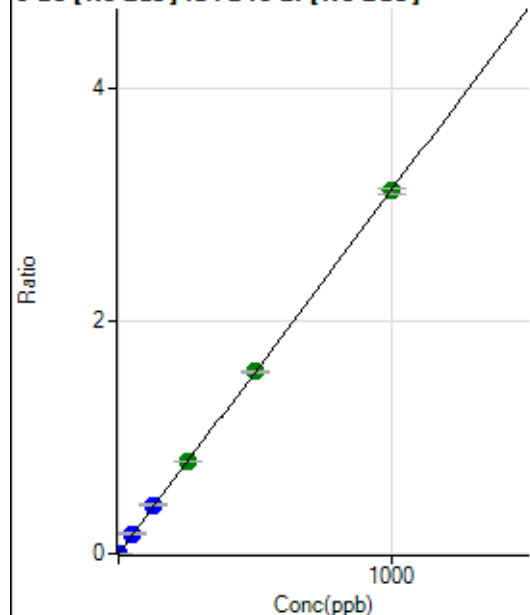


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8041025 MS.b\
Analysis File: P8041025 MS.batch.bin
DA Date-Time: 2025-04-11 12:50:48
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-10 11:55:33
2	005CAL.S.d	S02	2025-04-10 11:58:55
3	007CALB.d	S03	2025-04-10 12:05:41
4	008CAL.S.d	S04	2025-04-10 12:08:43
5	009CAL.S.d	S05	2025-04-10 12:11:36
6	010CAL.S.d	S06	2025-04-10 12:14:23
7	011CAL.S.d	S07	2025-04-10 12:17:08
8	012CAL.S.d	S08	2025-04-10 12:19:58

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	92.51	0.0000	P	2.8
2	☐	1.000	1.059	8603.36	0.0033	P	0.9
3	☐	50.000	55.493	450559.00	0.1732	P	1.1
4	☐	125.000	133.439	1081937.34	0.4164	P	2.5
5	☐	250.000	252.145	2016337.87	0.7868	A	0.6
6	☐	500.000	500.059	3889484.29	1.5603	A	0.9
7	☐	1000.000	998.105	7540947.92	3.1144	A	1.3
8	☐			1900.66	0.0009	P	3.2

