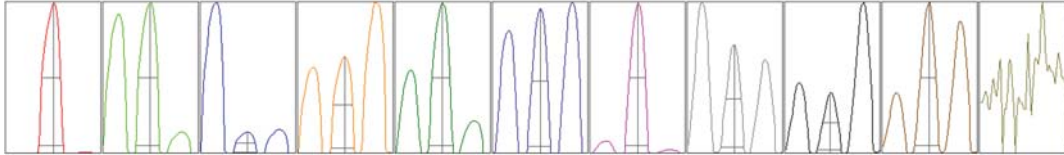
US EPA Tune Check Report

Reviewed By:Mohan
On:2/7/2025 11:31:39 AM
Inst Id :P8
ClientSampleId
:TUNE001

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	63938.77	9.05	8.90 - 9.10	
24	577951.13	24.00	23.90 - 24.10	
25	78495.43	25.00	24.90 - 25.10	
26	88999.95	26.00	25.90 - 26.10	
59	358767.91	59.00	58.90 - 59.10	
113	41293.54	113.05	112.90 - 113.10	
115	544936.58	115.05	114.90 - 115.10	
206	123634.18	206.00	205.90 - 206.10	
207	107028.64	206.95	206.90 - 207.10	
208	266325.64	208.00	207.90 - 208.10	
220			-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.773	0.900	
24	0.61	0.740	0.900	
25	0.61	0.737	0.900	
26	0.61	0.740	0.900	
59	0.55	0.768	0.900	
113	0.50	0.722	0.900	
115	0.50	0.722	0.900	
206	0.48	0.739	0.900	
207	0.49	0.770	0.900	
208	0.49	0.768	0.900	
220				

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.72 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

Reviewed By: Mohan
On: 2/7/2025 11:31:39 AM
Inst Id : P8
ClientSampleId
TUNE001

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	8.6 V	Deflect	14.2 V
Extract 2	-215.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-105 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	140 V		

QP Parameters

Mass Gain	103	Axis Gain	0.9961	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	0.03		

Hardware Settings

Torch

Torch H	-0.2 mm	Torch V	1.5 mm
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EM

Discriminator	4.1 mV	Analog HV	2176 V	Pulse HV	1085 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		36659	366593.10			0.418	
89		36943	369433.04			0.588	
205		37881	378808.54			0.361	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	36846	36779	36652	36526	36495
89	37115	36880	37045	37086	36591
205	37736	37845	37929	38091	37803

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.72 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	8.6 V	Deflect	3.0 V
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US EPA Tune Check Report

Reviewed By:Mohan
On:2/7/2025 11:31:39
AM
Inst Id :P8
ClientSampleId
TUNE001

Extract 2	-215.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-105 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	0.9961	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	0.03		
Hardware Settings					
Torch					
Torch H	-0.2 mm	Torch V	1.5 mm		
EM					
Discriminator	4.1 mV	Analog HV	2176 V	Pulse HV	1085 V

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.07	0.18	-0.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.00	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.30	0.30	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.03	0.00	0.00	N/A	ppb
Calcium	43-1	0.56	-0.23	-0.33	0.00	N/A	ppb
Calcium	44-1	-0.20	-0.40	0.59	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	-0.02	0.03	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	-0.33	0.00	0.33	0.00	N/A	ppb
Iron	56-2	-0.15	0.02	0.13	0.00	N/A	ppb
Iron	57-2	0.15	-0.33	0.18	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 : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 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	-0.42	-0.01	0.43	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	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	0.00	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	-14.77	-25.39	-14.47	-18.21		ppb
Potassium	39-2	-0.87	1.20	-0.34	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.02	0.00	-0.02	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.42	0.81	-0.39	0.00	N/A	ppb
Silicon	28-1	-1.04	0.08	0.96	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	-0.05	-0.54	0.59	0.00	N/A	ppb
Strontium	86-1	-0.02	0.00	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-346.96	-48.82	140.76	-85.01		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	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 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	0.00	-0.02	0.01	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.92	20.28	20.82	20.34	2.22	ppb
Antimony	121-1	2.15	2.25	2.16	2.19	2.58	ppb
Arsenic	75-2	1.02	1.26	1.03	1.10	12.23	ppb
Barium	135-1	10.46	11.08	10.57	10.70	3.07	ppb
Barium	137-1	10.64	10.90	10.48	10.67	1.99	ppb
Beryllium	9-1	1.11	1.11	1.10	1.11	0.60	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.97	1.12	1.10	1.06	7.84	ppb
Cadmium	106-1	1.22	1.12	0.63	0.99	32.20	ppb
Cadmium	111-1	1.19	1.13	1.13	1.15	3.16	ppb
Calcium	43-1	524.37	513.21	517.00	518.19	1.09	ppb
Calcium	44-1	511.61	504.67	515.21	510.50	1.05	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.08	2.05	2.16	2.10	2.81	ppb
Cobalt	59-2	1.17	1.16	1.20	1.18	1.92	ppb
Copper	63-2	2.24	2.22	2.26	2.24	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				97		%
Iron	54-2	53.84	56.24	55.67	55.25	2.27	ppb
Iron	56-2	53.50	53.59	54.13	53.74	0.63	ppb
Iron	57-2	50.15	51.08	54.55	51.93	4.46	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.01	1.05	1.03	1.75	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.04	1.04	1.03	1.04	0.58	ppb
Lead	208-1	1.02	1.02	1.03	1.02	0.34	ppb
Lithium	6-1				102		%
Magnesium	24-2	534.01	533.77	534.54	534.11	0.07	ppb
Manganese	55-2	0.98	1.08	1.13	1.06	7.14	ppb
Molybdenum	94-1	6.18	6.14	6.29	6.20	1.26	ppb
Molybdenum	95-1	5.19	5.30	5.20	5.23	1.09	ppb
Molybdenum	96-1	5.21	5.28	5.28	5.25	0.79	ppb
Molybdenum	97-1	5.17	5.43	5.34	5.32	2.44	ppb
Molybdenum	98-1	5.07	5.25	5.25	5.19	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.17	1.09	1.10	6.27	ppb
Phosphorus	31-2	14.81	12.28	27.54	18.21	44.90	ppb
Potassium	39-2	503.84	510.63	511.85	508.77	0.85	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				100		%
Selenium	82-1	5.30	5.24	5.25	5.27	0.64	ppb
Selenium	77-2	2.10	5.62	5.63	4.45	45.73	ppb
Selenium	78-2	4.49	5.12	2.88	4.16	27.73	ppb
Silicon	28-1	7.89	7.44	8.04	7.79	4.02	ppb
Silver	107-1	1.05	1.09	1.04	1.06	2.35	ppb
Silver	109-1	1.07	1.09	1.04	1.07	2.17	ppb
Sodium	23-2	520.10	523.33	519.84	521.09	0.37	ppb
Strontium	86-1	1.07	1.10	1.03	1.07	3.45	ppb
Strontium	88-1	1.05	1.07	1.07	1.06	1.14	ppb
Sulfur	34-1	132.96	-20.61	142.66	85.01	107.75	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	1.00	1.01	1.03	1.01	1.45	ppb
Thallium	205-1	1.04	1.05	1.03	1.04	1.06	ppb
Tin	118-1	5.45	5.62	5.32	5.46	2.82	ppb
Titanium	47-1	5.26	5.25	5.42	5.31	1.77	ppb
Uranium	238-1	0.97	0.96	0.96	0.97	0.63	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.13	5.20	5.42	5.25	2.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5.50	5.00	5.60	5.37	5.94	ppb
Zirconium	90-1	1.03	1.05	1.02	1.04	1.59	ppb
Zirconium	91-1	1.00	1.04	1.02	1.02	2.03	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	973.98	934.28	966.47	958.24	2.20	ppb
Antimony	121-1	49.56	50.53	50.23	50.11	0.99	ppb
Arsenic	75-2	48.54	50.39	49.02	49.32	1.94	ppb
Barium	135-1	242.36	244.79	245.22	244.13	0.63	ppb
Barium	137-1	254.09	252.56	252.26	252.97	0.39	ppb
Beryllium	9-1	50.74	49.87	51.11	50.57	1.25	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	52.09	51.97	51.87	51.97	0.21	ppb
Cadmium	106-1	51.54	53.28	52.49	52.44	1.66	ppb
Cadmium	111-1	50.09	51.10	50.28	50.49	1.07	ppb
Calcium	43-1	4727.55	4800.98	4831.98	4786.84	1.12	ppb
Calcium	44-1	4722.99	4765.39	4770.10	4752.83	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.23	48.16	48.62	48.67	1.10	ppb
Cobalt	59-2	50.96	49.31	49.96	50.08	1.66	ppb
Copper	63-2	535.67	514.15	520.84	523.55	2.10	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				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	2531.98	2438.72	2462.91	2477.87	1.95	ppb
Iron	56-2	2544.36	2459.29	2483.55	2495.73	1.76	ppb
Iron	57-2	2503.71	2422.56	2434.46	2453.58	1.79	ppb
Krypton	83-1						cps
Lead	206-1	251.23	256.24	246.65	251.37	1.91	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	256.33	249.39	248.69	251.47	1.68	ppb
Lead	208-1	251.70	247.41	249.05	249.39	0.87	ppb
Lithium	6-1				99		%
Magnesium	24-2	5118.39	4992.29	4993.89	5034.85	1.44	ppb
Manganese	55-2	502.54	484.89	488.35	491.92	1.90	ppb
Molybdenum	94-1	501.48	499.54	521.59	507.54	2.41	ppb
Molybdenum	95-1	498.16	498.26	514.75	503.72	1.90	ppb
Molybdenum	96-1	503.98	501.20	504.32	503.17	0.34	ppb
Molybdenum	97-1	507.32	503.71	513.11	508.04	0.93	ppb
Molybdenum	98-1	503.51	495.15	512.85	503.84	1.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.93	51.67	52.83	52.81	2.14	ppb
Phosphorus	31-2	991.63	949.43	1089.59	1010.22	7.12	ppb
Potassium	39-2	2385.33	2352.35	2371.14	2369.61	0.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	49.71	51.10	52.26	51.02	2.50	ppb
Selenium	77-2	51.55	49.43	55.76	52.25	6.17	ppb
Selenium	78-2	45.54	49.86	47.80	47.73	4.53	ppb
Silicon	28-1	52.62	51.79	52.97	52.46	1.16	ppb
Silver	107-1	50.12	50.92	51.04	50.69	0.98	ppb
Silver	109-1	50.75	51.66	51.91	51.44	1.19	ppb
Sodium	23-2	5030.80	4845.05	4980.09	4951.98	1.94	ppb
Strontium	86-1	48.21	48.46	49.57	48.75	1.49	ppb
Strontium	88-1	50.04	49.82	51.76	50.54	2.10	ppb
Sulfur	34-1	1206.08	1232.25	1458.80	1299.05	10.70	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	47.53	46.85	47.55	47.31	0.85	ppb
Thallium	205-1	50.36	50.05	49.38	49.93	1.00	ppb
Tin	118-1	49.51	50.02	50.08	49.87	0.63	ppb
Titanium	47-1	496.40	491.35	507.09	498.28	1.61	ppb
Uranium	238-1	48.62	46.64	48.38	47.88	2.26	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	48.86	47.12	48.01	48.00	1.81	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	528.57	513.74	513.10	518.47	1.69	ppb
Zirconium	90-1	50.21	49.53	50.97	50.23	1.43	ppb
Zirconium	91-1	47.56	48.02	48.73	48.10	1.23	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2409.43	2398.23	2399.67	2402.44	0.25	ppb
Antimony	121-1	129.23	132.80	129.48	130.50	1.53	ppb
Arsenic	75-2	124.01	124.50	122.25	123.59	0.96	ppb
Barium	135-1	632.82	651.29	633.20	639.10	1.65	ppb
Barium	137-1	626.60	633.98	622.42	627.67	0.93	ppb
Beryllium	9-1	123.31	127.30	126.09	125.56	1.63	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	123.93	128.70	130.28	127.64	2.59	ppb
Cadmium	106-1	122.66	127.33	129.17	126.39	2.66	ppb
Cadmium	111-1	122.58	126.11	125.30	124.66	1.49	ppb
Calcium	43-1	11699.08	12146.57	12263.92	12036.52	2.48	ppb
Calcium	44-1	11696.71	11981.16	12174.23	11950.70	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.67	121.12	121.71	121.50	0.27	ppb
Cobalt	59-2	124.38	124.43	124.11	124.31	0.14	ppb
Copper	63-2	1296.93	1287.42	1282.16	1288.83	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	54-2	6131.69	6246.15	6170.69	6182.85	0.94	ppb
Iron	56-2	6246.21	6332.27	6289.71	6289.40	0.68	ppb
Iron	57-2	6069.91	6118.08	6135.69	6107.89	0.56	ppb
Krypton	83-1						cps
Lead	206-1	624.65	618.50	633.78	625.64	1.23	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	628.42	627.25	633.85	629.84	0.56	ppb
Lead	208-1	623.74	624.27	628.36	625.45	0.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	12580.02	12695.61	12569.13	12614.92	0.56	ppb
Manganese	55-2	1272.35	1301.35	1268.82	1280.84	1.39	ppb
Molybdenum	94-1	1247.97	1241.65	1256.90	1248.84	0.61	ppb
Molybdenum	95-1	1260.74	1233.78	1238.62	1244.38	1.16	ppb
Molybdenum	96-1	1223.98	1244.72	1259.02	1242.57	1.42	ppb
Molybdenum	97-1	1227.48	1244.93	1280.03	1250.81	2.14	ppb
Molybdenum	98-1	1235.19	1246.17	1260.94	1247.43	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.14	133.49	133.15	133.26	0.15	ppb
Phosphorus	31-2	2518.33	2507.28	2575.93	2533.85	1.45	ppb
Potassium	39-2	5942.58	5984.48	6038.20	5988.42	0.80	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	82-1	124.36	128.52	128.59	127.16	1.91	ppb
Selenium	77-2	120.79	128.05	125.66	124.84	2.96	ppb
Selenium	78-2	120.59	131.23	122.17	124.67	4.61	ppb
Silicon	28-1	129.27	131.86	135.06	132.06	2.20	ppb
Silver	107-1	132.01	131.88	129.57	131.15	1.05	ppb
Silver	109-1	130.07	132.15	131.76	131.32	0.84	ppb
Sodium	23-2	12474.67	12298.95	12343.13	12372.25	0.74	ppb
Strontium	86-1	119.49	120.89	122.78	121.05	1.36	ppb
Strontium	88-1	126.51	124.40	126.01	125.64	0.88	ppb
Sulfur	34-1	2499.44	2735.81	3035.45	2756.90	9.74	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	124.92	123.27	126.26	124.82	1.20	ppb
Thallium	205-1	124.55	123.01	125.83	124.46	1.13	ppb
Tin	118-1	126.27	126.71	127.19	126.72	0.36	ppb
Titanium	47-1	1228.00	1268.84	1258.95	1251.93	1.70	ppb
Uranium	238-1	120.93	123.24	120.48	121.55	1.22	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	120.25	120.86	121.09	120.73	0.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1301.38	1307.08	1298.10	1302.19	0.35	ppb
Zirconium	90-1	122.82	124.89	128.08	125.27	2.11	ppb
Zirconium	91-1	118.76	119.57	121.73	120.02	1.28	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4792.20	4861.73	4813.75	4822.56	0.74	ppb
Antimony	121-1	271.29	275.14	264.99	270.47	1.89	ppb
Arsenic	75-2	255.72	256.27	250.13	254.04	1.34	ppb
Barium	135-1	1293.44	1297.31	1255.87	1282.21	1.79	ppb
Barium	137-1	1277.26	1279.81	1240.89	1265.99	1.72	ppb
Beryllium	9-1	260.93	259.67	262.15	260.92	0.48	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	261.60	265.88	254.40	260.63	2.23	ppb
Cadmium	106-1	259.68	263.54	254.64	259.28	1.72	ppb
Cadmium	111-1	252.16	259.18	247.18	252.84	2.38	ppb
Calcium	43-1	25365.68	25171.62	24744.84	25094.05	1.27	ppb
Calcium	44-1	24356.06	24733.18	24002.48	24363.91	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	243.31	246.09	244.18	244.52	0.58	ppb
Cobalt	59-2	256.98	258.94	255.72	257.21	0.63	ppb
Copper	63-2	2588.13	2600.60	2562.58	2583.77	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	54-2	12913.68	12715.61	12632.49	12753.92	1.13	ppb
Iron	56-2	12751.20	12843.14	12438.57	12677.64	1.67	ppb
Iron	57-2	12389.23	12402.08	12170.92	12320.74	1.05	ppb
Krypton	83-1						cps
Lead	206-1	1292.23	1267.95	1260.96	1273.71	1.29	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1281.28	1264.60	1256.86	1267.58	0.98	ppb
Lead	208-1	1286.07	1258.29	1254.34	1266.24	1.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	24962.63	25083.85	25227.33	25091.27	0.53	ppb
Manganese	55-2	2536.81	2563.82	2530.07	2543.57	0.70	ppb
Molybdenum	94-1	2588.66	2552.29	2568.88	2569.95	0.71	ppb
Molybdenum	95-1	2556.15	2565.69	2532.96	2551.60	0.66	ppb
Molybdenum	96-1	2545.83	2556.51	2500.72	2534.35	1.17	ppb
Molybdenum	97-1	2557.58	2571.73	2514.90	2548.07	1.16	ppb
Molybdenum	98-1	2572.64	2545.88	2507.37	2541.96	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.90	268.35	264.69	265.98	0.77	ppb
Phosphorus	31-2	5242.55	5182.96	5330.53	5252.01	1.41	ppb
Potassium	39-2	12526.49	12395.30	12168.27	12363.35	1.47	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				98		%
Selenium	82-1	262.90	263.28	259.35	261.84	0.83	ppb
Selenium	77-2	259.63	275.79	264.57	266.66	3.11	ppb
Selenium	78-2	259.94	256.78	253.27	256.67	1.30	ppb
Silicon	28-1	264.75	266.89	263.46	265.03	0.65	ppb
Silver	107-1	265.17	265.88	258.72	263.26	1.50	ppb
Silver	109-1	266.26	267.30	259.06	264.21	1.70	ppb
Sodium	23-2	24950.38	24695.33	24864.76	24836.82	0.52	ppb
Strontium	86-1	250.41	248.73	246.87	248.67	0.71	ppb
Strontium	88-1	254.20	256.06	248.76	253.01	1.50	ppb
Sulfur	34-1	5806.24	5508.16	5291.44	5535.28	4.67	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	259.34	253.27	252.12	254.91	1.52	ppb
Thallium	205-1	256.97	254.90	248.82	253.56	1.67	ppb
Tin	118-1	259.25	257.48	253.75	256.83	1.09	ppb
Titanium	47-1	2516.85	2571.61	2513.77	2534.08	1.28	ppb
Uranium	238-1	251.56	246.23	244.27	247.35	1.53	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	242.31	245.81	242.71	243.61	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				96		%
Zinc	66-2	2741.85	2708.22	2670.05	2706.71	1.33	ppb
Zirconium	90-1	256.20	253.71	254.66	254.86	0.49	ppb
Zirconium	91-1	253.44	257.34	254.31	255.03	0.80	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9622.10	9827.45	9775.79	9741.78	1.10	ppb
Antimony	121-1	489.26	502.66	501.46	497.79	1.49	ppb
Arsenic	75-2	492.94	508.62	514.48	505.35	2.20	ppb
Barium	135-1	2448.59	2506.42	2501.08	2485.36	1.29	ppb
Barium	137-1	2465.44	2537.05	2479.97	2494.15	1.52	ppb
Beryllium	9-1	483.06	508.61	511.01	500.89	3.09	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	493.31	497.87	494.24	495.14	0.49	ppb
Cadmium	106-1	491.60	502.73	498.34	497.56	1.13	ppb
Cadmium	111-1	496.65	498.26	503.30	499.40	0.69	ppb
Calcium	43-1	45940.87	49844.17	48313.97	48033.00	4.09	ppb
Calcium	44-1	46009.55	48329.84	47286.58	47208.66	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.45	516.53	517.34	516.77	0.10	ppb
Cobalt	59-2	509.94	521.31	513.93	515.06	1.12	ppb
Copper	63-2	5105.88	5311.72	5238.50	5218.70	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				88		%
Iron	54-2	25135.81	26152.09	26292.80	25860.23	2.44	ppb
Iron	56-2	25325.79	25670.95	25390.05	25462.26	0.72	ppb
Iron	57-2	25540.34	26727.68	26168.71	26145.58	2.27	ppb
Krypton	83-1						cps
Lead	206-1	2497.11	2527.83	2502.01	2508.98	0.66	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2487.38	2507.43	2540.38	2511.73	1.07	ppb
Lead	208-1	2471.66	2508.46	2510.92	2497.01	0.88	ppb
Lithium	6-1				94		%
Magnesium	24-2	50513.89	51027.29	50958.77	50833.32	0.55	ppb
Manganese	55-2	5068.29	5110.65	5101.74	5093.56	0.44	ppb
Molybdenum	94-1	4923.12	5022.86	5042.35	4996.11	1.28	ppb
Molybdenum	95-1	4894.92	5025.34	5045.08	4988.45	1.64	ppb
Molybdenum	96-1	4917.60	4970.02	4995.61	4961.08	0.80	ppb
Molybdenum	97-1	4910.83	4946.04	4996.72	4951.19	0.87	ppb
Molybdenum	98-1	4876.63	4968.31	5039.80	4961.58	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.82	501.79	491.40	492.34	1.83	ppb
Phosphorus	31-2	10108.93	10442.34	10253.89	10268.39	1.63	ppb
Potassium	39-2	24047.69	24761.50	24478.36	24429.18	1.47	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	82-1	488.93	497.53	508.05	498.17	1.92	ppb
Selenium	77-2	509.59	556.47	525.98	530.68	4.48	ppb
Selenium	78-2	483.33	506.68	514.90	501.64	3.26	ppb
Silicon	28-1	488.61	514.59	518.93	507.37	3.23	ppb
Silver	107-1	491.53	511.34	501.87	501.58	1.98	ppb
Silver	109-1	491.17	509.60	503.48	501.42	1.87	ppb
Sodium	23-2	50549.86	50145.25	50367.30	50354.13	0.40	ppb
Strontium	86-1	491.59	508.39	509.84	503.27	2.02	ppb
Strontium	88-1	491.33	500.96	501.28	497.86	1.14	ppb
Sulfur	34-1	9638.40	10227.23	10332.85	10066.16	3.72	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	500.91	497.03	504.00	500.65	0.70	ppb
Thallium	205-1	496.08	500.11	496.27	497.49	0.46	ppb
Tin	118-1	486.89	504.39	508.72	500.00	2.31	ppb
Titanium	47-1	4760.30	5097.69	4969.94	4942.64	3.45	ppb
Uranium	238-1	476.01	501.21	496.99	491.40	2.75	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	511.11	521.14	511.12	514.46	1.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	5147.83	5284.78	5132.78	5188.46	1.61	ppb
Zirconium	90-1	489.24	500.74	505.44	498.47	1.67	ppb
Zirconium	91-1	492.47	507.65	511.87	504.00	2.02	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19183.29	19534.98	19311.44	19343.24	0.92	ppb
Antimony	121-1	980.16	1007.88	997.84	995.29	1.41	ppb
Arsenic	75-2	992.72	990.29	1006.57	996.53	0.88	ppb
Barium	135-1	4917.27	5057.19	5018.93	4997.79	1.45	ppb
Barium	137-1	4909.90	5119.85	4965.58	4998.44	2.18	ppb
Beryllium	9-1	979.80	998.90	1011.47	996.72	1.60	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	990.32	1020.24	987.47	999.35	1.82	ppb
Cadmium	106-1	984.44	1012.17	999.21	998.60	1.39	ppb
Cadmium	111-1	985.90	1015.99	996.92	999.60	1.52	ppb
Calcium	43-1	94870.95	96292.48	97614.67	96259.37	1.43	ppb
Calcium	44-1	94627.71	95868.86	96020.19	95505.59	0.80	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	991.57	1011.97	976.92	993.49	1.77	ppb
Cobalt	59-2	986.26	990.07	995.92	990.75	0.49	ppb
Copper	63-2	9756.59	9846.93	9987.51	9863.68	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				98		%
Holmium	165-2				97		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	54-2	48530.01	49093.57	49921.48	49181.69	1.42	ppb
Iron	56-2	48163.77	48997.22	48459.94	48540.31	0.87	ppb
Iron	57-2	49986.02	50127.83	48767.66	49627.17	1.51	ppb
Krypton	83-1						cps
Lead	206-1	4902.61	4992.14	5073.54	4989.43	1.71	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4907.70	5010.97	5048.51	4989.06	1.46	ppb
Lead	208-1	4917.11	5024.93	5050.18	4997.41	1.41	ppb
Lithium	6-1				92		%
Magnesium	24-2	95755.12	98451.45	97180.24	97128.94	1.39	ppb
Manganese	55-2	9930.84	9935.33	9950.46	9938.88	0.10	ppb
Molybdenum	94-1	9701.32	10058.92	10192.44	9984.23	2.54	ppb
Molybdenum	95-1	9790.58	9911.80	10277.80	9993.39	2.54	ppb
Molybdenum	96-1	9877.68	9868.64	10288.60	10011.64	2.40	ppb
Molybdenum	97-1	9906.81	9890.00	10238.84	10011.88	1.96	ppb
Molybdenum	98-1	9833.82	10034.08	10158.65	10008.85	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.20	994.70	1006.08	998.66	0.64	ppb
Phosphorus	31-2	19578.83	20074.80	19740.56	19798.06	1.28	ppb
Potassium	39-2	47304.12	48389.52	47434.78	47709.47	1.24	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				95		%
Selenium	82-1	974.66	991.54	1026.69	997.63	2.66	ppb
Selenium	77-2	998.80	979.16	963.26	980.40	1.82	ppb
Selenium	78-2	983.31	999.27	1010.44	997.67	1.37	ppb
Silicon	28-1	996.45	1002.11	976.15	991.57	1.38	ppb
Silver	107-1	988.98	1008.60	987.69	995.09	1.18	ppb
Silver	109-1	998.17	1001.02	985.44	994.88	0.83	ppb
Sodium	23-2	96270.74	97702.03	95567.68	96513.48	1.13	ppb
Strontium	86-1	973.18	1012.06	1012.52	999.25	2.26	ppb
Strontium	88-1	984.24	1000.81	1015.60	1000.21	1.57	ppb
Sulfur	34-1	19700.15	20152.00	19505.95	19786.04	1.68	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	986.09	1000.83	1008.90	998.61	1.16	ppb
Thallium	205-1	992.26	996.84	1012.20	1000.43	1.04	ppb
Tin	118-1	987.37	1012.65	994.22	998.08	1.31	ppb
Titanium	47-1	10053.21	10018.00	9988.80	10020.00	0.32	ppb
Uranium	238-1	991.99	1020.91	1003.60	1005.50	1.45	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	987.46	992.33	1005.21	995.00	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				94		%
Zinc	66-2	9778.43	9898.42	9863.08	9846.64	0.63	ppb
Zirconium	90-1	967.97	1006.98	1023.57	999.50	2.86	ppb
Zirconium	91-1	973.12	991.74	1027.52	997.46	2.77	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101096.56	100422.91	98987.24	100168.90	1.08	ppb
Antimony	121-1	0.44	0.41	0.41	0.42	3.80	ppb
Arsenic	75-2	0.71	0.65	0.61	0.65	7.47	ppb
Barium	135-1	2.06	1.89	1.94	1.96	4.58	ppb
Barium	137-1	2.06	2.05	1.95	2.02	3.11	ppb
Beryllium	9-1	0.38	0.30	0.32	0.33	12.59	ppb
Bismuth	209-1				79		%
Bismuth	209-2				81		%
Bromine	81-1						cps
Cadmium	108-1	0.58	0.74	0.58	0.64	14.67	ppb
Cadmium	106-1	-0.16	-0.11	0.10	-0.05		ppb
Cadmium	111-1	0.15	0.15	0.15	0.15	2.43	ppb
Calcium	43-1	497361.39	504066.86	501433.22	500953.82	0.67	ppb
Calcium	44-1	496385.03	508682.43	498610.58	501226.02	1.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.26	2.13	2.21	3.05	ppb
Cobalt	59-2	2.30	2.17	2.20	2.22	3.14	ppb
Copper	63-2	1.52	1.54	1.55	1.54	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				91		%
Indium	115-1				82		%
Indium	115-2				81		%
Iron	54-2	253043.33	246073.09	251084.11	250066.84	1.44	ppb
Iron	56-2	252099.46	247844.21	250763.99	250235.89	0.87	ppb
Iron	57-2	251230.01	248118.08	250570.87	249972.99	0.66	ppb
Krypton	83-1						cps
Lead	206-1	1.33	1.26	1.28	1.29	2.62	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.31	1.30	1.25	1.29	2.63	ppb
Lead	208-1	1.30	1.28	1.26	1.28	1.73	ppb
Lithium	6-1				82		%
Magnesium	24-2	502190.78	498780.20	500478.21	500483.06	0.34	ppb
Manganese	55-2	4.70	4.38	4.64	4.57	3.73	ppb
Molybdenum	94-1	4.80	4.65	4.45	4.63	3.77	ppb
Molybdenum	95-1	1.70	1.53	1.57	1.60	5.55	ppb
Molybdenum	96-1	2.05	1.94	1.86	1.95	4.76	ppb
Molybdenum	97-1	1.59	1.50	1.39	1.49	6.59	ppb
Molybdenum	98-1	1.55	1.42	1.38	1.45	6.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.19	3.10	3.13	3.14	1.60	ppb
Phosphorus	31-2	-9.85	-22.32	-9.57	-13.91		ppb
Potassium	39-2	251478.37	250401.70	249709.46	250529.84	0.36	ppb
Rhodium	103-1				76		%
Rhodium	103-2				80		%
Scandium	45-1				84		%
Scandium	45-2				88		%
Selenium	82-1	0.03	0.32	-0.20	0.05	527.14	ppb
Selenium	77-2	0.00	0.76	0.00	0.25	173.21	ppb
Selenium	78-2	-0.78	-0.34	-0.56	-0.56		ppb
Silicon	28-1	23.24	23.43	22.05	22.91	3.25	ppb
Silver	107-1	0.15	0.12	0.12	0.13	14.16	ppb
Silver	109-1	0.15	0.13	0.12	0.13	10.24	ppb
Sodium	23-2	510918.95	498956.66	492145.50	500673.70	1.90	ppb
Strontium	86-1	3.41	3.39	3.37	3.39	0.56	ppb
Strontium	88-1	3.41	3.36	3.39	3.39	0.84	ppb
Sulfur	34-1	-243.04	-465.20	-707.55	-471.93		ppb
Terbium	159-1				89		%
Terbium	159-2				91		%
Thallium	203-1	0.12	0.10	0.09	0.10	15.65	ppb
Thallium	205-1	0.13	0.11	0.09	0.11	17.39	ppb
Tin	118-1	0.21	0.21	0.20	0.21	3.17	ppb
Titanium	47-1	1.47	1.29	1.32	1.36	7.26	ppb
Uranium	238-1	0.08	0.06	0.06	0.07	18.88	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.29	0.26	0.30	0.28	7.01	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				86		%
Yttrium	89-2				90		%
Zinc	66-2	4.94	4.69	4.43	4.69	5.41	ppb
Zirconium	90-1	1.83	1.85	1.81	1.83	0.97	ppb
Zirconium	91-1	1.88	1.87	1.80	1.85	2.27	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	467.31	482.84	478.93	476.36	1.70	ppb
Antimony	121-1	209.66	208.37	208.68	208.90	0.32	ppb
Arsenic	75-2	207.68	210.59	207.37	208.55	0.85	ppb
Barium	135-1	102.20	103.27	100.59	102.02	1.32	ppb
Barium	137-1	101.87	103.33	102.40	102.53	0.72	ppb
Beryllium	9-1	104.12	103.24	104.98	104.12	0.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	132.30	136.81	134.40	134.51	1.68	ppb
Cadmium	106-1	83.13	83.49	83.44	83.35	0.23	ppb
Cadmium	111-1	105.58	106.80	105.71	106.03	0.63	ppb
Calcium	43-1	2167.07	2181.71	2193.21	2180.66	0.60	ppb
Calcium	44-1	2127.71	2140.92	2134.14	2134.26	0.31	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.54	103.37	102.58	102.50	0.90	ppb
Cobalt	59-2	105.03	105.33	106.91	105.75	0.96	ppb
Copper	63-2	105.02	106.70	108.32	106.68	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2073.47	2102.64	2102.87	2092.99	0.81	ppb
Iron	56-2	2062.65	2018.33	2092.49	2057.82	1.81	ppb
Iron	57-2	1998.57	2010.84	2018.55	2009.32	0.50	ppb
Krypton	83-1						cps
Lead	206-1	208.99	209.75	214.81	211.18	1.50	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	199.56	204.97	209.00	204.51	2.32	ppb
Lead	208-1	203.05	207.66	209.59	206.76	1.62	ppb
Lithium	6-1				99		%
Magnesium	24-2	1133.24	1124.14	1139.99	1132.46	0.70	ppb
Manganese	55-2	100.37	102.09	102.47	101.64	1.10	ppb
Molybdenum	94-1	3934.92	3945.45	4035.17	3971.84	1.39	ppb
Molybdenum	95-1	4783.68	4878.43	4969.52	4877.21	1.91	ppb
Molybdenum	96-1	4718.18	4806.02	4843.09	4789.10	1.34	ppb
Molybdenum	97-1	4835.95	4902.79	4892.02	4876.92	0.74	ppb
Molybdenum	98-1	4762.33	4840.79	4853.20	4818.77	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.90	105.91	106.27	105.36	1.21	ppb
Phosphorus	31-2	-15.49	-24.94	-14.11	-18.18		ppb
Potassium	39-2	1898.05	1894.13	1929.63	1907.27	1.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	82-1	208.92	211.75	216.01	212.22	1.68	ppb
Selenium	77-2	228.29	222.56	197.98	216.28	7.45	ppb
Selenium	78-2	204.10	204.75	200.50	203.12	1.13	ppb
Silicon	28-1	0.81	1.86	1.88	1.52	40.24	ppb
Silver	107-1	48.85	50.22	49.53	49.53	1.38	ppb
Silver	109-1	49.69	50.66	50.75	50.37	1.17	ppb
Sodium	23-2	2020.67	2068.23	2013.16	2034.02	1.47	ppb
Strontium	86-1	504.00	513.12	515.28	510.80	1.17	ppb
Strontium	88-1	503.96	505.69	510.35	506.67	0.65	ppb
Sulfur	34-1	-655.31	-655.54	-705.71	-672.19		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	207.36	204.76	212.90	208.34	2.00	ppb
Thallium	205-1	204.09	201.72	205.83	203.88	1.01	ppb
Tin	118-1	0.05	0.09	0.05	0.06	37.76	ppb
Titanium	47-1	0.44	0.50	0.49	0.48	6.72	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.30	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	99.29	100.06	98.61	99.32	0.73	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	198.83	203.74	207.16	203.24	2.06	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	12.81	ppb
Zirconium	91-1	0.10	0.12	0.12	0.11	10.13	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.26	0.69	0.40	0.45	48.99	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	8.72	ppb
Arsenic	75-2	0.05	-0.02	-0.02	0.01	686.11	ppb
Barium	135-1	0.01	0.00	0.01	0.01	55.58	ppb
Barium	137-1	0.00	0.01	0.01	0.01	29.82	ppb
Beryllium	9-1	0.07	0.06	0.06	0.06	4.51	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	-0.03	-0.01	0.03	-0.01		ppb
Cadmium	106-1	-1.91	-0.51	-0.93	-1.12		ppb
Cadmium	111-1	-0.14	-0.03	-0.07	-0.08		ppb
Calcium	43-1	-0.99	0.47	0.13	-0.13		ppb
Calcium	44-1	1.09	0.95	1.31	1.12	16.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.15	-0.13	-0.14		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	83.21	ppb
Copper	63-2	0.30	0.32	0.31	0.31	3.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	54-2	-0.03	0.13	-0.43	-0.11		ppb
Iron	56-2	0.29	0.41	0.37	0.36	17.30	ppb
Iron	57-2	-0.62	-0.04	0.85	0.06	1178.49	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.12	0.13	0.13	2.59	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.14	0.14	0.14	2.20	ppb
Lead	208-1	0.14	0.14	0.14	0.14	1.48	ppb
Lithium	6-1				99		%
Magnesium	24-2	-10.21	-10.19	-10.38	-10.26		ppb
Manganese	55-2	-0.01	0.02	-0.02	0.00		ppb
Molybdenum	94-1	0.10	0.10	0.07	0.09	19.08	ppb
Molybdenum	95-1	0.12	0.10	0.12	0.11	10.65	ppb
Molybdenum	96-1	0.11	0.10	0.10	0.11	4.69	ppb
Molybdenum	97-1	0.11	0.07	0.09	0.09	18.49	ppb
Molybdenum	98-1	0.14	0.08	0.08	0.10	32.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.07	-0.01	-0.04		ppb
Phosphorus	31-2	-19.45	-19.28	-22.79	-20.51		ppb
Potassium	39-2	9.72	7.30	9.17	8.73	14.54	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.12	-0.08	0.06	0.03	299.83	ppb
Selenium	77-2	0.70	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	-0.80	-0.80	-0.39	-0.66		ppb
Silicon	28-1	-0.04	0.70	0.57	0.41	96.49	ppb
Silver	107-1	0.01	0.05	0.01	0.02	83.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.93	ppb
Sodium	23-2	21.79	20.05	21.77	21.20	4.71	ppb
Strontium	86-1	0.01	0.00	0.01	0.01	30.15	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	32.60	ppb
Sulfur	34-1	-457.71	-299.02	-217.94	-324.89		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	8.90	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	15.57	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb
Titanium	47-1	0.00	-0.01	0.01	0.00	509.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	82.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				98		%
Zinc	66-2	0.05	0.07	0.04	0.05	33.21	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	79.64	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	23.47	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87946.37	89438.57	88414.68	88599.87	0.86	ppb
Antimony	121-1	1.02	1.11	1.11	1.08	4.99	ppb
Arsenic	75-2	0.25	0.31	0.35	0.30	16.26	ppb
Barium	135-1	1.30	1.43	1.43	1.39	5.51	ppb
Barium	137-1	1.25	1.32	1.40	1.32	5.72	ppb
Beryllium	9-1	0.31	0.34	0.31	0.32	4.33	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	15.99	17.64	16.11	16.58	5.56	ppb
Cadmium	106-1	-2.85	-2.04	-2.12	-2.34		ppb
Cadmium	111-1	0.42	0.43	0.54	0.46	15.40	ppb
Calcium	43-1	88091.68	93451.76	93941.77	91828.41	3.53	ppb
Calcium	44-1	87758.75	95358.70	94327.91	92481.79	4.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.07	19.46	19.27	19.27	1.01	ppb
Cobalt	59-2	1.15	1.19	1.16	1.17	2.06	ppb
Copper	63-2	7.80	8.00	7.91	7.90	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	54-2	98052.46	99341.89	96567.18	97987.17	1.42	ppb
Iron	56-2	98563.42	99823.58	98387.66	98924.89	0.79	ppb
Iron	57-2	99252.46	100504.60	98111.92	99289.66	1.21	ppb
Krypton	83-1						cps
Lead	206-1	4.26	4.73	4.69	4.56	5.75	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	3.97	4.27	4.26	4.17	4.10	ppb
Lead	208-1	4.03	4.44	4.40	4.29	5.18	ppb
Lithium	6-1				95		%
Magnesium	24-2	92615.56	92290.17	91234.65	92046.79	0.78	ppb
Manganese	55-2	7.47	7.43	7.51	7.47	0.54	ppb
Molybdenum	94-1	1482.56	1588.05	1570.35	1546.98	3.65	ppb
Molybdenum	95-1	1794.26	1926.73	1940.25	1887.08	4.27	ppb
Molybdenum	96-1	1788.63	1880.67	1916.20	1861.83	3.54	ppb
Molybdenum	97-1	1820.47	1913.99	1969.89	1901.45	3.97	ppb
Molybdenum	98-1	1804.55	1925.46	1924.94	1884.98	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.96	5.13	5.06	5.05	1.70	ppb
Phosphorus	31-2	99888.01	100680.31	100310.48	100292.94	0.40	ppb
Potassium	39-2	94975.87	94943.54	93449.35	94456.25	0.92	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	-0.26	-0.11	-0.24	-0.20		ppb
Selenium	77-2	0.71	0.73	0.00	0.48	86.61	ppb
Selenium	78-2	-0.38	0.05	-0.80	-0.38		ppb
Silicon	28-1	25.17	29.46	30.02	28.21	9.41	ppb
Silver	107-1	0.06	0.07	0.06	0.07	7.03	ppb
Silver	109-1	0.06	0.07	0.07	0.07	5.42	ppb
Sodium	23-2	96749.68	97531.92	96183.11	96821.57	0.70	ppb
Strontium	86-1	30.12	32.75	32.94	31.93	4.94	ppb
Strontium	88-1	31.30	34.03	34.28	33.20	4.98	ppb
Sulfur	34-1	88018.42	93023.69	92045.39	91029.17	2.91	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.08	0.11	0.08	24.70	ppb
Thallium	205-1	0.07	0.09	0.10	0.09	16.00	ppb
Tin	118-1	0.19	0.24	0.22	0.21	11.46	ppb
Titanium	47-1	1888.18	2039.69	2066.10	1997.99	4.81	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	8.36	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.15	0.15	0.16	4.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	11.32	10.86	10.88	11.02	2.37	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.09	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	17.37	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90861.33	90283.38	88398.00	89847.57	1.43	ppb
Antimony	121-1	21.02	21.48	21.63	21.37	1.47	ppb
Arsenic	75-2	21.75	22.13	20.94	21.61	2.79	ppb
Barium	135-1	21.32	21.73	21.91	21.65	1.39	ppb
Barium	137-1	21.25	21.98	21.84	21.69	1.80	ppb
Beryllium	9-1	20.62	21.81	21.52	21.31	2.91	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	33.83	33.26	33.26	33.45	0.98	ppb
Cadmium	106-1	13.42	13.83	13.38	13.54	1.85	ppb
Cadmium	111-1	19.70	20.02	20.19	19.97	1.25	ppb
Calcium	43-1	97295.48	100218.32	97375.34	98296.38	1.69	ppb
Calcium	44-1	96697.00	98153.01	97114.87	97321.62	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.15	39.78	39.61	39.51	0.83	ppb
Cobalt	59-2	21.26	21.48	21.11	21.28	0.89	ppb
Copper	63-2	28.19	28.52	27.77	28.16	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	101126.81	101314.17	99254.75	100565.25	1.13	ppb
Iron	56-2	101949.54	101954.73	98882.26	100928.84	1.76	ppb
Iron	57-2	100776.80	100435.59	100573.25	100595.21	0.17	ppb
Krypton	83-1						cps
Lead	206-1	24.93	25.83	25.15	25.30	1.85	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	24.33	24.85	24.21	24.46	1.39	ppb
Lead	208-1	24.23	24.96	24.54	24.57	1.50	ppb
Lithium	6-1				93		%
Magnesium	24-2	93817.02	92229.32	90773.97	92273.44	1.65	ppb
Manganese	55-2	27.55	27.45	27.28	27.43	0.49	ppb
Molybdenum	94-1	1639.91	1670.97	1625.09	1645.32	1.42	ppb
Molybdenum	95-1	1998.17	2034.59	1960.54	1997.77	1.85	ppb
Molybdenum	96-1	1952.81	1985.38	1920.36	1952.85	1.66	ppb
Molybdenum	97-1	2016.37	2014.38	1979.61	2003.46	1.03	ppb
Molybdenum	98-1	1988.57	1997.40	1973.47	1986.48	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.88	24.90	24.26	24.68	1.48	ppb
Phosphorus	31-2	102725.17	103054.30	101474.46	102417.98	0.81	ppb
Potassium	39-2	98068.32	96128.18	95239.45	96478.65	1.50	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	20.32	21.21	20.08	20.54	2.90	ppb
Selenium	77-2	16.11	26.66	19.15	20.64	26.30	ppb
Selenium	78-2	21.99	15.30	19.81	19.03	17.93	ppb
Silicon	28-1	29.67	31.47	30.57	30.57	2.95	ppb
Silver	107-1	18.50	19.04	19.08	18.87	1.72	ppb
Silver	109-1	18.95	19.48	19.21	19.21	1.38	ppb
Sodium	23-2	99052.85	99081.49	97073.01	98402.45	1.17	ppb
Strontium	86-1	33.28	34.14	33.47	33.63	1.35	ppb
Strontium	88-1	34.33	35.69	34.55	34.86	2.11	ppb
Sulfur	34-1	96791.42	97585.44	95879.23	96752.03	0.88	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	20.54	21.28	20.95	20.92	1.77	ppb
Thallium	205-1	20.65	21.27	21.03	20.98	1.49	ppb
Tin	118-1	0.17	0.15	0.19	0.17	10.22	ppb
Titanium	47-1	2059.76	2151.40	2094.71	2101.96	2.20	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	2.51	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.95	19.94	19.65	19.84	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	30.69	31.48	30.76	30.97	1.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	8.52	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	17.94	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48684.71	47566.56	48760.86	48337.38	1.38	ppb
Antimony	121-1	487.95	506.55	499.37	497.95	1.88	ppb
Arsenic	75-2	494.26	494.86	494.14	494.42	0.08	ppb
Barium	135-1	2494.21	2579.48	2508.38	2527.36	1.81	ppb
Barium	137-1	2467.54	2517.39	2561.62	2515.52	1.87	ppb
Beryllium	9-1	502.11	526.64	519.81	516.19	2.45	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	482.69	495.79	492.52	490.33	1.39	ppb
Cadmium	106-1	478.71	490.67	500.17	489.85	2.20	ppb
Cadmium	111-1	483.04	504.07	493.47	493.53	2.13	ppb
Calcium	43-1	234940.28	236153.02	239051.28	236714.86	0.89	ppb
Calcium	44-1	227705.13	235151.37	237615.88	233490.80	2.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.75	511.27	510.13	510.38	0.16	ppb
Cobalt	59-2	496.60	490.40	493.29	493.43	0.63	ppb
Copper	63-2	4863.77	4724.25	4868.36	4818.79	1.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				89		%
Iron	54-2	121141.35	119211.95	121866.25	120739.85	1.14	ppb
Iron	56-2	120540.50	122285.71	121501.39	121442.53	0.72	ppb
Iron	57-2	121437.24	121542.70	121413.88	121464.61	0.06	ppb
Krypton	83-1						cps
Lead	206-1	2563.31	2645.43	2581.51	2596.75	1.66	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2554.95	2652.65	2592.83	2600.14	1.89	ppb
Lead	208-1	2531.96	2624.28	2582.37	2579.54	1.79	ppb
Lithium	6-1				89		%
Magnesium	24-2	241105.86	234007.32	235873.87	236995.69	1.55	ppb
Manganese	55-2	5015.49	5044.50	4989.22	5016.40	0.55	ppb
Molybdenum	94-1	5023.53	5211.92	5179.51	5138.32	1.96	ppb
Molybdenum	95-1	5069.41	5160.06	5200.53	5143.34	1.31	ppb
Molybdenum	96-1	5073.57	5060.71	5219.40	5117.90	1.72	ppb
Molybdenum	97-1	5073.85	5076.58	5196.56	5115.66	1.37	ppb
Molybdenum	98-1	5086.56	5122.49	5185.19	5131.41	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.62	454.63	465.39	461.21	1.25	ppb
Phosphorus	31-2	10104.79	10053.41	10101.84	10086.68	0.29	ppb
Potassium	39-2	119898.19	117690.11	118084.91	118557.74	0.99	ppb
Rhodium	103-1				85		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				96		%
Selenium	82-1	485.73	493.35	499.96	493.01	1.44	ppb
Selenium	77-2	445.49	504.23	500.57	483.43	6.81	ppb
Selenium	78-2	475.04	499.65	500.61	491.77	2.95	ppb
Silicon	28-1	500.22	521.83	528.27	516.78	2.84	ppb
Silver	107-1	479.93	489.67	491.59	487.06	1.28	ppb
Silver	109-1	475.39	500.91	490.47	488.92	2.62	ppb
Sodium	23-2	236252.17	234513.11	232850.32	234538.53	0.73	ppb
Strontium	86-1	512.29	524.44	517.13	517.95	1.18	ppb
Strontium	88-1	504.83	506.20	518.30	509.78	1.45	ppb
Sulfur	34-1	9315.40	9765.95	9773.03	9618.13	2.73	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	516.99	522.55	513.59	517.71	0.87	ppb
Thallium	205-1	505.66	530.81	529.14	521.87	2.70	ppb
Tin	118-1	500.15	507.17	515.18	507.50	1.48	ppb
Titanium	47-1	5012.58	5049.98	5311.35	5124.64	3.18	ppb
Uranium	238-1	513.56	536.35	524.96	524.96	2.17	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	506.69	504.86	512.71	508.09	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				96		%
Zinc	66-2	4818.09	4799.52	4851.23	4822.95	0.54	ppb
Zirconium	90-1	506.62	526.47	517.01	516.70	1.92	ppb
Zirconium	91-1	508.27	523.59	529.89	520.58	2.14	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.37	0.72	0.50	0.53	33.44	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	3.35	ppb
Arsenic	75-2	-0.02	-0.02	0.00	-0.01		ppb
Barium	135-1	0.00	0.01	0.00	0.00	162.12	ppb
Barium	137-1	0.01	0.01	0.00	0.00	157.64	ppb
Beryllium	9-1	0.09	0.08	0.08	0.08	7.58	ppb
Bismuth	209-1				101		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	-0.04	0.04	0.00	0.00		ppb
Cadmium	106-1	-0.98	-0.73	-0.94	-0.89		ppb
Cadmium	111-1	-0.06	-0.05	-0.07	-0.06		ppb
Calcium	43-1	-4.05	-3.57	-4.15	-3.92		ppb
Calcium	44-1	-2.80	-2.99	-0.96	-2.25		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.18	-0.15	-0.16	-0.16		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.01	0.02	0.02	58.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	1.49	1.08	0.85	1.14	28.39	ppb
Iron	56-2	1.16	1.18	1.14	1.16	2.05	ppb
Iron	57-2	0.86	1.17	-0.18	0.62	114.32	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.15	0.17	0.16	4.92	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.16	0.17	0.16	3.75	ppb
Lead	208-1	0.17	0.16	0.17	0.17	2.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	-11.42	-11.71	-11.37	-11.50		ppb
Manganese	55-2	0.02	0.00	0.00	0.01	165.56	ppb
Molybdenum	94-1	0.05	0.04	0.05	0.04	10.02	ppb
Molybdenum	95-1	0.05	0.03	0.03	0.04	32.20	ppb
Molybdenum	96-1	0.05	0.04	0.03	0.04	29.38	ppb
Molybdenum	97-1	0.05	0.03	0.03	0.04	36.48	ppb
Molybdenum	98-1	0.05	0.03	0.03	0.03	31.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.08	-0.05	-0.07		ppb
Phosphorus	31-2	-26.49	-19.82	-17.80	-21.37		ppb
Potassium	39-2	19.32	16.75	18.48	18.18	7.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	82-1	-0.53	0.18	-0.12	-0.16		ppb
Selenium	77-2	0.00	0.67	0.00	0.22	173.21	ppb
Selenium	78-2	-0.61	-0.42	-0.61	-0.55		ppb
Silicon	28-1	-2.60	-1.03	0.06	-1.19		ppb
Silver	107-1	0.02	0.02	0.02	0.02	11.00	ppb