$$y = 0.0031 * x + 3.6009E-005$$

$$R = 1.0000$$

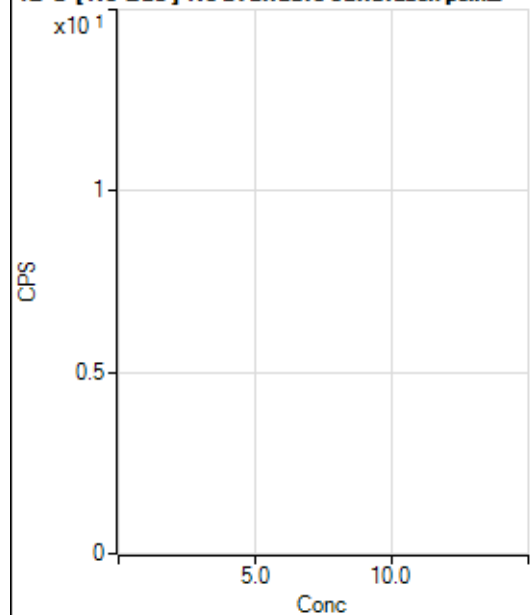
$$DL = 0.0009618$$

$$BEC = 0.01154$$

Weight: <None>

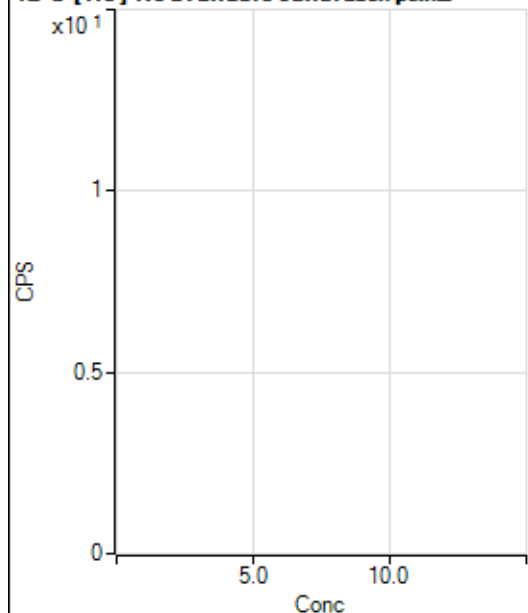
Min Conc: 0

12 C [No Gas] No available calibration points



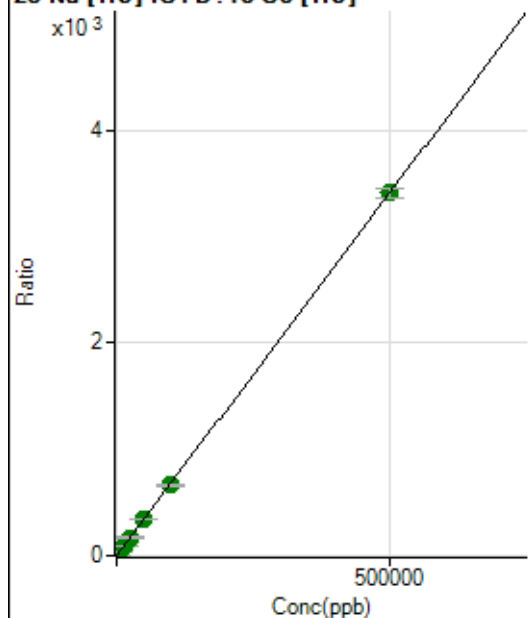
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3969351.09		A	3.2
2	☐			4339141.88		A	3.2
3	☐			4293676.57		A	2.7
4	☐			4515989.86		A	1.5
5	☐			4814375.24		A	1.1
6	☐			5465492.83		A	1.1
7	☐			6870968.30		A	3.9
8	☐			4892886.56		A	2.1

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			26437.17		P	1.2
2	☐			28868.37		P	1.0
3	☐			29232.43		P	2.5
4	☐			30854.61		P	0.5
5	☐			33915.77		P	1.2
6	☐			40333.03		P	1.1
7	☐			53290.48		P	0.6
8	☐			46555.61		P	1.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	56943.80	0.4408	P	0.7
2	☐	500.000	568.230	560940.32	4.3124	P	2.5
3	☐	5000.000	5215.424	4570167.29	35.9758	A	0.6
4	☐	12500.000	12703.801	10682754.49	86.9974	A	0.2
5	☐	25000.000	25050.445	21070624.41	171.1205	A	1.2
6	☐	50000.000	50328.332	41485510.21	343.3498	A	1.1
7	☐	100000.00	96848.646	79819132.70	660.3131	A	0.2
8	☐	500000.00	500587.59	387324660.89	3,411.1638	A	2.3

$$y = 0.0068 * x + 0.4408$$

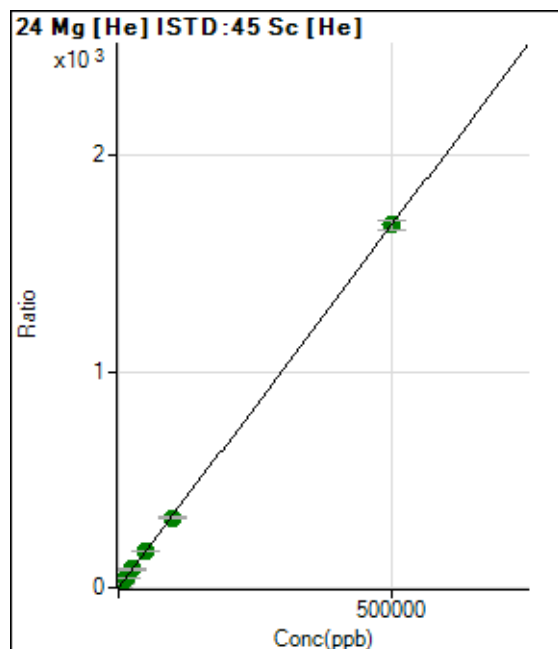
$$R = 1.0000$$

$$DL = 1.454$$

$$BEC = 64.69$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	651.13	0.0050	P	10.6
2	☐	500.000	576.911	252500.10	1.9412	P	3.0
3	☐	5000.000	5367.682	2289081.37	18.0194	A	0.9
4	☐	12500.000	12864.458	5301897.39	43.1792	A	1.2
5	☐	25000.000	25341.153	10472595.19	85.0519	A	1.8
6	☐	50000.000	50504.929	20480482.06	169.5035	A	1.1
7	☐	100000.00	96720.241	39238779.42	324.6057	A	0.7
8	☐	500000.00	500575.53	190751488.27	1,679.9753	A	3.0