Silver	109-1	0.02	0.02	0.01	0.02	21.15	ppb
Sodium	23-2	34.98	30.25	31.97	32.40	7.39	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	1760.38	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	8.49	ppb
Sulfur	34-1	-811.46	-489.84	-197.89	-499.73		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.04	0.04	0.03	11.57	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	5.90	ppb
Tin	118-1	-0.01	0.01	0.00	0.00		ppb
Titanium	47-1	0.05	0.04	0.02	0.04	35.56	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	57.70	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	-0.15	-0.02	-0.11	-0.09		ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	48.33	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	2.64	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12869.41	15272.54	13277.41	13806.46	9.31	ppb
Antimony	121-1	2.33	2.45	2.47	2.42	3.26	ppb
Arsenic	75-2	40.25	44.88	41.36	42.16	5.73	ppb
Barium	135-1	675.35	710.28	714.63	700.09	3.08	ppb
Barium	137-1	671.25	698.79	708.15	692.73	2.77	ppb
Beryllium	9-1	3.77	3.82	3.78	3.79	0.81	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	17.06	17.97	17.13	17.39	2.92	ppb
Cadmium	106-1	18.30	17.87	18.55	18.24	1.88	ppb
Cadmium	111-1	19.45	19.88	20.39	19.91	2.37	ppb
Calcium	43-1	147297.62	152053.23	151181.48	150177.44	1.69	ppb
Calcium	44-1	148319.07	146931.25	148087.35	147779.22	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	57.61	65.09	59.49	60.73	6.41	ppb
Cobalt	59-2	18.39	20.79	18.97	19.38	6.46	ppb
Copper	63-2	381.34	420.03	378.86	393.41	5.87	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				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	34560.60	38630.48	35217.26	36136.11	6.05	ppb
Iron	56-2	34445.43	38785.99	35513.31	36248.25	6.24	ppb
Iron	57-2	35289.50	39539.28	35457.60	36762.12	6.55	ppb
Krypton	83-1						cps
Lead	206-1	1493.06	1540.00	1525.08	1519.38	1.58	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1446.24	1499.40	1500.74	1482.12	2.10	ppb
Lead	208-1	1464.24	1505.46	1510.66	1493.45	1.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	10872.35	12477.09	11443.04	11597.49	7.01	ppb
Manganese	55-2	5966.92	6653.71	6115.99	6245.54	5.78	ppb
Molybdenum	94-1	8.22	8.81	8.75	8.60	3.78	ppb
Molybdenum	95-1	2.10	2.20	2.17	2.16	2.42	ppb
Molybdenum	96-1	2.68	2.83	2.89	2.80	3.72	ppb
Molybdenum	97-1	2.03	2.18	2.18	2.13	4.01	ppb
Molybdenum	98-1	2.08	2.21	2.16	2.15	3.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	68.27	76.29	69.40	71.32	6.09	ppb
Phosphorus	31-2	2752.10	3217.81	2902.01	2957.31	8.04	ppb
Potassium	39-2	5455.15	6198.58	5617.01	5756.91	6.79	ppb
Rhodium	103-1				97		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	10.93	11.49	11.39	11.27	2.67	ppb
Selenium	77-2	61.71	78.85	67.08	69.22	12.67	ppb
Selenium	78-2	19.94	19.31	20.30	19.85	2.52	ppb
Silicon	28-1	9541.28	9900.01	10039.52	9826.94	2.62	ppb
Silver	107-1	7.48	7.71	7.83	7.67	2.36	ppb
Silver	109-1	7.54	7.85	7.77	7.72	2.09	ppb
Sodium	23-2	554.82	645.24	577.78	592.61	7.93	ppb
Strontium	86-1	534.98	550.88	548.47	544.78	1.57	ppb
Strontium	88-1	530.92	559.15	548.66	546.24	2.61	ppb
Sulfur	34-1	310.79	540.51	625.74	492.35	33.09	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.66	0.72	0.73	0.70	5.03	ppb
Thallium	205-1	0.66	0.72	0.74	0.71	5.59	ppb
Tin	118-1	13.52	13.98	14.07	13.85	2.13	ppb
Titanium	47-1	225.95	230.28	234.65	230.29	1.89	ppb
Uranium	238-1	3.60	3.75	3.72	3.69	2.13	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.81	70.89	64.80	65.83	7.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				108		%
Zinc	66-2	4189.27	4706.41	4283.42	4393.04	6.27	ppb
Zirconium	90-1	3.64	3.87	3.84	3.79	3.32	ppb
Zirconium	91-1	3.59	3.80	3.86	3.75	3.88	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20651.43	21726.71	21064.62	21147.59	2.56	ppb
Antimony	121-1	3.93	3.91	3.91	3.92	0.36	ppb
Arsenic	75-2	72.97	76.84	73.68	74.50	2.77	ppb
Barium	135-1	2803.59	2793.00	2723.55	2773.38	1.57	ppb
Barium	137-1	2774.51	2831.01	2740.42	2781.98	1.64	ppb
Beryllium	9-1	3.60	3.50	3.41	3.50	2.63	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	71.49	71.24	69.29	70.68	1.70	ppb
Cadmium	106-1	69.72	69.70	70.08	69.83	0.31	ppb
Cadmium	111-1	85.46	85.22	84.81	85.16	0.39	ppb
Calcium	43-1	129836.20	129963.47	126400.52	128733.40	1.57	ppb
Calcium	44-1	126905.97	129455.38	124617.11	126992.82	1.91	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	42.92	45.27	44.08	44.09	2.66	ppb
Cobalt	59-2	36.74	38.96	37.74	37.81	2.95	ppb
Copper	63-2	632.16	676.34	645.78	651.43	3.47	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	109257.95	114993.12	111229.24	111826.77	2.61	ppb
Iron	56-2	110433.63	115948.43	111872.61	112751.56	2.54	ppb
Iron	57-2	110310.44	116026.20	112502.70	112946.45	2.55	ppb
Krypton	83-1						cps
Lead	206-1	1831.26	1801.17	1791.64	1808.02	1.14	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1779.24	1775.80	1750.96	1768.67	0.87	ppb
Lead	208-1	1794.38	1777.80	1765.26	1779.14	0.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	13822.73	14114.23	13550.20	13829.05	2.04	ppb
Manganese	55-2	6861.50	7206.96	6983.61	7017.36	2.50	ppb
Molybdenum	94-1	9.66	9.81	9.32	9.59	2.63	ppb
Molybdenum	95-1	4.81	4.80	4.66	4.76	1.83	ppb
Molybdenum	96-1	5.32	5.29	5.17	5.26	1.55	ppb
Molybdenum	97-1	4.87	4.75	4.68	4.76	2.01	ppb
Molybdenum	98-1	4.69	4.73	4.64	4.69	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.32	519.59	501.61	504.84	2.66	ppb
Phosphorus	31-2	4038.67	4208.36	3957.88	4068.31	3.14	ppb
Potassium	39-2	7427.09	7810.31	7569.69	7602.37	2.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	11.26	11.92	11.74	11.64	2.92	ppb
Selenium	77-2	77.76	74.46	81.61	77.94	4.59	ppb
Selenium	78-2	21.76	19.50	21.44	20.90	5.85	ppb
Silicon	28-1	5516.66	5681.79	5473.82	5557.42	1.98	ppb
Silver	107-1	9.37	9.37	9.37	9.37	0.03	ppb
Silver	109-1	9.41	9.48	9.38	9.43	0.53	ppb
Sodium	23-2	904.52	968.81	926.75	933.36	3.50	ppb
Strontium	86-1	502.67	491.72	494.24	496.21	1.16	ppb
Strontium	88-1	503.15	492.64	478.54	491.44	2.51	ppb
Sulfur	34-1	947.24	1172.74	1108.81	1076.26	10.80	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.14	1.17	1.16	1.16	1.37	ppb
Thallium	205-1	1.14	1.16	1.16	1.15	1.02	ppb
Tin	118-1	30.41	30.33	30.09	30.28	0.54	ppb
Titanium	47-1	332.31	332.81	329.58	331.57	0.52	ppb
Uranium	238-1	4.46	4.42	4.32	4.40	1.65	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	107.27	114.57	111.08	110.97	3.29	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				111		%
Zinc	66-2	5546.64	6037.57	5651.04	5745.08	4.50	ppb
Zirconium	90-1	3.17	3.19	3.12	3.16	1.10	ppb
Zirconium	91-1	3.20	3.28	3.13	3.20	2.42	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.12	0.09	0.00	8918.26	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	7.92	ppb
Arsenic	75-2	0.00	0.03	-0.02	0.00	530.04	ppb
Barium	135-1	0.00	0.00	0.01	0.00	182.68	ppb
Barium	137-1	0.01	0.00	0.00	0.00	119.29	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	4.06	ppb
Bismuth	209-1				95		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.06	0.03	0.04	42.90	ppb
Cadmium	106-1	-1.06	-0.87	-0.59	-0.84		ppb
Cadmium	111-1	-0.08	-0.07	-0.04	-0.06		ppb
Calcium	43-1	-2.52	-3.00	-4.78	-3.43		ppb
Calcium	44-1	0.83	-2.76	-3.28	-1.74		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.20	-0.19	-0.17	-0.18		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.08	-0.06	-0.09	-0.08		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				97		%
Holmium	165-2				102		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	54-2	0.80	0.71	0.57	0.69	16.67	ppb
Iron	56-2	1.07	0.86	0.83	0.92	14.17	ppb
Iron	57-2	0.17	0.49	-0.20	0.15	225.54	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.13	0.14	7.21	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.12	0.14	0.14	15.14	ppb
Lead	208-1	0.16	0.13	0.13	0.14	12.63	ppb
Lithium	6-1				98		%
Magnesium	24-2	-11.80	-11.96	-11.69	-11.82		ppb
Manganese	55-2	0.05	0.05	-0.01	0.03	109.47	ppb
Molybdenum	94-1	0.01	0.00	0.00	0.00	417.06	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	823.13	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	255.45	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	61.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.08	-0.08	-0.07		ppb
Phosphorus	31-2	-30.05	-26.73	-24.85	-27.21		ppb
Potassium	39-2	5.13	8.54	7.62	7.10	24.89	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				97		%
Scandium	45-2				103		%
Selenium	82-1	-0.09	-0.21	-0.43	-0.24		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	-0.05	-0.81	-0.36		ppb
Silicon	28-1	4.98	-0.29	-1.22	1.16	288.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	10.78	ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.50	ppb
Sodium	23-2	11.53	9.69	11.00	10.74	8.82	ppb
Strontium	86-1	0.02	-0.01	0.01	0.01	150.81	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	24.77	ppb
Sulfur	34-1	737.64	-244.45	-406.58	28.87	2144.58	ppb
Terbium	159-1				97		%
Terbium	159-2				103		%
Thallium	203-1	0.03	0.03	0.03	0.03	12.63	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	13.45	ppb
Tin	118-1	0.01	-0.01	-0.01	0.00		ppb
Titanium	47-1	0.03	0.02	0.00	0.02	76.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	25.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				104		%
Zinc	66-2	-0.17	-0.08	-0.11	-0.12		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	58.54	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.13	39.72	37.33	38.39	3.17	ppb
Antimony	121-1	3.89	3.82	3.93	3.88	1.44	ppb
Arsenic	75-2	2.03	1.89	2.07	2.00	4.82	ppb
Barium	135-1	18.90	18.93	19.47	19.10	1.69	ppb
Barium	137-1	19.12	19.10	19.37	19.20	0.79	ppb
Beryllium	9-1	2.05	2.06	2.07	2.06	0.54	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.99	1.62	1.84	1.82	10.36	ppb
Cadmium	106-1	1.81	1.17	2.30	1.76	32.28	ppb
Cadmium	111-1	1.93	1.97	2.13	2.01	5.32	ppb
Calcium	43-1	1131.32	1143.03	1132.18	1135.51	0.57	ppb
Calcium	44-1	1019.05	1037.88	1015.64	1024.19	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.59	3.41	3.45	3.48	2.76	ppb
Cobalt	59-2	1.91	1.97	1.94	1.94	1.57	ppb
Copper	63-2	4.30	4.17	4.18	4.22	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	381.64	387.77	374.58	381.33	1.73	ppb
Iron	56-2	382.74	378.68	381.54	380.99	0.55	ppb
Iron	57-2	379.53	378.34	375.82	377.90	0.50	ppb
Krypton	83-1						cps
Lead	206-1	1.96	1.90	1.88	1.91	1.94	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.97	1.94	1.95	1.96	0.72	ppb
Lead	208-1	1.96	1.91	1.93	1.93	1.16	ppb
Lithium	6-1				101		%
Magnesium	24-2	878.40	889.73	870.06	879.40	1.12	ppb
Manganese	55-2	2.01	1.91	1.91	1.94	2.91	ppb
Molybdenum	94-1	11.07	10.97	11.12	11.05	0.68	ppb
Molybdenum	95-1	9.34	9.25	9.45	9.35	1.10	ppb
Molybdenum	96-1	9.45	9.41	9.45	9.44	0.26	ppb
Molybdenum	97-1	9.38	9.43	9.36	9.39	0.36	ppb
Molybdenum	98-1	9.13	9.20	9.27	9.20	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	1.84	1.86	1.88	2.87	ppb
Phosphorus	31-2	31.42	28.18	28.40	29.33	6.17	ppb
Potassium	39-2	914.27	907.67	918.20	913.38	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	9.33	8.88	10.91	9.71	10.96	ppb
Selenium	77-2	11.29	12.05	6.03	9.79	33.49	ppb
Selenium	78-2	8.64	9.11	9.70	9.15	5.78	ppb
Silicon	28-1	19.09	18.77	17.10	18.32	5.83	ppb
Silver	107-1	1.97	1.92	2.02	1.97	2.57	ppb
Silver	109-1	1.92	1.97	1.97	1.95	1.53	ppb
Sodium	23-2	939.22	925.84	923.56	929.54	0.91	ppb
Strontium	86-1	428.95	422.15	434.51	428.54	1.44	ppb
Strontium	88-1	418.47	420.64	414.39	417.84	0.76	ppb
Sulfur	34-1	-164.01	-210.27	-167.84	-180.71		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.89	1.82	1.85	1.85	1.97	ppb
Thallium	205-1	1.86	1.85	1.84	1.85	0.59	ppb
Tin	118-1	9.78	9.60	9.87	9.75	1.43	ppb
Titanium	47-1	2.26	2.31	2.28	2.28	1.18	ppb
Uranium	238-1	1.71	1.71	1.71	1.71	0.17	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	9.42	9.69	9.53	9.55	1.41	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	9.70	10.09	10.07	9.95	2.22	ppb
Zirconium	90-1	1.80	1.85	1.82	1.82	1.35	ppb
Zirconium	91-1	1.86	1.82	1.88	1.85	1.73	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20365.67	20646.52	20892.87	20635.02	1.28	ppb
Antimony	121-1	1.09	1.16	1.18	1.15	4.07	ppb
Arsenic	75-2	55.35	54.91	56.50	55.59	1.48	ppb
Barium	135-1	226.97	233.20	238.84	233.00	2.55	ppb
Barium	137-1	240.30	243.40	252.62	245.44	2.61	ppb
Beryllium	9-1	1.00	1.04	1.00	1.01	2.32	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.44	0.45	0.51	0.47	8.40	ppb
Cadmium	106-1	-0.17	-0.25	-0.27	-0.23		ppb
Cadmium	111-1	0.15	0.13	0.16	0.14	8.66	ppb
Calcium	43-1	5193.16	5398.00	5289.56	5293.58	1.94	ppb
Calcium	44-1	5267.65	5416.88	5305.39	5329.97	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	48.13	49.41	49.59	49.04	1.62	ppb
Cobalt	59-2	27.41	27.59	27.89	27.63	0.88	ppb
Copper	63-2	93.55	95.72	95.45	94.91	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	57248.47	58228.01	58399.88	57958.79	1.07	ppb
Iron	56-2	58767.60	58996.65	59047.21	58937.15	0.25	ppb
Iron	57-2	58691.58	60234.31	59052.04	59325.98	1.36	ppb
Krypton	83-1						cps
Lead	206-1	23.92	24.60	24.98	24.50	2.19	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.09	23.54	23.86	23.50	1.65	ppb
Lead	208-1	23.35	23.95	24.39	23.90	2.18	ppb
Lithium	6-1				105		%
Magnesium	24-2	10444.06	10354.59	10380.72	10393.12	0.44	ppb
Manganese	55-2	468.00	477.03	477.12	474.05	1.11	ppb
Molybdenum	94-1	2.51	2.61	2.64	2.59	2.56	ppb
Molybdenum	95-1	1.12	1.21	1.26	1.20	5.93	ppb
Molybdenum	96-1	1.34	1.40	1.41	1.38	2.71	ppb
Molybdenum	97-1	1.09	1.27	1.23	1.20	8.01	ppb
Molybdenum	98-1	1.14	1.20	1.20	1.18	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	70.74	72.97	72.30	72.00	1.59	ppb
Phosphorus	31-2	574.20	615.19	648.03	612.47	6.04	ppb
Potassium	39-2	555.37	555.51	558.66	556.51	0.33	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.68	0.51	1.22	0.81	45.70	ppb
Selenium	77-2	27.35	25.22	21.06	24.54	13.04	ppb
Selenium	78-2	5.28	4.01	5.11	4.80	14.36	ppb
Silicon	28-1	5545.17	5719.41	5648.48	5637.69	1.55	ppb
Silver	107-1	0.42	0.41	0.37	0.40	7.22	ppb
Silver	109-1	0.43	0.37	0.36	0.39	9.35	ppb
Sodium	23-2	99.92	105.27	106.41	103.87	3.34	ppb
Strontium	86-1	49.05	51.17	51.35	50.52	2.52	ppb
Strontium	88-1	51.45	52.91	52.78	52.38	1.55	ppb
Sulfur	34-1	-1923.57	-2033.27	-2290.65	-2082.50		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.19	0.21	0.22	0.21	5.67	ppb
Thallium	205-1	0.20	0.21	0.22	0.21	6.35	ppb
Tin	118-1	0.31	0.30	0.34	0.32	6.65	ppb
Titanium	47-1	21.40	21.94	21.82	21.72	1.30	ppb
Uranium	238-1	0.43	0.44	0.45	0.44	1.83	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.04	61.74	61.97	61.59	0.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				106		%
Zinc	66-2	128.18	128.73	130.07	128.99	0.75	ppb
Zirconium	90-1	0.84	0.89	0.89	0.87	3.41	ppb
Zirconium	91-1	0.86	0.89	0.91	0.89	2.86	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20503.46	20756.85	20279.42	20513.24	1.16	ppb
Antimony	121-1	1.05	1.06	1.02	1.04	1.95	ppb
Arsenic	75-2	53.35	54.95	54.23	54.18	1.48	ppb
Barium	135-1	232.61	233.58	231.10	232.43	0.54	ppb
Barium	137-1	239.47	239.73	239.64	239.61	0.05	ppb
Beryllium	9-1	1.03	1.00	1.05	1.03	2.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.44	0.38	0.41	6.44	ppb
Cadmium	106-1	-1.50	-0.77	-1.15	-1.14		ppb
Cadmium	111-1	0.05	0.12	0.07	0.08	41.58	ppb
Calcium	43-1	5369.78	5368.52	5405.48	5381.26	0.39	ppb
Calcium	44-1	5310.48	5394.08	5379.48	5361.35	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	49.11	49.36	49.10	49.19	0.30	ppb
Cobalt	59-2	27.85	27.80	27.67	27.78	0.34	ppb
Copper	63-2	95.65	95.34	95.14	95.37	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	54-2	57723.70	59120.02	57822.37	58222.03	1.34	ppb
Iron	56-2	58240.06	59052.32	59491.79	58928.06	1.08	ppb
Iron	57-2	59391.88	58729.94	58174.67	58765.49	1.04	ppb
Krypton	83-1						cps
Lead	206-1	24.30	24.54	24.67	24.50	0.78	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	23.03	23.37	23.25	23.21	0.75	ppb
Lead	208-1	23.53	23.90	23.87	23.77	0.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	10378.03	10320.92	10549.27	10416.07	1.14	ppb
Manganese	55-2	468.89	475.41	468.77	471.02	0.81	ppb
Molybdenum	94-1	2.47	2.52	2.60	2.53	2.52	ppb
Molybdenum	95-1	1.15	1.19	1.23	1.19	3.32	ppb
Molybdenum	96-1	1.38	1.32	1.35	1.35	2.10	ppb
Molybdenum	97-1	1.16	1.15	1.23	1.18	4.00	ppb
Molybdenum	98-1	1.15	1.15	1.17	1.16	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	72.56	72.29	72.03	72.29	0.37	ppb
Phosphorus	31-2	563.83	605.29	620.64	596.59	4.93	ppb
Potassium	39-2	549.42	547.10	554.89	550.47	0.73	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	1.25	0.73	0.32	0.77	60.46	ppb
Selenium	77-2	19.29	28.01	25.07	24.13	18.40	ppb
Selenium	78-2	6.28	5.20	3.85	5.11	23.81	ppb
Silicon	28-1	5979.77	5852.21	5917.82	5916.60	1.08	ppb
Silver	107-1	0.33	0.35	0.35	0.34	3.22	ppb
Silver	109-1	0.34	0.35	0.35	0.34	0.61	ppb
Sodium	23-2	103.98	106.31	107.36	105.88	1.63	ppb
Strontium	86-1	50.12	50.18	51.43	50.58	1.46	ppb
Strontium	88-1	52.28	52.43	52.29	52.34	0.16	ppb
Sulfur	34-1	-2658.48	-2919.63	-3007.40	-2861.84		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.19	0.19	0.20	0.20	1.09	ppb
Thallium	205-1	0.19	0.20	0.22	0.20	7.82	ppb
Tin	118-1	0.29	0.27	0.27	0.27	3.96	ppb
Titanium	47-1	21.12	21.16	21.12	21.13	0.11	ppb
Uranium	238-1	0.44	0.45	0.44	0.44	1.38	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	61.47	61.23	61.22	61.30	0.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	127.84	128.28	128.61	128.24	0.30	ppb
Zirconium	90-1	0.84	0.87	0.88	0.86	1.95	ppb
Zirconium	91-1	0.92	0.92	0.90	0.91	0.94	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4088.29	4056.27	4047.43	4064.00	0.53	ppb
Antimony	121-1	0.23	0.25	0.23	0.24	4.63	ppb
Arsenic	75-2	10.75	11.13	10.77	10.88	1.98	ppb
Barium	135-1	43.99	46.26	46.07	45.44	2.78	ppb
Barium	137-1	44.57	46.84	45.93	45.78	2.50	ppb
Beryllium	9-1	0.21	0.21	0.20	0.21	0.58	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.12	0.12	0.13	11.17	ppb
Cadmium	106-1	-2.73	-1.89	-1.50	-2.04		ppb
Cadmium	111-1	-0.18	-0.11	-0.08	-0.12		ppb
Calcium	43-1	1059.20	1092.68	1077.76	1076.55	1.56	ppb
Calcium	44-1	1048.35	1071.59	1065.31	1061.75	1.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	10.39	10.31	10.38	10.36	0.42	ppb
Cobalt	59-2	5.68	5.63	5.59	5.64	0.79	ppb
Copper	63-2	19.24	19.25	19.32	19.27	0.21	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				100		%
Indium	115-2				99		%
Iron	54-2	11981.51	11926.03	12125.16	12010.90	0.86	ppb
Iron	56-2	11839.08	11803.53	11976.29	11872.97	0.77	ppb
Iron	57-2	11519.84	11505.01	11570.92	11531.92	0.30	ppb
Krypton	83-1						cps
Lead	206-1	4.86	5.07	4.93	4.95	2.18	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.59	4.88	4.71	4.73	3.05	ppb
Lead	208-1	4.66	4.90	4.75	4.77	2.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	2038.04	2053.97	2044.99	2045.67	0.39	ppb
Manganese	55-2	96.08	95.62	96.14	95.95	0.30	ppb
Molybdenum	94-1	0.54	0.57	0.52	0.54	4.73	ppb
Molybdenum	95-1	0.24	0.27	0.26	0.25	5.72	ppb
Molybdenum	96-1	0.26	0.31	0.32	0.30	10.04	ppb
Molybdenum	97-1	0.23	0.27	0.27	0.25	9.88	ppb
Molybdenum	98-1	0.25	0.25	0.26	0.25	3.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.36	14.41	14.84	14.54	1.83	ppb
Phosphorus	31-2	118.76	121.12	78.59	106.15	22.52	ppb
Potassium	39-2	112.53	114.39	113.05	113.33	0.85	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	-0.08	0.03	-0.17	-0.07		ppb
Selenium	77-2	6.01	4.01	8.72	6.24	37.83	ppb
Selenium	78-2	0.74	-0.03	1.33	0.68	100.87	ppb
Silicon	28-1	1125.10	1165.30	1132.87	1141.09	1.87	ppb
Silver	107-1	0.07	0.08	0.07	0.08	3.72	ppb
Silver	109-1	0.07	0.07	0.07	0.07	1.91	ppb
Sodium	23-2	34.86	33.66	33.41	33.98	2.29	ppb
Strontium	86-1	10.03	10.46	10.13	10.21	2.22	ppb
Strontium	88-1	10.02	10.44	10.13	10.20	2.10	ppb
Sulfur	34-1	-3094.55	-3014.84	-3060.19	-3056.53		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.83	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	3.68	ppb
Tin	118-1	0.05	0.04	0.03	0.04	22.72	ppb
Titanium	47-1	4.30	4.37	4.36	4.34	0.86	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	3.06	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	12.45	12.30	12.40	12.38	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	26.25	26.15	25.94	26.11	0.59	ppb
Zirconium	90-1	0.17	0.18	0.18	0.18	2.42	ppb
Zirconium	91-1	0.17	0.19	0.18	0.18	6.15	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20696.93	21067.87	21336.20	21033.67	1.53	ppb
Antimony	121-1	21.03	21.61	21.57	21.40	1.53	ppb
Arsenic	75-2	62.63	60.88	61.32	61.61	1.47	ppb
Barium	135-1	633.21	652.10	652.40	645.90	1.70	ppb
Barium	137-1	627.10	648.20	644.05	639.78	1.75	ppb
Beryllium	9-1	10.59	10.90	10.75	10.75	1.42	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	8.88	9.76	9.73	9.46	5.25	ppb
Cadmium	106-1	6.63	5.83	6.73	6.40	7.71	ppb
Cadmium	111-1	9.81	9.77	10.00	9.86	1.29	ppb
Calcium	43-1	6077.06	6271.07	6324.04	6224.06	2.09	ppb
Calcium	44-1	5839.38	6067.70	6076.28	5994.45	2.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	88.31	88.83	88.88	88.67	0.35	ppb
Cobalt	59-2	127.50	126.49	128.48	127.49	0.78	ppb
Copper	63-2	144.65	145.02	145.12	144.93	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				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	57808.76	57369.20	58191.12	57789.69	0.71	ppb
Iron	56-2	58352.58	58011.92	58533.84	58299.45	0.45	ppb
Iron	57-2	60308.26	58585.36	59269.14	59387.59	1.46	ppb
Krypton	83-1						cps
Lead	206-1	27.85	28.54	28.63	28.34	1.50	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	26.65	27.08	27.27	27.00	1.17	ppb
Lead	208-1	26.97	27.63	27.76	27.45	1.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	10292.09	10271.42	10247.60	10270.37	0.22	ppb
Manganese	55-2	563.76	568.32	572.21	568.10	0.74	ppb
Molybdenum	94-1	87.11	91.72	91.99	90.27	3.04	ppb
Molybdenum	95-1	103.48	107.72	109.61	106.94	2.93	ppb
Molybdenum	96-1	100.57	105.73	105.08	103.79	2.70	ppb
Molybdenum	97-1	103.99	109.84	108.72	107.51	2.89	ppb
Molybdenum	98-1	108.53	111.81	113.01	111.12	2.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	170.47	170.81	172.37	171.22	0.59	ppb
Phosphorus	31-2	628.93	608.67	611.49	616.36	1.78	ppb
Potassium	39-2	557.31	562.12	573.02	564.15	1.43	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				105		%
Selenium	82-1	3.85	3.92	4.29	4.02	5.85	ppb
Selenium	77-2	29.37	29.05	20.25	26.22	19.73	ppb
Selenium	78-2	8.85	8.18	7.72	8.25	6.88	ppb
Silicon	28-1	5768.00	6168.46	6067.63	6001.36	3.47	ppb
Silver	107-1	9.80	10.24	10.21	10.08	2.42	ppb
Silver	109-1	9.92	10.29	10.30	10.17	2.17	ppb
Sodium	23-2	100.90	105.48	106.94	104.44	3.02	ppb
Strontium	86-1	1950.63	1992.35	1968.83	1970.60	1.06	ppb
Strontium	88-1	1945.37	1991.38	1988.71	1975.15	1.31	ppb
Sulfur	34-1	-3394.52	-3371.81	-3390.67	-3385.67		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	9.35	9.63	9.74	9.57	2.06	ppb
Thallium	205-1	9.55	9.66	9.69	9.63	0.76	ppb
Tin	118-1	0.43	0.25	0.25	0.31	33.92	ppb
Titanium	47-1	19.95	20.62	20.89	20.48	2.35	ppb
Uranium	238-1	0.44	0.45	0.45	0.44	1.25	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	157.54	156.39	158.93	157.62	0.81	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	227.00	230.02	226.95	227.99	0.77	ppb
Zirconium	90-1	0.81	0.85	0.87	0.84	3.80	ppb
Zirconium	91-1	0.84	0.87	0.88	0.86	2.47	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.59	26.12	27.38	26.70	2.39	ppb
Antimony	121-1	0.01	0.00	0.00	0.00	37.02	ppb
Arsenic	75-2	-0.02	0.00	-0.02	-0.01		ppb
Barium	135-1	0.09	0.07	0.07	0.08	13.21	ppb
Barium	137-1	0.06	0.04	0.05	0.05	19.91	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	14.37	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.02	-0.01	0.02	0.01	250.42	ppb
Cadmium	106-1	-1.86	-2.07	-1.73	-1.89		ppb
Cadmium	111-1	-0.14	-0.16	-0.13	-0.14		ppb
Calcium	43-1	-3.05	-3.57	-3.33	-3.32		ppb
Calcium	44-1	-1.04	-0.55	-2.13	-1.24		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.11	-0.10	-0.12		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	13.72	ppb
Copper	63-2	0.29	0.31	0.33	0.31	7.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	3.69	3.64	2.85	3.39	13.79	ppb
Iron	56-2	4.02	3.80	2.97	3.60	15.44	ppb
Iron	57-2	3.90	2.91	3.62	3.48	14.60	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.07	0.08	11.77	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.08	0.06	0.07	17.37	ppb
Lead	208-1	0.08	0.08	0.07	0.08	12.15	ppb
Lithium	6-1				101		%
Magnesium	24-2	-9.87	-10.18	-10.10	-10.05		ppb
Manganese	55-2	0.05	0.03	0.03	0.04	30.59	ppb
Molybdenum	94-1	0.01	0.02	0.02	0.02	21.25	ppb
Molybdenum	95-1	0.02	0.02	0.00	0.02	62.88	ppb
Molybdenum	96-1	0.02	0.02	0.02	0.02	4.52	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	8.23	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	23.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.09	0.07	0.06	85.08	ppb
Phosphorus	31-2	-23.04	-19.27	-19.36	-20.55		ppb
Potassium	39-2	-0.40	1.72	3.90	1.74	123.63	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	-0.29	-0.47	0.10	-0.22		ppb
Selenium	77-2	0.00	0.00	0.66	0.22	173.21	ppb
Selenium	78-2	-0.62	-0.42	1.11	0.03	3765.59	ppb
Silicon	28-1	0.48	1.88	1.06	1.14	61.75	ppb
Silver	107-1	0.02	0.02	0.01	0.02	12.15	ppb
Silver	109-1	0.02	0.02	0.01	0.02	12.00	ppb
Sodium	23-2	22.19	21.84	22.03	22.02	0.81	ppb
Strontium	86-1	0.17	0.17	0.14	0.16	12.30	ppb
Strontium	88-1	0.17	0.17	0.12	0.15	17.07	ppb
Sulfur	34-1	-2979.77	-2791.66	-2897.63	-2889.69		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.02	0.03	18.37	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	7.33	ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	0.03	0.00	0.02	0.02	74.46	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.02	0.01	16.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	0.02	-0.02	0.01	0.00	2177.62	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	64.16	ppb
Zirconium	91-1	0.00	0.00	0.01	0.00	148.46	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.47	40.11	41.72	41.77	4.03	ppb
Antimony	121-1	4.22	4.33	4.23	4.26	1.38	ppb
Arsenic	75-2	2.26	2.17	1.86	2.10	9.85	ppb
Barium	135-1	20.58	20.92	20.72	20.74	0.82	ppb
Barium	137-1	20.91	21.01	20.64	20.85	0.94	ppb
Beryllium	9-1	2.21	2.27	2.23	2.23	1.46	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.97	2.21	2.36	2.18	9.08	ppb
Cadmium	106-1	-0.01	-0.11	0.24	0.04	452.32	ppb
Cadmium	111-1	2.02	2.05	1.99	2.02	1.51	ppb
Calcium	43-1	986.49	1015.42	1019.26	1007.06	1.78	ppb
Calcium	44-1	975.74	1008.37	1007.26	997.12	1.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.05	3.98	4.11	4.05	1.53	ppb
Cobalt	59-2	2.24	2.25	2.19	2.22	1.44	ppb
Copper	63-2	5.15	5.09	5.06	5.10	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	54-2	431.06	429.70	422.70	427.82	1.05	ppb
Iron	56-2	430.76	427.50	423.71	427.32	0.83	ppb
Iron	57-2	425.38	432.03	426.86	428.09	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.98	2.15	2.05	2.06	4.06	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.07	2.13	2.05	2.08	2.00	ppb
Lead	208-1	2.01	2.11	2.05	2.06	2.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	975.93	995.80	977.62	983.12	1.12	ppb
Manganese	55-2	2.13	2.22	2.13	2.16	2.39	ppb
Molybdenum	94-1	11.86	12.51	12.52	12.30	3.08	ppb
Molybdenum	95-1	9.98	10.23	10.36	10.19	1.89	ppb
Molybdenum	96-1	10.12	10.43	10.44	10.33	1.73	ppb
Molybdenum	97-1	10.15	10.38	10.56	10.36	1.96	ppb
Molybdenum	98-1	9.81	10.26	10.28	10.11	2.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.45	2.16	2.34	2.32	6.26	ppb
Phosphorus	31-2	42.63	35.31	14.81	30.92	46.64	ppb
Potassium	39-2	1012.62	1007.92	1011.62	1010.72	0.24	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	10.34	10.09	10.43	10.29	1.71	ppb
Selenium	77-2	12.77	9.49	11.64	11.30	14.78	ppb
Selenium	78-2	10.52	8.24	12.32	10.36	19.71	ppb
Silicon	28-1	20.82	21.61	20.92	21.12	2.03	ppb
Silver	107-1	2.10	2.12	2.11	2.11	0.40	ppb
Silver	109-1	2.12	2.13	2.15	2.13	0.72	ppb
Sodium	23-2	1038.67	1040.72	1027.23	1035.54	0.70	ppb
Strontium	86-1	1.99	2.08	2.17	2.08	4.36	ppb
Strontium	88-1	2.02	2.11	2.08	2.07	2.17	ppb
Sulfur	34-1	-2439.18	-2097.95	-2159.84	-2232.32		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.95	2.11	2.04	2.04	3.84	ppb
Thallium	205-1	2.01	2.12	2.04	2.06	2.77	ppb
Tin	118-1	10.65	10.78	10.67	10.70	0.63	ppb
Titanium	47-1	2.47	2.58	2.53	2.53	2.09	ppb
Uranium	238-1	1.85	1.94	1.88	1.89	2.56	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.65	10.84	10.69	10.73	0.93	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	10.89	10.82	10.97	10.90	0.69	ppb
Zirconium	90-1	1.98	2.03	2.07	2.03	2.08	ppb
Zirconium	91-1	2.00	1.96	2.05	2.01	2.07	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.28	8.63	8.89	8.60	3.54	ppb
Antimony	121-1	0.05	0.05	0.05	0.05	5.13	ppb
Arsenic	75-2	0.52	0.51	0.34	0.46	21.44	ppb
Barium	135-1	18.75	19.15	19.39	19.10	1.70	ppb
Barium	137-1	18.83	19.17	19.43	19.14	1.58	ppb
Beryllium	9-1	0.01	0.02	0.01	0.01	45.77	ppb
Bismuth	209-1				90		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.02	0.07	0.05	55.72	ppb
Cadmium	106-1	-1.34	-0.67	-0.42	-0.81		ppb
Cadmium	111-1	-0.10	-0.05	-0.04	-0.06		ppb
Calcium	43-1	354348.43	361669.50	362481.30	359499.74	1.25	ppb
Calcium	44-1	353147.97	355959.52	354341.87	354483.12	0.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.06	0.03	0.04	46.47	ppb
Cobalt	59-2	0.02	0.03	0.02	0.03	10.75	ppb
Copper	63-2	0.03	0.09	0.02	0.05	84.45	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				97		%
Indium	115-1				95		%
Indium	115-2				92		%
Iron	54-2	812.71	819.89	809.40	814.00	0.66	ppb
Iron	56-2	848.19	853.95	859.68	853.94	0.67	ppb
Iron	57-2	816.92	837.39	821.21	825.17	1.31	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.08	0.09	6.82	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.09	0.08	0.09	11.77	ppb
Lead	208-1	0.09	0.09	0.08	0.09	9.00	ppb
Lithium	6-1				95		%
Magnesium	24-2	115043.09	114531.06	115602.28	115058.81	0.47	ppb
Manganese	55-2	25.97	26.05	26.38	26.14	0.83	ppb
Molybdenum	94-1	0.46	0.42	0.42	0.43	5.94	ppb
Molybdenum	95-1	0.36	0.33	0.38	0.36	6.11	ppb
Molybdenum	96-1	0.36	0.36	0.36	0.36	0.50	ppb
Molybdenum	97-1	0.35	0.34	0.36	0.35	2.41	ppb
Molybdenum	98-1	0.34	0.33	0.34	0.34	1.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.01	0.02	0.02	154.66	ppb
Phosphorus	31-2	-6.76	-23.00	-17.60	-15.79		ppb
Potassium	39-2	3521.81	3508.79	3474.41	3501.67	0.70	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	82-1	0.04	0.24	0.38	0.22	76.22	ppb
Selenium	77-2	0.73	0.00	0.74	0.49	86.61	ppb
Selenium	78-2	-0.58	-0.38	-0.36	-0.44		ppb
Silicon	28-1	6119.83	6154.77	6192.01	6155.54	0.59	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.24	ppb
Silver	109-1	0.03	0.02	0.02	0.02	19.36	ppb
Sodium	23-2	31292.79	30865.94	31448.92	31202.55	0.97	ppb
Strontium	86-1	14544.33	14150.17	14563.91	14419.47	1.62	ppb
Strontium	88-1	14276.86	14191.15	14523.86	14330.62	1.21	ppb
Sulfur	34-1	409893.45	414056.37	416436.81	413462.21	0.80	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	8.74	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	11.19	ppb
Tin	118-1	0.81	0.80	0.87	0.83	4.21	ppb
Titanium	47-1	0.52	0.58	0.60	0.56	7.20	ppb
Uranium	238-1	0.22	0.22	0.22	0.22	1.92	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.11	0.12	0.11	3.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.68	0.56	0.66	0.63	10.34	ppb
Zirconium	90-1	0.09	0.08	0.08	0.09	7.98	ppb
Zirconium	91-1	0.11	0.09	0.08	0.09	14.88	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.09	5.31	5.64	5.68	6.86	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	31.50	ppb
Arsenic	75-2	0.06	0.04	0.02	0.04	48.27	ppb
Barium	135-1	8.90	9.51	8.96	9.12	3.68	ppb
Barium	137-1	9.08	9.71	9.11	9.30	3.84	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	7.17	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.04	0.05	0.03	91.45	ppb
Cadmium	106-1	-0.67	-0.72	-0.74	-0.71		ppb
Cadmium	111-1	-0.05	-0.05	-0.06	-0.05		ppb
Calcium	43-1	361896.98	377576.71	344317.25	361263.65	4.61	ppb
Calcium	44-1	350311.61	372677.51	338664.11	353884.41	4.88	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.04	0.06	0.03	93.73	ppb
Cobalt	59-2	0.04	0.04	0.04	0.04	1.68	ppb
Copper	63-2	0.35	0.37	0.38	0.37	4.79	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				91		%
Indium	115-2				87		%
Iron	54-2	28.89	24.15	25.18	26.08	9.56	ppb
Iron	56-2	25.66	25.91	25.68	25.75	0.53	ppb
Iron	57-2	33.02	35.35	34.01	34.13	3.42	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.10	0.10	4.04	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.08	0.09	10.04	ppb
Lead	208-1	0.10	0.09	0.09	0.09	6.00	ppb
Lithium	6-1				93		%
Magnesium	24-2	119712.85	115019.88	116297.92	117010.22	2.07	ppb
Manganese	55-2	8.18	8.00	8.25	8.14	1.59	ppb
Molybdenum	94-1	0.09	0.09	0.09	0.09	1.40	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	4.31	ppb
Molybdenum	96-1	0.04	0.03	0.03	0.03	15.78	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	20.38	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	15.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.04	0.12	0.09	44.63	ppb
Phosphorus	31-2	-13.71	-12.37	-16.98	-14.35		ppb
Potassium	39-2	4256.97	4195.07	4204.30	4218.78	0.79	ppb
Rhodium	103-1				86		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	82-1	0.13	0.39	0.62	0.38	63.81	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	-0.79	-0.13	-0.21		ppb
Silicon	28-1	7218.73	7731.61	6977.14	7309.16	5.27	ppb
Silver	107-1	0.03	0.03	0.02	0.03	4.82	ppb
Silver	109-1	0.02	0.02	0.02	0.02	13.40	ppb
Sodium	23-2	125117.26	121055.88	122603.57	122925.57	1.67	ppb
Strontium	86-1	15475.16	16171.01	15096.05	15580.74	3.50	ppb
Strontium	88-1	15075.34	15842.73	14754.92	15224.33	3.67	ppb
Sulfur	34-1	364364.01	389199.43	348676.51	367413.32	5.56	ppb
Terbium	159-1				94		%
Terbium	159-2				94		%
Thallium	203-1	0.02	0.01	0.01	0.01	43.68	ppb
Thallium	205-1	0.01	0.02	0.01	0.02	18.74	ppb
Tin	118-1	0.42	0.49	0.43	0.45	9.18	ppb
Titanium	47-1	0.91	1.03	0.87	0.94	8.84	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.18	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.04	0.04	0.05	0.04	15.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				93		%
Yttrium	89-2				93		%
Zinc	66-2	0.79	0.93	0.79	0.84	9.52	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	4.73	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	6.44	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1502.86	1485.73	1545.38	1511.33	2.03	ppb
Antimony	121-1	0.30	0.29	0.29	0.30	2.30	ppb
Arsenic	75-2	0.25	0.19	0.28	0.24	18.90	ppb
Barium	135-1	15.06	15.44	15.26	15.25	1.26	ppb
Barium	137-1	15.12	15.40	15.70	15.41	1.89	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	15.07	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.07	0.01	0.03	103.28	ppb
Cadmium	106-1	-0.80	-1.53	-0.33	-0.89		ppb
Cadmium	111-1	-0.05	-0.11	-0.01	-0.06		ppb
Calcium	43-1	266270.10	262634.92	273288.49	267397.84	2.03	ppb
Calcium	44-1	258438.43	256145.23	262185.74	258923.13	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.11	0.09	0.10	10.82	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	7.07	ppb
Copper	63-2	2.11	2.10	2.29	2.17	4.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	54-2	647.65	654.10	680.62	660.79	2.64	ppb
Iron	56-2	690.47	691.61	701.49	694.52	0.87	ppb
Iron	57-2	661.85	657.67	693.84	671.12	2.95	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.50	0.47	0.49	3.50	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.47	0.48	0.52	0.49	5.61	ppb
Lead	208-1	0.48	0.48	0.49	0.48	1.83	ppb
Lithium	6-1				96		%
Magnesium	24-2	75126.59	73720.29	77514.81	75453.90	2.54	ppb
Manganese	55-2	58.65	57.03	59.36	58.35	2.04	ppb
Molybdenum	94-1	0.96	0.92	0.97	0.95	2.62	ppb
Molybdenum	95-1	0.97	1.02	1.02	1.00	2.53	ppb
Molybdenum	96-1	0.98	1.02	1.01	1.00	2.14	ppb
Molybdenum	97-1	0.97	1.01	1.06	1.02	4.16	ppb
Molybdenum	98-1	1.01	1.01	1.01	1.01	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.25	0.24	0.34	0.28	18.65	ppb
Phosphorus	31-2	2.61	-16.11	-8.86	-7.45		ppb
Potassium	39-2	3771.22	3723.84	3891.49	3795.52	2.28	ppb
Rhodium	103-1				92		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.23	0.20	0.59	0.34	63.02	ppb
Selenium	77-2	0.00	2.10	0.72	0.94	113.63	ppb
Selenium	78-2	-0.21	-0.60	-0.38	-0.40		ppb
Silicon	28-1	6825.66	6873.63	6908.89	6869.39	0.61	ppb
Silver	107-1	0.08	0.07	0.08	0.07	2.77	ppb
Silver	109-1	0.06	0.07	0.06	0.06	3.09	ppb
Sodium	23-2	29264.45	29692.39	30424.00	29793.61	1.97	ppb
Strontium	86-1	14645.50	14917.89	15262.72	14942.04	2.07	ppb
Strontium	88-1	14879.97	14926.24	15284.68	15030.29	1.47	ppb
Sulfur	34-1	263997.89	264463.05	266054.09	264838.34	0.41	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.02	0.01	0.01	30.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	18.27	ppb
Tin	118-1	0.60	0.64	0.66	0.64	4.53	ppb
Titanium	47-1	0.86	0.93	0.99	0.93	6.67	ppb
Uranium	238-1	0.81	0.83	0.82	0.82	1.51	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.22	0.21	0.21	0.21	1.98	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	70.56	72.12	73.66	72.11	2.15	ppb
Zirconium	90-1	0.06	0.07	0.07	0.07	9.03	ppb
Zirconium	91-1	0.06	0.06	0.09	0.07	23.81	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.44	5.06	3.81	4.44	14.17	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	9.43	ppb
Arsenic	75-2	0.20	0.26	0.28	0.25	16.97	ppb
Barium	135-1	16.21	15.97	16.09	16.09	0.77	ppb
Barium	137-1	16.00	15.93	16.05	16.00	0.38	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	31.03	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.05	0.04	0.03	40.15	ppb
Cadmium	106-1	-1.14	-0.56	-1.09	-0.93		ppb
Cadmium	111-1	-0.09	-0.05	-0.08	-0.07		ppb
Calcium	43-1	277067.11	263940.95	271213.49	270740.52	2.43	ppb
Calcium	44-1	275597.81	255614.61	265286.28	265499.56	3.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.28	0.30	0.30	7.22	ppb
Cobalt	59-2	0.10	0.09	0.09	0.10	6.92	ppb
Copper	63-2	0.23	0.30	0.28	0.27	12.59	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				103		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	586.17	583.64	572.85	580.89	1.22	ppb
Iron	56-2	613.49	607.90	584.05	601.81	2.60	ppb
Iron	57-2	587.66	577.25	575.87	580.26	1.11	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.10	0.11	7.37	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.11	0.12	0.11	3.25	ppb
Lead	208-1	0.11	0.11	0.11	0.11	2.15	ppb
Lithium	6-1				100		%
Magnesium	24-2	76721.58	75916.61	74138.58	75592.26	1.75	ppb
Manganese	55-2	64.29	62.83	62.10	63.07	1.77	ppb
Molybdenum	94-1	0.90	0.85	0.88	0.88	2.72	ppb
Molybdenum	95-1	1.00	1.03	1.05	1.03	2.61	ppb
Molybdenum	96-1	1.01	0.97	1.03	1.00	3.18	ppb
Molybdenum	97-1	1.00	1.04	1.03	1.02	2.30	ppb
Molybdenum	98-1	1.03	1.00	1.03	1.02	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.33	0.37	0.39	15.47	ppb
Phosphorus	31-2	-20.20	-19.73	-15.13	-18.36		ppb
Potassium	39-2	3863.17	3764.88	3768.95	3799.00	1.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	0.16	-0.03	0.05	0.06	154.71	ppb
Selenium	77-2	0.69	0.00	0.00	0.23	173.21	ppb
Selenium	78-2	-0.60	-0.39	-0.59	-0.53		ppb
Silicon	28-1	7192.10	6806.35	6904.78	6967.74	2.88	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.34	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.64	ppb
Sodium	23-2	30955.18	30058.24	29735.89	30249.77	2.09	ppb
Strontium	86-1	15066.90	14756.97	15011.45	14945.11	1.11	ppb
Strontium	88-1	14897.39	14604.18	14815.48	14772.35	1.02	ppb
Sulfur	34-1	272351.63	263176.13	268027.09	267851.62	1.71	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.88	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.44	ppb
Tin	118-1	0.53	0.51	0.51	0.52	2.13	ppb
Titanium	47-1	0.57	0.55	0.61	0.58	4.71	ppb
Uranium	238-1	0.84	0.83	0.86	0.84	1.64	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.03	0.04	0.03	20.53	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	0.68	0.69	0.60	0.66	7.79	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	1.53	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	9.02	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.80	11.16	12.76	11.91	6.75	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	9.16	ppb
Arsenic	75-2	0.39	0.28	0.37	0.35	17.36	ppb
Barium	135-1	44.78	46.11	48.30	46.40	3.83	ppb
Barium	137-1	44.87	46.65	48.29	46.60	3.68	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	13.31	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	0.20	0.15	0.16	0.17	14.76	ppb
Cadmium	106-1	-0.44	-0.29	-1.04	-0.59		ppb
Cadmium	111-1	-0.03	-0.01	-0.07	-0.04		ppb
Calcium	43-1	450766.88	465166.41	492798.20	469577.16	4.55	ppb
Calcium	44-1	443562.27	452956.50	479849.94	458789.57	4.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.28	0.22	0.28	0.26	13.08	ppb
Cobalt	59-2	0.95	0.96	0.98	0.97	1.47	ppb
Copper	63-2	0.54	0.53	0.67	0.58	13.07	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				98		%
Holmium	165-2				99		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	835.12	839.68	862.67	845.82	1.75	ppb
Iron	56-2	884.29	886.19	881.43	883.97	0.27	ppb
Iron	57-2	851.86	846.12	884.04	860.68	2.37	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.15	0.15	0.14	5.55	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.15	0.16	0.14	15.55	ppb
Lead	208-1	0.13	0.14	0.16	0.15	8.64	ppb
Lithium	6-1				97		%
Magnesium	24-2	98721.32	101006.75	100482.44	100070.17	1.20	ppb
Manganese	55-2	26.04	26.39	26.78	26.40	1.39	ppb
Molybdenum	94-1	9.91	10.27	11.05	10.41	5.59	ppb
Molybdenum	95-1	11.73	12.01	12.71	12.15	4.15	ppb
Molybdenum	96-1	11.57	11.64	12.54	11.91	4.54	ppb
Molybdenum	97-1	12.06	12.18	12.77	12.34	3.11	ppb
Molybdenum	98-1	11.66	11.75	12.84	12.08	5.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.00	4.14	4.21	4.12	2.64	ppb
Phosphorus	31-2	-14.32	-18.66	-18.03	-17.00		ppb
Potassium	39-2	5679.13	5761.26	5874.36	5771.58	1.70	ppb
Rhodium	103-1				89		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				98		%
Selenium	82-1	0.57	0.68	0.34	0.53	32.43	ppb
Selenium	77-2	0.00	0.69	1.42	0.71	100.87	ppb
Selenium	78-2	-0.80	-0.40	-0.18	-0.46		ppb
Silicon	28-1	7041.21	7292.70	7564.74	7299.55	3.59	ppb
Silver	107-1	0.03	0.03	0.04	0.03	16.95	ppb
Silver	109-1	0.02	0.02	0.03	0.02	30.73	ppb
Sodium	23-2	177926.40	180299.00	182348.77	180191.39	1.23	ppb
Strontium	86-1	14327.91	14570.42	15496.92	14798.42	4.17	ppb
Strontium	88-1	14164.35	14460.74	15440.42	14688.50	4.55	ppb
Sulfur	34-1	369214.12	382100.41	400029.21	383781.25	4.03	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.03	0.03	11.89	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	2.22	ppb
Tin	118-1	0.72	0.72	0.76	0.73	3.03	ppb
Titanium	47-1	0.69	0.70	0.75	0.71	4.21	ppb
Uranium	238-1	0.07	0.08	0.08	0.08	5.35	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.25	0.22	0.23	0.23	6.82	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	0.87	0.72	0.81	0.80	9.38	ppb
Zirconium	90-1	0.15	0.15	0.18	0.16	8.69	ppb
Zirconium	91-1	0.15	0.15	0.18	0.16	9.96	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.00	6.49	7.86	6.78	14.18	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	8.27	ppb
Arsenic	75-2	5.12	4.83	5.01	4.99	2.88	ppb
Barium	135-1	51.18	49.96	51.56	50.90	1.65	ppb
Barium	137-1	51.35	50.48	51.00	50.94	0.86	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	13.32	ppb
Bismuth	209-1				93		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.02	0.06	0.06	77.61	ppb
Cadmium	106-1	0.56	-0.09	-0.50	-0.01		ppb
Cadmium	111-1	0.04	0.00	-0.03	0.01	668.06	ppb
Calcium	43-1	397763.00	386915.03	386606.05	390428.03	1.63	ppb
Calcium	44-1	386637.58	377042.88	376548.36	380076.28	1.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.19	1.21	1.25	1.22	2.77	ppb
Cobalt	59-2	0.12	0.13	0.13	0.13	2.64	ppb
Copper	63-2	0.27	0.26	0.33	0.29	14.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				95		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	54-2	5212.19	5341.09	5435.67	5329.65	2.10	ppb
Iron	56-2	5411.67	5472.50	5705.18	5529.78	2.80	ppb
Iron	57-2	5266.19	5326.93	5466.32	5353.15	1.92	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.17	0.16	4.63	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.17	0.20	0.15	0.18	12.75	ppb
Lead	208-1	0.18	0.18	0.17	0.17	3.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	117567.13	118859.53	120761.93	119062.86	1.35	ppb
Manganese	55-2	481.31	486.02	502.32	489.88	2.25	ppb
Molybdenum	94-1	2.43	2.20	2.28	2.30	5.12	ppb
Molybdenum	95-1	2.60	2.52	2.55	2.56	1.64	ppb
Molybdenum	96-1	2.48	2.42	2.52	2.47	2.06	ppb
Molybdenum	97-1	2.62	2.50	2.64	2.59	2.90	ppb
Molybdenum	98-1	2.52	2.44	2.51	2.49	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.68	0.74	0.70	4.17	ppb
Phosphorus	31-2	1.55	5.58	-3.16	1.32	330.53	ppb
Potassium	39-2	15152.52	15189.65	15503.57	15281.92	1.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				94		%
Selenium	82-1	0.28	0.74	0.29	0.44	59.91	ppb
Selenium	77-2	0.00	0.00	0.76	0.25	173.21	ppb
Selenium	78-2	-0.80	-1.01	-0.56	-0.79		ppb
Silicon	28-1	7511.85	7372.77	7303.30	7395.97	1.44	ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.48	ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.85	ppb
Sodium	23-2	87338.45	87318.25	89129.09	87928.59	1.18	ppb
Strontium	86-1	11813.96	11416.55	11707.96	11646.16	1.77	ppb
Strontium	88-1	11717.32	11337.38	11561.03	11538.58	1.65	ppb
Sulfur	34-1	489838.21	472084.12	478056.36	479992.90	1.88	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.01	0.01	0.01	22.32	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	14.25	ppb
Tin	118-1	0.47	0.49	0.48	0.48	1.97	ppb
Titanium	47-1	0.73	0.64	0.64	0.67	7.28	ppb
Uranium	238-1	0.52	0.51	0.51	0.51	0.71	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.20	0.19	0.21	0.20	5.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.64	0.68	0.72	0.68	5.54	ppb
Zirconium	90-1	0.10	0.10	0.11	0.10	1.49	ppb
Zirconium	91-1	0.12	0.11	0.11	0.11	4.61	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.74	25.87	22.01	24.54	8.94	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	13.80	ppb
Arsenic	75-2	0.10	0.07	0.05	0.07	39.60	ppb
Barium	135-1	11.00	11.17	11.39	11.19	1.74	ppb
Barium	137-1	11.13	11.09	11.55	11.26	2.28	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	27.43	ppb
Bismuth	209-1				91		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.04	0.13	0.06	94.77	ppb
Cadmium	106-1	-0.05	0.22	0.11	0.09	140.57	ppb
Cadmium	111-1	0.00	0.02	0.01	0.01	66.55	ppb
Calcium	43-1	368965.00	366617.35	394815.79	376799.38	4.15	ppb
Calcium	44-1	369541.63	356710.96	383130.36	369794.31	3.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.31	0.31	0.31	1.94	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	3.52	ppb
Copper	63-2	0.33	0.25	0.26	0.28	14.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	54-2	3154.14	2926.03	2850.21	2976.80	5.31	ppb
Iron	56-2	3302.21	2993.65	2977.45	3091.10	5.92	ppb
Iron	57-2	3170.38	2909.18	2854.36	2977.98	5.67	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	6.61	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.11	0.12	0.12	2.19	ppb
Lead	208-1	0.12	0.11	0.12	0.12	4.60	ppb
Lithium	6-1				97		%
Magnesium	24-2	115282.40	105841.20	104549.65	108557.75	5.40	ppb
Manganese	55-2	93.61	83.90	84.47	87.33	6.24	ppb
Molybdenum	94-1	0.94	0.95	1.00	0.96	3.30	ppb
Molybdenum	95-1	0.97	0.94	1.01	0.97	3.92	ppb
Molybdenum	96-1	0.97	0.93	0.97	0.96	2.31	ppb
Molybdenum	97-1	1.01	0.95	0.99	0.98	3.08	ppb
Molybdenum	98-1	0.95	0.94	1.02	0.97	4.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.36	0.28	0.29	0.31	14.15	ppb
Phosphorus	31-2	1.05	-10.10	-15.97	-8.34		ppb
Potassium	39-2	4093.11	3762.57	3700.71	3852.13	5.48	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	82-1	0.37	0.26	0.67	0.43	48.76	ppb
Selenium	77-2	0.00	0.00	0.72	0.24	173.21	ppb
Selenium	78-2	-0.32	-0.17	0.05	-0.15		ppb
Silicon	28-1	6594.93	6679.23	6871.63	6715.26	2.11	ppb
Silver	107-1	0.01	0.02	0.02	0.02	6.04	ppb
Silver	109-1	0.01	0.01	0.01	0.01	24.76	ppb
Sodium	23-2	40935.55	37393.08	36462.56	38263.73	6.17	ppb
Strontium	86-1	12615.00	12417.74	13228.07	12753.60	3.31	ppb
Strontium	88-1	12491.14	12283.12	13096.15	12623.47	3.35	ppb
Sulfur	34-1	410944.05	408284.71	431965.58	417064.78	3.11	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	0.01	0.01	0.01	0.01	8.83	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.11	ppb
Tin	118-1	0.55	0.51	0.57	0.54	5.57	ppb
Titanium	47-1	1.00	1.01	1.13	1.05	7.19	ppb
Uranium	238-1	0.35	0.34	0.35	0.35	1.84	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.15	0.16	0.12	0.14	13.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	0.66	0.71	0.53	0.63	14.79	ppb
Zirconium	90-1	0.07	0.07	0.08	0.07	6.31	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	5.06	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.00	8.31	8.97	8.42	5.89	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	5.38	ppb
Arsenic	75-2	0.11	0.14	0.09	0.11	20.76	ppb
Barium	135-1	17.43	15.26	16.42	16.37	6.63	ppb
Barium	137-1	17.57	15.33	16.34	16.41	6.84	ppb
Beryllium	9-1	0.03	0.02	0.02	0.02	19.83	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.02	0.08	0.06	51.03	ppb
Cadmium	106-1	0.25	0.46	-0.12	0.20	149.25	ppb
Cadmium	111-1	0.02	0.04	-0.01	0.01	159.66	ppb
Calcium	43-1	379305.79	333520.32	352646.36	355157.49	6.47	ppb
Calcium	44-1	373086.54	330786.37	343594.49	349155.80	6.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.67	0.70	0.68	0.68	2.74	ppb
Cobalt	59-2	0.05	0.06	0.05	0.05	15.27	ppb
Copper	63-2	13.96	14.20	13.87	14.01	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	1522.86	1523.89	1518.24	1521.66	0.20	ppb
Iron	56-2	1567.11	1590.35	1569.53	1575.66	0.81	ppb
Iron	57-2	1514.12	1510.92	1527.59	1517.54	0.58	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.09	0.11	0.11	26.25	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.10	0.12	0.11	11.90	ppb
Lead	208-1	0.13	0.10	0.11	0.11	16.58	ppb
Lithium	6-1				97		%
Magnesium	24-2	91040.28	91624.61	91030.74	91231.88	0.37	ppb
Manganese	55-2	45.67	45.81	45.91	45.79	0.27	ppb
Molybdenum	94-1	0.63	0.53	0.60	0.58	8.68	ppb
Molybdenum	95-1	0.64	0.55	0.55	0.58	8.30	ppb
Molybdenum	96-1	0.60	0.51	0.58	0.57	8.32	ppb
Molybdenum	97-1	0.64	0.54	0.59	0.59	8.95	ppb
Molybdenum	98-1	0.61	0.54	0.57	0.57	6.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.10	2.11	2.12	1.14	ppb
Phosphorus	31-2	-4.25	-7.57	-18.73	-10.18		ppb
Potassium	39-2	5914.86	5938.56	5961.26	5938.23	0.39	ppb
Rhodium	103-1				90		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	0.26	0.17	0.63	0.35	68.06	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.03	-0.18	-0.19	-0.11		ppb
Silicon	28-1	6385.06	5585.52	5875.24	5948.61	6.80	ppb
Silver	107-1	0.02	0.01	0.02	0.02	17.96	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.46	ppb
Sodium	23-2	44968.39	44705.99	44826.30	44833.56	0.29	ppb
Strontium	86-1	15243.10	12863.24	13863.71	13990.02	8.54	ppb
Strontium	88-1	15249.44	12639.81	13718.94	13869.40	9.45	ppb
Sulfur	34-1	410430.65	360468.57	377164.83	382688.01	6.65	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	36.51	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.65	ppb
Tin	118-1	0.76	0.63	0.70	0.70	9.56	ppb
Titanium	47-1	0.71	0.55	0.70	0.65	13.65	ppb
Uranium	238-1	0.11	0.09	0.10	0.10	7.31	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.12	0.13	0.11	0.12	5.48	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	0.92	1.13	0.96	1.00	11.36	ppb
Zirconium	90-1	0.07	0.06	0.07	0.06	9.14	ppb
Zirconium	91-1	0.07	0.06	0.06	0.07	11.38	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.43	3.93	4.47	4.28	7.06	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.29	ppb
Arsenic	75-2	0.11	0.13	0.16	0.13	16.46	ppb
Barium	135-1	15.27	15.97	16.43	15.89	3.68	ppb
Barium	137-1	15.40	16.12	16.57	16.03	3.69	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	22.13	ppb
Bismuth	209-1				93		%
Bismuth	209-2				84		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.04	0.00	0.03	87.76	ppb
Cadmium	106-1	-0.11	-0.51	-0.64	-0.42		ppb
Cadmium	111-1	-0.01	-0.03	-0.05	-0.03		ppb
Calcium	43-1	412869.76	421075.05	452949.38	428964.73	4.94	ppb
Calcium	44-1	406078.11	417501.39	441307.37	421628.96	4.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.01	0.03	0.03	74.38	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	0.91	ppb
Copper	63-2	0.41	0.43	0.45	0.43	4.54	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				103		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				83		%
Iron	54-2	1365.95	1348.33	1354.19	1356.16	0.66	ppb
Iron	56-2	1411.19	1380.91	1405.59	1399.23	1.15	ppb
Iron	57-2	1364.50	1353.65	1385.03	1367.73	1.17	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.11	0.13	0.12	9.18	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.10	0.11	0.12	0.11	11.00	ppb
Lead	208-1	0.10	0.11	0.13	0.12	14.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	144517.23	143617.59	147785.23	145306.68	1.51	ppb
Manganese	55-2	50.60	51.26	51.77	51.21	1.14	ppb
Molybdenum	94-1	0.57	0.65	0.67	0.63	8.50	ppb
Molybdenum	95-1	0.67	0.73	0.72	0.71	4.39	ppb
Molybdenum	96-1	0.65	0.69	0.74	0.70	6.31	ppb
Molybdenum	97-1	0.68	0.71	0.79	0.73	8.10	ppb
Molybdenum	98-1	0.66	0.69	0.71	0.69	4.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.24	0.25	0.21	0.24	8.73	ppb
Phosphorus	31-2	-7.95	-8.06	-10.60	-8.87		ppb
Potassium	39-2	4729.37	4705.87	4784.60	4739.95	0.85	ppb
Rhodium	103-1				93		%
Rhodium	103-2				86		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	82-1	0.36	0.33	0.22	0.30	25.34	ppb
Selenium	77-2	0.00	0.74	0.75	0.50	86.61	ppb
Selenium	78-2	-0.09	-0.14	-0.57	-0.27		ppb
Silicon	28-1	8069.40	8141.29	8650.41	8287.03	3.82	ppb
Silver	107-1	0.02	0.03	0.03	0.03	15.92	ppb
Silver	109-1	0.01	0.01	0.03	0.02	42.18	ppb
Sodium	23-2	186739.20	184918.82	189692.39	187116.80	1.29	ppb
Strontium	86-1	13425.27	14044.99	14835.24	14101.84	5.01	ppb
Strontium	88-1	13152.71	14039.41	14707.56	13966.56	5.58	ppb
Sulfur	34-1	437671.93	446083.44	472599.15	452118.18	4.03	ppb
Terbium	159-1				102		%
Terbium	159-2				92		%
Thallium	203-1	0.01	0.00	0.01	0.01	48.82	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	39.11	ppb
Tin	118-1	0.52	0.55	0.55	0.54	2.88	ppb
Titanium	47-1	0.71	0.67	0.69	0.69	3.15	ppb
Uranium	238-1	0.23	0.24	0.25	0.24	2.37	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.03	0.03	0.03	3.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	0.63	0.47	0.70	0.60	19.64	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	10.33	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	31.06	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.13	4.78	3.61	4.17	14.01	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	12.16	ppb
Arsenic	75-2	0.14	0.16	0.10	0.13	25.65	ppb
Barium	135-1	16.27	16.43	16.41	16.37	0.52	ppb
Barium	137-1	16.02	16.54	16.65	16.40	2.05	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	14.82	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.07	0.02	0.04	84.11	ppb
Cadmium	106-1	-0.09	-0.86	-1.60	-0.85		ppb
Cadmium	111-1	0.00	-0.07	-0.12	-0.06		ppb
Calcium	43-1	424251.00	443114.31	458530.84	441965.38	3.88	ppb
Calcium	44-1	416533.92	435832.54	449659.96	434008.81	3.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.12	0.15	0.12	0.13	15.72	ppb
Cobalt	59-2	0.05	0.05	0.04	0.05	8.37	ppb
Copper	63-2	3.40	3.69	3.44	3.51	4.56	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				100		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	54-2	1454.36	1528.48	1485.45	1489.43	2.50	ppb
Iron	56-2	1546.56	1581.53	1537.17	1555.09	1.50	ppb
Iron	57-2	1477.74	1530.59	1492.19	1500.18	1.82	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.08	0.09	0.09	6.86	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.08	0.10	0.09	0.09	11.05	ppb
Lead	208-1	0.09	0.09	0.09	0.09	4.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	144366.16	148119.91	142692.00	145059.36	1.92	ppb
Manganese	55-2	50.18	52.44	50.11	50.91	2.60	ppb
Molybdenum	94-1	0.60	0.64	0.63	0.63	3.18	ppb
Molybdenum	95-1	0.70	0.73	0.72	0.72	1.95	ppb
Molybdenum	96-1	0.71	0.73	0.72	0.72	0.91	ppb
Molybdenum	97-1	0.72	0.71	0.75	0.73	3.02	ppb
Molybdenum	98-1	0.69	0.70	0.72	0.70	1.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.27	0.30	0.27	12.76	ppb
Phosphorus	31-2	-15.01	-3.31	-15.94	-11.42		ppb
Potassium	39-2	4620.81	4887.59	4683.08	4730.50	2.95	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	0.60	0.09	0.09	0.26	112.91	ppb
Selenium	77-2	0.74	0.00	1.46	0.73	99.28	ppb
Selenium	78-2	-0.14	-0.58	-0.37	-0.36		ppb
Silicon	28-1	7993.59	8370.39	8681.10	8348.36	4.12	ppb
Silver	107-1	0.02	0.03	0.03	0.03	15.57	ppb
Silver	109-1	0.02	0.03	0.03	0.02	24.87	ppb
Sodium	23-2	185716.71	189832.75	181963.27	185837.58	2.12	ppb
Strontium	86-1	14074.42	14037.34	14625.73	14245.83	2.31	ppb
Strontium	88-1	13965.18	14014.67	14643.25	14207.70	2.66	ppb
Sulfur	34-1	443792.98	454162.94	474883.76	457613.23	3.46	ppb
Terbium	159-1				98		%
Terbium	159-2				96		%
Thallium	203-1	0.01	0.00	0.01	0.00	63.43	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.15	ppb
Tin	118-1	0.51	0.52	0.56	0.53	4.66	ppb
Titanium	47-1	0.81	0.70	0.71	0.74	8.41	ppb
Uranium	238-1	0.23	0.25	0.25	0.24	4.68	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.03	0.03	0.02	0.03	15.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	0.93	0.94	0.94	0.93	0.66	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	13.41	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	20.67	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.51	3.96	3.73	3.73	5.97	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	5.99	ppb
Arsenic	75-2	0.03	0.01	0.04	0.03	67.66	ppb
Barium	135-1	3.17	3.20	3.22	3.19	0.87	ppb
Barium	137-1	3.34	3.25	3.32	3.31	1.46	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	22.43	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.03	0.02	0.02	52.02	ppb
Cadmium	106-1	-0.20	-0.64	-0.14	-0.33		ppb
Cadmium	111-1	-0.01	-0.05	-0.01	-0.02		ppb
Calcium	43-1	86702.58	87031.67	87206.77	86980.34	0.29	ppb
Calcium	44-1	84696.12	86291.01	85024.67	85337.27	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	-0.10	-0.07	-0.08		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	53.18	ppb
Copper	63-2	0.52	0.57	0.54	0.54	5.29	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				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	275.11	276.08	275.62	275.60	0.18	ppb
Iron	56-2	275.33	277.09	278.61	277.01	0.59	ppb
Iron	57-2	275.08	269.76	274.32	273.05	1.05	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	13.15	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.05	0.05	3.16	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.22	ppb
Lithium	6-1				104		%
Magnesium	24-2	29163.29	29164.30	29857.36	29394.98	1.36	ppb
Manganese	55-2	12.59	12.76	12.76	12.70	0.74	ppb
Molybdenum	94-1	0.16	0.16	0.14	0.15	9.89	ppb
Molybdenum	95-1	0.15	0.16	0.17	0.16	6.87	ppb
Molybdenum	96-1	0.15	0.15	0.15	0.15	1.89	ppb
Molybdenum	97-1	0.17	0.16	0.14	0.16	8.62	ppb
Molybdenum	98-1	0.15	0.15	0.15	0.15	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.12	0.15	0.13	11.49	ppb
Phosphorus	31-2	-20.71	-28.23	-27.65	-25.53		ppb
Potassium	39-2	958.22	953.81	960.45	957.49	0.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.20	0.07	0.14	0.14	49.40	ppb
Selenium	77-2	0.69	0.00	0.67	0.45	86.63	ppb
Selenium	78-2	-0.81	-0.62	-0.23	-0.55		ppb
Silicon	28-1	1635.27	1683.35	1670.04	1662.89	1.49	ppb
Silver	107-1	0.02	0.02	0.02	0.02	9.83	ppb
Silver	109-1	0.02	0.01	0.01	0.01	23.33	ppb
Sodium	23-2	37208.68	36945.63	37005.40	37053.24	0.37	ppb
Strontium	86-1	2823.07	2845.67	2867.26	2845.33	0.78	ppb
Strontium	88-1	2796.68	2822.07	2841.84	2820.20	0.80	ppb
Sulfur	34-1	89799.19	91822.32	90954.99	90858.83	1.12	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.01	0.00	0.01	22.75	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	28.04	ppb
Tin	118-1	0.19	0.17	0.17	0.18	6.33	ppb
Titanium	47-1	0.17	0.14	0.17	0.16	9.24	ppb
Uranium	238-1	0.04	0.05	0.05	0.05	4.42	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.01	61.85	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	0.49	0.58	0.57	0.54	9.05	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	37.45	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	23.29	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1765.93	1882.71	1853.20	1833.95	3.31	ppb
Antimony	121-1	106.84	101.22	109.15	105.74	3.86	ppb
Arsenic	75-2	40.08	40.32	41.47	40.62	1.83	ppb
Barium	135-1	2088.84	2033.63	2158.69	2093.72	2.99	ppb
Barium	137-1	2076.80	2013.44	2131.73	2073.99	2.85	ppb
Beryllium	9-1	49.54	49.27	51.62	50.14	2.57	ppb
Bismuth	209-1				92		%
Bismuth	209-2				93		%
Bromine	81-1						cps
Cadmium	108-1	38.69	39.60	40.32	39.54	2.06	ppb
Cadmium	106-1	38.99	37.29	39.40	38.56	2.90	ppb
Cadmium	111-1	48.32	46.19	49.38	47.96	3.39	ppb
Calcium	43-1	443408.94	426142.76	454127.60	441226.43	3.20	ppb
Calcium	44-1	435147.37	422221.51	439651.57	432340.15	2.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	196.50	209.44	205.11	203.68	3.23	ppb
Cobalt	59-2	504.68	533.32	517.64	518.55	2.77	ppb
Copper	63-2	251.10	249.49	245.97	248.86	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	2399.61	2525.26	2500.93	2475.26	2.69	ppb
Iron	56-2	2347.19	2440.89	2403.98	2397.35	1.97	ppb
Iron	57-2	2257.71	2389.16	2337.98	2328.28	2.85	ppb
Krypton	83-1						cps
Lead	206-1	20.12	19.90	20.66	20.22	1.93	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	20.19	19.64	20.69	20.18	2.59	ppb
Lead	208-1	20.08	19.73	20.62	20.15	2.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	134905.77	143549.67	141063.07	139839.51	3.18	ppb
Manganese	55-2	521.93	551.72	538.87	537.51	2.78	ppb
Molybdenum	94-1	0.65	0.68	0.68	0.67	2.86	ppb
Molybdenum	95-1	0.71	0.71	0.80	0.74	7.05	ppb
Molybdenum	96-1	0.73	0.73	0.75	0.74	1.26	ppb
Molybdenum	97-1	0.70	0.70	0.77	0.72	5.76	ppb
Molybdenum	98-1	0.71	0.68	0.77	0.72	6.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	470.06	496.30	484.57	483.64	2.72	ppb
Phosphorus	31-2	-3.76	-5.92	-5.03	-4.91		ppb
Potassium	39-2	4525.15	4795.15	4671.74	4664.01	2.90	ppb
Rhodium	103-1				93		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	19.28	19.22	20.11	19.54	2.54	ppb
Selenium	77-2	12.53	21.10	15.99	16.54	26.06	ppb
Selenium	78-2	18.35	17.58	17.77	17.90	2.23	ppb
Silicon	28-1	8648.84	8376.15	8768.45	8597.81	2.34	ppb
Silver	107-1	45.83	44.96	47.73	46.17	3.07	ppb
Silver	109-1	46.84	45.17	48.38	46.80	3.44	ppb
Sodium	23-2	174580.37	186257.11	180303.28	180380.26	3.24	ppb
Strontium	86-1	13829.58	13853.14	14627.45	14103.39	3.22	ppb
Strontium	88-1	13921.07	13765.90	14607.34	14098.10	3.18	ppb
Sulfur	34-1	463428.72	448165.97	479530.89	463708.53	3.38	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	50.73	50.10	51.96	50.93	1.86	ppb
Thallium	205-1	54.91	53.15	55.22	54.43	2.06	ppb
Tin	118-1	0.59	0.57	0.60	0.59	2.58	ppb
Titanium	47-1	0.74	0.79	0.76	0.76	3.36	ppb
Uranium	238-1	0.25	0.24	0.25	0.25	1.82	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	513.59	527.79	537.72	526.37	2.30	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	453.34	482.04	468.81	468.06	3.07	ppb
Zirconium	90-1	0.05	0.05	0.05	0.05	4.48	ppb
Zirconium	91-1	0.06	0.08	0.08	0.07	11.99	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	588.14	589.99	590.28	589.47	0.20	ppb
Antimony	121-1	0.09	0.11	0.10	0.10	7.14	ppb
Arsenic	75-2	2.36	2.33	2.31	2.33	1.09	ppb
Barium	135-1	45.50	43.14	42.05	43.56	4.05	ppb
Barium	137-1	45.65	43.25	42.15	43.68	4.10	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	17.13	ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.62	0.51	0.55	0.56	9.70	ppb
Cadmium	106-1	0.60	1.15	-0.31	0.48	152.58	ppb
Cadmium	111-1	0.08	0.12	0.00	0.07	94.01	ppb
Calcium	43-1	147120.94	136843.39	135540.27	139834.87	4.54	ppb
Calcium	44-1	143323.31	135166.86	134663.18	137717.78	3.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.03	0.05	27.55	ppb
Cobalt	59-2	0.14	0.16	0.15	0.15	5.75	ppb
Copper	63-2	1.00	0.92	0.95	0.96	3.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	54-2	17.25	18.84	17.08	17.72	5.45	ppb
Iron	56-2	18.50	18.24	18.02	18.25	1.29	ppb
Iron	57-2	22.19	21.88	22.90	22.32	2.35	ppb
Krypton	83-1						cps
Lead	206-1	0.25	0.22	0.22	0.23	8.07	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.23	0.21	0.23	0.22	5.44	ppb
Lead	208-1	0.24	0.21	0.22	0.22	7.38	ppb
Lithium	6-1				106		%
Magnesium	24-2	22.47	24.34	22.75	23.19	4.35	ppb
Manganese	55-2	1.96	2.05	2.03	2.01	2.33	ppb
Molybdenum	94-1	38.17	35.81	35.41	36.47	4.09	ppb
Molybdenum	95-1	46.31	43.51	42.65	44.16	4.33	ppb
Molybdenum	96-1	44.96	42.29	41.53	42.93	4.20	ppb
Molybdenum	97-1	46.41	43.90	42.94	44.42	4.04	ppb
Molybdenum	98-1	45.82	42.55	42.18	43.52	4.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	161.41	159.77	160.30	160.49	0.52	ppb
Phosphorus	31-2	340.77	367.38	377.00	361.71	5.19	ppb
Potassium	39-2	60624.07	59943.66	58929.27	59832.33	1.43	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	1.87	1.63	1.62	1.71	8.09	ppb
Selenium	77-2	0.00	3.25	2.00	1.75	93.69	ppb
Selenium	78-2	0.13	0.88	0.93	0.64	69.84	ppb
Silicon	28-1	2495.92	2399.26	2355.50	2416.89	2.97	ppb
Silver	107-1	0.05	0.03	0.03	0.04	24.18	ppb
Silver	109-1	0.04	0.04	0.03	0.04	14.71	ppb
Sodium	23-2	30046.30	29725.59	30075.56	29949.15	0.65	ppb
Strontium	86-1	1432.76	1348.89	1319.81	1367.15	4.29	ppb
Strontium	88-1	1444.12	1338.31	1323.61	1368.68	4.80	ppb
Sulfur	34-1	14468.61	12775.97	12649.78	13298.12	7.64	ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.02	0.02	0.02	25.40	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.34	ppb
Tin	118-1	0.48	0.48	0.45	0.47	4.01	ppb
Titanium	47-1	0.76	0.64	0.58	0.66	13.44	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.72	2.74	2.69	2.72	0.95	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	1.33	1.29	1.29	1.30	2.04	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.26	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	6.89	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.33	53.78	46.63	52.58	10.37	ppb
Antimony	121-1	0.22	0.19	0.20	0.20	6.17	ppb
Arsenic	75-2	1.21	1.59	1.13	1.31	18.48	ppb
Barium	135-1	23.56	22.56	22.71	22.94	2.34	ppb
Barium	137-1	23.76	22.36	22.53	22.89	3.33	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	28.87	ppb
Bismuth	209-1				98		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.37	0.60	0.45	0.47	25.12	ppb
Cadmium	106-1	0.35	0.97	0.59	0.63	48.88	ppb
Cadmium	111-1	0.09	0.10	0.09	0.10	8.06	ppb
Calcium	43-1	18864.24	17680.02	17852.46	18132.24	3.53	ppb
Calcium	44-1	19151.47	17593.56	17776.47	18173.83	4.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.03	-0.05	-0.02		ppb
Cobalt	59-2	0.12	0.11	0.10	0.11	9.43	ppb
Copper	63-2	4.03	4.04	3.26	3.78	11.86	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				103		%
Holmium	165-2				109		%
Indium	115-1				102		%
Indium	115-2				103		%
Iron	54-2	127.80	125.40	106.76	119.99	9.60	ppb
Iron	56-2	126.40	124.66	107.17	119.41	8.90	ppb
Iron	57-2	123.17	125.87	113.12	120.72	5.56	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.08	0.10	25.47	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.11	0.10	0.09	0.10	9.23	ppb
Lead	208-1	0.11	0.09	0.08	0.09	14.13	ppb
Lithium	6-1				106		%
Magnesium	24-2	441.71	448.00	377.47	422.39	9.24	ppb
Manganese	55-2	8.37	8.43	7.30	8.04	7.90	ppb
Molybdenum	94-1	29.70	27.75	28.31	28.59	3.51	ppb
Molybdenum	95-1	36.00	34.03	34.46	34.83	2.97	ppb
Molybdenum	96-1	35.03	33.12	33.22	33.79	3.19	ppb
Molybdenum	97-1	36.05	34.02	34.63	34.90	2.99	ppb
Molybdenum	98-1	35.70	33.52	33.80	34.34	3.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.95	26.68	22.56	25.40	9.69	ppb
Phosphorus	31-2	107.43	87.03	96.12	96.86	10.55	ppb
Potassium	39-2	80508.24	79640.33	68454.29	76200.95	8.82	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	82-1	1.07	1.03	1.06	1.05	1.58	ppb
Selenium	77-2	1.34	1.36	0.00	0.90	86.61	ppb
Selenium	78-2	0.74	0.38	0.57	0.56	32.25	ppb
Silicon	28-1	2113.70	1977.76	2017.92	2036.46	3.43	ppb
Silver	107-1	0.02	0.02	0.01	0.02	33.47	ppb
Silver	109-1	0.02	0.02	0.02	0.02	9.08	ppb
Sodium	23-2	52562.08	52636.09	45279.71	50159.29	8.43	ppb
Strontium	86-1	543.90	528.68	517.53	530.04	2.50	ppb
Strontium	88-1	548.47	501.45	519.92	523.28	4.53	ppb
Sulfur	34-1	14567.05	12578.92	12528.35	13224.77	8.79	ppb
Terbium	159-1				103		%
Terbium	159-2				108		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.31	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	1.43	ppb
Tin	118-1	0.48	0.42	0.43	0.44	7.12	ppb
Titanium	47-1	0.39	0.36	0.39	0.38	4.53	ppb
Uranium	238-1	0.12	0.12	0.12	0.12	2.54	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	1.82	1.85	1.50	1.72	11.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				107		%
Zinc	66-2	4.38	4.19	3.79	4.12	7.40	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.30	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	24.34	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	753.54	693.20	640.55	695.76	8.13	ppb
Antimony	121-1	0.13	0.12	0.11	0.12	7.94	ppb
Arsenic	75-2	5.20	4.26	4.72	4.73	9.96	ppb
Barium	135-1	58.30	52.19	52.17	54.22	6.52	ppb
Barium	137-1	57.71	52.69	51.94	54.12	5.80	ppb
Beryllium	9-1	0.02	0.01	0.02	0.01	39.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	1.32	1.21	1.10	1.21	9.05	ppb
Cadmium	106-1	-0.31	0.23	-0.14	-0.07		ppb
Cadmium	111-1	0.01	0.06	0.03	0.03	76.88	ppb
Calcium	43-1	125257.59	114884.75	112089.64	117410.66	5.91	ppb
Calcium	44-1	124398.07	111691.49	110421.70	115503.75	6.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.57	0.48	0.44	0.50	12.96	ppb
Cobalt	59-2	0.18	0.13	0.13	0.15	17.59	ppb
Copper	63-2	2.73	2.41	2.35	2.50	8.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				112		%
Indium	115-1				97		%
Indium	115-2				106		%
Iron	54-2	16.28	14.05	13.25	14.53	10.81	ppb
Iron	56-2	15.97	14.39	13.26	14.54	9.38	ppb
Iron	57-2	19.01	17.20	15.17	17.13	11.22	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.06	0.07	17.24	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.05	0.05	0.06	16.69	ppb
Lead	208-1	0.08	0.06	0.06	0.07	14.41	ppb
Lithium	6-1				104		%
Magnesium	24-2	-4.97	-6.84	-6.59	-6.13		ppb
Manganese	55-2	0.84	0.80	0.75	0.80	5.49	ppb
Molybdenum	94-1	78.98	71.81	70.71	73.83	6.08	ppb
Molybdenum	95-1	95.78	86.70	86.30	89.59	5.99	ppb
Molybdenum	96-1	93.66	84.40	84.39	87.48	6.11	ppb
Molybdenum	97-1	95.79	88.06	87.81	90.55	5.01	ppb
Molybdenum	98-1	95.92	86.45	85.62	89.33	6.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	451.81	412.22	387.91	417.31	7.73	ppb
Phosphorus	31-2	555.61	554.31	507.72	539.22	5.06	ppb
Potassium	39-2	192994.40	173166.33	163903.79	176688.17	8.41	ppb
Rhodium	103-1				94		%
Rhodium	103-2				107		%
Scandium	45-1				99		%
Scandium	45-2				110		%
Selenium	82-1	2.07	1.67	2.10	1.95	12.39	ppb
Selenium	77-2	1.34	1.82	2.38	1.85	28.02	ppb
Selenium	78-2	0.36	0.41	0.03	0.27	76.95	ppb
Silicon	28-1	3291.45	2994.54	2954.21	3080.07	5.98	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.64	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.61	ppb
Sodium	23-2	117249.70	107373.52	101618.50	108747.24	7.27	ppb
Strontium	86-1	2514.02	2267.48	2205.36	2328.95	7.01	ppb
Strontium	88-1	2506.58	2267.74	2222.59	2332.30	6.54	ppb
Sulfur	34-1	15958.95	13322.03	12303.38	13861.46	13.61	ppb
Terbium	159-1				101		%
Terbium	159-2				112		%
Thallium	203-1	0.01	0.01	0.01	0.01	32.40	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.05	ppb
Tin	118-1	0.59	0.51	0.54	0.55	7.34	ppb
Titanium	47-1	0.87	0.78	0.70	0.78	10.82	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.96	2.70	2.56	2.74	7.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				111		%
Zinc	66-2	1.16	0.93	0.79	0.96	19.22	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	45.89	ppb
Zirconium	91-1	0.01	0.00	0.01	0.01	46.98	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47976.81	47843.64	47911.96	47910.80	0.14	ppb
Antimony	121-1	498.50	494.81	501.39	498.23	0.66	ppb
Arsenic	75-2	500.17	493.54	491.44	495.05	0.92	ppb
Barium	135-1	2527.35	2530.19	2521.48	2526.34	0.18	ppb
Barium	137-1	2470.09	2523.62	2520.69	2504.80	1.20	ppb
Beryllium	9-1	500.78	506.26	506.53	504.52	0.64	ppb
Bismuth	209-1				92		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	489.89	495.21	498.28	494.46	0.86	ppb
Cadmium	106-1	488.83	500.44	500.61	496.63	1.36	ppb
Cadmium	111-1	478.19	492.59	496.88	489.22	2.00	ppb
Calcium	43-1	236169.68	235527.59	235923.61	235873.63	0.14	ppb
Calcium	44-1	233912.85	229823.79	233700.62	232479.09	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	516.50	523.71	503.93	514.71	1.94	ppb
Cobalt	59-2	496.54	504.25	511.18	503.99	1.45	ppb
Copper	63-2	4883.75	4815.74	4768.40	4822.63	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	54-2	121167.78	120020.97	119464.81	120217.85	0.72	ppb
Iron	56-2	123247.76	121387.06	119927.70	121520.84	1.37	ppb
Iron	57-2	124858.82	122429.51	120147.24	122478.52	1.92	ppb
Krypton	83-1						cps
Lead	206-1	2571.64	2609.70	2552.56	2577.97	1.13	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2590.44	2602.24	2573.75	2588.81	0.55	ppb
Lead	208-1	2548.22	2588.29	2569.16	2568.56	0.78	ppb
Lithium	6-1				97		%
Magnesium	24-2	239830.92	239359.26	240632.27	239940.82	0.27	ppb
Manganese	55-2	5110.18	5011.91	4939.62	5020.57	1.71	ppb
Molybdenum	94-1	5034.75	5100.34	5100.03	5078.37	0.74	ppb
Molybdenum	95-1	5058.07	5126.51	5116.26	5100.28	0.72	ppb
Molybdenum	96-1	5013.09	5126.57	5140.98	5093.55	1.38	ppb
Molybdenum	97-1	4940.15	5109.79	5105.51	5051.82	1.91	ppb
Molybdenum	98-1	4955.71	5110.30	5099.74	5055.25	1.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.82	464.34	464.02	464.06	0.06	ppb
Phosphorus	31-2	9918.41	9880.61	9711.04	9836.69	1.12	ppb
Potassium	39-2	118573.42	119155.85	119483.50	119070.92	0.39	ppb
Rhodium	103-1				92		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	482.20	493.16	484.89	486.75	1.17	ppb
Selenium	77-2	536.91	489.20	490.60	505.57	5.37	ppb
Selenium	78-2	486.84	460.47	483.76	477.02	3.02	ppb
Silicon	28-1	535.46	536.48	548.70	540.22	1.36	ppb
Silver	107-1	482.27	478.33	485.00	481.87	0.70	ppb
Silver	109-1	479.80	480.22	492.08	484.03	1.44	ppb
Sodium	23-2	240799.53	240334.93	237726.67	239620.37	0.69	ppb
Strontium	86-1	508.75	514.26	511.07	511.36	0.54	ppb
Strontium	88-1	500.60	509.30	509.25	506.38	0.99	ppb
Sulfur	34-1	10551.13	10441.32	10081.83	10358.09	2.37	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	521.68	517.66	513.65	517.66	0.78	ppb
Thallium	205-1	513.71	516.84	516.72	515.76	0.34	ppb
Tin	118-1	502.85	501.50	512.68	505.68	1.21	ppb
Titanium	47-1	4971.39	5080.00	5107.93	5053.11	1.43	ppb
Uranium	238-1	514.93	516.71	522.11	517.92	0.72	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	516.69	516.68	510.76	514.71	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				98		%
Zinc	66-2	4935.00	4840.49	4753.00	4842.83	1.88	ppb
Zirconium	90-1	508.53	516.23	515.36	513.37	0.82	ppb
Zirconium	91-1	519.69	521.22	517.44	519.45	0.37	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:40:31 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.56	1.33	1.40	1.43	8.11	ppb
Antimony	121-1	0.15	0.13	0.12	0.14	11.90	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	444.67	ppb
Barium	135-1	0.12	0.08	0.08	0.09	20.95	ppb
Barium	137-1	0.10	0.08	0.08	0.09	12.21	ppb
Beryllium	9-1	0.16	0.14	0.13	0.15	9.74	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.06	0.04	0.05	17.87	ppb
Cadmium	106-1	-0.83	0.18	-0.47	-0.38		ppb
Cadmium	111-1	-0.03	0.05	-0.01	0.00	9189.77	ppb
Calcium	43-1	10.19	6.82	5.50	7.50	32.23	ppb
Calcium	44-1	12.34	8.57	7.71	9.54	25.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.16	-0.16	-0.13	-0.15		ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	28.25	ppb
Copper	63-2	0.29	0.26	0.26	0.27	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				109		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				100		%
Iron	54-2	3.90	2.71	3.48	3.36	17.90	ppb
Iron	56-2	3.51	3.32	3.37	3.40	2.82	ppb
Iron	57-2	3.64	3.83	2.12	3.19	29.39	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.29	0.26	0.30	14.67	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:40:31 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.28	0.26	0.29	11.88	ppb
Lead	208-1	0.33	0.29	0.25	0.29	12.80	ppb
Lithium	6-1				107		%
Magnesium	24-2	-5.09	-5.31	-5.63	-5.34		ppb
Manganese	55-2	0.12	0.11	0.09	0.11	12.63	ppb
Molybdenum	94-1	0.36	0.27	0.25	0.29	20.34	ppb
Molybdenum	95-1	0.33	0.26	0.23	0.27	19.63	ppb
Molybdenum	96-1	0.32	0.26	0.23	0.27	17.98	ppb
Molybdenum	97-1	0.30	0.25	0.23	0.26	15.63	ppb
Molybdenum	98-1	0.32	0.26	0.21	0.26	21.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.10	-0.06	-0.09		ppb
Phosphorus	31-2	-26.34	-25.69	-24.61	-25.55		ppb
Potassium	39-2	41.15	36.08	39.28	38.84	6.60	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	82-1	0.06	0.07	-0.11	0.00	3164.53	ppb
Selenium	77-2	0.00	0.66	0.68	0.45	86.63	ppb
Selenium	78-2	-1.01	-0.81	0.58	-0.41		ppb
Silicon	28-1	13.08	10.20	8.33	10.54	22.73	ppb
Silver	107-1	0.07	0.07	0.05	0.06	13.94	ppb
Silver	109-1	0.07	0.06	0.05	0.06	15.67	ppb
Sodium	23-2	59.24	54.81	56.04	56.70	4.04	ppb
Strontium	86-1	0.05	0.02	0.03	0.03	45.87	ppb
Strontium	88-1	0.06	0.05	0.04	0.05	22.72	ppb
Sulfur	34-1	-583.90	-606.80	-572.01	-587.57		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.05	0.05	6.06	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	15.17	ppb
Tin	118-1	0.03	0.03	0.01	0.02	37.76	ppb
Titanium	47-1	0.31	0.18	0.16	0.21	38.82	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	22.44	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:40:31 DataFile Name : 046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.02	0.02	0.02	34.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.02	-0.07	-0.09	-0.05		ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	20.26	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	19.72	ppb