$$y = 0.0034 * x + 0.0050$$

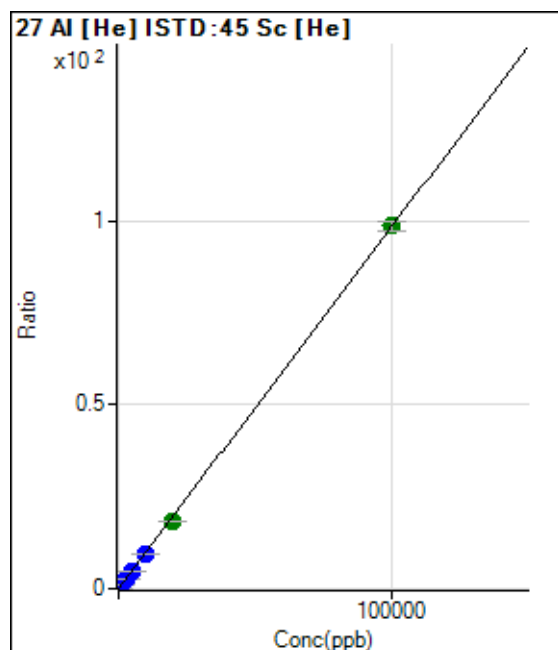
$$R = 1.0000$$

$$DL = 0.4786$$

$$BEC = 1.501$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	432.24	0.0033	P	15.0
2	☐	20.000	22.799	3350.42	0.0258	P	1.5
3	☐	1000.000	1024.576	128374.90	1.0106	P	0.1
4	☐	2500.000	2474.360	299096.42	2.4358	P	0.3
5	☐	5000.000	4878.171	590919.52	4.7989	P	0.4
6	☐	10000.000	9772.566	1161194.88	9.6103	P	0.7
7	☐	20000.000	18532.634	2202662.24	18.2219	A	1.9
8	☐	100000.00	100322.70	11198481.08	98.6260	A	2.8

$$y = 9.8305E-004 * x + 0.0033$$

$$R = 0.9999$$

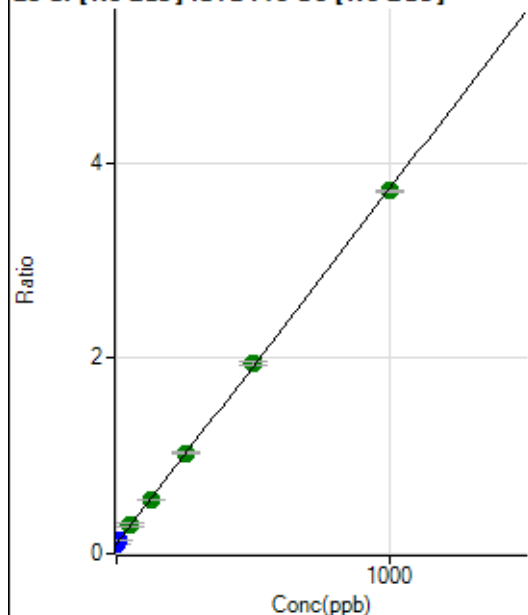
$$DL = 1.534$$

$$BEC = 3.402$$

Weight: <None>

Min Conc: 0

28 Si [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	556996.03	0.1012	P	0.1
2	☐	10.000	7.527	711606.16	0.1285	P	0.7
3	☐	50.000	55.472	1660460.27	0.3026	A	12.2
4	☐	125.000	123.397	2990719.82	0.5492	A	1.2
5	☐	250.000	256.149	5390342.73	1.0311	A	1.0
6	☐	500.000	508.420	10073523.46	1.9469	A	2.3
7	☐	1000.000	994.204	18845330.55	3.7103	A	0.4
8	☐			805363.20	0.1728	P	4.6