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	93	57	78	24.37	cps
Antimony	121-1	47	53	43	48	10.66	cps
Arsenic	75-2	7	3	10	7	50.03	cps
Barium	135-1	90	73	40	68	37.56	cps
Barium	137-1	113	97	120	110	10.92	cps
Beryllium	9-1	322	284	292	300	6.78	cps
Bismuth	209-1	12687442	12408795	12017571	12371269	2.72	cps
Bismuth	209-2	5590091	5543926	5472177	5535398	1.07	cps
Bromine	81-1	4117	4351	4317	4262	2.96	cps
Cadmium	108-1	30	17	7	18	65.83	cps
Cadmium	106-1	8203	8112	7992	8102	1.30	cps
Cadmium	111-1	5731	5690	5607	5676	1.12	cps
Calcium	43-1	740	673	657	690	6.39	cps
Calcium	44-1	34825	33716	34131	34224	1.64	cps
Carbon	12-1	6523192	6438822	6514982	6492332	0.72	cps
Carbon	12-2	42755	42511	43257	42841	0.89	cps
Chlorine	35-1	167429	168582	167665	167892	0.36	cps
Chlorine	35-2	740	697	633	690	7.78	cps
Chromium	52-2	1620	1657	1753	1677	4.11	cps
Cobalt	59-2	103	103	77	94	16.30	cps
Copper	63-2	3757	3697	3954	3803	3.53	cps
Dysprosium	156-1	20	17	17	18	10.81	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	137	70	107	104	31.97	cps
Erbium	164-2	30	43	17	30	44.43	cps
Gadolinium	160-1	140	137	123	133	6.61	cps
Gadolinium	160-2	33	23	13	23	42.86	cps
Holmium	165-1	19576447	18928803	18995399	19166883	1.86	cps
Holmium	165-2	7320354	7402202	7322349	7348301	0.64	cps
Indium	115-1	16078425	15651327	15531985	15753912	1.82	cps
Indium	115-2	1726312	1761309	1743754	1743792	1.00	cps
Iron	54-2	493	553	600	549	9.74	cps
Iron	56-2	6261	6838	7058	6719	6.13	cps
Iron	57-2	207	170	207	194	10.89	cps
Krypton	83-1	320	243	307	290	14.12	cps
Lead	206-1	1403	1283	1350	1346	4.47	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1180	1090	1107	1126	4.25	cps
Lead	208-1	5230	5074	5074	5126	1.76	cps
Lithium	6-1	9190100	9041663	8946823	9059529	1.35	cps
Magnesium	24-2	4534	4687	4731	4651	2.22	cps
Manganese	55-2	140	143	140	141	1.37	cps
Molybdenum	94-1	380	400	343	374	7.68	cps
Molybdenum	95-1	143	140	187	157	16.62	cps
Molybdenum	96-1	233	193	213	213	9.37	cps
Molybdenum	97-1	90	100	103	98	7.10	cps
Molybdenum	98-1	260	190	243	231	15.82	cps
Neodymium	150-1	13	10	10	11	17.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	720	750	677	716	5.15	cps
Phosphorus	31-2	123	83	123	110	21.00	cps
Potassium	39-2	13073	13520	13043	13212	2.02	cps
Rhodium	103-1	15724710	15158605	14868218	15250511	2.86	cps
Rhodium	103-2	6235829	6236249	6222405	6231494	0.13	cps
Scandium	45-1	11687784	11382066	11197510	11422453	2.17	cps
Scandium	45-2	234216	236027	232111	234118	0.84	cps
Selenium	82-1	27	20	13	20	33.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	10	30	10	17	69.28	cps
Silicon	28-1	650213	648416	649585	649405	0.14	cps
Silver	107-1	163	213	213	197	14.68	cps
Silver	109-1	107	90	90	96	10.07	cps
Sodium	23-2	55756	55910	55615	55760	0.26	cps
Strontium	86-1	420	513	577	503	15.66	cps
Strontium	88-1	330	380	373	361	7.52	cps
Sulfur	34-1	817571	819783	821251	819535	0.23	cps
Terbium	159-1	20399134	19494686	19538821	19810880	2.57	cps
Terbium	159-2	7125790	7085516	7032339	7081215	0.66	cps
Thallium	203-1	263	233	197	231	14.45	cps
Thallium	205-1	537	470	483	497	7.10	cps
Tin	118-1	2034	1957	2254	2081	7.41	cps
Titanium	47-1	253	250	237	247	3.58	cps
Uranium	238-1	97	93	130	107	19.01	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:08:54 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	7	10	3	7	50.03	cps
Ytterbium	172-1	80	140	77	99	36.04	cps
Ytterbium	172-2	23	53	63	47	44.61	cps
Ytterbium	176-1	2210	1900	1980	2030	7.93	cps
Ytterbium	176-2	413	460	497	457	9.15	cps
Yttrium	89-1	28625784	27692795	27314580	27877720	2.42	cps
Yttrium	89-2	2207354	2157535	2118957	2161282	2.05	cps
Zinc	66-2	340	327	343	337	2.62	cps
Zirconium	90-1	890	1033	877	933	9.31	cps
Zirconium	91-1	147	150	170	156	8.11	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1693	1720	1753	1722	1.75	cps
Antimony	121-1	35296	36468	35904	35889	1.63	cps
Arsenic	75-2	380	467	383	410	11.98	cps
Barium	135-1	40641	42396	41467	41501	2.12	cps
Barium	137-1	71769	72463	71417	71883	0.74	cps
Beryllium	9-1	7689	7584	7531	7601	1.06	cps
Bismuth	209-1	11927763	11910622	11979341	11939242	0.30	cps
Bismuth	209-2	5466224	5547573	5522066	5511954	0.75	cps
Bromine	81-1	4107	4324	3997	4143	4.01	cps
Cadmium	108-1	327	370	373	357	7.30	cps
Cadmium	106-1	8513	8346	8329	8396	1.21	cps
Cadmium	111-1	10378	9974	10230	10194	2.00	cps
Calcium	43-1	31825	31484	31294	31535	0.85	cps
Calcium	44-1	532733	531398	534648	532926	0.31	cps
Carbon	12-1	6816822	6724532	6798800	6780051	0.72	cps
Carbon	12-2	44460	44758	44634	44617	0.33	cps
Chlorine	35-1	170133	169645	167415	169064	0.86	cps
Chlorine	35-2	647	787	720	718	9.76	cps
Chromium	52-2	10240	10124	10524	10296	2.00	cps
Cobalt	59-2	9143	9060	9336	9180	1.55	cps
Copper	63-2	17087	16964	17064	17038	0.38	cps
Dysprosium	156-1	3	10	27	13	90.16	cps
Dysprosium	156-2	13	10	0	8	89.21	cps
Erbium	164-1	80	103	97	93	12.88	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	110	137	93	113	19.29	cps
Gadolinium	160-2	27	33	17	26	32.81	cps
Holmium	165-1	19109048	18600197	18898261	18869169	1.35	cps
Holmium	165-2	7200011	7243161	7326745	7256639	0.89	cps
Indium	115-1	15660500	15423472	15227593	15437189	1.40	cps
Indium	115-2	1687469	1721838	1672260	1693856	1.50	cps
Iron	54-2	9653	10044	9890	9862	1.99	cps
Iron	56-2	172243	172263	172914	172473	0.22	cps
Iron	57-2	4097	4164	4407	4223	3.86	cps
Krypton	83-1	237	253	307	266	13.77	cps
Lead	206-1	14872	14688	15246	14935	1.90	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12870	12940	12880	12897	0.29	cps
Lead	208-1	58816	58559	59263	58879	0.61	cps
Lithium	6-1	9299891	9137682	9178154	9205242	0.92	cps
Magnesium	24-2	155032	154737	154055	154608	0.32	cps
Manganese	55-2	1787	1943	2024	1918	6.28	cps
Molybdenum	94-1	37480	36588	37397	37155	1.33	cps
Molybdenum	95-1	44581	44652	43775	44336	1.10	cps
Molybdenum	96-1	49317	49103	48990	49136	0.34	cps
Molybdenum	97-1	27594	28426	27931	27984	1.50	cps
Molybdenum	98-1	70468	71737	71624	71276	0.99	cps
Neodymium	150-1	7	17	10	11	45.82	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	2930	3217	3017	3055	4.81	cps
Phosphorus	31-2	237	227	283	249	12.15	cps
Potassium	39-2	96795	97778	97412	97328	0.51	cps
Rhodium	103-1	15160082	14782991	14673069	14872048	1.72	cps
Rhodium	103-2	6142732	6108689	6137901	6129774	0.30	cps
Scandium	45-1	11218829	11334741	11185468	11246346	0.70	cps
Scandium	45-2	234368	234026	232668	233688	0.38	cps
Selenium	82-1	1360	1320	1320	1333	1.73	cps
Selenium	77-2	10	27	27	21	45.58	cps
Selenium	78-2	90	100	63	84	22.45	cps
Silicon	28-1	743633	745218	743436	744096	0.13	cps
Silver	107-1	21834	22178	21724	21912	1.08	cps
Silver	109-1	20656	20739	20362	20586	0.96	cps
Sodium	23-2	350301	351614	347612	349842	0.58	cps
Strontium	86-1	6438	6465	6058	6320	3.60	cps
Strontium	88-1	50555	50635	50531	50573	0.11	cps
Sulfur	34-1	822207	818598	820516	820440	0.22	cps
Terbium	159-1	19467270	19182427	19664769	19438155	1.25	cps
Terbium	159-2	7094421	6929271	7086172	7036621	1.32	cps
Thallium	203-1	16410	16547	16951	16636	1.69	cps
Thallium	205-1	40817	41045	40439	40767	0.75	cps
Tin	118-1	72933	74162	71988	73028	1.49	cps
Titanium	47-1	14547	14671	14931	14717	1.33	cps
Uranium	238-1	52066	51347	51895	51769	0.73	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S02 Instrumnet Name : P8
Client Sample ID : S02 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:12:13 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	16763	16960	17564	17096	2.44	cps
Ytterbium	172-1	87	107	87	93	12.37	cps
Ytterbium	172-2	30	43	47	40	22.05	cps
Ytterbium	176-1	1910	1960	1974	1948	1.71	cps
Ytterbium	176-2	460	417	407	428	6.63	cps
Yttrium	89-1	27694785	27198152	27144286	27345741	1.11	cps
Yttrium	89-2	2134364	2127309	2123293	2128322	0.26	cps
Zinc	66-2	3877	3554	3914	3782	5.24	cps
Zirconium	90-1	31506	31729	30797	31344	1.55	cps
Zirconium	91-1	6792	6938	6772	6834	1.33	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	76902	75967	77488	76785	1.00	cps
Antimony	121-1	807781	824975	824898	819218	1.21	cps
Arsenic	75-2	17931	18365	17871	18056	1.49	cps
Barium	135-1	933796	944802	952074	943557	0.98	cps
Barium	137-1	1700084	1692808	1700792	1697894	0.26	cps
Beryllium	9-1	325587	323914	327765	325755	0.59	cps
Bismuth	209-1	11835766	12161966	11970761	11989498	1.37	cps
Bismuth	209-2	5398042	5514635	5447123	5453267	1.07	cps
Bromine	81-1	3914	4184	4117	4072	3.46	cps
Cadmium	108-1	16550	16540	16607	16566	0.22	cps
Cadmium	106-1	30931	31763	31596	31430	1.40	cps
Cadmium	111-1	206016	210430	208335	208260	1.06	cps
Calcium	43-1	279484	284574	284769	282942	1.06	cps
Calcium	44-1	4608063	4661574	4639445	4636360	0.58	cps
Carbon	12-1	6692741	6705147	6561408	6653099	1.20	cps
Carbon	12-2	43835	43504	44149	43830	0.74	cps
Chlorine	35-1	162871	164516	164253	163880	0.54	cps
Chlorine	35-2	647	703	710	687	5.07	cps
Chromium	52-2	199004	200509	199569	199694	0.38	cps
Cobalt	59-2	383697	382332	381978	382669	0.24	cps
Copper	63-2	3090471	3054817	3051463	3065584	0.71	cps
Dysprosium	156-1	40	13	20	24	56.78	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	117	127	100	114	11.77	cps
Erbium	164-2	30	30	40	33	17.32	cps
Gadolinium	160-1	107	127	117	117	8.57	cps
Gadolinium	160-2	40	47	37	41	12.39	cps
Holmium	165-1	19012369	19190135	18718934	18973813	1.25	cps
Holmium	165-2	7191441	7246191	7200843	7212825	0.41	cps
Indium	115-1	15301153	15311431	15203623	15272069	0.39	cps
Indium	115-2	1665123	1692534	1671187	1676281	0.86	cps
Iron	54-2	416819	413441	411730	413997	0.63	cps
Iron	56-2	7660377	7624959	7593015	7626117	0.44	cps
Iron	57-2	189643	188968	187253	188621	0.65	cps
Krypton	83-1	297	277	283	286	3.57	cps
Lead	206-1	3296562	3454928	3273388	3341626	2.96	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2896020	2895300	2841789	2877703	1.08	cps
Lead	208-1	13149489	13281827	13159514	13196943	0.56	cps
Lithium	6-1	8939248	9047798	8934731	8973926	0.71	cps
Magnesium	24-2	1406035	1412346	1393147	1403843	0.70	cps
Manganese	55-2	819890	814643	809044	814526	0.67	cps
Molybdenum	94-1	2943652	2953261	3021521	2972811	1.43	cps
Molybdenum	95-1	4165845	4196403	4248030	4203426	0.99	cps
Molybdenum	96-1	4645531	4652966	4587662	4628720	0.77	cps
Molybdenum	97-1	2634805	2634740	2629880	2633142	0.11	cps
Molybdenum	98-1	6823703	6758403	6859083	6813730	0.75	cps
Neodymium	150-1	67	47	80	64	26.03	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	112762	111287	112187	112079	0.66	cps
Phosphorus	31-2	3867	3821	4297	3995	6.58	cps
Potassium	39-2	397581	403941	401401	400974	0.80	cps
Rhodium	103-1	14638919	14767211	14665422	14690517	0.46	cps
Rhodium	103-2	6122866	6103946	6135153	6120655	0.26	cps
Scandium	45-1	11138606	11168416	11104516	11137179	0.29	cps
Scandium	45-2	227896	234682	231418	231332	1.47	cps
Selenium	82-1	12296	12729	12756	12594	2.05	cps
Selenium	77-2	247	233	263	248	6.07	cps
Selenium	78-2	767	827	793	796	3.78	cps
Silicon	28-1	1333068	1325585	1333664	1330773	0.34	cps
Silver	107-1	1022429	1040561	1049033	1037341	1.31	cps
Silver	109-1	971385	990638	1001329	987784	1.54	cps
Sodium	23-2	2824033	2802814	2839326	2822058	0.65	cps
Strontium	86-1	261062	264339	264933	263444	0.79	cps
Strontium	88-1	2344980	2351538	2393725	2363414	1.12	cps
Sulfur	34-1	899444	903884	916205	906511	0.96	cps
Terbium	159-1	19335883	19369718	19484296	19396632	0.40	cps
Terbium	159-2	7073252	7160590	7048179	7094007	0.83	cps
Thallium	203-1	764074	773910	773243	770409	0.71	cps
Thallium	205-1	1930439	1971279	1914521	1938746	1.51	cps
Tin	118-1	642239	650003	654539	648927	0.96	cps
Titanium	47-1	1339447	1329370	1364097	1344305	1.33	cps
Uranium	238-1	2578460	2541458	2594587	2571502	1.06	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S03 Instrumnet Name : P8
Client Sample ID : S03 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:15:34 DataFile Name : 006CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	155130	154079	154797	154669	0.35	cps
Ytterbium	172-1	93	103	150	116	26.17	cps
Ytterbium	172-2	53	50	43	49	10.42	cps
Ytterbium	176-1	5641	5561	5635	5612	0.79	cps
Ytterbium	176-2	1820	1767	1927	1838	4.43	cps
Yttrium	89-1	27065522	27259007	26710217	27011582	1.03	cps
Yttrium	89-2	2144967	2116402	2117085	2126151	0.77	cps
Zinc	66-2	331249	331555	326534	329779	0.85	cps
Zirconium	90-1	1460893	1451483	1463502	1458626	0.43	cps
Zirconium	91-1	309048	314236	312497	311927	0.85	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	193877	190956	191372	192068	0.82	cps
Antimony	121-1	2169553	2194597	2137857	2167335	1.31	cps
Arsenic	75-2	45433	45530	44804	45256	0.87	cps
Barium	135-1	2511539	2544399	2471544	2509160	1.45	cps
Barium	137-1	4318725	4301247	4219059	4279677	1.24	cps
Beryllium	9-1	806154	806252	809287	807231	0.22	cps
Bismuth	209-1	11877260	11853650	11862171	11864361	0.10	cps
Bismuth	209-2	5447065	5415724	5363961	5408916	0.78	cps
Bromine	81-1	3894	3907	3917	3906	0.30	cps
Cadmium	108-1	40540	41439	41910	41296	1.69	cps
Cadmium	106-1	64584	65692	66466	65580	1.44	cps
Cadmium	111-1	511059	517407	513664	514043	0.62	cps
Calcium	43-1	699980	706962	702906	703283	0.50	cps
Calcium	44-1	11516512	11474933	11481604	11491016	0.19	cps
Carbon	12-1	6874349	6811520	6840031	6841967	0.46	cps
Carbon	12-2	46015	45126	45440	45527	0.99	cps
Chlorine	35-1	163724	165187	164152	164354	0.46	cps
Chlorine	35-2	653	743	703	700	6.44	cps
Chromium	52-2	499047	491595	494763	495135	0.76	cps
Cobalt	59-2	954855	945248	944294	948132	0.62	cps
Copper	63-2	7624644	7489549	7470749	7528314	1.12	cps
Dysprosium	156-1	57	43	40	47	18.90	cps
Dysprosium	156-2	17	17	7	13	43.29	cps
Erbium	164-1	107	110	153	123	21.11	cps
Erbium	164-2	47	47	40	44	8.66	cps
Gadolinium	160-1	127	103	143	124	16.15	cps
Gadolinium	160-2	37	27	63	42	44.88	cps
Holmium	165-1	19262056	19286355	19143761	19230724	0.40	cps
Holmium	165-2	7225447	7350370	7338438	7304752	0.94	cps
Indium	115-1	15820383	15281839	15120666	15407629	2.38	cps
Indium	115-2	1666782	1677667	1641719	1662056	1.11	cps
Iron	54-2	1028540	1036762	1025861	1030388	0.55	cps
Iron	56-2	19166762	19227368	19128350	19174160	0.26	cps
Iron	57-2	468557	467330	469415	468434	0.22	cps
Krypton	83-1	307	327	253	296	12.83	cps
Lead	206-1	8223248	8126124	8332885	8227419	1.26	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7123233	7095846	7175695	7131591	0.57	cps
Lead	208-1	32692933	32655559	32893121	32747204	0.39	cps
Lithium	6-1	9113070	8828403	8946927	8962800	1.60	cps
Magnesium	24-2	3517181	3512300	3482847	3504109	0.53	cps
Manganese	55-2	2116544	2142110	2091866	2116840	1.19	cps
Molybdenum	94-1	7479824	7388772	7400807	7423135	0.67	cps
Molybdenum	95-1	10765388	10459877	10390353	10538539	1.89	cps
Molybdenum	96-1	11520461	11631956	11641710	11598042	0.58	cps
Molybdenum	97-1	6509587	6554995	6668857	6577813	1.25	cps
Molybdenum	98-1	17093170	17121919	17142454	17119181	0.14	cps
Neodymium	150-1	193	177	163	178	8.45	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	282822	280594	280322	281246	0.49	cps
Phosphorus	31-2	9740	9597	9870	9736	1.41	cps
Potassium	39-2	990467	986919	997234	991540	0.53	cps
Rhodium	103-1	14448862	14641091	14839595	14643183	1.33	cps
Rhodium	103-2	5992628	6011513	5953737	5985959	0.49	cps
Scandium	45-1	11289297	10982245	10814854	11028798	2.18	cps
Scandium	45-2	232390	229957	230320	230889	0.57	cps
Selenium	82-1	31379	32198	31877	31818	1.30	cps
Selenium	77-2	573	607	597	592	2.89	cps
Selenium	78-2	1987	2157	2014	2052	4.46	cps
Silicon	28-1	2383960	2353096	2358571	2365209	0.70	cps
Silver	107-1	2773607	2727474	2677264	2726115	1.77	cps
Silver	109-1	2564647	2564938	2555087	2561557	0.22	cps
Sodium	23-2	7058828	6887322	6922784	6956311	1.30	cps
Strontium	86-1	660068	662981	666273	663107	0.47	cps
Strontium	88-1	6053057	5909576	5923227	5961953	1.33	cps
Sulfur	34-1	1013142	1003637	1010874	1009218	0.49	cps
Terbium	159-1	19918388	19606890	19589411	19704896	0.94	cps
Terbium	159-2	7074712	7057285	7074950	7068982	0.14	cps
Thallium	203-1	2014968	1984472	2034057	2011166	1.24	cps
Thallium	205-1	4790188	4721904	4833609	4781900	1.18	cps
Tin	118-1	1683997	1663466	1668204	1671889	0.64	cps
Titanium	47-1	3358030	3375340	3297974	3343782	1.21	cps
Uranium	238-1	6435390	6545257	6403118	6461255	1.15	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S04 Instrumnet Name : P8
Client Sample ID : S04 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:18:35 DataFile Name : 007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	389348	387200	388562	388370	0.28	cps
Ytterbium	172-1	143	110	107	120	16.90	cps
Ytterbium	172-2	33	77	83	64	42.13	cps
Ytterbium	176-1	10878	10524	10808	10737	1.74	cps
Ytterbium	176-2	3917	3897	3967	3927	0.92	cps
Yttrium	89-1	27637518	27440120	27151227	27409622	0.89	cps
Yttrium	89-2	2127871	2124015	2128684	2126857	0.12	cps
Zinc	66-2	831155	826060	821682	826299	0.57	cps
Zirconium	90-1	3648040	3683064	3737210	3689438	1.22	cps
Zirconium	91-1	787803	787470	793271	789515	0.41	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	381059	381194	382460	381571	0.20	cps
Antimony	121-1	4419238	4461247	4466045	4448844	0.58	cps
Arsenic	75-2	90974	90133	90729	90612	0.48	cps
Barium	135-1	4980895	4972792	5003519	4985736	0.32	cps
Barium	137-1	8541745	8519364	8585601	8548903	0.39	cps
Beryllium	9-1	1655284	1622470	1662153	1646635	1.29	cps
Bismuth	209-1	11613407	11899130	12074759	11862432	1.96	cps
Bismuth	209-2	5284012	5325879	5318270	5309387	0.42	cps
Bromine	81-1	4054	3931	4114	4033	2.32	cps
Cadmium	108-1	83011	83980	83517	83503	0.58	cps
Cadmium	106-1	123836	124983	125793	124871	0.79	cps
Cadmium	111-1	1014249	1037527	1028731	1026836	1.14	cps
Calcium	43-1	1448233	1455161	1439301	1447565	0.55	cps
Calcium	44-1	22860559	23504805	22951699	23105688	1.51	cps
Carbon	12-1	7008747	7090515	7073649	7057637	0.61	cps
Carbon	12-2	48192	47553	47747	47831	0.68	cps
Chlorine	35-1	171994	172147	170824	171655	0.42	cps
Chlorine	35-2	710	663	767	713	7.25	cps
Chromium	52-2	984754	982090	987478	984774	0.27	cps
Cobalt	59-2	1949773	1937294	1938637	1941901	0.35	cps
Copper	63-2	15035412	14897120	14874844	14935792	0.58	cps
Dysprosium	156-1	113	103	90	102	11.45	cps
Dysprosium	156-2	23	17	7	16	53.90	cps
Erbium	164-1	147	130	160	146	10.33	cps
Erbium	164-2	53	57	67	59	11.79	cps
Gadolinium	160-1	160	163	183	169	7.47	cps
Gadolinium	160-2	60	27	23	37	55.30	cps
Holmium	165-1	18675645	19078671	19463348	19072555	2.07	cps
Holmium	165-2	7188799	7196428	7298354	7227861	0.85	cps
Indium	115-1	14890826	15070943	15427654	15129808	1.81	cps
Indium	115-2	1643980	1635226	1623831	1634346	0.62	cps
Iron	54-2	2140432	2078215	2092129	2103592	1.55	cps
Iron	56-2	38666761	38402314	37688142	38252406	1.32	cps
Iron	57-2	945072	932857	927664	935198	0.96	cps
Krypton	83-1	233	240	217	230	5.22	cps
Lead	206-1	16632424	16721463	16874753	16742880	0.73	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	14199802	14359754	14482513	14347356	0.99	cps
Lead	208-1	65906237	66069131	66833915	66269761	0.75	cps
Lithium	6-1	8844325	8711131	8839599	8798352	0.86	cps
Magnesium	24-2	6893702	6830540	6961069	6895104	0.95	cps
Manganese	55-2	4170857	4156464	4156385	4161235	0.20	cps
Molybdenum	94-1	15007301	14845417	15143077	14998598	0.99	cps
Molybdenum	95-1	21112342	21261318	21272688	21215449	0.42	cps
Molybdenum	96-1	23177749	23352015	23149916	23226560	0.47	cps
Molybdenum	97-1	13119514	13235765	13117499	13157593	0.51	cps
Molybdenum	98-1	34436208	34190959	34126944	34251371	0.48	cps
Neodymium	150-1	293	317	277	296	6.80	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	555487	554863	554589	554980	0.08	cps
Phosphorus	31-2	19850	19353	20164	19789	2.07	cps
Potassium	39-2	2049243	1999633	1989388	2012755	1.59	cps
Rhodium	103-1	14035049	14335741	14421507	14264099	1.42	cps
Rhodium	103-2	5915791	5877862	5838446	5877366	0.66	cps
Scandium	45-1	10778364	10913377	10980519	10890753	0.95	cps
Scandium	45-2	229693	226490	229506	228563	0.79	cps
Selenium	82-1	64147	64452	64344	64314	0.24	cps
Selenium	77-2	1197	1257	1243	1232	2.56	cps
Selenium	78-2	4141	4044	4114	4100	1.22	cps
Silicon	28-1	4019170	4097336	4077675	4064727	1.00	cps
Silver	107-1	5405798	5395142	5456702	5419214	0.61	cps
Silver	109-1	5094150	5090509	5127782	5104147	0.40	cps
Sodium	23-2	13899727	13566310	13840921	13768986	1.29	cps
Strontium	86-1	1337419	1332866	1340730	1337005	0.30	cps
Strontium	88-1	11764634	11889991	11706445	11787023	0.80	cps
Sulfur	34-1	1215129	1207730	1198612	1207157	0.69	cps
Terbium	159-1	19326943	19237876	19995523	19520114	2.12	cps
Terbium	159-2	6959400	7011956	7027230	6999528	0.51	cps
Thallium	203-1	4090005	4092546	4134062	4105538	0.60	cps
Thallium	205-1	9663443	9821273	9728497	9737738	0.81	cps
Tin	118-1	3352786	3314541	3395184	3354170	1.20	cps
Titanium	47-1	6570723	6797782	6685795	6684766	1.70	cps
Uranium	238-1	13089032	13126832	13214494	13143453	0.49	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S05 Instrumnet Name : P8
Client Sample ID : S05 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:21:31 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	775431	775648	776082	775720	0.04	cps
Ytterbium	172-1	177	137	193	169	17.24	cps
Ytterbium	172-2	43	70	57	57	23.53	cps
Ytterbium	176-1	20483	20115	20433	20344	0.98	cps
Ytterbium	176-2	7349	7732	7562	7548	2.55	cps
Yttrium	89-1	26733145	26821661	27182710	26912505	0.88	cps
Yttrium	89-2	2066380	2042858	2106914	2072050	1.56	cps
Zinc	66-2	1730467	1685408	1683784	1699887	1.56	cps
Zirconium	90-1	7359632	7312209	7438462	7370101	0.87	cps
Zirconium	91-1	1625969	1656503	1659039	1647171	1.12	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	727753	723308	725074	725378	0.31	cps
Antimony	121-1	8031599	8154392	8195334	8127108	1.05	cps
Arsenic	75-2	172471	172846	175407	173575	0.92	cps
Barium	135-1	9502127	9612055	9662770	9592318	0.86	cps
Barium	137-1	16615159	16896466	16638979	16716868	0.93	cps
Beryllium	9-1	3023153	3083444	3091009	3065869	1.21	cps
Bismuth	209-1	11582195	11429356	11505717	11505756	0.66	cps
Bismuth	209-2	5049446	4948859	5090762	5029689	1.45	cps
Bromine	81-1	4087	3587	3707	3794	6.88	cps
Cadmium	108-1	157731	157316	157327	157458	0.15	cps
Cadmium	106-1	229136	231388	231141	230555	0.54	cps
Cadmium	111-1	2007686	1990481	2025456	2007874	0.87	cps
Calcium	43-1	2691881	2789869	2728031	2736594	1.81	cps
Calcium	44-1	44298696	44449201	43872994	44206964	0.68	cps
Carbon	12-1	7033492	7243901	7325016	7200803	2.09	cps
Carbon	12-2	50159	48988	49995	49714	1.28	cps
Chlorine	35-1	174383	175438	175995	175272	0.47	cps
Chlorine	35-2	733	703	743	727	2.86	cps
Chromium	52-2	1986624	1933539	1951569	1957244	1.38	cps
Cobalt	59-2	3680440	3661378	3637459	3659759	0.59	cps
Copper	63-2	28212889	28561340	28385672	28386633	0.61	cps
Dysprosium	156-1	193	193	210	199	4.84	cps
Dysprosium	156-2	20	37	33	30	29.40	cps
Erbium	164-1	207	203	173	194	9.44	cps
Erbium	164-2	73	50	40	54	31.42	cps
Gadolinium	160-1	190	213	163	189	13.24	cps
Gadolinium	160-2	53	83	57	64	25.51	cps
Holmium	165-1	18901695	18493068	18928987	18774584	1.30	cps
Holmium	165-2	7031421	6963298	6941002	6978574	0.67	cps
Indium	115-1	14877403	14449438	14617891	14648244	1.47	cps
Indium	115-2	1575008	1512139	1534004	1540384	2.07	cps
Iron	54-2	3962709	4012106	4064910	4013242	1.27	cps
Iron	56-2	73048947	72054507	71817714	72307056	0.90	cps
Iron	57-2	1853118	1887142	1861979	1867413	0.95	cps
Krypton	83-1	290	377	263	310	19.11	cps
Lead	206-1	32053124	32019266	31903926	31992105	0.24	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27491291	27347154	27891644	27576696	1.02	cps
Lead	208-1	126317807	126507011	127477116	126767311	0.49	cps
Lithium	6-1	8725884	8452820	8433873	8537526	1.91	cps
Magnesium	24-2	13265646	13040299	13123584	13143177	0.87	cps
Manganese	55-2	7926696	7778140	7824667	7843168	0.97	cps
Molybdenum	94-1	28696967	29070750	28841675	28869797	0.65	cps
Molybdenum	95-1	40650788	41437959	41113407	41067385	0.96	cps
Molybdenum	96-1	45015996	45173254	44873923	45021058	0.33	cps
Molybdenum	97-1	25328836	25329551	25289345	25315911	0.09	cps
Molybdenum	98-1	65634089	66393877	66560194	66196053	0.75	cps
Neodymium	150-1	543	550	550	548	0.70	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	964537	973448	960700	966228	0.68	cps
Phosphorus	31-2	36255	36439	36061	36252	0.52	cps
Potassium	39-2	3730959	3738105	3724100	3731055	0.19	cps
Rhodium	103-1	13921268	13730898	13655629	13769265	0.99	cps
Rhodium	103-2	5654421	5534422	5562181	5583675	1.13	cps
Scandium	45-1	11063815	10568811	10661791	10764806	2.44	cps
Scandium	45-2	218499	212627	214273	215133	1.41	cps
Selenium	82-1	119933	121178	122290	121134	0.97	cps
Selenium	77-2	2310	2450	2324	2361	3.27	cps
Selenium	78-2	7559	7695	7846	7700	1.86	cps
Silicon	28-1	7081938	7092899	7210499	7128446	1.00	cps
Silver	107-1	10097623	10380950	10264373	10247648	1.39	cps
Silver	109-1	9469597	9709371	9664031	9614333	1.32	cps
Sodium	23-2	26735208	25808874	26123570	26222551	1.80	cps
Strontium	86-1	2639480	2710345	2686230	2678685	1.35	cps
Strontium	88-1	22863448	23146054	22889815	22966439	0.68	cps
Sulfur	34-1	1542131	1516409	1537580	1532040	0.90	cps
Terbium	159-1	19476427	19247160	19390062	19371216	0.60	cps
Terbium	159-2	6821970	6712442	6649922	6728111	1.29	cps
Thallium	203-1	7878319	7714251	7874703	7822425	1.20	cps
Thallium	205-1	18604544	18508286	18488872	18533901	0.33	cps
Tin	118-1	6343602	6494097	6598557	6478752	1.98	cps
Titanium	47-1	12756625	13049561	12834451	12880212	1.18	cps
Uranium	238-1	24700718	25665374	25619500	25328531	2.15	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S06 Instrumnet Name : P8
Client Sample ID : S06 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:24:18 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1555910	1543795	1525819	1541841	0.98	cps
Ytterbium	172-1	183	143	257	194	29.56	cps
Ytterbium	172-2	90	83	70	81	12.55	cps
Ytterbium	176-1	37901	38262	38122	38095	0.48	cps
Ytterbium	176-2	14672	14592	14411	14558	0.92	cps
Yttrium	89-1	26879671	26689068	26376425	26648388	0.95	cps
Yttrium	89-2	2032356	1973964	1980411	1995577	1.60	cps
Zinc	66-2	3090335	3087282	3021703	3066440	1.26	cps
Zirconium	90-1	14130179	14359657	14324793	14271543	0.87	cps
Zirconium	91-1	3176736	3251431	3240024	3222730	1.25	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1478227	1490745	1475104	1481359	0.56	cps
Antimony	121-1	15907673	16086655	16293804	16096044	1.20	cps
Arsenic	75-2	347031	347402	347645	347359	0.09	cps
Barium	135-1	18865895	19081466	19373907	19107089	1.33	cps
Barium	137-1	32713920	33547877	33287565	33183121	1.29	cps
Beryllium	9-1	5966290	5970200	6002875	5979788	0.34	cps
Bismuth	209-1	11500362	11378110	11343770	11407414	0.72	cps
Bismuth	209-2	5047653	5031844	5011660	5030385	0.36	cps
Bromine	81-1	4027	4074	3944	4015	1.64	cps
Cadmium	108-1	313042	317158	314054	314751	0.68	cps
Cadmium	106-1	445752	450501	455094	450449	1.04	cps
Cadmium	111-1	3934869	3987633	4003151	3975218	0.90	cps
Calcium	43-1	5326185	5392213	5507480	5408626	1.70	cps
Calcium	44-1	87272235	88191302	88996792	88153443	0.98	cps
Carbon	12-1	7888259	8179511	8221453	8096408	2.24	cps
Carbon	12-2	57833	58128	57639	57867	0.43	cps
Chlorine	35-1	194829	197164	200883	197625	1.54	cps
Chlorine	35-2	923	840	867	877	4.86	cps
Chromium	52-2	3884849	3926358	3794061	3868423	1.75	cps
Cobalt	59-2	7252536	7210068	7259606	7240737	0.37	cps
Copper	63-2	54925471	54897134	55734334	55185646	0.86	cps
Dysprosium	156-1	283	357	347	329	12.09	cps
Dysprosium	156-2	63	43	70	59	23.57	cps
Erbium	164-1	220	263	277	253	11.70	cps
Erbium	164-2	83	103	60	82	26.38	cps
Gadolinium	160-1	237	227	260	241	7.10	cps
Gadolinium	160-2	57	93	83	78	24.37	cps
Holmium	165-1	18892438	18834016	18792289	18839581	0.27	cps
Holmium	165-2	7080777	7083308	7169958	7111348	0.71	cps
Indium	115-1	14536549	14542521	14592191	14557087	0.21	cps
Indium	115-2	1530754	1538144	1503099	1523999	1.21	cps
Iron	54-2	7794851	7808987	7948302	7850713	1.08	cps
Iron	56-2	141539905	142594408	141166445	141766919	0.52	cps
Iron	57-2	3695126	3669716	3573579	3646140	1.76	cps
Krypton	83-1	283	333	267	294	11.78	cps
Lead	206-1	62484467	62949192	63782509	63072056	1.04	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	53857091	54405836	54647956	54303628	0.75	cps
Lead	208-1	249516203	252277136	252779603	251524314	0.70	cps
Lithium	6-1	8490599	8333754	8275242	8366532	1.33	cps
Magnesium	24-2	25617554	26083670	25771685	25824303	0.92	cps
Manganese	55-2	15824795	15678609	15717569	15740325	0.48	cps
Molybdenum	94-1	56493969	57868816	57331447	57231411	1.21	cps
Molybdenum	95-1	81228515	81241000	82365267	81611594	0.80	cps
Molybdenum	96-1	90332749	89159999	90884615	90125788	0.98	cps
Molybdenum	97-1	51047141	50345018	50960299	50784153	0.75	cps
Molybdenum	98-1	132223608	133286628	131936935	132482390	0.54	cps
Neodymium	150-1	1300	1077	1217	1198	9.42	cps
Neodymium	150-2	43	43	43	43	0.00	cps
Nickel	60-2	2020771	2000205	2025026	2015334	0.66	cps
Phosphorus	31-2	71384	72480	71344	71736	0.90	cps
Potassium	39-2	7465606	7562649	7420809	7483021	0.97	cps
Rhodium	103-1	13621097	13356727	13479736	13485853	0.98	cps
Rhodium	103-2	5553290	5558051	5568447	5559929	0.14	cps
Scandium	45-1	10601975	10574972	10654746	10610564	0.38	cps
Scandium	45-2	222625	220469	220681	221259	0.54	cps
Selenium	82-1	238832	240033	243009	240625	0.89	cps
Selenium	77-2	4524	4451	4311	4429	2.45	cps
Selenium	78-2	15348	15652	15582	15528	1.02	cps
Silicon	28-1	13213174	13251026	13020754	13161651	0.94	cps
Silver	107-1	20086364	20145731	20182981	20138359	0.24	cps
Silver	109-1	19026341	18764733	18898842	18896639	0.69	cps
Sodium	23-2	51830029	52090336	51002531	51640965	1.10	cps
Strontium	86-1	5219753	5362695	5245694	5276047	1.44	cps
Strontium	88-1	45755314	45963693	45604576	45774528	0.39	cps
Sulfur	34-1	2219528	2247102	2216188	2227606	0.76	cps
Terbium	159-1	19255737	18936896	19373706	19188780	1.18	cps
Terbium	159-2	6799196	6883486	6790911	6824531	0.75	cps
Thallium	203-1	15399515	15463684	15541301	15468167	0.46	cps
Thallium	205-1	36949323	36725365	37178799	36951163	0.61	cps
Tin	118-1	12716397	12825915	12882971	12808428	0.66	cps
Titanium	47-1	25815693	25659760	25777973	25751142	0.32	cps
Uranium	238-1	51111966	52042983	51006356	51387101	1.11	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S07 Instrumnet Name : P8
Client Sample ID : S07 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:27:05 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3062741	3048036	3090576	3067118	0.70	cps
Ytterbium	172-1	203	310	267	260	20.63	cps
Ytterbium	172-2	127	87	87	100	23.09	cps
Ytterbium	176-1	74244	75390	74371	74668	0.84	cps
Ytterbium	176-2	27936	28802	28180	28306	1.58	cps
Yttrium	89-1	26853554	26529204	25938540	26440433	1.75	cps
Yttrium	89-2	2030607	2037754	2006209	2024857	0.82	cps
Zinc	66-2	5980741	5995489	5979827	5985352	0.15	cps
Zirconium	90-1	27928636	28703199	28526435	28386090	1.43	cps
Zirconium	91-1	6270988	6313724	6395916	6326876	1.00	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7111375	7184102	7096579	7130685	0.66	cps
Antimony	121-1	6535	6168	6161	6288	3.40	cps
Arsenic	75-2	243	223	210	226	7.44	cps
Barium	135-1	7282	6648	6952	6961	4.55	cps
Barium	137-1	12633	12566	12102	12434	2.32	cps
Beryllium	9-1	2267	1861	1941	2023	10.64	cps
Bismuth	209-1	9670068	9786847	9792358	9749757	0.71	cps
Bismuth	209-2	4450812	4524946	4476082	4483946	0.84	cps
Bromine	81-1	4034	4011	4047	4031	0.46	cps
Cadmium	108-1	183	230	187	200	13.02	cps
Cadmium	106-1	7129	7132	7325	7195	1.57	cps
Cadmium	111-1	5595	5558	5644	5599	0.77	cps
Calcium	43-1	25593620	25477560	25558408	25543196	0.23	cps
Calcium	44-1	419534207	422284234	417417994	419745478	0.58	cps
Carbon	12-1	6960702	6987123	7061879	7003235	0.75	cps
Carbon	12-2	62987	61150	61471	61869	1.59	cps
Chlorine	35-1	157330	155906	155033	156090	0.74	cps
Chlorine	35-2	723	657	693	691	4.83	cps
Chromium	52-2	9430	9707	9256	9464	2.40	cps
Cobalt	59-2	15545	14908	15121	15192	2.14	cps
Copper	63-2	11111	11418	11501	11344	1.81	cps
Dysprosium	156-1	683	597	490	590	16.41	cps
Dysprosium	156-2	210	230	203	214	6.47	cps
Erbium	164-1	737	740	743	740	0.45	cps
Erbium	164-2	267	270	247	261	4.83	cps
Gadolinium	160-1	643	683	643	657	3.52	cps
Gadolinium	160-2	323	250	287	287	12.79	cps
Holmium	165-1	17356685	17234881	17063709	17218425	0.85	cps
Holmium	165-2	6709295	6650980	6710052	6690109	0.51	cps
Indium	115-1	12978444	12888503	12686119	12851022	1.17	cps
Indium	115-2	1400862	1404760	1406715	1404112	0.21	cps
Iron	54-2	37101010	36692526	37519987	37104508	1.12	cps
Iron	56-2	676287577	676177683	685610176	679358479	0.80	cps
Iron	57-2	16953199	17027901	17233096	17071399	0.85	cps
Krypton	83-1	313	263	380	319	18.35	cps
Lead	206-1	15286	14758	14966	15003	1.77	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	12940	13067	12543	12850	2.13	cps
Lead	208-1	59474	59497	58332	59101	1.13	cps
Lithium	6-1	7415734	7469342	7465492	7450189	0.40	cps
Magnesium	24-2	122631098	123869295	124557435	123685943	0.79	cps
Manganese	55-2	6965	6605	6998	6856	3.18	cps
Molybdenum	94-1	24989	24465	23483	24312	3.14	cps
Molybdenum	95-1	12559	11435	11755	11916	4.86	cps
Molybdenum	96-1	16697	16033	15385	16038	4.09	cps
Molybdenum	97-1	7319	6969	6502	6930	5.92	cps
Molybdenum	98-1	18599	17231	16807	17546	5.34	cps
Neodymium	150-1	300	350	313	321	8.06	cps
Neodymium	150-2	77	73	73	74	2.59	cps
Nickel	60-2	6538	6465	6535	6513	0.64	cps
Phosphorus	31-2	123	83	127	111	21.71	cps
Potassium	39-2	36181777	36639506	36616581	36479288	0.71	cps
Rhodium	103-1	11579544	11707732	11582169	11623149	0.63	cps
Rhodium	103-2	4949688	4934688	5011806	4965394	0.82	cps
Scandium	45-1	9718644	9545877	9626464	9630329	0.90	cps
Scandium	45-2	203232	206688	207131	205683	1.04	cps
Selenium	82-1	23	87	-27	28	204.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	3	10	7	7	50.03	cps
Silicon	28-1	822249	809841	800870	810987	1.32	cps
Silver	107-1	2950	2437	2337	2575	12.78	cps
Silver	109-1	2637	2364	2194	2398	9.33	cps
Sodium	23-2	250896916	249190010	246315976	248800967	0.93	cps
Strontium	86-1	16573	16637	16597	16602	0.19	cps
Strontium	88-1	140324	139455	141037	140272	0.56	cps
Sulfur	34-1	686851	659894	649243	665329	2.91	cps
Terbium	159-1	17581348	17539916	17802801	17641355	0.80	cps
Terbium	159-2	6430702	6499098	6437983	6455928	0.58	cps
Thallium	203-1	1753	1540	1347	1547	13.15	cps
Thallium	205-1	4354	3754	3227	3778	14.93	cps
Tin	118-1	4324	4354	4267	4315	1.02	cps
Titanium	47-1	3677	3190	3277	3382	7.68	cps
Uranium	238-1	3597	2794	2604	2998	17.59	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : S08 Instrumnet Name : P8
Client Sample ID : S08 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:29:51 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	833	760	870	821	6.82	cps
Ytterbium	172-1	877	913	857	882	3.26	cps
Ytterbium	172-2	390	337	397	374	8.78	cps
Ytterbium	176-1	2250	2324	2200	2258	2.75	cps
Ytterbium	176-2	593	537	617	582	7.07	cps
Yttrium	89-1	23700940	23951312	23989650	23880634	0.66	cps
Yttrium	89-2	1953666	1953088	1946351	1951035	0.21	cps
Zinc	66-2	3050	2960	2820	2944	3.94	cps
Zirconium	90-1	47280	48367	47544	47730	1.19	cps
Zirconium	91-1	10841	10868	10517	10742	1.82	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	37776	38715	38123	38205	1.24	cps
Antimony	121-1	3518285	3467284	3521626	3502398	0.87	cps
Arsenic	75-2	75836	77418	77076	76777	1.08	cps
Barium	135-1	405474	406290	401357	404374	0.65	cps
Barium	137-1	701931	706011	709513	705818	0.54	cps
Beryllium	9-1	672299	672747	673484	672844	0.09	cps
Bismuth	209-1	12260999	12187452	12112890	12187113	0.61	cps
Bismuth	209-2	5504484	5500817	5457768	5487690	0.47	cps
Bromine	81-1	4211	4231	4137	4193	1.17	cps
Cadmium	108-1	43258	44355	44191	43934	1.35	cps
Cadmium	106-1	46378	46150	46782	46437	0.69	cps
Cadmium	111-1	440808	442064	443830	442234	0.34	cps
Calcium	43-1	130643	128948	129725	129772	0.65	cps
Calcium	44-1	2129571	2100672	2095750	2108664	0.87	cps
Carbon	12-1	7186018	7288253	7328436	7267569	1.01	cps
Carbon	12-2	48730	48095	48871	48565	0.85	cps
Chlorine	35-1	150769	149789	150556	150371	0.34	cps
Chlorine	35-2	653	577	560	597	8.34	cps
Chromium	52-2	417991	422083	415826	418634	0.76	cps
Cobalt	59-2	808641	804438	810610	807896	0.39	cps
Copper	63-2	622710	627512	632385	627536	0.77	cps
Dysprosium	156-1	20	27	37	28	30.20	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	97	103	107	102	4.98	cps
Erbium	164-2	40	30	47	39	21.57	cps
Gadolinium	160-1	107	103	160	123	25.78	cps
Gadolinium	160-2	40	23	40	34	27.94	cps
Holmium	165-1	19530936	19363658	19143007	19345867	1.01	cps
Holmium	165-2	7188134	7339491	7366385	7298003	1.32	cps
Indium	115-1	15624360	15686694	15715668	15675574	0.30	cps
Indium	115-2	1702786	1716664	1700336	1706595	0.52	cps
Iron	54-2	349193	351250	348744	349729	0.38	cps
Iron	56-2	6352436	6166124	6346127	6288229	1.68	cps
Iron	57-2	154861	154558	154025	154481	0.27	cps
Krypton	83-1	213	307	270	263	17.86	cps
Lead	206-1	2841099	2834233	2884812	2853381	0.96	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2335929	2384811	2416769	2379170	1.71	cps
Lead	208-1	10989917	11171804	11206645	11122789	1.05	cps
Lithium	6-1	8999658	9082072	8941669	9007800	0.78	cps
Magnesium	24-2	321983	316866	318943	319264	0.81	cps
Manganese	55-2	167591	169085	168484	168387	0.45	cps
Molybdenum	94-1	24116314	23936361	24021429	24024701	0.37	cps
Molybdenum	95-1	41769889	42166579	42148059	42028176	0.53	cps
Molybdenum	96-1	45411478	45789256	45276844	45492526	0.58	cps
Molybdenum	97-1	26225311	26318973	25768501	26104262	1.13	cps
Molybdenum	98-1	67391746	67809506	66708071	67303107	0.83	cps
Neodymium	150-1	57	47	47	50	11.55	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	221512	223962	223088	222854	0.56	cps
Phosphorus	31-2	120	83	123	109	20.39	cps
Potassium	39-2	326235	322972	326399	325202	0.59	cps
Rhodium	103-1	15220405	15005582	14927342	15051110	1.01	cps
Rhodium	103-2	6230946	6161092	6206494	6199511	0.57	cps
Scandium	45-1	11326349	11104782	11113400	11181510	1.12	cps
Scandium	45-2	233074	231200	229525	231266	0.77	cps
Selenium	82-1	53894	54071	54125	54030	0.22	cps
Selenium	77-2	1080	1060	953	1031	6.60	cps
Selenium	78-2	3340	3374	3340	3352	0.57	cps
Silicon	28-1	655127	656254	656934	656105	0.14	cps
Silver	107-1	1025986	1045902	1046230	1039373	1.12	cps
Silver	109-1	979417	990222	1006004	991881	1.35	cps
Sodium	23-2	1193289	1210260	1170958	1191502	1.65	cps
Strontium	86-1	2845266	2867487	2825536	2846096	0.74	cps
Strontium	88-1	24657236	24491727	24253579	24467514	0.83	cps
Sulfur	34-1	768003	752962	749669	756878	1.29	cps
Terbium	159-1	19909884	19742394	20022287	19891522	0.71	cps
Terbium	159-2	7103819	7122615	6974327	7066920	1.14	cps
Thallium	203-1	3452613	3388893	3502142	3447882	1.65	cps
Thallium	205-1	8102989	7960762	8073069	8045607	0.93	cps
Tin	118-1	2700	3214	2754	2889	9.78	cps
Titanium	47-1	1450	1587	1547	1528	4.60	cps
Uranium	238-1	797	677	753	742	8.19	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICV001 Instrumnet Name : P8
Client Sample ID : ICV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:45:45 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	322419	322308	315334	320020	1.27	cps
Ytterbium	172-1	130	167	90	129	29.75	cps
Ytterbium	172-2	43	47	67	52	24.17	cps
Ytterbium	176-1	1840	1890	1877	1869	1.39	cps
Ytterbium	176-2	450	447	327	408	17.23	cps
Yttrium	89-1	28261925	27976193	27451385	27896501	1.47	cps
Yttrium	89-2	2120940	2135279	2158834	2138351	0.89	cps
Zinc	66-2	127644	129737	130955	129445	1.29	cps
Zirconium	90-1	1533	1513	1370	1472	6.05	cps
Zirconium	91-1	840	953	957	917	7.25	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	97	130	107	111	15.39	cps
Antimony	121-1	503	570	583	552	7.76	cps
Arsenic	75-2	27	0	0	9	173.21	cps
Barium	135-1	117	80	103	100	18.56	cps
Barium	137-1	137	160	153	150	8.01	cps
Beryllium	9-1	729	672	691	697	4.11	cps
Bismuth	209-1	12225291	12255663	12075051	12185335	0.79	cps
Bismuth	209-2	5476060	5427511	5413200	5438924	0.61	cps
Bromine	81-1	4004	4131	3941	4025	2.40	cps
Cadmium	108-1	7	13	27	16	65.47	cps
Cadmium	106-1	7172	7789	7582	7514	4.18	cps
Cadmium	111-1	5069	5493	5329	5297	4.04	cps
Calcium	43-1	617	690	670	659	5.75	cps
Calcium	44-1	34565	33810	34147	34174	1.11	cps
Carbon	12-1	6207591	6351346	6336719	6298552	1.26	cps
Carbon	12-2	41328	41485	41047	41287	0.54	cps
Chlorine	35-1	154912	154110	152079	153700	0.95	cps
Chlorine	35-2	663	557	637	619	8.97	cps
Chromium	52-2	1037	1023	1110	1057	4.42	cps
Cobalt	59-2	120	110	93	108	12.50	cps
Copper	63-2	5474	5551	5458	5494	0.91	cps
Dysprosium	156-1	17	20	23	20	16.65	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	113	93	113	107	10.82	cps
Erbium	164-2	37	43	33	38	13.48	cps
Gadolinium	160-1	127	120	147	131	10.59	cps
Gadolinium	160-2	37	27	27	30	19.24	cps
Holmium	165-1	18733260	19044602	19011323	18929728	0.90	cps
Holmium	165-2	7170051	7161997	7190591	7174213	0.21	cps
Indium	115-1	15217671	15425472	15360911	15334685	0.69	cps
Indium	115-2	1743046	1711268	1689515	1714610	1.57	cps
Iron	54-2	533	557	463	518	9.38	cps
Iron	56-2	7465	7789	7632	7629	2.12	cps
Iron	57-2	143	187	253	194	28.50	cps
Krypton	83-1	250	257	300	269	10.10	cps
Lead	206-1	3080	3030	3074	3062	0.89	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2677	2754	2687	2706	1.54	cps
Lead	208-1	12409	12459	12453	12440	0.22	cps
Lithium	6-1	9079892	8821882	8887853	8929876	1.50	cps
Magnesium	24-2	1743	1740	1683	1722	1.96	cps
Manganese	55-2	123	163	110	132	20.99	cps
Molybdenum	94-1	937	967	770	891	11.89	cps
Molybdenum	95-1	1203	990	1113	1102	9.72	cps
Molybdenum	96-1	1250	1147	1160	1186	4.74	cps
Molybdenum	97-1	663	480	567	570	16.09	cps
Molybdenum	98-1	2194	1363	1357	1638	29.40	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	623	543	677	614	10.92	cps
Phosphorus	31-2	103	103	90	99	7.79	cps
Potassium	39-2	14531	14057	14317	14302	1.66	cps
Rhodium	103-1	14889942	14769158	14860694	14839931	0.42	cps
Rhodium	103-2	6260718	6179225	6164575	6201506	0.84	cps
Scandium	45-1	11180402	10980463	10977024	11045963	1.05	cps
Scandium	45-2	229534	228224	227557	228438	0.44	cps
Selenium	82-1	50	0	33	28	91.66	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	3	3	10	6	69.34	cps
Silicon	28-1	635300	633690	631714	633568	0.28	cps
Silver	107-1	480	1205	447	711	60.33	cps
Silver	109-1	333	263	307	301	11.73	cps
Sodium	23-2	66752	65412	66169	66111	1.02	cps
Strontium	86-1	527	513	530	523	1.69	cps
Strontium	88-1	927	717	653	766	18.69	cps
Sulfur	34-1	773469	771754	777701	774308	0.40	cps
Terbium	159-1	19656591	19603336	19566019	19608649	0.23	cps
Terbium	159-2	6981353	6992083	7039201	7004212	0.44	cps
Thallium	203-1	467	507	503	492	4.51	cps
Thallium	205-1	1217	1130	1340	1229	8.59	cps
Tin	118-1	1790	2097	1920	1936	7.95	cps
Titanium	47-1	237	223	270	243	9.88	cps
Uranium	238-1	73	53	47	58	24.02	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICB001 Instrumnet Name : P8
Client Sample ID : ICB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:50:48 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	13	7	11	34.61	cps
Ytterbium	172-1	123	97	97	106	14.59	cps
Ytterbium	172-2	53	47	50	50	6.66	cps
Ytterbium	176-1	1767	1777	1857	1800	2.74	cps
Ytterbium	176-2	363	363	400	376	5.64	cps
Yttrium	89-1	27280254	26947136	26756037	26994476	0.98	cps
Yttrium	89-2	2147389	2107596	2105443	2120143	1.11	cps
Zinc	66-2	363	373	350	362	3.23	cps
Zirconium	90-1	1030	923	943	966	5.87	cps
Zirconium	91-1	190	183	200	191	4.39	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6843237	6948448	6905729	6899138	0.77	cps
Antimony	121-1	17842	18312	18276	18143	1.44	cps
Arsenic	75-2	97	117	130	114	14.66	cps
Barium	135-1	5421	5605	5605	5543	1.91	cps
Barium	137-1	9060	8980	9503	9181	3.07	cps
Beryllium	9-1	2276	2307	2174	2252	3.11	cps
Bismuth	209-1	11879058	11021733	11090550	11330447	4.20	cps
Bismuth	209-2	4978348	5102253	5022008	5034203	1.25	cps
Bromine	81-1	6048	6658	6592	6433	5.20	cps
Cadmium	108-1	5451	5661	5148	5420	4.76	cps
Cadmium	106-1	7105	7055	6985	7049	0.86	cps
Cadmium	111-1	7713	7301	7741	7585	3.25	cps
Calcium	43-1	5378412	5361706	5406531	5382216	0.42	cps
Calcium	44-1	88022309	89877015	89181525	89026950	1.05	cps
Carbon	12-1	50090541	50636151	51367714	50698135	1.26	cps
Carbon	12-2	339754	340986	338907	339882	0.31	cps
Chlorine	35-1	80749075	88225452	90578672	86517733	5.93	cps
Chlorine	35-2	408794	416201	417839	414278	1.16	cps
Chromium	52-2	77036	78447	78112	77865	0.95	cps
Cobalt	59-2	8599	8930	8726	8752	1.90	cps
Copper	63-2	48014	49058	48793	48622	1.12	cps
Dysprosium	156-1	83	60	77	73	16.39	cps
Dysprosium	156-2	17	17	27	20	28.86	cps
Erbium	164-1	157	153	113	141	17.09	cps
Erbium	164-2	63	37	57	52	26.57	cps
Gadolinium	160-1	160	177	180	172	6.22	cps
Gadolinium	160-2	33	50	43	42	19.87	cps
Holmium	165-1	20189084	18717061	18417785	19107977	4.96	cps
Holmium	165-2	7198257	7173966	7243697	7205307	0.49	cps
Indium	115-1	15633823	14501014	14264016	14799618	4.95	cps
Indium	115-2	1607442	1541875	1594997	1581438	2.20	cps
Iron	54-2	15903181	16087076	15721601	15903953	1.15	cps
Iron	56-2	292487262	295762822	293071322	293773802	0.59	cps
Iron	57-2	7408903	7490621	7351501	7417008	0.94	cps
Krypton	83-1	357	300	353	337	9.44	cps
Lead	206-1	57323	58933	58866	58374	1.56	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	46072	45874	46128	46025	0.29	cps
Lead	208-1	216379	220445	219714	218846	0.99	cps
Lithium	6-1	8872078	8404043	8419527	8565216	3.10	cps
Magnesium	24-2	25021015	24894079	24741353	24885482	0.56	cps
Manganese	55-2	12149	12079	12272	12166	0.80	cps
Molybdenum	94-1	9174313	9286619	9191637	9217523	0.66	cps
Molybdenum	95-1	15818515	16052164	16179743	16016807	1.14	cps
Molybdenum	96-1	17381691	17270921	17613465	17422026	1.00	cps
Molybdenum	97-1	9967864	9903506	10202217	10024529	1.57	cps
Molybdenum	98-1	25783171	25997577	26014614	25931787	0.50	cps
Neodymium	150-1	70	63	83	72	14.10	cps
Neodymium	150-2	23	27	30	27	12.51	cps
Nickel	60-2	10858	11191	11104	11051	1.57	cps
Phosphorus	31-2	367059	369390	370007	368819	0.42	cps
Potassium	39-2	15123599	15094781	14937076	15051819	0.67	cps
Rhodium	103-1	14514433	13480883	13595620	13863645	4.09	cps
Rhodium	103-2	5656382	5676510	5696778	5676556	0.36	cps
Scandium	45-1	11529725	10834741	10868340	11077602	3.54	cps
Scandium	45-2	224811	224459	225662	224977	0.28	cps
Selenium	82-1	-47	-7	-40	-31	-68.87	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	10	17	3	10	66.70	cps
Silicon	28-1	1002048	997189	1007493	1002244	0.51	cps
Silver	107-1	1613	1680	1500	1598	5.70	cps
Silver	109-1	1397	1407	1447	1417	1.87	cps
Sodium	23-2	52598971	52940779	52489279	52676343	0.45	cps
Strontium	86-1	172152	176849	178047	175683	1.77	cps
Strontium	88-1	1546483	1589159	1601999	1579214	1.84	cps
Sulfur	34-1	7891038	7792484	7742715	7808746	0.97	cps
Terbium	159-1	20698465	19488666	19399600	19862244	3.65	cps
Terbium	159-2	6937593	6994948	6797645	6910062	1.47	cps
Thallium	203-1	1277	1427	1817	1507	18.50	cps
Thallium	205-1	3167	3631	3901	3566	10.40	cps
Tin	118-1	4771	5118	4901	4930	3.55	cps
Titanium	47-1	5273171	5352924	5439030	5355042	1.55	cps
Uranium	238-1	787	823	843	818	3.51	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSA001 Instrumnet Name : P8
Client Sample ID : ICSA001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:54:42 DataFile Name : 014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	517	473	493	494	4.39	cps
Ytterbium	172-1	157	123	113	131	17.30	cps
Ytterbium	172-2	63	67	67	66	2.94	cps
Ytterbium	176-1	1860	1687	1737	1761	5.07	cps
Ytterbium	176-2	300	320	337	319	5.76	cps
Yttrium	89-1	28535014	26965623	26990590	27497075	3.27	cps
Yttrium	89-2	2097345	2058664	2068411	2074807	0.97	cps
Zinc	66-2	7315	7018	7068	7134	2.23	cps
Zirconium	90-1	1733	1733	1690	1719	1.46	cps
Zirconium	91-1	327	323	370	340	7.66	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7193168	7099874	7075542	7122862	0.87	cps
Antimony	121-1	345364	349681	353169	349405	1.12	cps
Arsenic	75-2	7992	8119	7602	7905	3.41	cps
Barium	135-1	82851	83693	84622	83722	1.06	cps
Barium	137-1	143399	147046	146527	145658	1.35	cps
Beryllium	9-1	128012	129996	128444	128817	0.81	cps
Bismuth	209-1	11176586	10940487	11183837	11100303	1.25	cps
Bismuth	209-2	5066891	5112523	5029558	5069657	0.82	cps
Bromine	81-1	5715	6255	6328	6099	5.49	cps
Cadmium	108-1	10841	10564	10594	10666	1.42	cps
Cadmium	106-1	14014	14074	13914	14001	0.58	cps
Cadmium	111-1	85069	85593	86526	85729	0.86	cps
Calcium	43-1	5702841	5789850	5673675	5722122	1.06	cps
Calcium	44-1	93107429	93152752	92955119	93071766	0.11	cps
Carbon	12-1	52774528	54527928	54655228	53985894	1.95	cps
Carbon	12-2	362334	361954	361636	361975	0.10	cps
Chlorine	35-1	93502669	98580719	100008949	97364112	3.51	cps
Chlorine	35-2	451855	451203	455910	452989	0.56	cps
Chromium	52-2	159147	160613	162811	160857	1.15	cps
Cobalt	59-2	160709	161315	161329	161118	0.22	cps
Copper	63-2	166779	167562	166118	166820	0.43	cps
Dysprosium	156-1	70	100	50	73	34.32	cps
Dysprosium	156-2	57	27	33	39	40.51	cps
Erbium	164-1	160	173	183	172	6.80	cps
Erbium	164-2	57	53	57	56	3.47	cps
Gadolinium	160-1	137	167	170	158	11.63	cps
Gadolinium	160-2	47	50	57	51	9.96	cps
Holmium	165-1	18796972	19030827	19155313	18994371	0.96	cps
Holmium	165-2	7260506	7221328	7297098	7259644	0.52	cps
Indium	115-1	14812455	14655522	14723732	14730570	0.53	cps
Indium	115-2	1653435	1633711	1629502	1638883	0.78	cps
Iron	54-2	16687413	16607129	16559618	16618054	0.39	cps
Iron	56-2	307803629	305771895	301844456	305139993	0.99	cps
Iron	57-2	7653686	7577037	7722691	7651138	0.95	cps
Krypton	83-1	277	283	277	279	1.38	cps
Lead	206-1	309943	314306	312931	312393	0.71	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	260468	260371	259344	260061	0.24	cps
Lead	208-1	1199348	1209465	1215397	1208070	0.67	cps
Lithium	6-1	8638275	8293689	8306303	8412755	2.32	cps
Magnesium	24-2	25786905	25181964	25226530	25398466	1.33	cps
Manganese	55-2	45238	44783	45298	45106	0.62	cps
Molybdenum	94-1	9690633	9826086	9727658	9748125	0.72	cps
Molybdenum	95-1	16822254	17045416	16719572	16862414	0.99	cps
Molybdenum	96-1	18121868	18334331	18051926	18169375	0.81	cps
Molybdenum	97-1	10542876	10481167	10484970	10503004	0.33	cps
Molybdenum	98-1	27131755	27119481	27275070	27175436	0.32	cps
Neodymium	150-1	130	57	100	96	38.58	cps
Neodymium	150-2	10	23	23	19	40.75	cps
Nickel	60-2	52583	52282	51854	52240	0.70	cps
Phosphorus	31-2	384053	382721	383575	383450	0.18	cps
Potassium	39-2	15887542	15469901	15600244	15652563	1.37	cps
Rhodium	103-1	13908495	13464495	13756532	13709841	1.65	cps
Rhodium	103-2	5765074	5739275	5733814	5746054	0.29	cps
Scandium	45-1	11068882	10910051	11003241	10994058	0.73	cps
Scandium	45-2	228726	227205	231255	229062	0.89	cps
Selenium	82-1	5071	5268	5078	5139	2.17	cps
Selenium	77-2	77	127	90	98	26.48	cps
Selenium	78-2	377	267	337	327	17.05	cps
Silicon	28-1	1021497	1030312	1027209	1026339	0.44	cps
Silver	107-1	380417	388037	389975	386143	1.31	cps
Silver	109-1	365615	372483	368581	368893	0.93	cps
Sodium	23-2	54787568	54438874	54287316	54504586	0.47	cps
Strontium	86-1	181597	185405	185036	184013	1.14	cps
Strontium	88-1	1619604	1675915	1651182	1648900	1.71	cps
Sulfur	34-1	8250877	8192721	8132155	8191918	0.72	cps
Terbium	159-1	19489428	19315901	19373018	19392782	0.46	cps
Terbium	159-2	6969874	6934673	7008196	6970914	0.53	cps
Thallium	203-1	311922	316283	318426	315544	1.05	cps
Thallium	205-1	747800	754012	761881	754564	0.94	cps
Tin	118-1	4211	4007	4461	4226	5.38	cps
Titanium	47-1	5522398	5685325	5582789	5596837	1.47	cps
Uranium	238-1	890	890	870	883	1.31	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : ICSAB001 Instrumnet Name : P8
Client Sample ID : ICSAB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 12:57:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63567	63115	63306	63329	0.36	cps
Ytterbium	172-1	103	140	120	121	15.16	cps
Ytterbium	172-2	40	57	30	42	31.91	cps
Ytterbium	176-1	1703	1707	1720	1710	0.52	cps
Ytterbium	176-2	353	367	383	368	4.09	cps
Yttrium	89-1	27248974	27116162	27602468	27322535	0.92	cps
Yttrium	89-2	2132882	2129712	2106566	2123053	0.68	cps
Zinc	66-2	19610	19974	19874	19820	0.95	cps
Zirconium	90-1	1287	1263	1350	1300	3.45	cps
Zirconium	91-1	307	320	373	333	10.58	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3763862	3711136	3773573	3749524	0.90	cps
Antimony	121-1	7930877	8027619	7966222	7974906	0.61	cps
Arsenic	75-2	178120	177257	174229	176536	1.16	cps
Barium	135-1	9583480	9663649	9459569	9568899	1.07	cps
Barium	137-1	16464958	16378187	16776408	16539851	1.27	cps
Beryllium	9-1	2910114	2999355	3050456	2986641	2.38	cps
Bismuth	209-1	10886758	10542559	10799237	10742851	1.67	cps
Bismuth	209-2	4897807	4826511	4768993	4831103	1.34	cps
Bromine	81-1	5274	5248	5334	5285	0.84	cps
Cadmium	108-1	152810	153039	153036	152962	0.09	cps
Cadmium	106-1	221131	220802	226420	222784	1.42	cps
Cadmium	111-1	1933508	1967062	1938610	1946393	0.93	cps
Calcium	43-1	13250886	13307612	13116804	13225101	0.74	cps
Calcium	44-1	210947197	217653510	214152690	214251132	1.57	cps
Carbon	12-1	7078415	7113476	7270463	7154118	1.43	cps
Carbon	12-2	54611	53942	53841	54131	0.77	cps
Chlorine	35-1	5905612	5580695	5305726	5597344	5.36	cps
Chlorine	35-2	20451	19503	18776	19577	4.29	cps
Chromium	52-2	2004546	2028955	2008053	2013851	0.66	cps
Cobalt	59-2	3663922	3651368	3643175	3652821	0.29	cps
Copper	63-2	27473506	26930190	27527336	27310344	1.21	cps
Dysprosium	156-1	373	450	440	421	9.90	cps
Dysprosium	156-2	77	120	110	102	22.19	cps
Erbium	164-1	467	407	453	442	7.12	cps
Erbium	164-2	143	137	170	150	11.76	cps
Gadolinium	160-1	433	387	403	408	5.80	cps
Gadolinium	160-2	167	187	153	169	9.93	cps
Holmium	165-1	18299857	18358628	18249461	18302649	0.30	cps
Holmium	165-2	7083253	7185012	7069934	7112733	0.89	cps
Indium	115-1	14316458	14153921	14162698	14211026	0.64	cps
Indium	115-2	1555728	1570702	1505658	1544029	2.21	cps
Iron	54-2	19521302	19386534	19658035	19521957	0.70	cps
Iron	56-2	355398848	363850061	358595301	359281404	1.19	cps
Iron	57-2	9006501	9096973	9013904	9039126	0.56	cps
Krypton	83-1	333	343	370	349	5.43	cps
Lead	206-1	30927175	30908899	30896405	30910826	0.05	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	26542556	26686206	26719469	26649410	0.35	cps
Lead	208-1	121630011	122079112	123054077	122254400	0.60	cps
Lithium	6-1	8080961	7940882	8182281	8068041	1.50	cps
Magnesium	24-2	64710474	63381276	63370579	63820776	1.21	cps
Manganese	55-2	8018723	8139063	7984819	8047535	1.01	cps
Molybdenum	94-1	28794053	29553650	29145011	29164238	1.30	cps
Molybdenum	95-1	41397957	41686527	41691787	41592090	0.40	cps
Molybdenum	96-1	45669406	45065314	46122608	45619109	1.16	cps
Molybdenum	97-1	25733332	25471170	25873570	25692691	0.79	cps
Molybdenum	98-1	67318019	67066862	67368079	67250987	0.24	cps
Neodymium	150-1	747	717	847	770	8.84	cps
Neodymium	150-2	53	63	73	63	15.79	cps
Nickel	60-2	944880	935053	949446	943126	0.78	cps
Phosphorus	31-2	37047	37198	37074	37106	0.22	cps
Potassium	39-2	18965852	18787498	18698163	18817171	0.72	cps
Rhodium	103-1	13186325	12768150	12972928	12975801	1.61	cps
Rhodium	103-2	5457585	5470222	5396710	5441505	0.72	cps
Scandium	45-1	10651784	10642451	10362683	10552306	1.56	cps
Scandium	45-2	223363	225411	223590	224121	0.50	cps
Selenium	82-1	117164	117725	118388	117759	0.52	cps
Selenium	77-2	2080	2340	2287	2236	6.14	cps
Selenium	78-2	7652	7999	7889	7847	2.26	cps
Silicon	28-1	6965901	7234358	7123795	7108018	1.90	cps
Silver	107-1	9761820	9711282	9813949	9762350	0.53	cps
Silver	109-1	9074883	9323197	9189399	9195826	1.35	cps
Sodium	23-2	127536931	127759275	125828788	127041665	0.83	cps
Strontium	86-1	2704748	2739242	2680384	2708125	1.09	cps
Strontium	88-1	23099945	22914363	23282475	23098928	0.80	cps
Sulfur	34-1	1460776	1492838	1454105	1469240	1.41	cps
Terbium	159-1	19283933	18802443	18927049	19004475	1.31	cps
Terbium	159-2	6896460	6872883	6751658	6840334	1.14	cps
Thallium	203-1	7643084	7481068	7531692	7551948	1.10	cps
Thallium	205-1	17825105	18120162	18502878	18149382	1.87	cps
Tin	118-1	6451894	6379096	6522706	6451232	1.11	cps
Titanium	47-1	12932408	13017495	13331315	13093739	1.60	cps
Uranium	238-1	25049370	25333704	25399673	25260915	0.74	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV001 Instrumnet Name : P8
Client Sample ID : CCV001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:00:52 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1576781	1585499	1597145	1586475	0.64	cps
Ytterbium	172-1	460	487	447	464	4.39	cps
Ytterbium	172-2	177	257	210	214	18.74	cps
Ytterbium	176-1	37914	38279	38636	38276	0.94	cps
Ytterbium	176-2	14912	13937	15039	14629	4.12	cps
Yttrium	89-1	26431508	26148174	25947996	26175893	0.93	cps
Yttrium	89-2	2093314	2080646	2048069	2074009	1.13	cps
Zinc	66-2	2956796	2972406	2980151	2969784	0.40	cps
Zirconium	90-1	14387992	14791581	14414542	14531372	1.55	cps
Zirconium	91-1	3223980	3285539	3299612	3269710	1.23	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	140	120	123	12.39	cps
Antimony	121-1	663	620	633	639	3.47	cps
Arsenic	75-2	0	0	7	2	173.21	cps
Barium	135-1	73	100	67	80	22.05	cps
Barium	137-1	180	147	93	140	31.23	cps
Beryllium	9-1	910	811	791	837	7.59	cps
Bismuth	209-1	12687735	12449702	12250210	12462549	1.76	cps
Bismuth	209-2	5639684	5667635	5678338	5661886	0.35	cps
Bromine	81-1	4557	4497	4571	4542	0.86	cps
Cadmium	108-1	3	30	17	17	80.01	cps
Cadmium	106-1	7846	7896	7849	7863	0.36	cps
Cadmium	111-1	5576	5553	5526	5552	0.45	cps
Calcium	43-1	463	477	430	457	5.26	cps
Calcium	44-1	32774	31454	32607	32278	2.23	cps
Carbon	12-1	6046317	6033953	5968175	6016149	0.70	cps
Carbon	12-2	39466	39192	39373	39344	0.35	cps
Chlorine	35-1	1711772	1624496	1530929	1622399	5.57	cps
Chlorine	35-2	5631	5765	5878	5758	2.15	cps
Chromium	52-2	973	1070	1053	1032	5.01	cps
Cobalt	59-2	80	83	117	93	21.73	cps
Copper	63-2	4104	3974	3974	4017	1.87	cps
Dysprosium	156-1	17	10	7	11	45.82	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	80	73	77	77	4.35	cps
Erbium	164-2	37	17	30	28	36.66	cps
Gadolinium	160-1	110	123	133	122	9.58	cps
Gadolinium	160-2	27	30	20	26	19.92	cps
Holmium	165-1	20253311	19486379	19470456	19736715	2.27	cps
Holmium	165-2	7559469	7560559	7510926	7543651	0.38	cps
Indium	115-1	16666898	16285347	15879046	16277097	2.42	cps
Indium	115-2	1768221	1766806	1766136	1767054	0.06	cps
Iron	54-2	817	750	703	757	7.53	cps
Iron	56-2	10504	10647	10377	10510	1.29	cps
Iron	57-2	267	293	183	248	23.16	cps
Krypton	83-1	347	317	263	309	13.66	cps
Lead	206-1	3651	3484	3644	3593	2.63	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3167	2990	3074	3077	2.87	cps
Lead	208-1	14703	14047	14006	14252	2.75	cps
Lithium	6-1	9517773	9066234	9080038	9221348	2.78	cps
Magnesium	24-2	1467	1393	1473	1445	3.07	cps
Manganese	55-2	173	140	150	154	11.08	cps
Molybdenum	94-1	680	617	663	653	5.02	cps
Molybdenum	95-1	610	427	403	480	23.58	cps
Molybdenum	96-1	703	563	470	579	20.29	cps
Molybdenum	97-1	393	243	270	302	26.48	cps
Molybdenum	98-1	913	587	677	726	23.26	cps
Neodymium	150-1	30	10	10	17	69.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	567	567	613	582	4.63	cps
Phosphorus	31-2	80	107	113	100	17.64	cps
Potassium	39-2	16733	16406	16510	16550	1.01	cps
Rhodium	103-1	15721478	15366128	15459801	15515802	1.19	cps
Rhodium	103-2	6493436	6475338	6408284	6459019	0.69	cps
Scandium	45-1	11903849	11495228	11193861	11530979	3.09	cps
Scandium	45-2	238698	240262	237524	238828	0.58	cps
Selenium	82-1	-120	67	-10	-21	-444.43	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	10	7	8	24.71	cps
Silicon	28-1	640066	639586	637348	639000	0.23	cps
Silver	107-1	613	530	597	580	7.60	cps
Silver	109-1	510	427	367	434	16.57	cps
Sodium	23-2	77025	74784	74921	75577	1.66	cps
Strontium	86-1	510	497	543	517	4.65	cps
Strontium	88-1	467	463	447	459	2.34	cps
Sulfur	34-1	794236	792681	794624	793847	0.13	cps
Terbium	159-1	20305190	20134037	20267002	20235410	0.44	cps
Terbium	159-2	7314061	7324170	7256596	7298275	0.50	cps
Thallium	203-1	730	827	817	791	6.72	cps
Thallium	205-1	1860	1980	1827	1889	4.27	cps
Tin	118-1	2050	2234	2090	2125	4.54	cps
Titanium	47-1	397	353	303	351	13.30	cps
Uranium	238-1	120	107	97	108	10.86	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB001 Instrumnet Name : P8
Client Sample ID : CCB001 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:07:19 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	17	10	16	32.73	cps
Ytterbium	172-1	107	103	107	106	1.83	cps
Ytterbium	172-2	53	43	43	47	12.37	cps
Ytterbium	176-1	1954	1977	1913	1948	1.64	cps
Ytterbium	176-2	303	400	367	357	13.77	cps
Yttrium	89-1	29107087	28201123	28057046	28455085	2.00	cps
Yttrium	89-2	2217029	2236739	2185684	2213151	1.16	cps
Zinc	66-2	247	333	270	283	15.83	cps
Zirconium	90-1	1117	1090	1243	1150	7.12	cps
Zirconium	91-1	243	240	237	240	1.39	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1119341	1180186	1118715	1139414	3.10	cps
Antimony	121-1	40921	41613	41743	41426	1.07	cps
Arsenic	75-2	16954	16843	16980	16926	0.43	cps
Barium	135-1	2804625	2844943	2850787	2833452	0.89	cps
Barium	137-1	4841018	4860664	4905870	4869184	0.68	cps
Beryllium	9-1	25311	25089	25083	25161	0.52	cps
Bismuth	209-1	12539607	12205765	12164311	12303228	1.67	cps
Bismuth	209-2	5746520	5198740	5597640	5514300	5.14	cps
Bromine	81-1	15822	16844	17421	16696	4.85	cps
Cadmium	108-1	5855	5948	5648	5817	2.64	cps
Cadmium	106-1	17338	16523	16770	16877	2.47	cps
Cadmium	111-1	89867	88483	90235	89528	1.03	cps
Calcium	43-1	9265118	9401100	9248202	9304806	0.90	cps
Calcium	44-1	153245711	149222841	148803728	150424093	1.63	cps
Carbon	12-1	9508055	9770160	9673285	9650500	1.37	cps
Carbon	12-2	62114	62810	62716	62547	0.60	cps
Chlorine	35-1	157461128	168455764	174975137	166964010	5.30	cps
Chlorine	35-2	773257	792771	793048	786359	1.44	cps
Chromium	52-2	256441	257207	256471	256706	0.17	cps
Cobalt	59-2	152716	153376	152638	152910	0.27	cps
Copper	63-2	2426968	2374719	2335850	2379179	1.92	cps
Dysprosium	156-1	152889	153591	153904	153461	0.34	cps
Dysprosium	156-2	53262	53577	52864	53234	0.67	cps
Erbium	164-1	126498	126639	126858	126665	0.14	cps
Erbium	164-2	46732	46508	47371	46870	0.96	cps
Gadolinium	160-1	141157	140006	139628	140264	0.57	cps
Gadolinium	160-2	63222	62978	63004	63068	0.21	cps
Holmium	165-1	20367438	19409315	19927956	19901569	2.41	cps
Holmium	165-2	7815578	7067311	7542309	7475066	5.07	cps
Indium	115-1	16237477	15647403	15728784	15871221	2.01	cps
Indium	115-2	1795348	1607559	1727095	1710001	5.56	cps
Iron	54-2	6265642	6222299	6185042	6224328	0.65	cps
Iron	56-2	114254432	114302042	114113022	114223165	0.09	cps
Iron	57-2	2944492	2931103	2866009	2913868	1.44	cps
Krypton	83-1	537	603	513	551	8.47	cps
Lead	206-1	20749792	20832399	20560482	20714224	0.67	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17305998	17464471	17420646	17397038	0.47	cps
Lead	208-1	81020147	81083323	81086785	81063418	0.05	cps
Lithium	6-1	9256185	9038471	9146113	9146923	1.19	cps
Magnesium	24-2	3287450	3351236	3351567	3330084	1.11	cps
Manganese	55-2	10731987	10632454	10656136	10673526	0.49	cps
Molybdenum	94-1	56832	58097	57190	57373	1.14	cps
Molybdenum	95-1	20672	20652	20262	20529	1.13	cps
Molybdenum	96-1	29157	29324	29632	29371	0.82	cps
Molybdenum	97-1	12462	12753	12636	12617	1.16	cps
Molybdenum	98-1	33206	33721	32642	33190	1.63	cps
Neodymium	150-1	223225	223311	224203	223579	0.24	cps
Neodymium	150-2	59900	60468	59354	59907	0.93	cps
Nickel	60-2	157178	155968	154772	155973	0.77	cps
Phosphorus	31-2	11491	11908	11728	11709	1.79	cps
Potassium	39-2	984279	991959	981386	985875	0.55	cps
Rhodium	103-1	15174507	14749571	14600963	14841680	2.01	cps
Rhodium	103-2	6381820	5856351	6207580	6148584	4.35	cps
Scandium	45-1	11878937	11676332	11552659	11702643	1.41	cps
Scandium	45-2	251275	223250	243418	239314	6.04	cps
Selenium	82-1	3177	3187	3130	3165	0.96	cps
Selenium	77-2	337	383	357	359	6.52	cps
Selenium	78-2	393	340	390	374	7.98	cps
Silicon	28-1	135965361	138646201	139101525	137904362	1.23	cps
Silver	107-1	164566	163587	165611	164588	0.61	cps
Silver	109-1	155621	156275	154087	155328	0.72	cps
Sodium	23-2	396650	401176	397744	398523	0.59	cps
Strontium	86-1	3380532	3321658	3277681	3326624	1.55	cps
Strontium	88-1	29075906	29220288	28416727	28904307	1.48	cps
Sulfur	34-1	885273	888826	886259	886786	0.21	cps
Terbium	159-1	20842165	20102052	20020745	20321654	2.23	cps
Terbium	159-2	7529777	6762680	7259151	7183869	5.42	cps
Thallium	203-1	11529	12102	12289	11973	3.31	cps
Thallium	205-1	27409	28996	29554	28653	3.88	cps
Tin	118-1	190595	189979	190484	190353	0.17	cps
Titanium	47-1	650346	651516	656835	652899	0.53	cps
Uranium	238-1	202500	205314	202750	203521	0.77	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1177-01A Instrumnet Name : P8
Client Sample ID : MH2GW9A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:10:39 DataFile Name : 019AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	216377	220507	219749	218877	1.00	cps
Ytterbium	172-1	38970	39151	38656	38926	0.64	cps
Ytterbium	172-2	17592	17512	17488	17531	0.31	cps
Ytterbium	176-1	26163	26206	26293	26220	0.25	cps
Ytterbium	176-2	11755	11819	11028	11534	3.81	cps
Yttrium	89-1	31634635	30186344	29917500	30579493	3.02	cps
Yttrium	89-2	2445634	2179409	2383709	2336251	5.96	cps
Zinc	66-2	2892217	2886801	2864740	2881253	0.51	cps
Zirconium	90-1	124849	126584	124587	125340	0.87	cps
Zirconium	91-1	27394	27687	27901	27661	0.92	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1746109	1737788	1746329	1743409	0.28	cps
Antimony	121-1	66802	66434	66923	66719	0.38	cps
Arsenic	75-2	30426	30807	30667	30633	0.63	cps
Barium	135-1	11243330	11206024	11011643	11153666	1.12	cps
Barium	137-1	19322899	19725472	19241546	19429972	1.33	cps
Beryllium	9-1	23204	23417	23096	23239	0.70	cps
Bismuth	209-1	12101827	12144962	12318499	12188429	0.94	cps
Bismuth	209-2	5576351	5286161	5537993	5466835	2.88	cps
Bromine	81-1	18786	20599	20802	20062	5.53	cps
Cadmium	108-1	23637	23567	23099	23434	1.25	cps
Cadmium	106-1	40650	40656	41151	40819	0.70	cps
Cadmium	111-1	361773	360963	361996	361578	0.15	cps
Calcium	43-1	8110788	8043335	7974666	8042930	0.85	cps
Calcium	44-1	130226071	131607698	129149011	130327594	0.95	cps
Carbon	12-1	9759555	9885148	9987226	9877309	1.15	cps
Carbon	12-2	64671	64547	63195	64138	1.28	cps
Chlorine	35-1	179991724	189770677	193266284	187676228	3.67	cps
Chlorine	35-2	857186	860895	869472	862518	0.73	cps
Chromium	52-2	186202	185668	187440	186437	0.49	cps
Cobalt	59-2	296529	297497	298647	297558	0.36	cps
Copper	63-2	3908618	3955584	3914907	3926370	0.65	cps
Dysprosium	156-1	198952	202290	200209	200484	0.84	cps
Dysprosium	156-2	70789	70789	68612	70063	1.79	cps
Erbium	164-1	162060	163195	159854	161703	1.05	cps
Erbium	164-2	60744	59891	60527	60387	0.73	cps
Gadolinium	160-1	182974	179479	180295	180916	1.01	cps
Gadolinium	160-2	81674	82664	80615	81651	1.26	cps
Holmium	165-1	19327954	19778474	19800293	19635573	1.36	cps
Holmium	165-2	7528474	7201175	7488501	7406050	2.41	cps
Indium	115-1	15891871	16014169	16043328	15983123	0.50	cps
Indium	115-2	1743075	1658616	1750188	1717293	2.97	cps
Iron	54-2	19254810	19170786	19220135	19215244	0.22	cps
Iron	56-2	356084968	353670875	353693821	354483221	0.39	cps
Iron	57-2	8947265	8902495	8947217	8932326	0.29	cps
Krypton	83-1	513	687	607	602	14.41	cps
Lead	206-1	24561190	24243673	24460033	24421632	0.66	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	20547285	20580606	20582706	20570199	0.10	cps
Lead	208-1	95820293	95273226	95952839	95682119	0.38	cps
Lithium	6-1	8884337	9217571	9313809	9138572	2.47	cps
Magnesium	24-2	4061801	3923320	3904203	3963108	2.17	cps
Manganese	55-2	11997135	11920464	11972647	11963415	0.33	cps
Molybdenum	94-1	65071	66063	64696	65277	1.08	cps
Molybdenum	95-1	46063	45942	45939	45981	0.15	cps
Molybdenum	96-1	56196	55882	56260	56113	0.36	cps
Molybdenum	97-1	28923	28232	28660	28605	1.22	cps
Molybdenum	98-1	72749	73403	74184	73445	0.98	cps
Neodymium	150-1	302693	303183	299294	301724	0.70	cps
Neodymium	150-2	80935	80965	80855	80919	0.07	cps
Nickel	60-2	1099489	1095432	1096155	1097025	0.20	cps
Phosphorus	31-2	16306	16066	15672	16014	2.00	cps
Potassium	39-2	1297764	1290333	1296642	1294913	0.31	cps
Rhodium	103-1	14715717	14772164	14869383	14785755	0.53	cps
Rhodium	103-2	6142312	5968999	6114640	6075317	1.53	cps
Scandium	45-1	11797367	11687799	11914627	11799931	0.96	cps
Scandium	45-2	244275	231080	239514	238290	2.80	cps
Selenium	82-1	3194	3381	3431	3335	3.74	cps
Selenium	77-2	420	387	440	416	6.48	cps
Selenium	78-2	423	367	417	402	7.70	cps
Silicon	28-1	78356856	79932860	78526329	78938682	1.10	cps
Silver	107-1	199130	199292	200702	199708	0.43	cps
Silver	109-1	187647	189090	188603	188447	0.39	cps
Sodium	23-2	591965	595879	593290	593711	0.34	cps
Strontium	86-1	3098583	3032219	3140833	3090545	1.77	cps
Strontium	88-1	26879896	26328118	26355454	26521156	1.17	cps
Sulfur	34-1	931405	941082	954049	942179	1.21	cps
Terbium	159-1	20127310	20136594	20291880	20185261	0.46	cps
Terbium	159-2	7307601	6999090	7299389	7202026	2.44	cps
Thallium	203-1	18951	19501	19708	19387	2.02	cps
Thallium	205-1	45155	45954	46874	45995	1.87	cps
Tin	118-1	411420	410544	410488	410817	0.13	cps
Titanium	47-1	949801	942387	951372	947853	0.51	cps
Uranium	238-1	242150	240582	238633	240455	0.73	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1178-01A Instrumnet Name : P8
Client Sample ID : MH2GX0A Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:14:50 DataFile Name : 020AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	365057	368840	370662	368186	0.78	cps
Ytterbium	172-1	49385	49087	48776	49083	0.62	cps
Ytterbium	172-2	22242	22876	21678	22266	2.69	cps
Ytterbium	176-1	32326	32607	32520	32484	0.44	cps
Ytterbium	176-2	14451	14365	14438	14418	0.32	cps
Yttrium	89-1	30859453	30870769	31813432	31181218	1.76	cps
Yttrium	89-2	2421463	2328244	2417102	2388936	2.20	cps
Zinc	66-2	3722532	3833096	3718668	3758099	1.73	cps
Zirconium	90-1	105985	106681	107624	106763	0.77	cps
Zirconium	91-1	23834	24475	24041	24116	1.36	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	90	87	80	18.17	cps
Antimony	121-1	117	123	140	127	9.49	cps
Arsenic	75-2	7	20	0	9	114.55	cps
Barium	135-1	50	83	103	79	34.16	cps
Barium	137-1	140	130	107	126	13.62	cps
Beryllium	9-1	460	510	501	490	5.45	cps
Bismuth	209-1	10863462	12310310	12111873	11761881	6.67	cps
Bismuth	209-2	5583388	5624053	5604913	5604118	0.36	cps
Bromine	81-1	4874	4607	4654	4712	3.02	cps
Cadmium	108-1	27	37	27	30	19.24	cps
Cadmium	106-1	6945	7565	7952	7488	6.79	cps
Cadmium	111-1	4890	5310	5585	5261	6.65	cps
Calcium	43-1	487	507	407	467	11.34	cps
Calcium	44-1	31758	31391	31458	31536	0.62	cps
Carbon	12-1	5861273	5916810	5938433	5905505	0.67	cps
Carbon	12-2	38801	38116	37354	38090	1.90	cps
Chlorine	35-1	3898801	3639708	3465990	3668166	5.94	cps
Chlorine	35-2	13777	13206	12953	13312	3.17	cps
Chromium	52-2	870	943	1017	943	7.77	cps
Cobalt	59-2	107	83	77	89	17.72	cps
Copper	63-2	3424	3537	3367	3443	2.52	cps
Dysprosium	156-1	20	20	3	14	66.64	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	87	137	97	107	24.80	cps
Erbium	164-2	43	43	40	42	4.55	cps
Gadolinium	160-1	130	103	130	121	12.71	cps
Gadolinium	160-2	20	27	13	20	33.35	cps
Holmium	165-1	17353067	19378846	19321544	18684486	6.17	cps
Holmium	165-2	7458484	7576075	7509909	7514823	0.78	cps
Indium	115-1	14230652	15437642	15718794	15129029	5.23	cps
Indium	115-2	1779595	1771642	1795272	1782170	0.67	cps
Iron	54-2	703	690	660	684	3.24	cps
Iron	56-2	10307	9667	9500	9825	4.34	cps
Iron	57-2	213	240	183	212	13.36	cps
Krypton	83-1	307	297	377	327	13.35	cps
Lead	206-1	3007	3164	3124	3098	2.63	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2677	2537	2694	2636	3.27	cps
Lead	208-1	12229	12302	11892	12141	1.80	cps
Lithium	6-1	8343571	9021798	9143483	8836284	4.88	cps
Magnesium	24-2	1370	1327	1393	1363	2.48	cps
Manganese	55-2	237	233	130	200	30.32	cps
Molybdenum	94-1	377	373	360	370	2.38	cps
Molybdenum	95-1	147	137	183	156	15.80	cps
Molybdenum	96-1	187	277	210	224	20.81	cps
Molybdenum	97-1	80	87	103	90	13.35	cps
Molybdenum	98-1	247	250	243	247	1.35	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	617	570	553	580	5.66	cps
Phosphorus	31-2	67	80	87	78	13.09	cps
Potassium	39-2	14464	15091	14808	14788	2.12	cps
Rhodium	103-1	13453285	15050751	15406396	14636810	7.11	cps
Rhodium	103-2	6438582	6393302	6433576	6421820	0.39	cps
Scandium	45-1	10348564	11388537	11601654	11112918	6.03	cps
Scandium	45-2	240833	241559	239522	240638	0.43	cps
Selenium	82-1	-3	-33	-90	-42	-104.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	17	3	11	62.48	cps
Silicon	28-1	650024	643746	642919	645563	0.60	cps
Silver	107-1	393	393	393	393	0.00	cps
Silver	109-1	287	230	277	264	11.44	cps
Sodium	23-2	64070	63189	63417	63559	0.72	cps
Strontium	86-1	570	467	580	539	11.64	cps
Strontium	88-1	413	493	463	457	8.85	cps
Sulfur	34-1	801939	804757	806736	804477	0.30	cps
Terbium	159-1	18058650	19451948	20104590	19205063	5.44	cps
Terbium	159-2	7214004	7219515	7408205	7280574	1.52	cps
Thallium	203-1	683	660	673	672	1.74	cps
Thallium	205-1	1553	1467	1547	1522	3.17	cps
Tin	118-1	1970	1920	1997	1962	1.98	cps
Titanium	47-1	300	300	260	287	8.06	cps
Uranium	238-1	40	33	27	33	20.00	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BL Instrumnet Name : P8
Client Sample ID : PBS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:22:47 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	20	23	20	16.65	cps
Ytterbium	172-1	77	100	160	112	38.31	cps
Ytterbium	172-2	30	43	33	36	19.51	cps
Ytterbium	176-1	1830	1944	2007	1927	4.65	cps
Ytterbium	176-2	277	390	370	346	17.51	cps
Yttrium	89-1	25615652	27558259	28245612	27139841	5.03	cps
Yttrium	89-2	2229964	2263090	2228083	2240379	0.88	cps
Zinc	66-2	233	297	273	268	11.96	cps
Zirconium	90-1	810	883	1033	909	12.53	cps
Zirconium	91-1	160	160	183	168	8.03	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3274	3400	3227	3300	2.72	cps
Antimony	121-1	64659	64458	64759	64625	0.24	cps
Arsenic	75-2	793	733	803	777	4.88	cps
Barium	135-1	74369	75593	75931	75298	1.09	cps
Barium	137-1	130644	132471	131185	131433	0.71	cps
Beryllium	9-1	13783	13721	13761	13755	0.23	cps
Bismuth	209-1	12116603	12359152	12290629	12255461	1.02	cps
Bismuth	209-2	5550786	5554413	5628784	5577994	0.79	cps
Bromine	81-1	4647	4611	4698	4652	0.94	cps
Cadmium	108-1	663	550	607	607	9.34	cps
Cadmium	106-1	8896	8733	9040	8890	1.73	cps
Cadmium	111-1	13545	13914	14242	13901	2.51	cps
Calcium	43-1	69791	70535	70264	70197	0.54	cps
Calcium	44-1	1056740	1076058	1059652	1064150	0.98	cps
Carbon	12-1	6318796	6366188	6324486	6336490	0.41	cps
Carbon	12-2	40994	40412	41308	40905	1.11	cps
Chlorine	35-1	3779954	3854570	3868246	3834257	1.24	cps
Chlorine	35-2	16162	16123	16666	16317	1.86	cps
Chromium	52-2	17007	16199	16506	16571	2.46	cps
Cobalt	59-2	15368	15826	15669	15621	1.49	cps
Copper	63-2	30252	29364	29721	29779	1.50	cps
Dysprosium	156-1	27	27	37	30	19.24	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	103	127	93	108	15.87	cps
Erbium	164-2	40	53	43	46	15.23	cps
Gadolinium	160-1	143	100	100	114	21.86	cps
Gadolinium	160-2	23	23	33	27	21.65	cps
Holmium	165-1	19253498	19517638	19340149	19370428	0.70	cps
Holmium	165-2	7416905	7593457	7494892	7501751	1.18	cps
Indium	115-1	15657101	16045059	15963969	15888710	1.29	cps
Indium	115-2	1717998	1793015	1767522	1759512	2.17	cps
Iron	54-2	67187	68135	66383	67235	1.30	cps
Iron	56-2	1229361	1214243	1233494	1225699	0.83	cps
Iron	57-2	30693	30543	30593	30610	0.25	cps
Krypton	83-1	317	293	297	302	4.18	cps
Lead	206-1	27579	27382	27008	27323	1.06	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	23902	24059	24012	23991	0.34	cps
Lead	208-1	109645	109491	109502	109546	0.08	cps
Lithium	6-1	9183663	9085588	9072901	9114051	0.67	cps
Magnesium	24-2	260177	263001	259430	260869	0.72	cps
Manganese	55-2	3627	3447	3484	3519	2.70	cps
Molybdenum	94-1	67727	68169	68430	68109	0.52	cps
Molybdenum	95-1	81155	81598	82630	81794	0.93	cps
Molybdenum	96-1	90549	91526	91076	91050	0.54	cps
Molybdenum	97-1	50632	51656	50813	51033	1.07	cps
Molybdenum	98-1	128593	131509	131237	130446	1.24	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5018	4781	4878	4892	2.43	cps
Phosphorus	31-2	310	297	300	302	2.30	cps
Potassium	39-2	170215	168784	172002	170334	0.95	cps
Rhodium	103-1	15230346	15372071	15046093	15216170	1.07	cps
Rhodium	103-2	6435186	6416861	6433471	6428506	0.16	cps
Scandium	45-1	11534989	11539592	11604306	11559629	0.34	cps
Scandium	45-2	241964	241534	243539	242346	0.44	cps
Selenium	82-1	2410	2330	2830	2524	10.64	cps
Selenium	77-2	57	60	30	49	33.63	cps
Selenium	78-2	167	173	183	174	4.81	cps
Silicon	28-1	918820	914795	896801	910138	1.29	cps
Silver	107-1	41155	40647	41773	41191	1.37	cps
Silver	109-1	37581	39172	38246	38333	2.08	cps
Sodium	23-2	606646	597761	601383	601930	0.74	cps
Strontium	86-1	2405112	2403385	2450534	2419677	1.10	cps
Strontium	88-1	20334471	20753947	20254269	20447562	1.31	cps
Sulfur	34-1	821558	818173	826185	821972	0.49	cps
Terbium	159-1	19728958	20023628	19552347	19768311	1.20	cps
Terbium	159-2	7173674	7371543	7271304	7272174	1.36	cps
Thallium	203-1	31321	30730	31064	31038	0.96	cps
Thallium	205-1	73614	74472	73832	73973	0.60	cps
Tin	118-1	131046	130595	131096	130913	0.21	cps
Titanium	47-1	6568	6718	6655	6647	1.13	cps
Uranium	238-1	92726	94834	94364	93975	1.18	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166302BS Instrumnet Name : P8
Client Sample ID : LCS302 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:26:08 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	31769	32614	32333	32239	1.34	cps
Ytterbium	172-1	73	83	103	87	17.63	cps
Ytterbium	172-2	57	57	53	56	3.47	cps
Ytterbium	176-1	2140	2090	2100	2110	1.25	cps
Ytterbium	176-2	400	377	410	396	4.32	cps
Yttrium	89-1	28068479	28499932	28233161	28267191	0.77	cps
Yttrium	89-2	2249290	2232527	2230263	2237360	0.46	cps
Zinc	66-2	6795	7045	7085	6975	2.25	cps
Zirconium	90-1	55239	57582	56112	56311	2.10	cps
Zirconium	91-1	12679	12589	12899	12723	1.25	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1745831	1739619	1753633	1746361	0.40	cps
Antimony	121-1	19000	19941	19751	19564	2.54	cps
Arsenic	75-2	22395	21289	22097	21927	2.61	cps
Barium	135-1	929620	942139	941045	937601	0.74	cps
Barium	137-1	1709249	1707702	1728554	1715168	0.68	cps
Beryllium	9-1	7276	7362	7147	7262	1.49	cps
Bismuth	209-1	12367087	12208424	11922114	12165875	1.85	cps
Bismuth	209-2	5562356	5461533	5438884	5487591	1.20	cps
Bromine	81-1	8222	8593	8996	8604	4.50	cps
Cadmium	108-1	167	167	183	172	5.59	cps
Cadmium	106-1	8329	8176	7966	8157	2.24	cps
Cadmium	111-1	6514	6363	6308	6395	1.67	cps
Calcium	43-1	341380	345488	342408	343092	0.62	cps
Calcium	44-1	5711776	5718151	5664838	5698255	0.51	cps
Carbon	12-1	6764127	6946198	7000041	6903455	1.79	cps
Carbon	12-2	44337	44664	44885	44629	0.62	cps
Chlorine	35-1	190148251	208984690	218897470	206010137	7.09	cps
Chlorine	35-2	958065	960269	963823	960719	0.30	cps
Chromium	52-2	211472	213309	213262	212681	0.49	cps
Cobalt	59-2	224299	221944	223460	223234	0.53	cps
Copper	63-2	589878	593144	589227	590750	0.36	cps
Dysprosium	156-1	68313	70484	69415	69404	1.56	cps
Dysprosium	156-2	29068	28744	27769	28527	2.37	cps
Erbium	164-1	66160	67383	67222	66922	0.99	cps
Erbium	164-2	24930	24810	25381	25040	1.20	cps
Gadolinium	160-1	73270	74272	73813	73785	0.68	cps
Gadolinium	160-2	33612	33632	33155	33466	0.81	cps
Holmium	165-1	19778823	19497161	19257355	19511113	1.34	cps
Holmium	165-2	7515765	7491881	7457653	7488433	0.39	cps
Indium	115-1	16328076	15822934	15825733	15992248	1.82	cps
Indium	115-2	1741415	1678549	1724898	1714954	1.90	cps
Iron	54-2	10229255	10226228	10217131	10224205	0.06	cps
Iron	56-2	192123244	189571537	189007371	190234051	0.87	cps
Iron	57-2	4826589	4868687	4754849	4816708	1.19	cps
Krypton	83-1	400	467	317	394	19.05	cps
Lead	206-1	329196	334159	331329	331561	0.75	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	273623	275366	272563	273851	0.52	cps
Lead	208-1	1279234	1295407	1287870	1287504	0.63	cps
Lithium	6-1	9728153	9447441	9491867	9555820	1.58	cps
Magnesium	24-2	3112749	3033313	3029312	3058458	1.54	cps
Manganese	55-2	829779	831306	828288	829791	0.18	cps
Molybdenum	94-1	17137	17154	17171	17154	0.10	cps
Molybdenum	95-1	10791	11245	11568	11201	3.49	cps
Molybdenum	96-1	14224	14307	14281	14271	0.30	cps
Molybdenum	97-1	6518	7342	6992	6951	5.95	cps
Molybdenum	98-1	17761	17985	17781	17843	0.69	cps
Neodymium	150-1	74167	74612	74090	74290	0.38	cps
Neodymium	150-2	19865	20299	19938	20034	1.16	cps
Nickel	60-2	160497	162698	160601	161266	0.77	cps
Phosphorus	31-2	2514	2634	2754	2634	4.56	cps
Potassium	39-2	111318	109437	109558	110105	0.96	cps
Rhodium	103-1	15567395	15197186	15169258	15311280	1.45	cps
Rhodium	103-2	6423459	6160690	6354411	6312853	2.16	cps
Scandium	45-1	12388229	12062567	12199588	12216795	1.34	cps
Scandium	45-2	247663	243425	242493	244527	1.13	cps
Selenium	82-1	213	160	347	240	40.06	cps
Selenium	77-2	143	127	107	126	14.62	cps
Selenium	78-2	113	87	107	102	13.57	cps
Silicon	28-1	82702867	83037547	82947939	82896118	0.21	cps
Silver	107-1	9410	8964	7886	8753	8.95	cps
Silver	109-1	8760	7605	7069	7811	11.06	cps
Sodium	23-2	118771	119884	120095	119583	0.59	cps
Strontium	86-1	301260	303384	300985	301876	0.43	cps
Strontium	88-1	2734052	2714745	2677598	2708798	1.06	cps
Sulfur	34-1	730754	702343	688487	707195	3.05	cps
Terbium	159-1	20555127	20275380	19773473	20201327	1.96	cps
Terbium	159-2	7347072	7388351	7167744	7301055	1.61	cps
Thallium	203-1	3494	3731	3734	3653	3.77	cps
Thallium	205-1	8379	8656	9090	8709	4.11	cps
Tin	118-1	6365	6218	6572	6385	2.78	cps
Titanium	47-1	64477	64357	64725	64520	0.29	cps
Uranium	238-1	23959	24317	23913	24063	0.92	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01 Instrumnet Name : P8
Client Sample ID : YE8C9 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:29:24 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	210630	209405	209367	209801	0.34	cps
Ytterbium	172-1	19194	19201	18987	19127	0.64	cps
Ytterbium	172-2	8690	8446	8590	8575	1.43	cps
Ytterbium	176-1	13467	13841	13477	13595	1.57	cps
Ytterbium	176-2	5698	5851	5948	5832	2.16	cps
Yttrium	89-1	30693239	29634201	29299505	29875648	2.44	cps
Yttrium	89-2	2349651	2251254	2271014	2290639	2.27	cps
Zinc	66-2	87565	86438	86998	87000	0.65	cps
Zirconium	90-1	28703	29411	28963	29026	1.23	cps
Zirconium	91-1	6502	6508	6558	6523	0.48	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1730578	1748498	1703314	1727464	1.32	cps
Antimony	121-1	17852	18145	17568	17855	1.62	cps
Arsenic	75-2	21353	21203	21707	21421	1.21	cps
Barium	135-1	930081	943585	937372	937013	0.72	cps
Barium	137-1	1662805	1681762	1688044	1677537	0.78	cps
Beryllium	9-1	7236	7112	7300	7216	1.32	cps
Bismuth	209-1	12330949	12163881	12211511	12235447	0.70	cps
Bismuth	209-2	5415605	5514438	5531173	5487072	1.14	cps
Bromine	81-1	7856	8096	8649	8200	4.96	cps
Cadmium	108-1	157	163	147	156	5.39	cps
Cadmium	106-1	7515	7932	7786	7744	2.73	cps
Cadmium	111-1	5971	6308	6137	6139	2.75	cps
Calcium	43-1	337552	340213	341638	339801	0.61	cps
Calcium	44-1	5506491	5638026	5607871	5584130	1.23	cps
Carbon	12-1	7009135	6922890	6968374	6966800	0.62	cps
Carbon	12-2	44989	44935	44049	44658	1.18	cps
Chlorine	35-1	208527370	225113817	227999010	220546732	4.76	cps
Chlorine	35-2	991874	993503	1007139	997506	0.84	cps
Chromium	52-2	212406	213043	211314	212254	0.41	cps
Cobalt	59-2	224448	223605	221900	223317	0.58	cps
Copper	63-2	593734	590620	587671	590675	0.51	cps
Dysprosium	156-1	68940	69908	69325	69391	0.70	cps
Dysprosium	156-2	28317	28390	27979	28229	0.78	cps
Erbium	164-1	67523	68117	67208	67616	0.68	cps
Erbium	164-2	25845	24620	25381	25282	2.45	cps
Gadolinium	160-1	72881	73317	73591	73263	0.49	cps
Gadolinium	160-2	34404	33241	32937	33528	2.31	cps
Holmium	165-1	19835758	19641555	19851167	19776160	0.59	cps
Holmium	165-2	7683949	7431959	7473391	7529766	1.79	cps
Indium	115-1	16047856	15969816	15763247	15926973	0.92	cps
Indium	115-2	1743624	1711153	1697138	1717305	1.39	cps
Iron	54-2	10155342	10380408	10123045	10219598	1.37	cps
Iron	56-2	187466857	189705264	190561104	189244408	0.84	cps
Iron	57-2	4808968	4745966	4687421	4747452	1.28	cps
Krypton	83-1	427	433	417	426	1.97	cps
Lead	206-1	333348	332114	335246	333569	0.47	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	272065	272360	272003	272143	0.07	cps
Lead	208-1	1285593	1287742	1291155	1288164	0.22	cps
Lithium	6-1	9360916	9493849	9301394	9385387	1.05	cps
Magnesium	24-2	3045472	3022748	3080531	3049584	0.95	cps
Manganese	55-2	818554	828289	814348	820397	0.87	cps
Molybdenum	94-1	16306	16583	16827	16572	1.57	cps
Molybdenum	95-1	10714	11028	11241	10994	2.41	cps
Molybdenum	96-1	14151	13557	13623	13777	2.36	cps
Molybdenum	97-1	6715	6632	7019	6788	3.00	cps
Molybdenum	98-1	17371	17391	17378	17380	0.06	cps
Neodymium	150-1	73362	73560	73835	73586	0.32	cps
Neodymium	150-2	20075	19391	20182	19883	2.16	cps
Nickel	60-2	162081	161161	160099	161114	0.62	cps
Phosphorus	31-2	2434	2594	2647	2558	4.34	cps
Potassium	39-2	108578	107963	108987	108509	0.47	cps
Rhodium	103-1	15183770	15285020	15205302	15224697	0.35	cps
Rhodium	103-2	6230789	6238997	6266669	6245485	0.30	cps
Scandium	45-1	11847289	11943483	11911652	11900808	0.41	cps
Scandium	45-2	243850	243367	242660	243292	0.25	cps
Selenium	82-1	360	220	107	229	55.44	cps
Selenium	77-2	100	140	130	123	16.88	cps
Selenium	78-2	130	107	87	108	20.12	cps
Silicon	28-1	85237515	84111012	84819730	84722753	0.67	cps
Silver	107-1	7135	7592	7666	7464	3.85	cps
Silver	109-1	6898	7032	7079	7003	1.33	cps
Sodium	23-2	119336	120469	120734	120179	0.62	cps
Strontium	86-1	297829	297756	300403	298663	0.50	cps
Strontium	88-1	2688495	2692233	2643071	2674600	1.02	cps
Sulfur	34-1	638302	621797	612870	624323	2.07	cps
Terbium	159-1	20065968	20273168	20355997	20231711	0.74	cps
Terbium	159-2	7378496	7299334	7360302	7346044	0.56	cps
Thallium	203-1	3464	3447	3501	3470	0.79	cps
Thallium	205-1	7909	8343	9070	8441	6.95	cps
Tin	118-1	5938	5738	5778	5818	1.82	cps
Titanium	47-1	60852	61461	61180	61164	0.50	cps
Uranium	238-1	24317	24651	24343	24437	0.76	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-02 Instrumnet Name : P8
Client Sample ID : YE8C9D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:32:40 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	208830	207606	206968	207801	0.46	cps
Ytterbium	172-1	19241	19050	19605	19299	1.46	cps
Ytterbium	172-2	9073	8590	8890	8851	2.76	cps
Ytterbium	176-1	13280	13751	13904	13645	2.38	cps
Ytterbium	176-2	5575	5805	5941	5774	3.21	cps
Yttrium	89-1	29699067	29654790	29193750	29515869	0.95	cps
Yttrium	89-2	2323999	2240467	2324232	2296233	2.10	cps
Zinc	66-2	85989	86113	86086	86062	0.08	cps
Zirconium	90-1	27958	28579	28529	28356	1.22	cps
Zirconium	91-1	6715	6715	6502	6644	1.85	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	337980	334034	334637	335550	0.63	cps
Antimony	121-1	4107	4307	4021	4145	3.55	cps
Arsenic	75-2	4151	4291	4137	4193	2.03	cps
Barium	135-1	181522	184641	185100	183755	1.06	cps
Barium	137-1	319382	324672	320450	321501	0.87	cps
Beryllium	9-1	1667	1664	1662	1664	0.16	cps
Bismuth	209-1	12309079	11903371	12236157	12149536	1.78	cps
Bismuth	209-2	5615341	5564071	5517966	5565793	0.88	cps
Bromine	81-1	5338	5494	5391	5408	1.47	cps
Cadmium	108-1	67	57	57	60	9.62	cps
Cadmium	106-1	7162	7315	7545	7341	2.63	cps
Cadmium	111-1	5160	5301	5422	5294	2.48	cps
Calcium	43-1	66278	67517	66975	66923	0.93	cps
Calcium	44-1	1100936	1110849	1110683	1107489	0.51	cps
Carbon	12-1	6274038	6427696	6360316	6354017	1.21	cps
Carbon	12-2	40790	40425	40459	40558	0.50	cps
Chlorine	35-1	50806958	53197633	53051444	52352011	2.56	cps
Chlorine	35-2	229066	226728	227067	227620	0.56	cps
Chromium	52-2	45372	44857	45328	45186	0.63	cps
Cobalt	59-2	44924	44355	44225	44502	0.83	cps
Copper	63-2	120045	119655	120522	120074	0.36	cps
Dysprosium	156-1	13594	13373	13627	13531	1.02	cps
Dysprosium	156-2	5568	5478	5655	5567	1.59	cps
Erbium	164-1	13097	13353	13253	13234	0.98	cps
Erbium	164-2	5018	5361	4941	5107	4.38	cps
Gadolinium	160-1	14248	14638	14641	14509	1.56	cps
Gadolinium	160-2	6862	6605	6892	6786	2.32	cps
Holmium	165-1	19489226	19348707	19395963	19411299	0.37	cps
Holmium	165-2	7471267	7562461	7413469	7482399	1.00	cps
Indium	115-1	15837411	15301313	15951274	15696666	2.21	cps
Indium	115-2	1709885	1722488	1748508	1726961	1.14	cps
Iron	54-2	2064665	2047138	2089622	2067142	1.03	cps
Iron	56-2	37324027	37067674	37760298	37384000	0.94	cps
Iron	57-2	913591	908876	917733	913400	0.49	cps
Krypton	83-1	323	330	343	332	3.07	cps
Lead	206-1	67638	68201	68158	67999	0.46	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	55073	56513	56124	55903	1.33	cps
Lead	208-1	258354	262477	261679	260837	0.84	cps
Lithium	6-1	9249331	9195619	9275852	9240267	0.44	cps
Magnesium	24-2	589488	591754	591539	590927	0.21	cps
Manganese	55-2	164371	162948	164493	163937	0.52	cps
Molybdenum	94-1	3734	3857	3617	3736	3.21	cps
Molybdenum	95-1	2260	2464	2427	2384	4.55	cps
Molybdenum	96-1	2794	3160	3350	3101	9.13	cps
Molybdenum	97-1	1343	1570	1560	1491	8.59	cps
Molybdenum	98-1	3877	3701	4001	3859	3.91	cps
Neodymium	150-1	14408	14495	14972	14625	2.08	cps
Neodymium	150-2	3884	4047	3804	3912	3.17	cps
Nickel	60-2	31999	31976	33052	32342	1.90	cps
Phosphorus	31-2	647	653	490	597	15.49	cps
Potassium	39-2	32493	32680	32583	32586	0.29	cps
Rhodium	103-1	15409576	15182919	15177809	15256768	0.87	cps
Rhodium	103-2	6347515	6290771	6482216	6373501	1.54	cps
Scandium	45-1	11692247	11549627	11613779	11618551	0.61	cps
Scandium	45-2	238796	237870	238820	238495	0.23	cps
Selenium	82-1	0	27	-23	1	2247.18	cps
Selenium	77-2	30	20	43	31	37.62	cps
Selenium	78-2	30	17	40	29	40.51	cps
Silicon	28-1	16367544	16722109	16365314	16484989	1.25	cps
Silver	107-1	1810	1857	1770	1812	2.39	cps
Silver	109-1	1567	1473	1533	1525	3.10	cps
Sodium	23-2	76988	75996	76157	76380	0.70	cps
Strontium	86-1	57879	59208	58485	58524	1.14	cps
Strontium	88-1	497520	508064	502928	502837	1.05	cps
Sulfur	34-1	594496	593645	593281	593807	0.10	cps
Terbium	159-1	20703488	20023937	20155433	20294286	1.78	cps
Terbium	159-2	7335941	7172999	7215774	7241571	1.17	cps
Thallium	203-1	1207	1117	1187	1170	4.04	cps
Thallium	205-1	2900	2757	2717	2791	3.45	cps
Tin	118-1	2834	2580	2534	2649	6.09	cps
Titanium	47-1	12435	12479	12516	12477	0.32	cps
Uranium	238-1	4858	4798	4648	4768	2.27	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-01LX5 Instrumnet Name : P8
Client Sample ID : YE8C9L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 13:35:53 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	41430	40781	41259	41157	0.82	cps
Ytterbium	172-1	3774	3911	3574	3753	4.51	cps
Ytterbium	172-2	1700	1663	1787	1717	3.69	cps
Ytterbium	176-1	4277	4117	4337	4244	2.68	cps
Ytterbium	176-2	1377	1397	1483	1419	4.00	cps
Yttrium	89-1	28647396	28097670	28649041	28464702	1.12	cps
Yttrium	89-2	2239219	2235474	2228305	2234333	0.25	cps
Zinc	66-2	17561	17431	17364	17452	0.57	cps
Zirconium	90-1	6271	6291	6535	6366	2.30	cps
Zirconium	91-1	1317	1440	1403	1387	4.57	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1762488	1788228	1803263	1784659	1.16	cps
Antimony	121-1	364549	371925	369127	368534	1.01	cps
Arsenic	75-2	24695	24271	24157	24375	1.16	cps
Barium	135-1	2594845	2652408	2638873	2628709	1.14	cps
Barium	137-1	4462798	4578681	4524044	4521841	1.28	cps
Beryllium	9-1	72897	74184	73589	73557	0.88	cps
Bismuth	209-1	12286055	12223434	12202502	12237330	0.36	cps
Bismuth	209-2	5484142	5548184	5481323	5504550	0.69	cps
Bromine	81-1	7862	8486	8116	8155	3.85	cps
Cadmium	108-1	3017	3287	3260	3188	4.67	cps
Cadmium	106-1	11565	11101	11462	11376	2.14	cps
Cadmium	111-1	47633	47116	47852	47534	0.79	cps
Calcium	43-1	394188	400362	403521	399357	1.19	cps
Calcium	44-1	6245770	6386683	6392226	6341560	1.31	cps
Carbon	12-1	6847622	7055577	6986207	6963135	1.52	cps
Carbon	12-2	44427	45517	45493	45146	1.38	cps
Chlorine	35-1	213483563	227933837	232241843	224553081	4.38	cps
Chlorine	35-2	1010907	1023508	1031147	1021854	1.00	cps
Chromium	52-2	383963	384948	383500	384137	0.19	cps
Cobalt	59-2	1036248	1024623	1036290	1032387	0.65	cps
Copper	63-2	903870	903207	899971	902349	0.23	cps
Dysprosium	156-1	68371	70240	69298	69303	1.35	cps
Dysprosium	156-2	28307	28480	28607	28465	0.53	cps
Erbium	164-1	66345	66947	67098	66797	0.60	cps
Erbium	164-2	24890	24940	24930	24920	0.11	cps
Gadolinium	160-1	72938	74335	74671	73981	1.24	cps
Gadolinium	160-2	33863	34124	33780	33922	0.53	cps
Holmium	165-1	19883601	19847788	19622215	19784535	0.72	cps
Holmium	165-2	7485804	7369839	7492251	7449298	0.92	cps
Indium	115-1	16140984	16058698	15991810	16063831	0.47	cps
Indium	115-2	1726234	1731777	1750538	1736183	0.73	cps
Iron	54-2	10261014	10149811	10251219	10220681	0.60	cps
Iron	56-2	189504231	187783984	188663631	188650615	0.46	cps
Iron	57-2	4926716	4770378	4805427	4834174	1.70	cps
Krypton	83-1	523	490	447	487	7.90	cps
Lead	206-1	380528	387880	388492	385633	1.15	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	313538	316918	318589	316348	0.81	cps
Lead	208-1	1467180	1495210	1499787	1487392	1.19	cps
Lithium	6-1	9554666	9452501	9502196	9503121	0.54	cps
Magnesium	24-2	3047230	3031210	3011265	3029902	0.59	cps
Manganese	55-2	992916	997680	1000223	996940	0.37	cps
Molybdenum	94-1	570082	583598	581532	578404	1.26	cps
Molybdenum	95-1	964386	976000	986721	975703	1.14	cps
Molybdenum	96-1	1033204	1055957	1042723	1043961	1.09	cps
Molybdenum	97-1	601866	618077	607847	609263	1.35	cps
Molybdenum	98-1	1639148	1641827	1648769	1643248	0.30	cps
Neodymium	150-1	72032	75668	74401	74034	2.49	cps
Neodymium	150-2	20392	20202	19881	20159	1.28	cps
Nickel	60-2	383151	382666	384503	383440	0.25	cps
Phosphorus	31-2	2717	2627	2627	2657	1.96	cps
Potassium	39-2	110919	111392	112799	111703	0.88	cps
Rhodium	103-1	15530934	15331961	15383473	15415456	0.67	cps
Rhodium	103-2	6486487	6339533	6362515	6396178	1.24	cps
Scandium	45-1	12227882	12035901	12029445	12097743	0.93	cps
Scandium	45-2	246025	245223	244175	245141	0.38	cps
Selenium	82-1	1080	1070	1160	1103	4.47	cps
Selenium	77-2	150	150	103	134	20.04	cps
Selenium	78-2	173	163	153	163	6.12	cps
Silicon	28-1	84884799	89305352	87809672	87333274	2.57	cps
Silver	107-1	212861	220654	218849	217455	1.88	cps
Silver	109-1	201956	208063	207121	205713	1.60	cps
Sodium	23-2	118567	120898	121241	120235	1.21	cps
Strontium	86-1	11749688	11667563	11455947	11624399	1.30	cps
Strontium	88-1	101568328	101082138	100299619	100983362	0.63	cps
Sulfur	34-1	596225	588764	586871	590620	0.84	cps
Terbium	159-1	20566569	20413694	20300203	20426822	0.65	cps
Terbium	159-2	7279333	7368131	7299808	7315758	0.64	cps
Thallium	203-1	156283	159999	161585	159289	1.71	cps
Thallium	205-1	380318	382762	383225	382102	0.41	cps
Tin	118-1	8090	5585	5478	6384	23.16	cps
Titanium	47-1	59349	60366	61113	60276	1.47	cps
Uranium	238-1	24267	24751	24450	24489	1.00	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1159-03 Instrumnet Name : P8
Client Sample ID : YE8C9S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:39:12 DataFile Name : 027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	540010	534311	540650	538323	0.65	cps
Ytterbium	172-1	18970	19144	19765	19293	2.17	cps
Ytterbium	172-2	9016	8820	9033	8956	1.33	cps
Ytterbium	176-1	13200	13437	13767	13468	2.12	cps
Ytterbium	176-2	5831	5855	5658	5781	1.86	cps
Yttrium	89-1	30158977	29321116	29133224	29537772	1.85	cps
Yttrium	89-2	2289907	2315143	2287693	2297581	0.66	cps
Zinc	66-2	153777	155310	152585	153891	0.89	cps
Zirconium	90-1	27257	27808	28309	27791	1.89	cps
Zirconium	91-1	6245	6281	6322	6283	0.61	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2274	2207	2317	2266	2.45	cps
Antimony	121-1	153	103	107	121	23.08	cps
Arsenic	75-2	0	7	0	2	173.21	cps
Barium	135-1	433	353	360	382	11.61	cps
Barium	137-1	537	403	423	454	15.82	cps
Beryllium	9-1	379	409	382	390	4.19	cps
Bismuth	209-1	12032972	12078667	12278667	12130102	1.08	cps
Bismuth	209-2	5622515	5634914	5736073	5664501	1.10	cps
Bromine	81-1	4758	4631	4691	4693	1.35	cps
Cadmium	108-1	23	13	23	20	28.87	cps
Cadmium	106-1	7352	7152	7335	7280	1.53	cps
Cadmium	111-1	5177	5034	5152	5121	1.49	cps
Calcium	43-1	510	467	490	489	4.44	cps
Calcium	44-1	33519	33192	32216	32976	2.06	cps
Carbon	12-1	6348860	6370376	6439226	6386154	0.74	cps
Carbon	12-2	42568	41692	42548	42269	1.18	cps
Chlorine	35-1	13994164	12702634	11513723	12736840	9.74	cps
Chlorine	35-2	41984	40590	37726	40100	5.41	cps
Chromium	52-2	1073	1250	1273	1199	9.12	cps
Cobalt	59-2	163	160	147	157	5.63	cps
Copper	63-2	5621	5698	5835	5718	1.89	cps
Dysprosium	156-1	27	23	20	23	14.29	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	100	93	90	94	5.39	cps
Erbium	164-2	33	37	37	36	5.42	cps
Gadolinium	160-1	113	130	123	122	6.86	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	19528713	19446176	19343748	19439546	0.48	cps
Holmium	165-2	7650811	7542383	7522175	7571789	0.91	cps
Indium	115-1	16088011	15851424	15622206	15853880	1.47	cps
Indium	115-2	1779436	1789784	1791852	1787024	0.37	cps
Iron	54-2	1193	1170	1040	1135	7.28	cps
Iron	56-2	19507	18563	16036	18035	9.95	cps
Iron	57-2	507	423	480	470	9.06	cps
Krypton	83-1	310	347	257	304	14.87	cps
Lead	206-1	2414	2367	2230	2337	4.08	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2057	1987	1810	1951	6.52	cps
Lead	208-1	9465	9238	8681	9128	4.42	cps
Lithium	6-1	9128261	9261173	9068561	9152665	1.08	cps
Magnesium	24-2	1910	1797	1827	1845	3.18	cps
Manganese	55-2	230	200	190	207	10.07	cps
Molybdenum	94-1	453	480	493	476	4.28	cps
Molybdenum	95-1	357	343	197	299	29.70	cps
Molybdenum	96-1	387	380	393	387	1.72	cps
Molybdenum	97-1	207	200	217	208	4.04	cps
Molybdenum	98-1	480	430	543	484	11.72	cps
Neodymium	150-1	20	20	30	23	24.74	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	733	917	877	842	11.45	cps
Phosphorus	31-2	93	107	107	102	7.53	cps
Potassium	39-2	13386	13573	13980	13647	2.23	cps
Rhodium	103-1	15444821	15414268	15178296	15345795	0.95	cps
Rhodium	103-2	6399306	6400496	6493278	6431027	0.84	cps
Scandium	45-1	11533108	11255375	11458275	11415586	1.26	cps
Scandium	45-2	238427	235446	236182	236685	0.66	cps
Selenium	82-1	-53	-100	47	-36	-210.75	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	10	37	18	92.48	cps
Silicon	28-1	662494	665371	666144	664670	0.29	cps
Silver	107-1	563	513	480	519	8.08	cps
Silver	109-1	420	433	363	406	9.17	cps
Sodium	23-2	69571	68500	68825	68965	0.80	cps
Strontium	86-1	1483	1480	1283	1416	8.09	cps
Strontium	88-1	8420	8794	6382	7865	16.51	cps
Sulfur	34-1	595609	595989	598289	596629	0.24	cps
Terbium	159-1	20076648	19797390	19872422	19915487	0.73	cps
Terbium	159-2	7380266	7316542	7325484	7340764	0.47	cps
Thallium	203-1	760	673	607	680	11.31	cps
Thallium	205-1	1760	1823	1670	1751	4.40	cps
Tin	118-1	2064	1980	1963	2002	2.68	cps
Titanium	47-1	323	250	317	297	13.67	cps
Uranium	238-1	47	27	33	36	28.64	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BL Instrumnet Name : P8
Client Sample ID : PBW317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:42:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	43	47	57	49	14.20	cps
Ytterbium	172-1	107	127	93	109	15.41	cps
Ytterbium	172-2	23	47	53	41	38.32	cps
Ytterbium	176-1	1873	1787	1830	1830	2.37	cps
Ytterbium	176-2	337	280	353	323	11.89	cps
Yttrium	89-1	28121682	28208851	28051239	28127257	0.28	cps
Yttrium	89-2	2227866	2234095	2254717	2238893	0.63	cps
Zinc	66-2	353	323	347	341	4.62	cps
Zirconium	90-1	1033	1120	983	1046	6.61	cps
Zirconium	91-1	163	157	203	174	14.47	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3640	3347	3510	3499	4.20	cps
Antimony	121-1	71314	72883	72605	72267	1.16	cps
Arsenic	75-2	870	830	707	802	10.61	cps
Barium	135-1	82312	83331	84008	83217	1.03	cps
Barium	137-1	145251	145361	145257	145290	0.04	cps
Beryllium	9-1	14688	14813	14670	14724	0.53	cps
Bismuth	209-1	12568279	12031134	12368924	12322779	2.20	cps
Bismuth	209-2	5580530	5631957	5612088	5608192	0.46	cps
Bromine	81-1	4838	4818	4921	4859	1.13	cps
Cadmium	108-1	667	743	807	739	9.49	cps
Cadmium	106-1	8199	8122	8429	8250	1.94	cps
Cadmium	111-1	14149	14205	14199	14184	0.22	cps
Calcium	43-1	61705	61641	62200	61849	0.49	cps
Calcium	44-1	1025915	1028159	1032511	1028862	0.33	cps
Carbon	12-1	6552620	6758098	6770214	6693644	1.83	cps
Carbon	12-2	44634	44795	44741	44723	0.18	cps
Chlorine	35-1	7399696	7425849	7294941	7373495	0.94	cps
Chlorine	35-2	29012	28041	28141	28398	1.88	cps
Chromium	52-2	18559	18188	18876	18541	1.86	cps
Cobalt	59-2	17578	17568	17261	17469	1.03	cps
Copper	63-2	34652	34104	34255	34337	0.82	cps
Dysprosium	156-1	27	40	27	31	24.74	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	110	90	100	100	10.00	cps
Erbium	164-2	43	37	33	38	13.48	cps
Gadolinium	160-1	100	117	157	124	23.40	cps
Gadolinium	160-2	7	20	13	13	49.99	cps
Holmium	165-1	19565556	19119774	19347311	19344214	1.15	cps
Holmium	165-2	7542050	7575041	7408020	7508370	1.18	cps
Indium	115-1	15938629	15898064	15933164	15923285	0.14	cps
Indium	115-2	1766506	1752352	1751740	1756866	0.48	cps
Iron	54-2	74175	73548	73029	73584	0.78	cps
Iron	56-2	1352827	1335482	1335979	1341429	0.74	cps
Iron	57-2	33633	33974	33880	33829	0.52	cps
Krypton	83-1	273	300	263	279	6.80	cps
Lead	206-1	28996	29978	29477	29484	1.67	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	25979	25535	25298	25604	1.35	cps
Lead	208-1	116400	117189	116997	116862	0.35	cps
Lithium	6-1	9087727	8915022	9006826	9003192	0.96	cps
Magnesium	24-2	282291	286409	283872	284191	0.73	cps
Manganese	55-2	3744	3877	3764	3795	1.90	cps
Molybdenum	94-1	74706	76603	76405	75904	1.37	cps
Molybdenum	95-1	89264	89009	89758	89344	0.43	cps
Molybdenum	96-1	99842	100020	99735	99866	0.14	cps
Molybdenum	97-1	56384	56063	56809	56418	0.66	cps
Molybdenum	98-1	142146	144591	144295	143677	0.93	cps
Neodymium	150-1	33	17	33	28	34.63	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	6015	5364	5791	5723	5.77	cps
Phosphorus	31-2	347	317	240	301	18.27	cps
Potassium	39-2	183011	181253	183554	182606	0.66	cps
Rhodium	103-1	15579752	15348210	15443813	15457258	0.75	cps
Rhodium	103-2	6370986	6404574	6325934	6367165	0.62	cps
Scandium	45-1	11678578	11337941	11398066	11471528	1.58	cps
Scandium	45-2	236732	235470	237652	236618	0.46	cps
Selenium	82-1	2747	2607	2684	2679	2.62	cps
Selenium	77-2	63	47	57	56	15.09	cps
Selenium	78-2	197	157	223	192	17.46	cps
Silicon	28-1	954422	937278	932889	941529	1.21	cps
Silver	107-1	44712	44869	45388	44990	0.79	cps
Silver	109-1	42134	42238	43318	42563	1.54	cps
Sodium	23-2	650408	648104	646365	648292	0.31	cps
Strontium	86-1	12012	12182	12652	12282	2.70	cps
Strontium	88-1	101529	103050	101163	101914	0.98	cps
Sulfur	34-1	647022	655053	653621	651898	0.66	cps
Terbium	159-1	20057137	19976593	20327728	20120486	0.91	cps
Terbium	159-2	7251669	7239077	7255008	7248585	0.12	cps
Thallium	203-1	33577	34690	34536	34267	1.76	cps
Thallium	205-1	82356	83121	82218	82565	0.59	cps
Tin	118-1	144954	146056	147222	146077	0.78	cps
Titanium	47-1	7245	7322	7242	7270	0.62	cps
Uranium	238-1	104230	104916	104435	104527	0.34	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : PB166317BS Instrumnet Name : P8
Client Sample ID : LCS317 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:45:42 DataFile Name : 029LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	35123	35564	35414	35367	0.63	cps
Ytterbium	172-1	77	103	77	86	18.00	cps
Ytterbium	172-2	70	40	60	57	26.96	cps
Ytterbium	176-1	1840	1977	2027	1948	4.96	cps
Ytterbium	176-2	383	447	447	426	8.59	cps
Yttrium	89-1	28897440	28102754	27997130	28332441	1.74	cps
Yttrium	89-2	2222919	2205757	2182960	2203879	0.91	cps
Zinc	66-2	7425	7339	7505	7423	1.12	cps
Zirconium	90-1	62513	62265	63092	62623	0.68	cps
Zirconium	91-1	14064	13407	13914	13795	2.50	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	713	733	757	734	2.95	cps
Antimony	121-1	913	917	823	884	5.99	cps
Arsenic	75-2	190	190	127	169	21.65	cps
Barium	135-1	72818	74041	73609	73489	0.84	cps
Barium	137-1	126976	128682	128087	127915	0.68	cps
Beryllium	9-1	354	389	319	354	9.90	cps
Bismuth	209-1	11060901	11161145	11207896	11143314	0.67	cps
Bismuth	209-2	5074105	5082522	5039946	5065524	0.45	cps
Bromine	81-1	96966	110182	118334	108494	9.94	cps
Cadmium	108-1	37	23	40	33	26.47	cps
Cadmium	106-1	7365	7629	7602	7532	1.93	cps
Cadmium	111-1	5173	5351	5317	5280	1.78	cps
Calcium	43-1	20993106	21348236	21150193	21163845	0.84	cps
Calcium	44-1	343637182	345102355	339585088	342774875	0.83	cps
Carbon	12-1	9440204	10063204	10378838	9960749	4.80	cps
Carbon	12-2	72266	70418	71968	71551	1.39	cps
Chlorine	35-1	5456261	5691753	5665600	5604538	2.30	cps
Chlorine	35-2	23763	23720	22768	23417	2.40	cps
Chromium	52-2	1700	1827	1727	1751	3.81	cps
Cobalt	59-2	273	303	267	281	6.95	cps
Copper	63-2	3781	4094	3717	3864	5.22	cps
Dysprosium	156-1	207	263	210	227	14.03	cps
Dysprosium	156-2	93	73	90	86	12.53	cps
Erbium	164-1	313	293	380	329	13.80	cps
Erbium	164-2	97	80	137	104	27.88	cps
Gadolinium	160-1	337	303	300	313	6.47	cps
Gadolinium	160-2	90	140	117	116	21.65	cps
Holmium	165-1	18700440	18967538	19081408	18916462	1.03	cps
Holmium	165-2	7140163	7167668	7077194	7128342	0.65	cps
Indium	115-1	14809087	14944932	15117456	14957158	1.03	cps
Indium	115-2	1609065	1621669	1578635	1603123	1.38	cps
Iron	54-2	131341	131277	130197	130938	0.49	cps
Iron	56-2	2504404	2498158	2526374	2509645	0.59	cps
Iron	57-2	60705	61649	60738	61031	0.88	cps
Krypton	83-1	350	313	280	314	11.13	cps
Lead	206-1	2307	2374	2237	2306	2.96	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2040	1947	1847	1945	4.97	cps
Lead	208-1	9015	9068	8458	8847	3.82	cps
Lithium	6-1	8584584	8687979	8528139	8600234	0.94	cps
Magnesium	24-2	30844900	30425172	30850059	30706710	0.79	cps
Manganese	55-2	41610	41360	42068	41679	0.86	cps
Molybdenum	94-1	3060	2870	2810	2914	4.48	cps
Molybdenum	95-1	3134	2994	3314	3147	5.10	cps
Molybdenum	96-1	3484	3530	3507	3507	0.67	cps
Molybdenum	97-1	1923	1913	1974	1937	1.66	cps
Molybdenum	98-1	4848	4794	4774	4805	0.79	cps
Neodymium	150-1	323	290	303	306	5.49	cps
Neodymium	150-2	77	67	73	72	7.05	cps
Nickel	60-2	767	657	713	712	7.72	cps
Phosphorus	31-2	147	87	107	113	26.96	cps
Potassium	39-2	568699	561432	558594	562908	0.93	cps
Rhodium	103-1	13848901	13999196	13903264	13917120	0.55	cps
Rhodium	103-2	5693400	5750669	5607111	5683727	1.27	cps
Scandium	45-1	11188921	11147883	11019732	11118845	0.79	cps
Scandium	45-2	223118	221066	222076	222087	0.46	cps
Selenium	82-1	30	80	113	74	56.34	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	7	10	10	9	21.63	cps
Silicon	28-1	82371377	82534159	82075294	82326943	0.28	cps
Silver	107-1	793	747	613	718	13.01	cps
Silver	109-1	577	440	437	484	16.49	cps
Sodium	23-2	16920482	16536877	16925226	16794195	1.33	cps
Strontium	86-1	78065329	77585579	78677424	78109444	0.70	cps
Strontium	88-1	664228417	674460937	680102630	672930661	1.20	cps
Sulfur	34-1	32700710	32903475	32707637	32770607	0.35	cps
Terbium	159-1	19474668	19383788	19034938	19297798	1.20	cps
Terbium	159-2	6984218	6943341	6964783	6964114	0.29	cps
Thallium	203-1	490	490	453	478	4.43	cps
Thallium	205-1	1290	1200	1137	1209	6.37	cps
Tin	118-1	12643	12412	13026	12694	2.44	cps
Titanium	47-1	1647	1807	1827	1760	5.61	cps
Uranium	238-1	11132	10858	10928	10973	1.30	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-01 Instrumnet Name : P8
Client Sample ID : ME2948 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:48:59 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	343	340	363	349	3.62	cps
Ytterbium	172-1	237	203	203	214	8.97	cps
Ytterbium	172-2	63	100	117	93	29.24	cps
Ytterbium	176-1	1747	2064	1873	1895	8.41	cps
Ytterbium	176-2	307	327	300	311	4.46	cps
Yttrium	89-1	26874901	27453738	27049205	27125948	1.09	cps
Yttrium	89-2	2055193	2092624	2029857	2059225	1.53	cps
Zinc	66-2	737	657	723	706	6.07	cps
Zirconium	90-1	3584	3357	3234	3392	5.24	cps
Zirconium	91-1	833	743	663	747	11.39	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	523	473	497	498	5.03	cps
Antimony	121-1	90	123	110	108	15.57	cps
Arsenic	75-2	27	20	13	20	33.35	cps
Barium	135-1	33575	33979	34350	33968	1.14	cps
Barium	137-1	59460	60274	60675	60136	1.03	cps
Beryllium	9-1	451	417	461	443	5.17	cps
Bismuth	209-1	10984404	10257383	11344865	10862217	5.10	cps
Bismuth	209-2	4815334	4960863	4858719	4878306	1.53	cps
Bromine	81-1	125910	156551	172912	151791	15.72	cps
Cadmium	108-1	17	27	33	26	32.81	cps
Cadmium	106-1	7435	7025	7532	7331	3.67	cps
Cadmium	111-1	5233	4929	5286	5149	3.74	cps
Calcium	43-1	20483136	20303502	20206702	20331113	0.69	cps
Calcium	44-1	325659608	329150735	326440842	327083728	0.56	cps
Carbon	12-1	9726294	10453586	10830430	10336770	5.43	cps
Carbon	12-2	73727	73422	73931	73693	0.35	cps
Chlorine	35-1	19653239	21770171	22599989	21341133	7.12	cps
Chlorine	35-2	97740	99069	100767	99192	1.53	cps
Chromium	52-2	1530	1727	1777	1678	7.77	cps
Cobalt	59-2	393	410	407	403	2.19	cps
Copper	63-2	5368	5561	5635	5521	2.50	cps
Dysprosium	156-1	20	23	27	23	14.29	cps
Dysprosium	156-2	23	7	7	12	78.69	cps
Erbium	164-1	123	137	80	113	26.14	cps
Erbium	164-2	43	47	40	43	7.70	cps
Gadolinium	160-1	163	137	110	137	19.51	cps
Gadolinium	160-2	33	7	20	20	66.65	cps
Holmium	165-1	18031290	17412389	18916480	18120053	4.17	cps
Holmium	165-2	6963575	7129561	7006983	7033373	1.22	cps
Indium	115-1	14471368	13736966	14909671	14372668	4.12	cps
Indium	115-2	1480660	1583820	1483929	1516136	3.87	cps
Iron	54-2	4974	4311	4461	4582	7.59	cps
Iron	56-2	78809	80814	79956	79860	1.26	cps
Iron	57-2	2530	2740	2637	2636	3.98	cps
Krypton	83-1	323	287	297	302	6.27	cps
Lead	206-1	2344	2270	2504	2372	5.03	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1974	1837	1870	1893	3.76	cps
Lead	208-1	9245	8544	9025	8938	4.01	cps
Lithium	6-1	8533961	8137563	8522171	8397898	2.69	cps
Magnesium	24-2	30858075	30135922	30394406	30462801	1.20	cps
Manganese	55-2	12682	12609	12969	12754	1.49	cps
Molybdenum	94-1	837	813	867	839	3.19	cps
Molybdenum	95-1	377	377	387	380	1.52	cps
Molybdenum	96-1	510	407	480	466	11.42	cps
Molybdenum	97-1	193	227	203	208	8.23	cps
Molybdenum	98-1	460	510	557	509	9.50	cps
Neodymium	150-1	37	40	30	36	14.32	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	857	753	900	837	9.01	cps
Phosphorus	31-2	117	123	107	116	7.26	cps
Potassium	39-2	658358	659628	659397	659128	0.10	cps
Rhodium	103-1	13064168	12735043	13712441	13170551	3.78	cps
Rhodium	103-2	5441097	5630827	5456815	5509580	1.91	cps
Scandium	45-1	10689411	10155671	11083534	10642872	4.38	cps
Scandium	45-2	214507	218034	217487	216676	0.88	cps
Selenium	82-1	50	107	170	109	55.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	20	3	13	12	68.66	cps
Silicon	28-1	92715532	94303445	92937772	93318916	0.92	cps
Silver	107-1	697	683	683	688	1.12	cps
Silver	109-1	427	410	523	453	13.50	cps
Sodium	23-2	64888739	63816136	64469472	64391449	0.84	cps
Strontium	86-1	80297955	80248672	80583327	80376652	0.22	cps
Strontium	88-1	678042390	681476897	682714083	680744457	0.36	cps
Sulfur	34-1	27856648	28219558	27674691	27916966	0.99	cps
Terbium	159-1	18892779	17903127	19210079	18668662	3.65	cps
Terbium	159-2	6710216	6739669	6600633	6683506	1.10	cps
Thallium	203-1	453	363	310	376	19.29	cps
Thallium	205-1	913	1033	980	976	6.16	cps
Tin	118-1	7302	7802	7495	7533	3.35	cps
Titanium	47-1	2594	2747	2567	2636	3.69	cps
Uranium	238-1	850	907	997	918	8.06	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-02 Instrumnet Name : P8
Client Sample ID : ME2949 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:52:13 DataFile Name : 031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	130	117	157	134	15.15	cps
Ytterbium	172-1	80	93	90	88	7.90	cps
Ytterbium	172-2	27	37	30	31	16.37	cps
Ytterbium	176-1	1790	1613	1890	1765	7.94	cps
Ytterbium	176-2	283	297	260	280	6.63	cps
Yttrium	89-1	25980760	24847527	26727865	25852051	3.66	cps
Yttrium	89-2	1995050	2042909	1977404	2005121	1.69	cps
Zinc	66-2	773	870	787	810	6.47	cps
Zirconium	90-1	1877	1840	2034	1917	5.36	cps
Zirconium	91-1	400	410	410	407	1.42	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	119883	118968	120241	119697	0.55	cps
Antimony	121-1	5044	4888	4934	4955	1.62	cps
Arsenic	75-2	100	77	107	94	16.68	cps
Barium	135-1	58643	60849	60079	59857	1.87	cps
Barium	137-1	102220	105403	107315	104979	2.45	cps
Beryllium	9-1	450	431	456	446	2.92	cps
Bismuth	209-1	11497410	11509020	11526747	11511059	0.13	cps
Bismuth	209-2	5240706	5266331	5109231	5205423	1.62	cps
Bromine	81-1	134357	150613	164468	149813	10.06	cps
Cadmium	108-1	23	40	20	28	38.58	cps
Cadmium	106-1	7626	7382	7922	7643	3.54	cps
Cadmium	111-1	5382	5206	5595	5394	3.61	cps
Calcium	43-1	15522474	15594621	16103739	15740278	2.01	cps
Calcium	44-1	247459310	249814156	253759463	250344310	1.27	cps
Carbon	12-1	9638216	10335418	10666827	10213487	5.14	cps
Carbon	12-2	71292	71693	72601	71862	0.93	cps
Chlorine	35-1	6419174	6672249	6776469	6622631	2.77	cps
Chlorine	35-2	28258	28117	27980	28119	0.49	cps
Chromium	52-2	2067	2114	1967	2049	3.66	cps
Cobalt	59-2	520	587	533	547	6.45	cps
Copper	63-2	16046	16012	16660	16239	2.24	cps
Dysprosium	156-1	40	103	107	83	45.08	cps
Dysprosium	156-2	27	30	43	33	26.45	cps
Erbium	164-1	157	153	137	149	7.20	cps
Erbium	164-2	63	43	67	58	21.85	cps
Gadolinium	160-1	177	163	217	186	14.96	cps
Gadolinium	160-2	57	43	63	54	18.71	cps
Holmium	165-1	18900685	19579221	19277649	19252518	1.77	cps
Holmium	165-2	7478323	7447402	7284851	7403525	1.40	cps
Indium	115-1	15064203	15149165	15322352	15178573	0.87	cps
Indium	115-2	1657927	1675331	1618105	1650454	1.78	cps
Iron	54-2	108156	109643	110839	109546	1.23	cps
Iron	56-2	2105779	2117282	2086692	2103251	0.73	cps
Iron	57-2	50807	50680	51944	51143	1.36	cps
Krypton	83-1	273	303	263	280	7.43	cps
Lead	206-1	7549	7659	7252	7487	2.81	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6235	6305	6805	6448	4.82	cps
Lead	208-1	29046	29076	29900	29341	1.65	cps
Lithium	6-1	8469482	8964466	8687646	8707198	2.85	cps
Magnesium	24-2	20794708	20483311	20928117	20735379	1.10	cps
Manganese	55-2	96829	94523	95584	95645	1.21	cps
Molybdenum	94-1	5975	5831	6098	5968	2.24	cps
Molybdenum	95-1	8243	8733	8726	8567	3.28	cps
Molybdenum	96-1	9166	9663	9617	9482	2.89	cps
Molybdenum	97-1	5128	5398	5638	5388	4.74	cps
Molybdenum	98-1	13877	14047	14054	13993	0.72	cps
Neodymium	150-1	100	77	73	83	17.44	cps
Neodymium	150-2	20	17	27	21	24.12	cps
Nickel	60-2	1227	1220	1373	1273	6.81	cps
Phosphorus	31-2	187	117	140	148	24.12	cps
Potassium	39-2	627720	622361	631410	627164	0.73	cps
Rhodium	103-1	13853351	14237046	13963742	14018046	1.41	cps
Rhodium	103-2	6041111	5907249	5866660	5938340	1.54	cps
Scandium	45-1	11009712	11213972	11128669	11117451	0.92	cps
Scandium	45-2	230323	231201	224661	228728	1.55	cps
Selenium	82-1	77	70	167	104	51.69	cps
Selenium	77-2	0	10	3	4	114.60	cps
Selenium	78-2	13	7	10	10	33.30	cps
Silicon	28-1	90327949	92645875	92409562	91794462	1.39	cps
Silver	107-1	1757	1703	1777	1746	2.17	cps
Silver	109-1	1293	1383	1363	1347	3.51	cps
Sodium	23-2	16338285	16639583	16565942	16514603	0.95	cps
Strontium	86-1	78712070	81358182	83140359	81070204	2.75	cps
Strontium	88-1	693201203	705609616	721699456	706836758	2.02	cps
Sulfur	34-1	21007613	21433635	21393714	21278321	1.11	cps
Terbium	159-1	19521631	19754525	19734325	19670160	0.66	cps
Terbium	159-2	7225026	7190883	6958798	7124902	2.03	cps
Thallium	203-1	430	457	343	410	14.45	cps
Thallium	205-1	953	940	810	901	8.79	cps
Tin	118-1	9940	10588	10788	10439	4.24	cps
Titanium	47-1	2540	2757	2900	2733	6.63	cps
Uranium	238-1	41715	43006	42698	42473	1.59	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-03 Instrumnet Name : P8
Client Sample ID : ME2955 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:55:28 DataFile Name : 032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	700	677	677	684	1.97	cps
Ytterbium	172-1	103	127	127	119	11.33	cps
Ytterbium	172-2	77	60	77	71	13.53	cps
Ytterbium	176-1	1980	1840	1803	1875	4.97	cps
Ytterbium	176-2	317	347	313	326	5.64	cps
Yttrium	89-1	26910361	27307144	27274842	27164116	0.81	cps
Yttrium	89-2	2188947	2139098	2083492	2137179	2.47	cps
Zinc	66-2	44975	46138	45784	45632	1.31	cps
Zirconium	90-1	2664	2954	3047	2888	6.92	cps
Zirconium	91-1	563	523	730	606	18.10	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	483	380	430	12.03	cps
Antimony	121-1	230	217	247	231	6.50	cps
Arsenic	75-2	80	103	107	97	15.03	cps
Barium	135-1	63012	65108	64503	64208	1.68	cps
Barium	137-1	107990	112798	111777	110855	2.29	cps
Beryllium	9-1	400	437	482	440	9.39	cps
Bismuth	209-1	11508043	12041298	11780436	11776592	2.26	cps
Bismuth	209-2	5147984	5192788	5201106	5180626	0.55	cps
Bromine	81-1	133618	158893	171302	154604	12.42	cps
Cadmium	108-1	23	33	30	29	17.63	cps
Cadmium	106-1	7455	8099	7719	7758	4.17	cps
Cadmium	111-1	5229	5666	5416	5437	4.03	cps
Calcium	43-1	16073916	16581526	16356552	16337331	1.56	cps
Calcium	44-1	262613936	263761863	262786023	263053941	0.24	cps
Carbon	12-1	9587627	10073710	10442651	10034663	4.27	cps
Carbon	12-2	70575	71858	70535	70989	1.06	cps
Chlorine	35-1	5667892	6234124	6222819	6041612	5.36	cps
Chlorine	35-2	26481	25743	26488	26237	1.63	cps
Chromium	52-2	2937	2807	2857	2867	2.29	cps
Cobalt	59-2	867	803	780	817	5.49	cps
Copper	63-2	5041	5504	5351	5299	4.46	cps
Dysprosium	156-1	53	87	47	62	34.44	cps
Dysprosium	156-2	10	10	30	17	69.28	cps
Erbium	164-1	163	180	163	169	5.70	cps
Erbium	164-2	30	67	60	52	37.40	cps
Gadolinium	160-1	203	143	137	161	22.79	cps
Gadolinium	160-2	47	30	53	43	27.73	cps
Holmium	165-1	19383548	20284386	19641353	19769762	2.35	cps
Holmium	165-2	7374790	7403033	7194581	7324134	1.54	cps
Indium	115-1	15025781	16104330	15471443	15533851	3.49	cps
Indium	115-2	1656477	1683027	1656169	1665225	0.93	cps
Iron	54-2	97131	98214	95792	97046	1.25	cps
Iron	56-2	1856296	1867964	1783438	1835900	2.50	cps
Iron	57-2	44760	44653	44262	44558	0.59	cps
Krypton	83-1	327	330	330	329	0.59	cps
Lead	206-1	2760	2787	2614	2720	3.43	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2317	2350	2370	2346	1.15	cps
Lead	208-1	10458	10698	10635	10597	1.17	cps
Lithium	6-1	8985521	9314300	8983361	9094394	2.09	cps
Magnesium	24-2	21060697	21163149	20535256	20919701	1.61	cps
Manganese	55-2	105248	104465	102582	104098	1.32	cps
Molybdenum	94-1	5718	5778	5781	5759	0.62	cps
Molybdenum	95-1	8609	9403	9350	9121	4.87	cps
Molybdenum	96-1	9603	9800	10114	9839	2.62	cps
Molybdenum	97-1	5321	5905	5681	5636	5.22	cps
Molybdenum	98-1	14337	14855	14735	14642	1.85	cps
Neodymium	150-1	57	80	63	67	18.03	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	1637	1413	1490	1513	7.50	cps
Phosphorus	31-2	100	103	120	108	9.94	cps
Potassium	39-2	637399	631154	627776	632110	0.77	cps
Rhodium	103-1	14284734	14838344	14500477	14541185	1.92	cps
Rhodium	103-2	5946298	5958602	5977436	5960779	0.26	cps
Scandium	45-1	10956576	11864650	11389855	11403694	3.98	cps
Scandium	45-2	228421	231965	230480	230289	0.77	cps
Selenium	82-1	60	13	33	36	65.87	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	10	7	8	24.71	cps
Silicon	28-1	94684519	97068812	94522492	95425274	1.49	cps
Silver	107-1	563	553	623	580	6.53	cps
Silver	109-1	330	307	307	314	4.29	cps
Sodium	23-2	17136335	16899601	16611906	16882614	1.56	cps
Strontium	86-1	82337987	85721495	84634077	84231187	2.05	cps
Strontium	88-1	705678229	735343269	724033163	721684887	2.07	cps
Sulfur	34-1	21542676	22571123	22052080	22055293	2.33	cps
Terbium	159-1	19483662	20441727	20104427	20009938	2.43	cps
Terbium	159-2	7124202	7011645	7144622	7093490	1.01	cps
Thallium	203-1	380	367	403	383	4.84	cps
Thallium	205-1	850	913	907	890	3.91	cps
Tin	118-1	8950	9173	8950	9024	1.43	cps
Titanium	47-1	1743	1850	1920	1838	4.84	cps
Uranium	238-1	43176	44969	45347	44498	2.61	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-04 Instrumnet Name : P8
Client Sample ID : ME2956 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 13:58:43 DataFile Name : 033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	87	100	127	104	19.50	cps
Ytterbium	172-1	157	160	127	148	12.42	cps
Ytterbium	172-2	30	70	70	57	40.75	cps
Ytterbium	176-1	1790	1977	1957	1908	5.37	cps
Ytterbium	176-2	287	373	353	338	13.43	cps
Yttrium	89-1	27362686	29085396	28229610	28225897	3.05	cps
Yttrium	89-2	2153141	2131134	2114837	2133037	0.90	cps
Zinc	66-2	757	773	710	747	4.40	cps
Zirconium	90-1	1820	1960	1903	1895	3.72	cps
Zirconium	91-1	360	413	363	379	7.88	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1020	967	1070	1019	5.07	cps
Antimony	121-1	530	587	597	571	6.30	cps
Arsenic	75-2	150	110	140	133	15.61	cps
Barium	135-1	178412	179190	183921	180508	1.65	cps
Barium	137-1	310422	314799	319335	314852	1.42	cps
Beryllium	9-1	441	495	460	465	5.86	cps
Bismuth	209-1	11292016	10993296	10589719	10958344	3.22	cps
Bismuth	209-2	4978505	5012901	4984951	4992119	0.37	cps
Bromine	81-1	168063	196416	213583	192688	11.93	cps
Cadmium	108-1	83	67	67	72	13.32	cps
Cadmium	106-1	7976	7846	7355	7726	4.23	cps
Cadmium	111-1	5598	5549	5182	5443	4.17	cps
Calcium	43-1	26933713	27298275	27957231	27396407	1.89	cps
Calcium	44-1	435301767	436590820	447116273	439669620	1.47	cps
Carbon	12-1	9798828	10408902	10829579	10345770	5.01	cps
Carbon	12-2	73057	73429	74189	73558	0.78	cps
Chlorine	35-1	33783871	37277539	39333788	36798399	7.62	cps
Chlorine	35-2	170005	171985	171800	171263	0.64	cps
Chromium	52-2	2807	2557	2737	2700	4.78	cps
Cobalt	59-2	7369	7435	7399	7401	0.45	cps
Copper	63-2	6908	6842	7462	7071	4.82	cps
Dysprosium	156-1	67	53	57	59	11.79	cps
Dysprosium	156-2	10	20	27	19	44.42	cps
Erbium	164-1	150	133	167	150	11.11	cps
Erbium	164-2	57	47	50	51	9.96	cps
Gadolinium	160-1	140	207	173	173	19.23	cps
Gadolinium	160-2	33	53	37	41	26.06	cps
Holmium	165-1	19039955	19241046	18282372	18854458	2.68	cps
Holmium	165-2	7335150	7373349	7206199	7304899	1.20	cps
Indium	115-1	15227355	15265529	14605958	15032947	2.46	cps
Indium	115-2	1620607	1622794	1624700	1622700	0.13	cps
Iron	54-2	139729	140109	140779	140206	0.38	cps
Iron	56-2	2703222	2701677	2628404	2677767	1.60	cps
Iron	57-2	65536	64920	66337	65598	1.08	cps
Krypton	83-1	277	307	383	322	17.07	cps
Lead	206-1	2924	3014	2907	2948	1.95	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2297	2564	2587	2482	6.49	cps
Lead	208-1	11302	11562	11769	11544	2.03	cps
Lithium	6-1	8834809	8982057	8615206	8810691	2.10	cps
Magnesium	24-2	27407382	27965641	27211668	27528230	1.42	cps
Manganese	55-2	43205	43653	43329	43396	0.53	cps
Molybdenum	94-1	59527	61455	62704	61229	2.61	cps
Molybdenum	95-1	99909	101994	102354	101419	1.30	cps
Molybdenum	96-1	108684	108956	111348	109663	1.34	cps
Molybdenum	97-1	63789	64231	63896	63972	0.36	cps
Molybdenum	98-1	160952	161629	167586	163389	2.23	cps
Neodymium	150-1	60	77	97	78	23.61	cps
Neodymium	150-2	10	30	20	20	50.00	cps
Nickel	60-2	9126	9403	9340	9290	1.56	cps
Phosphorus	31-2	123	107	107	112	8.58	cps
Potassium	39-2	941574	952410	949605	947863	0.59	cps
Rhodium	103-1	13526850	13748416	13384916	13553394	1.35	cps
Rhodium	103-2	5724503	5797681	5707717	5743300	0.83	cps
Scandium	45-1	11284679	11083379	10714477	11027512	2.62	cps
Scandium	45-2	231025	230397	225355	228926	1.36	cps
Selenium	82-1	163	190	100	151	30.59	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	3	10	13	9	57.30	cps
Silicon	28-1	95487445	97111295	97358255	96652332	1.05	cps
Silver	107-1	753	897	933	861	11.05	cps
Silver	109-1	417	533	667	539	23.21	cps
Sodium	23-2	99358899	100409765	99328312	99698992	0.62	cps
Strontium	86-1	78778374	79855604	80566402	79733460	1.13	cps
Strontium	88-1	675057350	686979776	695805750	685947625	1.52	cps
Sulfur	34-1	29788503	30250264	30579175	30205981	1.31	cps
Terbium	159-1	19988796	19497008	19103424	19529743	2.27	cps
Terbium	159-2	6954418	7022923	6936954	6971431	0.65	cps
Thallium	203-1	553	570	603	576	4.42	cps
Thallium	205-1	1327	1330	1267	1308	2.73	cps
Tin	118-1	11668	11468	11678	11605	1.02	cps
Titanium	47-1	2137	2114	2170	2140	1.33	cps
Uranium	238-1	3854	3817	3981	3884	2.21	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-05 Instrumnet Name : P8
Client Sample ID : ME2957 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:01:56 DataFile Name : 034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	800	700	713	738	7.36	cps
Ytterbium	172-1	120	143	107	123	15.05	cps
Ytterbium	172-2	57	27	57	47	37.11	cps
Ytterbium	176-1	1984	1933	1800	1906	4.97	cps
Ytterbium	176-2	277	270	290	279	3.65	cps
Yttrium	89-1	27530004	27441994	26031005	27001001	3.12	cps
Yttrium	89-2	2120330	2153211	2101610	2125051	1.23	cps
Zinc	66-2	883	787	823	831	5.87	cps
Zirconium	90-1	5494	5344	5798	5546	4.17	cps
Zirconium	91-1	1177	1123	1257	1186	5.66	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537	570	653	587	10.24	cps
Antimony	121-1	210	237	240	229	7.19	cps
Arsenic	75-2	1863	1707	1700	1757	5.26	cps
Barium	135-1	203669	204065	206434	204722	0.73	cps
Barium	137-1	354859	358079	354554	355831	0.55	cps
Beryllium	9-1	424	431	394	416	4.77	cps
Bismuth	209-1	11453884	11600410	11481657	11511984	0.68	cps
Bismuth	209-2	4936954	4944720	4754465	4878713	2.21	cps
Bromine	81-1	171739	190681	201296	187906	7.97	cps
Cadmium	108-1	53	23	37	38	39.79	cps
Cadmium	106-1	8426	8343	7986	8251	2.83	cps
Cadmium	111-1	5891	5883	5641	5805	2.45	cps
Calcium	43-1	24024487	23693829	23715646	23811321	0.78	cps
Calcium	44-1	383556114	379233008	379387368	380725497	0.64	cps
Carbon	12-1	14005492	14584386	14717826	14435902	2.62	cps
Carbon	12-2	100024	101363	100464	100617	0.68	cps
Chlorine	35-1	7902030	8044034	7942119	7962728	0.92	cps
Chlorine	35-2	32727	32777	31995	32500	1.35	cps
Chromium	52-2	6251	6278	6255	6261	0.23	cps
Cobalt	59-2	1003	1033	1010	1016	1.55	cps
Copper	63-2	5111	5054	5284	5150	2.33	cps
Dysprosium	156-1	347	303	317	322	6.89	cps
Dysprosium	156-2	93	97	113	101	10.60	cps
Erbium	164-1	327	367	313	336	8.27	cps
Erbium	164-2	120	130	73	108	28.07	cps
Gadolinium	160-1	340	370	353	354	4.24	cps
Gadolinium	160-2	157	127	107	130	19.36	cps
Holmium	165-1	19151474	19942226	19456810	19516837	2.04	cps
Holmium	165-2	7089274	7075827	6833184	6999428	2.06	cps
Indium	115-1	15288214	15719264	15133989	15380489	1.97	cps
Indium	115-2	1594670	1578756	1468518	1547315	4.44	cps
Iron	54-2	837963	852817	840076	843619	0.95	cps
Iron	56-2	15915137	15984187	16129155	16009493	0.68	cps
Iron	57-2	389608	391412	388768	389929	0.35	cps
Krypton	83-1	330	330	310	323	3.57	cps
Lead	206-1	3417	3270	3370	3353	2.24	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2927	3260	2740	2976	8.85	cps
Lead	208-1	13770	13826	13250	13615	2.34	cps
Lithium	6-1	8936505	9293694	8935806	9055335	2.28	cps
Magnesium	24-2	31463958	31592842	31069033	31375278	0.87	cps
Manganese	55-2	767388	769605	769905	768966	0.18	cps
Molybdenum	94-1	14875	14074	14114	14354	3.14	cps
Molybdenum	95-1	22251	22471	22078	22267	0.89	cps
Molybdenum	96-1	23417	23867	24108	23797	1.47	cps
Molybdenum	97-1	13910	13870	14197	13993	1.27	cps
Molybdenum	98-1	34941	35251	35181	35124	0.46	cps
Neodymium	150-1	463	390	387	413	10.48	cps
Neodymium	150-2	103	113	90	102	11.45	cps
Nickel	60-2	2080	2050	2090	2074	1.00	cps
Phosphorus	31-2	177	190	153	173	10.71	cps
Potassium	39-2	2400848	2390286	2361195	2384109	0.86	cps
Rhodium	103-1	14124256	14477624	14222274	14274718	1.28	cps
Rhodium	103-2	5720162	5662140	5481738	5621347	2.21	cps
Scandium	45-1	11407048	11565458	11585359	11519288	0.85	cps
Scandium	45-2	222710	221192	214098	219333	2.10	cps
Selenium	82-1	90	213	93	132	53.14	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	3	0	7	3	100.05	cps
Silicon	28-1	102931185	102440535	101656108	102342610	0.63	cps
Silver	107-1	590	647	667	634	6.27	cps
Silver	109-1	377	400	327	368	10.19	cps
Sodium	23-2	47043948	46712304	46150856	46635703	0.97	cps
Strontium	86-1	64915496	65433892	65066991	65138793	0.41	cps
Strontium	88-1	558085418	563248592	556923538	559419183	0.60	cps
Sulfur	34-1	39679428	38802644	39350538	39277537	1.13	cps
Terbium	159-1	19964390	20494511	20086385	20181762	1.38	cps
Terbium	159-2	6877537	6816988	6625342	6773289	1.94	cps
Thallium	203-1	457	390	380	409	10.19	cps
Thallium	205-1	933	837	843	871	6.20	cps
Tin	118-1	8356	8833	8566	8585	2.78	cps
Titanium	47-1	2254	2044	2057	2118	5.55	cps
Uranium	238-1	26591	26554	26478	26541	0.22	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-06 Instrumnet Name : P8
Client Sample ID : ME2960 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:05:12 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	633	580	620	611	4.54	cps
Ytterbium	172-1	210	213	270	231	14.59	cps
Ytterbium	172-2	113	83	67	88	26.94	cps
Ytterbium	176-1	1904	1924	1890	1906	0.88	cps
Ytterbium	176-2	350	307	343	333	7.00	cps
Yttrium	89-1	27512784	28697857	27826656	28012432	2.19	cps
Yttrium	89-2	2108562	2044107	1963205	2038625	3.57	cps
Zinc	66-2	713	730	730	724	1.33	cps
Zirconium	90-1	3957	4147	4091	4065	2.40	cps
Zirconium	91-1	930	900	897	909	2.02	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1883	2054	1777	1905	7.33	cps
Antimony	121-1	390	400	470	420	10.38	cps
Arsenic	75-2	40	30	23	31	26.97	cps
Barium	135-1	43443	44051	43590	43695	0.73	cps
Barium	137-1	76334	75972	76780	76362	0.53	cps
Beryllium	9-1	424	424	360	402	9.14	cps
Bismuth	209-1	11420111	11540604	10912225	11290980	2.95	cps
Bismuth	209-2	4605428	5010280	4989070	4868259	4.68	cps
Bromine	81-1	119838	137573	146189	134534	9.99	cps
Cadmium	108-1	23	30	57	37	48.11	cps
Cadmium	106-1	8072	8186	7896	8051	1.82	cps
Cadmium	111-1	5684	5746	5551	5660	1.76	cps
Calcium	43-1	21980765	22033064	22572381	22195403	1.48	cps
Calcium	44-1	361590421	352107781	359769861	357822688	1.41	cps
Carbon	12-1	9685022	10354977	10804694	10281564	5.48	cps
Carbon	12-2	72156	72460	73891	72836	1.27	cps
Chlorine	35-1	5370430	5507420	5751743	5543198	3.48	cps
Chlorine	35-2	23643	24144	23850	23879	1.05	cps
Chromium	52-2	2604	2790	2810	2735	4.17	cps
Cobalt	59-2	420	433	440	431	2.36	cps
Copper	63-2	4994	5001	5108	5034	1.26	cps
Dysprosium	156-1	250	183	227	220	15.38	cps
Dysprosium	156-2	67	83	80	77	11.50	cps
Erbium	164-1	313	307	257	292	10.60	cps
Erbium	164-2	87	113	100	100	13.33	cps
Gadolinium	160-1	290	337	327	318	7.73	cps
Gadolinium	160-2	87	103	103	98	9.84	cps
Holmium	165-1	19295868	19403658	18691055	19130194	2.01	cps
Holmium	165-2	6644312	7045441	7101835	6930529	3.60	cps
Indium	115-1	15394770	15326438	14711260	15144156	2.49	cps
Indium	115-2	1417127	1576420	1572419	1521989	5.97	cps
Iron	54-2	464239	467362	460171	463924	0.78	cps
Iron	56-2	8889437	8745378	8791820	8808878	0.83	cps
Iron	57-2	214713	213810	212044	213522	0.64	cps
Krypton	83-1	310	380	303	331	12.83	cps
Lead	206-1	2784	2634	2520	2646	4.99	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2317	2287	2197	2267	2.76	cps
Lead	208-1	10912	10522	10382	10605	2.59	cps
Lithium	6-1	8949891	8882250	8654019	8828720	1.76	cps
Magnesium	24-2	28233897	28128524	28084736	28149052	0.27	cps
Manganese	55-2	136676	132949	135284	134970	1.40	cps
Molybdenum	94-1	6008	6108	6158	6091	1.25	cps
Molybdenum	95-1	8493	8213	8529	8412	2.06	cps
Molybdenum	96-1	9400	9073	9053	9175	2.12	cps
Molybdenum	97-1	5464	5181	5191	5279	3.05	cps
Molybdenum	98-1	13367	13347	13914	13542	2.38	cps
Neodymium	150-1	273	327	283	294	9.63	cps
Neodymium	150-2	77	77	43	66	29.36	cps
Nickel	60-2	1297	1240	1283	1273	2.33	cps
Phosphorus	31-2	160	133	113	136	17.27	cps
Potassium	39-2	601883	601381	598076	600447	0.34	cps
Rhodium	103-1	14345074	14092556	13682428	14040019	2.38	cps
Rhodium	103-2	5277148	5660600	5689497	5542415	4.15	cps
Scandium	45-1	11251235	11350222	10797577	11133011	2.65	cps
Scandium	45-2	203807	221156	223539	216167	4.98	cps
Selenium	82-1	113	87	183	128	39.07	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	10	13	17	13	25.01	cps
Silicon	28-1	89210825	91137832	89180009	89842889	1.25	cps
Silver	107-1	503	510	523	512	1.99	cps
Silver	109-1	273	313	373	320	15.73	cps
Sodium	23-2	20203790	20030931	19744261	19992994	1.16	cps
Strontium	86-1	69778334	69102497	70785074	69888635	1.21	cps
Strontium	88-1	598901191	592488285	607447218	599612231	1.25	cps
Sulfur	34-1	32965025	33045159	33214188	33074790	0.38	cps
Terbium	159-1	19784679	19768324	19177242	19576748	1.77	cps
Terbium	159-2	6308692	6869562	6884654	6687636	4.91	cps
Thallium	203-1	393	427	407	409	4.10	cps
Thallium	205-1	917	883	933	911	2.79	cps
Tin	118-1	9380	8810	9297	9162	3.36	cps
Titanium	47-1	2964	3024	3200	3063	4.02	cps
Uranium	238-1	18116	17773	17379	17756	2.08	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-07 Instrumnet Name : P8
Client Sample ID : ME2961 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:08:26 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	433	490	383	436	12.25	cps
Ytterbium	172-1	123	223	160	169	29.95	cps
Ytterbium	172-2	57	80	60	66	19.25	cps
Ytterbium	176-1	1997	2030	1897	1975	3.51	cps
Ytterbium	176-2	307	353	303	321	8.71	cps
Yttrium	89-1	27695887	27863332	26793358	27450859	2.10	cps
Yttrium	89-2	1900596	2069892	2061003	2010497	4.74	cps
Zinc	66-2	663	750	647	687	8.08	cps
Zirconium	90-1	3014	3167	3187	3123	3.04	cps
Zirconium	91-1	650	607	600	619	4.39	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710	730	793	744	5.84	cps
Antimony	121-1	393	417	423	411	3.83	cps
Arsenic	75-2	47	57	40	48	17.56	cps
Barium	135-1	61586	62678	63907	62723	1.85	cps
Barium	137-1	107795	109317	110463	109192	1.23	cps
Beryllium	9-1	435	441	449	442	1.56	cps
Bismuth	209-1	10321626	11958038	11325007	11201557	7.37	cps
Bismuth	209-2	5052147	5059972	5210429	5107516	1.75	cps
Bromine	81-1	109532	126602	137227	124453	11.23	cps
Cadmium	108-1	37	27	43	36	23.58	cps
Cadmium	106-1	7352	8643	7929	7975	8.11	cps
Cadmium	111-1	5147	6055	5550	5584	8.14	cps
Calcium	43-1	20250046	20677128	20871595	20599590	1.54	cps
Calcium	44-1	327146308	336833102	334011015	332663475	1.50	cps
Carbon	12-1	10303033	10924315	11420177	10882509	5.14	cps
Carbon	12-2	74919	76775	76018	75904	1.23	cps
Chlorine	35-1	5267512	5836310	5986102	5696641	6.65	cps
Chlorine	35-2	25342	25633	26120	25698	1.53	cps
Chromium	52-2	4321	4444	4424	4396	1.51	cps
Cobalt	59-2	480	553	440	491	11.70	cps
Copper	63-2	84569	85415	84747	84910	0.52	cps
Dysprosium	156-1	147	117	157	140	14.87	cps
Dysprosium	156-2	50	43	63	52	19.50	cps
Erbium	164-1	207	157	190	184	13.80	cps
Erbium	164-2	60	100	93	84	25.38	cps
Gadolinium	160-1	227	267	227	240	9.62	cps
Gadolinium	160-2	53	70	83	69	21.82	cps
Holmium	165-1	17353453	20530051	19444616	19109373	8.45	cps
Holmium	165-2	7207603	7185326	7319560	7237496	0.99	cps
Indium	115-1	13740483	15989628	15367136	15032416	7.73	cps
Indium	115-2	1612299	1630093	1644130	1628841	0.98	cps
Iron	54-2	252198	250825	253476	252166	0.53	cps
Iron	56-2	4744922	4785724	4790790	4773812	0.53	cps
Iron	57-2	115352	114404	117321	115692	1.29	cps
Krypton	83-1	313	323	303	313	3.19	cps
Lead	206-1	2790	2457	2577	2608	6.48	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2157	2204	2294	2218	3.13	cps
Lead	208-1	10382	10048	10258	10229	1.65	cps
Lithium	6-1	8083298	9402494	8883690	8789827	7.56	cps
Magnesium	24-2	25061122	25067699	25261883	25130235	0.45	cps
Manganese	55-2	75012	74781	76024	75272	0.88	cps
Molybdenum	94-1	3667	3741	3927	3778	3.55	cps
Molybdenum	95-1	4984	5168	4864	5005	3.05	cps
Molybdenum	96-1	5238	5338	5655	5410	4.02	cps
Molybdenum	97-1	3114	3114	3210	3146	1.77	cps
Molybdenum	98-1	7739	8122	8132	7998	2.81	cps
Neodymium	150-1	113	150	173	146	20.78	cps
Neodymium	150-2	47	40	30	39	21.57	cps
Nickel	60-2	5181	5058	5141	5127	1.23	cps
Phosphorus	31-2	160	147	107	138	20.14	cps
Potassium	39-2	971811	969687	987282	976260	0.98	cps
Rhodium	103-1	12523957	14754107	13890421	13722828	8.19	cps
Rhodium	103-2	5831812	5856421	5915406	5867880	0.73	cps
Scandium	45-1	10082761	11708710	11177847	10989773	7.54	cps
Scandium	45-2	229067	227666	230926	229220	0.71	cps
Selenium	82-1	77	67	177	107	57.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	13	13	14	13.35	cps
Silicon	28-1	77420187	78730399	79026445	78392344	1.09	cps
Silver	107-1	533	493	530	519	4.28	cps
Silver	109-1	300	323	323	316	4.27	cps
Sodium	23-2	24939539	24642702	25062691	24881644	0.87	cps
Strontium	86-1	74913721	75247119	76088974	75416604	0.80	cps
Strontium	88-1	649624190	640913964	652654124	647730759	0.94	cps
Sulfur	34-1	29505514	30195788	30124474	29941925	1.27	cps
Terbium	159-1	17716671	20591248	19515883	19274601	7.54	cps
Terbium	159-2	6935366	6894307	7110352	6980008	1.64	cps
Thallium	203-1	350	377	290	339	13.10	cps
Thallium	205-1	833	900	947	893	6.38	cps
Tin	118-1	10894	10828	11231	10984	1.97	cps
Titanium	47-1	1943	1813	2144	1967	8.46	cps
Uranium	238-1	5088	5104	5244	5146	1.67	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-08 Instrumnet Name : P8
Client Sample ID : ME2962 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:11:43 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	393	410	373	392	4.68	cps
Ytterbium	172-1	150	160	157	156	3.27	cps
Ytterbium	172-2	67	60	83	70	17.17	cps
Ytterbium	176-1	1713	2087	1837	1879	10.12	cps
Ytterbium	176-2	283	333	293	303	8.72	cps
Yttrium	89-1	24607664	29290129	27480495	27126096	8.70	cps
Yttrium	89-2	2091965	2108290	2130093	2110116	0.91	cps
Zinc	66-2	907	1037	943	962	6.97	cps
Zirconium	90-1	2644	2797	2887	2776	4.43	cps
Zirconium	91-1	573	583	567	574	1.46	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	363	400	384	4.93	cps
Antimony	121-1	270	223	220	238	11.76	cps
Arsenic	75-2	43	50	60	51	16.42	cps
Barium	135-1	64338	65507	61650	63832	3.10	cps
Barium	137-1	112668	114846	107970	111828	3.14	cps
Beryllium	9-1	397	441	396	412	6.22	cps
Bismuth	209-1	12091547	11698779	10609459	11466595	6.70	cps
Bismuth	209-2	4598529	4628865	4686028	4637807	0.96	cps
Bromine	81-1	121331	140391	147458	136393	9.91	cps
Cadmium	108-1	37	33	17	29	37.08	cps
Cadmium	106-1	8586	8172	7415	8058	7.37	cps
Cadmium	111-1	6028	5747	5206	5660	7.38	cps
Calcium	43-1	26239741	26668025	25892293	26266687	1.48	cps
Calcium	44-1	423886674	434292380	414337127	424172060	2.35	cps
Carbon	12-1	9347773	10056481	10262050	9888768	4.85	cps
Carbon	12-2	67752	69902	69966	69206	1.82	cps
Chlorine	35-1	32429565	36506462	35303846	34746624	6.03	cps
Chlorine	35-2	146627	151379	154838	150948	2.73	cps
Chromium	52-2	1723	1580	1640	1648	4.37	cps
Cobalt	59-2	473	493	483	483	2.07	cps
Copper	63-2	5548	5801	5861	5737	2.90	cps
Dysprosium	156-1	67	97	47	70	35.95	cps
Dysprosium	156-2	7	13	27	16	65.47	cps
Erbium	164-1	177	130	123	143	20.27	cps
Erbium	164-2	43	50	40	44	11.46	cps
Gadolinium	160-1	173	160	137	157	11.85	cps
Gadolinium	160-2	27	57	30	38	43.52	cps
Holmium	165-1	20812026	20294726	18380374	19829042	6.46	cps
Holmium	165-2	6688551	6768090	6782091	6746244	0.75	cps
Indium	115-1	16178632	15956761	14639949	15591781	5.33	cps
Indium	115-2	1421869	1456944	1466711	1448508	1.63	cps
Iron	54-2	206458	209473	208569	208167	0.74	cps
Iron	56-2	3899318	3921990	3957567	3926292	0.75	cps
Iron	57-2	94869	96735	98121	96575	1.69	cps
Krypton	83-1	307	353	403	354	13.64	cps
Lead	206-1	2810	2697	2674	2727	2.68	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2210	2297	2180	2229	2.72	cps
Lead	208-1	10405	10735	10685	10608	1.68	cps
Lithium	6-1	9414920	9338026	8520189	9091045	5.45	cps
Magnesium	24-2	36296656	37074544	37821639	37064279	2.06	cps
Manganese	55-2	75833	78950	79047	77943	2.35	cps
Molybdenum	94-1	4084	4421	4151	4218	4.23	cps
Molybdenum	95-1	6345	6618	5958	6307	5.26	cps
Molybdenum	96-1	6855	6995	6768	6873	1.67	cps
Molybdenum	97-1	3967	4021	4041	4010	0.95	cps
Molybdenum	98-1	10047	10164	9513	9908	3.50	cps
Neodymium	150-1	53	110	100	88	34.46	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	1100	1150	1063	1104	3.94	cps
Phosphorus	31-2	133	137	127	132	3.85	cps
Potassium	39-2	711370	727594	733193	724052	1.57	cps
Rhodium	103-1	14954696	14495768	13258309	14236258	6.16	cps
Rhodium	103-2	5294756	5334697	5426815	5352089	1.27	cps
Scandium	45-1	12003018	11961223	10796075	11586772	5.91	cps
Scandium	45-2	209012	214829	212978	212273	1.40	cps
Selenium	82-1	120	107	70	99	26.18	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	13	13	7	11	34.61	cps
Silicon	28-1	116297262	116918638	112090528	115102143	2.28	cps
Silver	107-1	740	883	827	817	8.84	cps
Silver	109-1	340	393	557	430	26.25	cps
Sodium	23-2	94341755	96022435	97651345	96005179	1.72	cps
Strontium	86-1	79763912	80502514	77039196	79101874	2.31	cps
Strontium	88-1	677358430	697520070	662030257	678969585	2.62	cps
Sulfur	34-1	37398496	37967887	36259994	37208793	2.34	cps
Terbium	159-1	21123181	20564303	18810893	20166126	5.98	cps
Terbium	159-2	6452619	6588133	6535431	6525394	1.05	cps
Thallium	203-1	323	280	347	317	10.68	cps
Thallium	205-1	757	777	907	813	10.01	cps
Tin	118-1	9593	9680	8903	9392	4.53	cps
Titanium	47-1	2324	2190	2027	2180	6.82	cps
Uranium	238-1	12800	12640	11769	12403	4.47	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09 Instrumnet Name : P8
Client Sample ID : ME2959 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:14:56 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	87	93	93	91	4.22	cps
Ytterbium	172-1	143	117	117	126	12.26	cps
Ytterbium	172-2	47	43	57	49	14.20	cps
Ytterbium	176-1	2027	1807	1687	1840	9.37	cps
Ytterbium	176-2	263	350	310	308	14.09	cps
Yttrium	89-1	29748524	28699222	26001565	28149770	6.87	cps
Yttrium	89-2	1901231	2016515	1996416	1971387	3.12	cps
Zinc	66-2	660	587	717	654	9.96	cps
Zirconium	90-1	1707	1713	1633	1685	2.64	cps
Zirconium	91-1	347	360	423	377	10.87	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	427	353	391	9.39	cps
Antimony	121-1	243	287	247	259	9.31	cps
Arsenic	75-2	53	63	40	52	22.41	cps
Barium	135-1	64288	63411	62835	63511	1.15	cps
Barium	137-1	109865	110839	110661	110455	0.47	cps
Beryllium	9-1	417	404	374	398	5.62	cps
Bismuth	209-1	11488244	11067605	11040594	11198814	2.24	cps
Bismuth	209-2	4846419	4773802	4803074	4807765	0.76	cps
Bromine	81-1	118884	140519	148932	136112	11.39	cps
Cadmium	108-1	23	40	23	29	33.32	cps
Cadmium	106-1	8059	7532	7142	7578	6.07	cps
Cadmium	111-1	5658	5271	5026	5319	5.99	cps
Calcium	43-1	25880572	26261880	26056100	26066184	0.73	cps
Calcium	44-1	417344287	424249860	419678207	420424118	0.84	cps
Carbon	12-1	8947935	9646905	9974490	9523110	5.51	cps
Carbon	12-2	69279	69349	69550	69393	0.20	cps
Chlorine	35-1	34489229	37136003	37816341	36480524	4.82	cps
Chlorine	35-2	158976	161129	163664	161256	1.46	cps
Chromium	52-2	2074	2120	2057	2084	1.58	cps
Cobalt	59-2	480	433	420	444	7.09	cps
Copper	63-2	22805	23556	23056	23139	1.65	cps
Dysprosium	156-1	80	43	67	63	29.31	cps
Dysprosium	156-2	33	33	17	28	34.63	cps
Erbium	164-1	127	133	190	150	23.20	cps
Erbium	164-2	47	43	53	48	10.66	cps
Gadolinium	160-1	143	157	157	152	5.06	cps
Gadolinium	160-2	33	73	40	49	43.84	cps
Holmium	165-1	19636981	18999531	18822446	19152986	2.24	cps
Holmium	165-2	6992095	6948650	7039087	6993277	0.65	cps
Indium	115-1	15568992	15245598	14877988	15230860	2.27	cps
Indium	115-2	1559694	1492327	1584778	1545600	3.09	cps
Iron	54-2	234724	237397	239890	237337	1.09	cps
Iron	56-2	4563119	4490946	4538488	4530851	0.81	cps
Iron	57-2	109708	109358	110853	109973	0.71	cps
Krypton	83-1	270	377	373	340	17.84	cps
Lead	206-1	2307	2237	2350	2298	2.49	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1903	2037	1970	1970	3.38	cps
Lead	208-1	9251	8808	9145	9068	2.55	cps
Lithium	6-1	8805565	8708648	8545386	8686533	1.51	cps
Magnesium	24-2	38722446	38237239	38299022	38419569	0.69	cps
Manganese	55-2	80307	80760	80247	80438	0.35	cps
Molybdenum	94-1	3991	4227	3991	4070	3.36	cps
Molybdenum	95-1	6145	6368	6098	6204	2.33	cps
Molybdenum	96-1	6928	7045	6682	6885	2.70	cps
Molybdenum	97-1	3901	3881	3937	3906	0.74	cps
Molybdenum	98-1	9807	9924	9790	9840	0.74	cps
Neodymium	150-1	57	73	50	60	20.03	cps
Neodymium	150-2	27	17	23	22	22.91	cps
Nickel	60-2	1157	1193	1297	1216	5.97	cps
Phosphorus	31-2	117	153	113	128	17.37	cps
Potassium	39-2	742557	755233	752897	750229	0.90	cps
Rhodium	103-1	13961657	13762284	13493726	13739223	1.71	cps
Rhodium	103-2	5476418	5426815	5503827	5469020	0.71	cps
Scandium	45-1	11521136	11193215	10732133	11148828	3.56	cps
Scandium	45-2	223214	214832	223363	220470	2.21	cps
Selenium	82-1	170	43	40	84	87.77	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	13	7	10	10	33.30	cps
Silicon	28-1	110585728	112472508	111819805	111626014	0.86	cps
Silver	107-1	690	823	833	782	10.23	cps
Silver	109-1	443	620	647	570	19.39	cps
Sodium	23-2	100200772	98574182	98242329	99005761	1.06	cps
Strontium	86-1	77618397	77463226	77641569	77574397	0.13	cps
Strontium	88-1	667575830	670368870	673805337	670583346	0.47	cps
Sulfur	34-1	36387446	36158893	36215731	36254023	0.33	cps
Terbium	159-1	19804878	19352546	19194467	19450631	1.63	cps
Terbium	159-2	6802845	6778246	6822882	6801324	0.33	cps
Thallium	203-1	297	227	310	278	16.12	cps
Thallium	205-1	723	647	680	683	5.63	cps
Tin	118-1	8823	8813	9170	8935	2.27	cps
Titanium	47-1	2514	2134	2080	2242	10.54	cps
Uranium	238-1	12009	12463	12590	12354	2.47	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-10 Instrumnet Name : P8
Client Sample ID : ME2959D Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:18:14 DataFile Name : 039AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	90	93	73	86	12.53	cps
Ytterbium	172-1	133	123	103	120	12.73	cps
Ytterbium	172-2	23	50	37	37	36.37	cps
Ytterbium	176-1	1637	1647	1843	1709	6.82	cps
Ytterbium	176-2	307	257	260	274	10.19	cps
Yttrium	89-1	27613175	27630773	26580254	27274734	2.21	cps
Yttrium	89-2	2006804	2046762	2054186	2035917	1.25	cps
Zinc	66-2	890	863	897	883	2.00	cps
Zirconium	90-1	1563	1650	1693	1636	4.05	cps
Zirconium	91-1	320	407	367	364	11.90	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	360	407	393	387	6.22	cps
Antimony	121-1	100	97	100	99	1.94	cps
Arsenic	75-2	17	10	23	17	39.99	cps
Barium	135-1	13297	13373	13136	13269	0.91	cps
Barium	137-1	24379	23614	23517	23837	1.98	cps
Beryllium	9-1	421	391	375	396	5.93	cps
Bismuth	209-1	12406977	12149008	12098329	12218105	1.35	cps
Bismuth	209-2	5247704	5495003	5518656	5420454	2.77	cps
Bromine	81-1	55560	57742	56727	56676	1.93	cps
Cadmium	108-1	23	30	23	26	15.07	cps
Cadmium	106-1	8483	8236	8263	8327	1.63	cps
Cadmium	111-1	5952	5781	5787	5840	1.66	cps
Calcium	43-1	5559931	5559777	5431143	5516950	1.35	cps
Calcium	44-1	89225569	90558869	86990942	88925126	2.03	cps
Carbon	12-1	7729166	8016437	7680444	7808682	2.33	cps
Carbon	12-2	49630	49643	50881	50051	1.44	cps
Chlorine	35-1	9599397	10038212	9777244	9804951	2.25	cps
Chlorine	35-2	40914	42018	41526	41486	1.33	cps
Chromium	52-2	1380	1287	1447	1371	5.86	cps
Cobalt	59-2	157	137	217	170	24.49	cps
Copper	63-2	6815	7349	7279	7147	4.06	cps
Dysprosium	156-1	17	37	23	26	39.85	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	103	103	110	106	3.65	cps
Erbium	164-2	30	30	37	32	11.95	cps
Gadolinium	160-1	110	147	123	127	14.65	cps
Gadolinium	160-2	17	33	33	28	34.63	cps
Holmium	165-1	20525459	19972971	19850413	20116281	1.79	cps
Holmium	165-2	7277241	7611300	7881762	7590101	3.99	cps
Indium	115-1	16578952	16047541	15996097	16207530	1.99	cps
Indium	115-2	1703936	1764002	1807340	1758426	2.95	cps
Iron	54-2	46750	48188	48783	47907	2.18	cps
Iron	56-2	852717	881447	898704	877622	2.65	cps
Iron	57-2	21456	21617	22287	21787	2.02	cps
Krypton	83-1	277	297	300	291	4.34	cps
Lead	206-1	2177	2107	1944	2076	5.77	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1703	1693	1697	1698	0.30	cps
Lead	208-1	8028	7844	7878	7917	1.23	cps
Lithium	6-1	9492785	9442757	9262487	9399343	1.29	cps
Magnesium	24-2	8161746	8383805	8703461	8416337	3.24	cps
Manganese	55-2	21126	21977	22291	21798	2.77	cps
Molybdenum	94-1	1423	1460	1233	1372	8.87	cps
Molybdenum	95-1	1510	1613	1653	1592	4.65	cps
Molybdenum	96-1	1747	1703	1697	1716	1.58	cps
Molybdenum	97-1	1070	1030	890	997	9.48	cps
Molybdenum	98-1	2447	2490	2457	2465	0.92	cps
Neodymium	150-1	17	27	23	22	22.91	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	973	997	1070	1013	4.98	cps
Phosphorus	31-2	100	73	77	83	17.44	cps
Potassium	39-2	171007	174906	178503	174805	2.14	cps
Rhodium	103-1	15176679	15213158	14880731	15090189	1.21	cps
Rhodium	103-2	6112382	6383641	6441505	6312509	2.78	cps
Scandium	45-1	12109780	12063662	11760891	11978111	1.58	cps
Scandium	45-2	232796	239121	242479	238132	2.06	cps
Selenium	82-1	77	40	57	58	31.78	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	3	7	13	8	65.47	cps
Silicon	28-1	24326429	24926240	24113761	24455477	1.72	cps
Silver	107-1	563	637	600	600	6.11	cps
Silver	109-1	420	320	307	349	17.75	cps
Sodium	23-2	20981466	21399614	21735156	21372079	1.77	cps
Strontium	86-1	16740636	16901665	16457973	16700091	1.34	cps
Strontium	88-1	143748191	145285855	141390125	143474723	1.37	cps
Sulfur	34-1	8437985	8575562	8289403	8434317	1.70	cps
Terbium	159-1	20969092	20884540	20363195	20738942	1.58	cps
Terbium	159-2	7170444	7322984	7456563	7316664	1.96	cps
Thallium	203-1	307	337	303	316	5.82	cps
Thallium	205-1	770	657	787	738	9.59	cps
Tin	118-1	4888	4598	4477	4654	4.53	cps
Titanium	47-1	747	680	743	723	5.19	cps
Uranium	238-1	2604	2760	2580	2648	3.70	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-09LX5 Instrumnet Name : P8
Client Sample ID : ME2959L Dilution Factor : 5
Date & Time Acquired : 2025-02-06 14:21:29 DataFile Name : 040AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	20	43	28	48.49	cps
Ytterbium	172-1	127	133	120	127	5.27	cps
Ytterbium	172-2	63	33	87	61	43.76	cps
Ytterbium	176-1	1957	1940	1934	1944	0.62	cps
Ytterbium	176-2	320	310	333	321	3.64	cps
Yttrium	89-1	29690748	29738308	28739565	29389540	1.92	cps
Yttrium	89-2	2173982	2246527	2237155	2219221	1.78	cps
Zinc	66-2	647	723	727	699	6.48	cps
Zirconium	90-1	1143	1150	1230	1175	4.11	cps
Zirconium	91-1	213	200	213	209	3.69	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150068	152193	152887	151716	0.97	cps
Antimony	121-1	1822016	1805463	1842762	1823413	1.02	cps
Arsenic	75-2	15636	15245	15355	15412	1.31	cps
Barium	135-1	8421172	8574788	8615105	8537022	1.20	cps
Barium	137-1	14540089	14743365	14774343	14685932	0.87	cps
Beryllium	9-1	321209	327191	327738	325380	1.11	cps
Bismuth	209-1	11318538	11626502	11245226	11396755	1.78	cps
Bismuth	209-2	5299446	5016962	5111537	5142648	2.80	cps
Bromine	81-1	108884	131937	144007	128276	13.91	cps
Cadmium	108-1	12869	13774	13273	13305	3.40	cps
Cadmium	106-1	26499	26886	26425	26604	0.93	cps
Cadmium	111-1	208151	208388	210457	208999	0.61	cps
Calcium	43-1	27056514	26993879	27494630	27181674	1.00	cps
Calcium	44-1	436109780	439281793	437190367	437527313	0.37	cps
Carbon	12-1	8775668	9613355	9870165	9419729	6.08	cps
Carbon	12-2	69714	70588	70029	70111	0.63	cps
Chlorine	35-1	65207399	71280364	73720412	70069392	6.26	cps
Chlorine	35-2	317233	319280	321839	319450	0.72	cps
Chromium	52-2	850001	861734	861291	857675	0.78	cps
Cobalt	59-2	4090756	4112263	4073445	4092155	0.48	cps
Copper	63-2	1562054	1476451	1485540	1508015	3.12	cps
Dysprosium	156-1	120	113	140	124	11.15	cps
Dysprosium	156-2	33	20	13	22	45.83	cps
Erbium	164-1	143	147	150	147	2.27	cps
Erbium	164-2	57	80	67	68	17.27	cps
Gadolinium	160-1	147	230	153	177	26.21	cps
Gadolinium	160-2	50	50	57	52	7.37	cps
Holmium	165-1	19749070	20244311	19106422	19699934	2.90	cps
Holmium	165-2	7675600	7318969	7464433	7486334	2.40	cps
Indium	115-1	15664274	16091858	15290967	15682366	2.56	cps
Indium	115-2	1726429	1651437	1651015	1676293	2.59	cps
Iron	54-2	425383	425820	430387	427197	0.65	cps
Iron	56-2	7609792	7527773	7566393	7567986	0.54	cps
Iron	57-2	184159	185375	185136	184890	0.35	cps
Krypton	83-1	350	353	327	343	4.23	cps
Lead	206-1	253583	257606	258639	256609	1.04	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	219111	218999	223016	220376	1.04	cps
Lead	208-1	1007486	1017182	1027910	1017526	1.00	cps
Lithium	6-1	9033348	9252075	8844763	9043395	2.25	cps
Magnesium	24-2	39780363	40266687	40382265	40143105	0.80	cps
Manganese	55-2	916877	921996	919020	919298	0.28	cps
Molybdenum	94-1	4467	4731	4501	4566	3.14	cps
Molybdenum	95-1	6522	6638	7075	6745	4.33	cps
Molybdenum	96-1	7422	7555	7312	7430	1.64	cps
Molybdenum	97-1	3981	4031	4217	4076	3.06	cps
Molybdenum	98-1	10564	10180	10934	10560	3.57	cps
Neodymium	150-1	687	657	613	652	5.65	cps
Neodymium	150-2	27	23	27	26	7.55	cps
Nickel	60-2	1052459	1057031	1053283	1054258	0.23	cps
Phosphorus	31-2	173	157	163	164	5.10	cps
Potassium	39-2	799719	805364	801104	802062	0.37	cps
Rhodium	103-1	14228182	14503136	13804968	14178762	2.48	cps
Rhodium	103-2	6109144	5772233	5910977	5930785	2.86	cps
Scandium	45-1	11524238	11963398	11434444	11640693	2.43	cps
Scandium	45-2	245391	233436	238232	239020	2.52	cps
Selenium	82-1	5118	5161	5134	5138	0.43	cps
Selenium	77-2	63	103	77	81	25.11	cps
Selenium	78-2	337	313	310	320	4.54	cps
Silicon	28-1	119629105	120293788	120329445	120084113	0.33	cps
Silver	107-1	978258	1003689	1008620	996855	1.63	cps
Silver	109-1	938201	946282	959422	947968	1.13	cps
Sodium	23-2	103554152	105094088	103826792	104158344	0.79	cps
Strontium	86-1	80014095	81091734	81432619	80846149	0.92	cps
Strontium	88-1	698152363	698478576	704889643	700506861	0.54	cps
Sulfur	34-1	37970750	38148034	38955184	38357989	1.37	cps
Terbium	159-1	20233530	21161967	20029703	20475067	2.95	cps
Terbium	159-2	7387912	7146429	7111027	7215123	2.09	cps
Thallium	203-1	779990	791130	793649	788256	0.92	cps
Thallium	205-1	2012993	2001264	2011215	2008491	0.31	cps
Tin	118-1	10174	10274	10077	10175	0.97	cps
Titanium	47-1	2314	2547	2340	2400	5.32	cps
Uranium	238-1	12850	12760	12696	12769	0.60	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-11 Instrumnet Name : P8
Client Sample ID : ME2959S Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:24:41 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1755876	1716500	1784744	1752374	1.95	cps
Ytterbium	172-1	123	130	173	142	19.09	cps
Ytterbium	172-2	37	43	53	44	18.87	cps
Ytterbium	176-1	1863	1873	1833	1857	1.12	cps
Ytterbium	176-2	343	283	280	302	11.79	cps
Yttrium	89-1	28969414	29309653	27874815	28717961	2.61	cps
Yttrium	89-2	2265221	2195389	2150044	2203551	2.63	cps
Zinc	66-2	305966	309465	307162	307531	0.58	cps
Zirconium	90-1	2460	2600	2494	2518	2.90	cps
Zirconium	91-1	607	733	670	670	9.45	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49996	50457	50223	50225	0.46	cps
Antimony	121-1	1557	1900	1820	1759	10.21	cps
Arsenic	75-2	943	930	900	924	2.40	cps
Barium	135-1	177028	178338	178861	178076	0.53	cps
Barium	137-1	308432	310502	311324	310086	0.48	cps
Beryllium	9-1	551	510	522	528	4.01	cps
Bismuth	209-1	11324929	12497489	12351881	12058100	5.30	cps
Bismuth	209-2	5530582	5502276	5588671	5540510	0.79	cps
Bromine	81-1	237487	257911	269961	255119	6.43	cps
Cadmium	108-1	217	193	213	208	6.07	cps
Cadmium	106-1	8256	9036	8579	8624	4.55	cps
Cadmium	111-1	5907	6453	6110	6157	4.48	cps
Calcium	43-1	8781310	8733553	8821218	8778694	0.50	cps
Calcium	44-1	140521018	141703541	143963531	142062697	1.23	cps
Carbon	12-1	17960326	19192138	19746037	18966167	4.82	cps
Carbon	12-2	128502	129804	131058	129788	0.98	cps
Chlorine	35-1	6583423	6361854	6166254	6370510	3.28	cps
Chlorine	35-2	23676	23149	22421	23082	2.73	cps
Chromium	52-2	1963	2020	1900	1961	3.06	cps
Cobalt	59-2	1237	1380	1337	1318	5.58	cps
Copper	63-2	10180	9773	9897	9950	2.10	cps
Dysprosium	156-1	33	67	37	46	40.30	cps
Dysprosium	156-2	23	20	10	18	39.03	cps
Erbium	164-1	100	160	153	138	23.87	cps
Erbium	164-2	37	53	47	46	18.41	cps
Gadolinium	160-1	160	140	150	150	6.67	cps
Gadolinium	160-2	23	33	30	29	17.63	cps
Holmium	165-1	19050571	20245340	20426649	19907520	3.76	cps
Holmium	165-2	7727450	7839739	7762897	7776695	0.74	cps
Indium	115-1	15036435	16372502	16511717	15973551	5.10	cps
Indium	115-2	1789892	1761518	1765304	1772238	0.87	cps
Iron	54-2	3627	3931	3601	3719	4.93	cps
Iron	56-2	66902	66481	65436	66273	1.14	cps
Iron	57-2	2010	1997	2070	2026	1.93	cps
Krypton	83-1	250	293	300	281	9.66	cps
Lead	206-1	4367	4361	4344	4357	0.28	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3524	3624	3811	3653	3.98	cps
Lead	208-1	16598	16568	16898	16688	1.09	cps
Lithium	6-1	9323565	9696331	9907557	9642484	3.07	cps
Magnesium	24-2	11491	12115	11585	11730	2.87	cps
Manganese	55-2	3590	3771	3714	3692	2.49	cps
Molybdenum	94-1	230556	232890	234473	232640	0.85	cps
Molybdenum	95-1	398031	402589	401857	400826	0.61	cps
Molybdenum	96-1	425983	431372	431279	429544	0.72	cps
Molybdenum	97-1	247748	252237	251268	250418	0.94	cps
Molybdenum	98-1	638214	638053	643951	640073	0.52	cps
Neodymium	150-1	43	30	47	40	22.05	cps
Neodymium	150-2	13	0	20	11	91.66	cps
Nickel	60-2	361620	360109	359447	360392	0.31	cps
Phosphorus	31-2	1553	1670	1700	1641	4.72	cps
Potassium	39-2	10534088	10479176	10249369	10420878	1.45	cps
Rhodium	103-1	14292120	15574468	15499634	15122074	4.76	cps
Rhodium	103-2	6392339	6319563	6323536	6345146	0.64	cps
Scandium	45-1	11272161	12052771	12290786	11871906	4.49	cps
Scandium	45-2	245200	246687	245425	245771	0.33	cps
Selenium	82-1	493	467	473	478	2.90	cps
Selenium	77-2	0	17	10	9	94.38	cps
Selenium	78-2	20	33	33	29	26.64	cps
Silicon	28-1	34224025	35203359	35256569	34894651	1.67	cps
Silver	107-1	1147	887	913	982	14.56	cps
Silver	109-1	870	963	770	868	11.14	cps
Sodium	23-2	17856761	17773911	17890473	17840382	0.34	cps
Strontium	86-1	7957234	8064803	8034892	8018977	0.69	cps
Strontium	88-1	69516806	69353392	69843062	69571087	0.36	cps
Sulfur	34-1	1949773	1942937	1970520	1954410	0.73	cps
Terbium	159-1	19518132	20738338	21340173	20532214	4.52	cps
Terbium	159-2	7598246	7550106	7371014	7506455	1.60	cps
Thallium	203-1	630	533	537	567	9.68	cps
Thallium	205-1	1203	1320	1197	1240	5.59	cps
Tin	118-1	8323	8846	8636	8602	3.06	cps
Titanium	47-1	2307	2120	2000	2142	7.21	cps
Uranium	238-1	120	70	57	82	40.61	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-12 Instrumnet Name : P8
Client Sample ID : ME2963 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:28:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9310	9433	9210	9318	1.20	cps
Ytterbium	172-1	123	117	123	121	3.18	cps
Ytterbium	172-2	83	60	70	71	16.46	cps
Ytterbium	176-1	2267	2130	2204	2200	3.11	cps
Ytterbium	176-2	333	410	347	363	11.27	cps
Yttrium	89-1	27806540	29934507	30480595	29407214	4.80	cps
Yttrium	89-2	2303674	2302109	2245262	2283681	1.46	cps
Zinc	66-2	1250	1227	1220	1232	1.28	cps
Zirconium	90-1	1337	1327	1313	1326	0.88	cps
Zirconium	91-1	267	293	310	290	7.54	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4744	4471	4437	4551	3.70	cps
Antimony	121-1	3644	3487	3490	3540	2.53	cps
Arsenic	75-2	473	607	493	524	13.71	cps
Barium	135-1	91999	94241	93359	93200	1.21	cps
Barium	137-1	161138	162244	160865	161416	0.45	cps
Beryllium	9-1	381	464	435	427	9.81	cps
Bismuth	209-1	11643701	12167888	12420971	12077520	3.28	cps
Bismuth	209-2	5413220	5388088	6336363	5712557	9.46	cps
Bromine	81-1	228515	267491	294124	263377	12.53	cps
Cadmium	108-1	137	227	170	178	25.59	cps
Cadmium	106-1	8173	9040	8713	8642	5.07	cps
Cadmium	111-1	5978	6459	6307	6248	3.93	cps
Calcium	43-1	1124550	1134180	1127985	1128905	0.43	cps
Calcium	44-1	18772795	18560585	18470700	18601360	0.83	cps
Carbon	12-1	11988525	12603654	12952846	12515008	3.90	cps
Carbon	12-2	84089	83475	84893	84152	0.85	cps
Chlorine	35-1	5853502	6415722	6545471	6271565	5.86	cps
Chlorine	35-2	27242	27493	26865	27200	1.16	cps
Chromium	52-2	1813	1580	1687	1693	6.90	cps
Cobalt	59-2	1033	917	1010	987	6.26	cps
Copper	63-2	27781	27951	26588	27440	2.71	cps
Dysprosium	156-1	43	23	33	33	30.00	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	77	140	117	111	28.83	cps
Erbium	164-2	33	40	53	42	24.12	cps
Gadolinium	160-1	147	167	183	166	11.09	cps
Gadolinium	160-2	17	47	60	41	53.98	cps
Holmium	165-1	18768578	20188387	20235899	19730955	4.23	cps
Holmium	165-2	7473225	7661340	8810440	7981668	9.07	cps
Indium	115-1	15117094	16550659	16569817	16079190	5.18	cps
Indium	115-2	1700662	1704121	1973107	1792630	8.72	cps
Iron	54-2	22234	21900	21383	21839	1.96	cps
Iron	56-2	399118	395031	388887	394345	1.31	cps
Iron	57-2	9813	10057	10344	10071	2.64	cps
Krypton	83-1	297	283	293	291	2.38	cps
Lead	206-1	2877	2510	2424	2604	9.24	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2284	2214	2237	2245	1.59	cps
Lead	208-1	10475	9895	9768	10046	3.75	cps
Lithium	6-1	9271784	9757659	9906701	9645381	3.44	cps
Magnesium	24-2	129482	131695	127545	129574	1.60	cps
Manganese	55-2	14237	14381	14247	14288	0.56	cps
Molybdenum	94-1	177011	176213	178418	177214	0.63	cps
Molybdenum	95-1	305247	307406	308922	307192	0.60	cps
Molybdenum	96-1	327459	329813	328244	328505	0.36	cps
Molybdenum	97-1	189840	190851	192769	191153	0.78	cps
Molybdenum	98-1	490577	490729	491064	490790	0.05	cps
Neodymium	150-1	33	67	47	49	34.32	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	58500	58128	56244	57624	2.10	cps
Phosphorus	31-2	593	517	630	580	9.97	cps
Potassium	39-2	13412647	13312261	13067958	13264289	1.34	cps
Rhodium	103-1	14697973	15026924	15248159	14991019	1.85	cps
Rhodium	103-2	6271518	6153881	7154166	6526522	8.38	cps
Scandium	45-1	11252091	12108082	11925701	11761958	3.83	cps
Scandium	45-2	235171	235952	269427	246850	7.92	cps
Selenium	82-1	287	297	300	294	2.36	cps
Selenium	77-2	7	7	0	4	86.60	cps
Selenium	78-2	30	23	30	28	13.86	cps
Silicon	28-1	29029458	29273052	29403806	29235439	0.65	cps
Silver	107-1	593	700	443	579	22.27	cps
Silver	109-1	403	450	487	447	9.35	cps
Sodium	23-2	29918416	30059963	29536404	29838261	0.91	cps
Strontium	86-1	2980021	3085862	2997691	3021191	1.88	cps
Strontium	88-1	26044379	25366828	26100017	25837075	1.58	cps
Sulfur	34-1	1954003	1935262	1901918	1930395	1.37	cps
Terbium	159-1	19587379	20952645	20616179	20385401	3.49	cps
Terbium	159-2	7249789	7195956	8430562	7625436	9.15	cps
Thallium	203-1	453	417	417	429	4.94	cps
Thallium	205-1	967	1000	1017	994	2.56	cps
Tin	118-1	8329	8122	8039	8164	1.83	cps
Titanium	47-1	1303	1323	1397	1341	3.66	cps
Uranium	238-1	6405	6682	6535	6541	2.12	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-13 Instrumnet Name : P8
Client Sample ID : ME2967 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:31:25 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5985	6095	5625	5901	4.17	cps
Ytterbium	172-1	117	113	143	124	13.22	cps
Ytterbium	172-2	43	37	73	51	38.21	cps
Ytterbium	176-1	1833	2117	2040	1997	7.34	cps
Ytterbium	176-2	317	240	367	308	20.73	cps
Yttrium	89-1	27429296	29220805	28997486	28549196	3.42	cps
Yttrium	89-2	2236872	2195223	2486068	2306054	6.82	cps
Zinc	66-2	3170	3057	3190	3139	2.29	cps
Zirconium	90-1	1173	1430	1270	1291	10.04	cps
Zirconium	91-1	243	250	220	238	6.63	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62514	62694	61171	62126	1.34	cps
Antimony	121-1	1980	2050	1937	1989	2.88	cps
Arsenic	75-2	2000	1813	2050	1955	6.38	cps
Barium	135-1	212455	214621	216939	214672	1.04	cps
Barium	137-1	365263	376343	375072	372226	1.63	cps
Beryllium	9-1	412	380	427	407	5.97	cps
Bismuth	209-1	10591205	11669891	12014463	11425186	6.50	cps
Bismuth	209-2	5407267	5884795	6051968	5781343	5.79	cps
Bromine	81-1	668386	783182	852360	767976	12.10	cps
Cadmium	108-1	413	427	397	412	3.65	cps
Cadmium	106-1	7349	8553	8469	8124	8.28	cps
Cadmium	111-1	5291	6188	6091	5857	8.40	cps
Calcium	43-1	6940115	7029121	7057323	7008853	0.87	cps
Calcium	44-1	113220705	112258308	114206062	113228358	0.86	cps
Carbon	12-1	38159030	41967954	44863266	41663417	8.07	cps
Carbon	12-2	303980	302616	305233	303943	0.43	cps
Chlorine	35-1	13854778	15202272	15695998	14917683	6.39	cps
Chlorine	35-2	67684	66703	68240	67542	1.15	cps
Chromium	52-2	4097	4091	4101	4096	0.12	cps
Cobalt	59-2	1493	1227	1330	1350	9.96	cps
Copper	63-2	20398	20171	20832	20467	1.64	cps
Dysprosium	156-1	23	27	30	27	12.51	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	90	100	87	92	7.52	cps
Erbium	164-2	33	33	43	37	15.75	cps
Gadolinium	160-1	147	127	107	127	15.79	cps
Gadolinium	160-2	33	27	27	29	13.31	cps
Holmium	165-1	17987597	19738326	20420075	19381999	6.47	cps
Holmium	165-2	7590483	8344642	8675376	8203500	6.78	cps
Indium	115-1	13989369	15617905	16177382	15261552	7.45	cps
Indium	115-2	1693749	1891616	1965399	1850255	7.59	cps
Iron	54-2	3374	3257	3280	3304	1.87	cps
Iron	56-2	57345	57050	56123	56839	1.12	cps
Iron	57-2	1710	1707	1617	1678	3.16	cps
Krypton	83-1	290	310	307	302	3.54	cps
Lead	206-1	2080	2120	2054	2085	1.61	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1687	1670	1710	1689	1.19	cps
Lead	208-1	7984	8148	8061	8064	1.01	cps
Lithium	6-1	8699331	9695893	9744388	9379871	6.29	cps
Magnesium	24-2	3327	3040	3290	3219	4.85	cps
Manganese	55-2	1583	1657	1650	1630	2.49	cps
Molybdenum	94-1	443870	450113	447547	447177	0.70	cps
Molybdenum	95-1	766521	773749	777706	772659	0.73	cps
Molybdenum	96-1	826205	830296	838383	831628	0.75	cps
Molybdenum	97-1	476091	488086	491463	485213	1.66	cps
Molybdenum	98-1	1243957	1250341	1250475	1248258	0.30	cps
Neodymium	150-1	53	20	50	41	44.65	cps
Neodymium	150-2	3	7	3	4	43.40	cps
Nickel	60-2	986881	981558	975251	981230	0.59	cps
Phosphorus	31-2	2357	2564	2497	2472	4.27	cps
Potassium	39-2	32710202	31994172	31973149	32225841	1.30	cps
Rhodium	103-1	13236829	14590518	14953567	14260305	6.34	cps
Rhodium	103-2	6186944	6765814	7020375	6657711	6.42	cps
Scandium	45-1	10463550	11554511	11890123	11302728	6.60	cps
Scandium	45-2	239386	260944	275502	258611	7.03	cps
Selenium	82-1	507	460	580	516	11.73	cps
Selenium	77-2	7	10	13	10	33.30	cps
Selenium	78-2	23	27	20	23	14.29	cps
Silicon	28-1	41705029	41958328	42604594	42089317	1.10	cps
Silver	107-1	460	450	467	459	1.83	cps
Silver	109-1	300	363	303	322	11.06	cps
Sodium	23-2	67864687	67750297	67699744	67771576	0.12	cps
Strontium	86-1	13003204	13078919	12845514	12975879	0.92	cps
Strontium	88-1	112375592	113377805	112211982	112655126	0.56	cps
Sulfur	34-1	1918342	1906489	1877644	1900825	1.10	cps
Terbium	159-1	18285196	20634076	20864885	19928052	7.16	cps
Terbium	159-2	7433297	8022962	8297950	7918070	5.58	cps
Thallium	203-1	303	383	313	333	13.08	cps
Thallium	205-1	877	750	783	803	8.17	cps
Tin	118-1	9106	9173	9764	9348	3.87	cps
Titanium	47-1	2420	2430	2264	2371	3.94	cps
Uranium	238-1	33	53	33	40	28.87	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : Q1186-14 Instrumnet Name : P8
Client Sample ID : ME2965 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:34:37 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	9890	9833	9823	9849	0.37	cps
Ytterbium	172-1	110	120	107	112	6.18	cps
Ytterbium	172-2	47	63	73	61	22.04	cps
Ytterbium	176-1	1733	1967	2144	1948	10.56	cps
Ytterbium	176-2	290	437	347	358	20.67	cps
Yttrium	89-1	25897125	28879908	29163520	27980184	6.47	cps
Yttrium	89-2	2226202	2462613	2513651	2400822	6.39	cps
Zinc	66-2	1107	1043	997	1049	5.26	cps
Zirconium	90-1	1083	1053	1167	1101	5.33	cps
Zirconium	91-1	203	190	247	213	13.89	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3827241	3795000	3839696	3820646	0.60	cps
Antimony	121-1	8525720	8530642	8539083	8531815	0.08	cps
Arsenic	75-2	180716	180916	181955	181196	0.37	cps
Barium	135-1	10218199	10311993	10151618	10227270	0.79	cps
Barium	137-1	17343108	17861529	17623989	17609542	1.47	cps
Beryllium	9-1	3151277	3200127	3197006	3182803	0.86	cps
Bismuth	209-1	11259982	11475697	11430372	11388684	1.00	cps
Bismuth	209-2	4999912	4998433	4886906	4961750	1.31	cps
Bromine	81-1	133037	122570	113518	123042	7.94	cps
Cadmium	108-1	163193	166293	165291	164926	0.96	cps
Cadmium	106-1	237425	244822	241928	241392	1.54	cps
Cadmium	111-1	2014161	2091356	2083876	2063131	2.06	cps
Calcium	43-1	14255671	14299266	14306740	14287226	0.19	cps
Calcium	44-1	231915337	229181677	232777517	231291510	0.81	cps
Carbon	12-1	10537287	10222388	9999194	10252956	2.64	cps
Carbon	12-2	66342	65689	64551	65527	1.38	cps
Chlorine	35-1	1876699	1790921	1729447	1799022	4.11	cps
Chlorine	35-2	6582	6178	5818	6192	6.17	cps
Chromium	52-2	2095717	2112936	2054208	2087621	1.45	cps
Cobalt	59-2	3780112	3817097	3909533	3835581	1.74	cps
Copper	63-2	28464765	27909425	27920701	28098297	1.13	cps
Dysprosium	156-1	440	467	487	464	5.04	cps
Dysprosium	156-2	113	77	127	106	24.53	cps
Erbium	164-1	437	433	413	428	2.95	cps
Erbium	164-2	147	167	177	163	9.35	cps
Gadolinium	160-1	377	400	443	407	8.32	cps
Gadolinium	160-2	173	177	150	167	8.72	cps
Holmium	165-1	19907348	19882995	20055802	19948715	0.47	cps
Holmium	165-2	7423167	7274415	7294512	7330698	1.10	cps
Indium	115-1	15075422	15025633	15462418	15187824	1.57	cps
Indium	115-2	1581563	1600029	1623284	1601625	1.31	cps
Iron	54-2	20147296	19843578	19955762	19982212	0.77	cps
Iron	56-2	374951541	367199208	366534088	369561612	1.27	cps
Iron	57-2	9555127	9316153	9236978	9369419	1.77	cps
Krypton	83-1	293	300	327	307	5.75	cps
Lead	206-1	32091449	33190189	32335410	32539016	1.77	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	27833795	28496280	28072915	28134330	1.19	cps
Lead	208-1	126607836	131062139	129579769	129083248	1.76	cps
Lithium	6-1	8773920	8813411	8800202	8795844	0.23	cps
Magnesium	24-2	66417937	65911867	66947216	66425673	0.78	cps
Manganese	55-2	8430265	8221327	8186490	8279361	1.59	cps
Molybdenum	94-1	30728650	31012688	31221695	30987677	0.80	cps
Molybdenum	95-1	43982319	44410924	44623508	44338917	0.74	cps
Molybdenum	96-1	48049444	48953611	49425084	48809380	1.43	cps
Molybdenum	97-1	26679065	27492105	27655895	27275688	1.92	cps
Molybdenum	98-1	69836914	71746469	72085171	71222851	1.70	cps
Neodymium	150-1	810	787	803	800	1.50	cps
Neodymium	150-2	57	130	57	81	52.19	cps
Nickel	60-2	975389	970941	980311	975547	0.48	cps
Phosphorus	31-2	37525	37171	36914	37203	0.83	cps
Potassium	39-2	19353680	19338522	19592075	19428092	0.73	cps
Rhodium	103-1	13875961	13924240	14095701	13965301	0.83	cps
Rhodium	103-2	5578127	5727040	5725763	5676977	1.51	cps
Scandium	45-1	11399834	11465868	11452604	11439436	0.31	cps
Scandium	45-2	230475	229170	231538	230395	0.51	cps
Selenium	82-1	123850	126191	124920	124987	0.94	cps
Selenium	77-2	2514	2324	2354	2397	4.26	cps
Selenium	78-2	7862	7545	8006	7804	3.02	cps
Silicon	28-1	7934581	7994577	8152390	8027182	1.40	cps
Silver	107-1	10322022	10320102	10336717	10326280	0.09	cps
Silver	109-1	9637519	9723701	9842715	9734645	1.06	cps
Sodium	23-2	134129905	133112958	133029731	133424198	0.46	cps
Strontium	86-1	2860180	2880358	2881952	2874163	0.42	cps
Strontium	88-1	24391000	24722185	24887892	24667026	1.03	cps
Sulfur	34-1	1661319	1662187	1631635	1651714	1.05	cps
Terbium	159-1	20291500	20454764	20206186	20317483	0.62	cps
Terbium	159-2	7083453	7036573	6996043	7038690	0.62	cps
Thallium	203-1	7976792	8066918	7972922	8005544	0.66	cps
Thallium	205-1	18729730	19204949	19124372	19019684	1.34	cps
Tin	118-1	6825596	6862119	6929753	6872489	0.77	cps
Titanium	47-1	13726913	14108048	14169193	14001385	1.71	cps
Uranium	238-1	25977270	26566225	26737976	26427157	1.51	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCV002 Instrumnet Name : P8
Client Sample ID : CCV002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:37:49 DataFile Name : 045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1659087	1649655	1647611	1652118	0.37	cps
Ytterbium	172-1	487	457	467	470	3.25	cps
Ytterbium	172-2	263	203	263	243	14.24	cps
Ytterbium	176-1	40522	40596	41502	40873	1.33	cps
Ytterbium	176-2	14668	14972	14835	14825	1.03	cps
Yttrium	89-1	28144511	28039385	28230071	28137989	0.34	cps
Yttrium	89-2	2098740	2129270	2150638	2126216	1.23	cps
Zinc	66-2	3124970	3047765	3023617	3065451	1.73	cps
Zirconium	90-1	15378462	15552926	15632206	15521198	0.84	cps
Zirconium	91-1	3510028	3507249	3505504	3507594	0.07	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	207	190	193	197	4.48	cps
Antimony	121-1	2857	2377	2254	2496	12.77	cps
Arsenic	75-2	3	10	10	8	49.52	cps
Barium	135-1	570	427	410	469	18.76	cps
Barium	137-1	867	723	710	767	11.33	cps
Beryllium	9-1	1457	1285	1236	1326	8.77	cps
Bismuth	209-1	13281951	12973106	13212939	13155998	1.23	cps
Bismuth	209-2	5633515	5598113	5742499	5658042	1.33	cps
Bromine	81-1	51745	49042	45473	48753	6.45	cps
Cadmium	108-1	40	40	33	38	10.19	cps
Cadmium	106-1	8413	8870	8366	8549	3.26	cps
Cadmium	111-1	6044	6354	5966	6121	3.35	cps
Calcium	43-1	1373	1160	1083	1206	12.47	cps
Calcium	44-1	48893	44993	44388	46092	5.30	cps
Carbon	12-1	6931603	6750086	6731453	6804381	1.62	cps
Carbon	12-2	42020	41064	40419	41168	1.96	cps
Chlorine	35-1	1269731	1214427	1176810	1220323	3.83	cps
Chlorine	35-2	4327	4144	4224	4232	2.17	cps
Chromium	52-2	1050	1023	1157	1077	6.55	cps
Cobalt	59-2	250	203	187	213	15.39	cps
Copper	63-2	5601	5474	5381	5486	2.01	cps
Dysprosium	156-1	13	0	10	8	89.21	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	83	113	97	98	15.38	cps
Erbium	164-2	47	47	47	47	0.00	cps
Gadolinium	160-1	137	127	150	138	8.50	cps
Gadolinium	160-2	30	20	20	23	24.74	cps
Holmium	165-1	21053191	20952545	20903635	20969790	0.36	cps
Holmium	165-2	7504774	7639654	7518924	7554451	0.98	cps
Indium	115-1	17142670	17172315	17225699	17180228	0.24	cps
Indium	115-2	1781169	1745818	1708219	1745068	2.09	cps
Iron	54-2	1223	1030	1150	1135	8.60	cps
Iron	56-2	17775	17364	17334	17491	1.41	cps
Iron	57-2	483	503	363	450	16.83	cps
Krypton	83-1	300	257	307	288	9.43	cps
Lead	206-1	6468	5561	5178	5736	11.55	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:40:31 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5318	4658	4441	4805	9.51	cps
Lead	208-1	24726	21991	20260	22326	10.09	cps
Lithium	6-1	9810327	9604632	9571485	9662148	1.34	cps
Magnesium	24-2	3260	3227	3104	3197	2.58	cps
Manganese	55-2	343	340	300	328	7.36	cps
Molybdenum	94-1	2730	2127	2027	2295	16.59	cps
Molybdenum	95-1	3220	2537	2277	2678	18.20	cps
Molybdenum	96-1	3487	2877	2527	2964	16.40	cps
Molybdenum	97-1	1843	1523	1400	1589	14.40	cps
Molybdenum	98-1	5038	4157	3350	4182	20.18	cps
Neodymium	150-1	17	13	23	18	28.64	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	487	520	590	532	9.91	cps
Phosphorus	31-2	80	83	87	83	4.00	cps
Potassium	39-2	20281	19620	19954	19952	1.66	cps
Rhodium	103-1	16400165	15949787	16140800	16163584	1.40	cps
Rhodium	103-2	6531504	6589666	6515472	6545547	0.60	cps
Scandium	45-1	12013755	12023312	12105893	12047653	0.42	cps
Scandium	45-2	237067	239375	236902	237782	0.58	cps
Selenium	82-1	37	40	-10	22	125.80	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	0	3	27	10	145.32	cps
Silicon	28-1	870862	830159	808845	836622	3.77	cps
Silver	107-1	1850	1717	1413	1660	13.48	cps
Silver	109-1	1700	1423	1243	1456	15.80	cps
Sodium	23-2	90394	88710	88496	89200	1.17	cps
Strontium	86-1	857	687	703	749	12.51	cps
Strontium	88-1	3350	2797	2264	2804	19.38	cps
Sulfur	34-1	820580	819317	827874	822590	0.56	cps
Terbium	159-1	21581134	21467081	21008493	21352236	1.42	cps
Terbium	159-2	7488079	7307892	7521036	7439002	1.54	cps
Thallium	203-1	1190	1193	1107	1163	4.22	cps
Thallium	205-1	2917	2470	2290	2559	12.61	cps
Tin	118-1	2644	2640	2380	2555	5.91	cps
Titanium	47-1	1157	770	720	882	27.09	cps
Uranium	238-1	1513	1087	1050	1217	21.17	cps

LB Number : LB134612 Operator : Jaswal
Lab Sample ID : CCB002 Instrumnet Name : P8
Client Sample ID : CCB002 Dilution Factor : 1
Date & Time Acquired : 2025-02-06 14:40:31 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	77	63	60	30.93	cps
Ytterbium	172-1	123	127	113	121	5.73	cps
Ytterbium	172-2	43	60	37	47	25.75	cps
Ytterbium	176-1	1950	1917	1934	1934	0.86	cps
Ytterbium	176-2	263	290	333	296	11.95	cps
Yttrium	89-1	29865627	29927303	29980621	29924517	0.19	cps
Yttrium	89-2	2270431	2253518	2191760	2238570	1.85	cps
Zinc	66-2	353	300	283	312	11.71	cps
Zirconium	90-1	2190	1910	1820	1973	9.78	cps
Zirconium	91-1	457	393	367	406	11.40	cps