$$y = 0.0036 * x + 0.1012$$

R = 0.9999

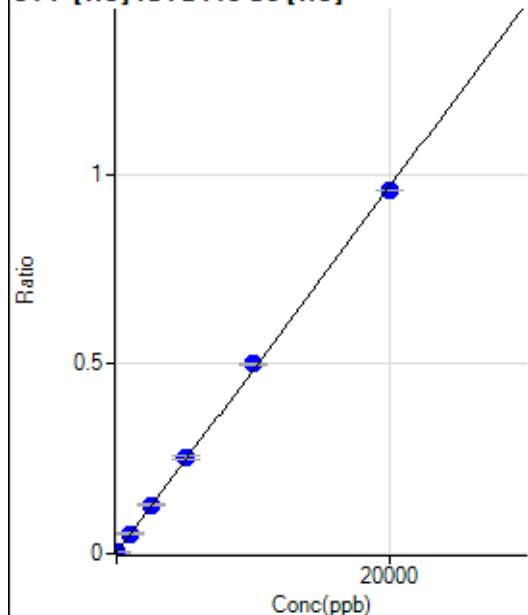
DL = 0.1224

BEC = 27.88

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-18.209	151.11	0.0012	P	27.3
2	☐	0.000	18.209	381.12	0.0029	P	3.3
3	☐	1000.000	1055.208	6736.07	0.0530	P	1.5
4	☐	2500.000	2633.166	15870.98	0.1293	P	1.8
5	☐	5000.000	5203.322	31201.31	0.2534	P	3.4
6	☐	10000.000	10308.643	60422.76	0.5001	P	0.5
7	☐	20000.000	19775.442	115732.32	0.9574	P	0.2
8	☐			150.00	0.0013	P	14.4

$$y = 4.8311E-005 * x + 0.0020$$

R = 0.9998

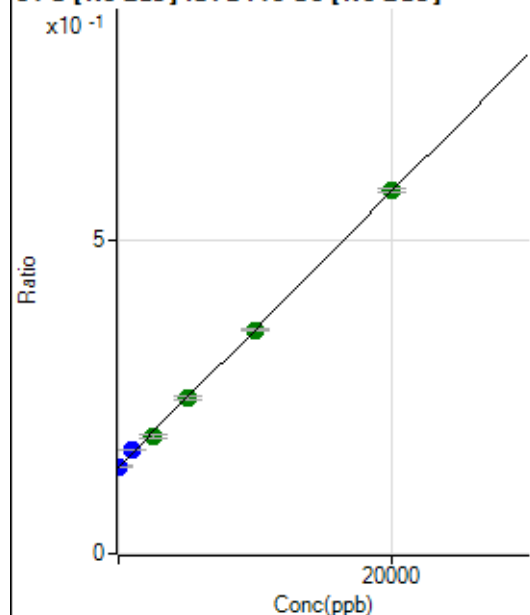
DL = 12.92

BEC = 42.42

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	34.329	768789.19	0.1397	P	1.2
2	☐	0.000	-34.329	765083.71	0.1382	P	0.4
3	☐	1000.000	1224.295	910977.49	0.1659	P	0.6
4	☐	2500.000	2196.850	1019878.09	0.1873	A	2.3
5	☐	5000.000	5036.822	1305654.39	0.2498	A	2.1
6	☐	10000.000	9947.596	1851542.73	0.3578	A	1.2
7	☐	20000.000	20043.675	2945577.56	0.5799	A	1.1
8	☐			542986.33	0.1165	P	0.9

$$y = 2.2000E-005 * x + 0.1390$$

R = 0.9998

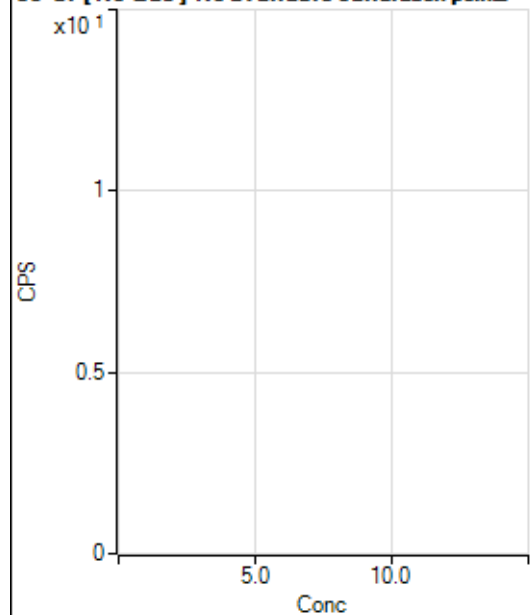
DL = 151.6

BEC = 6317

Weight: <None>

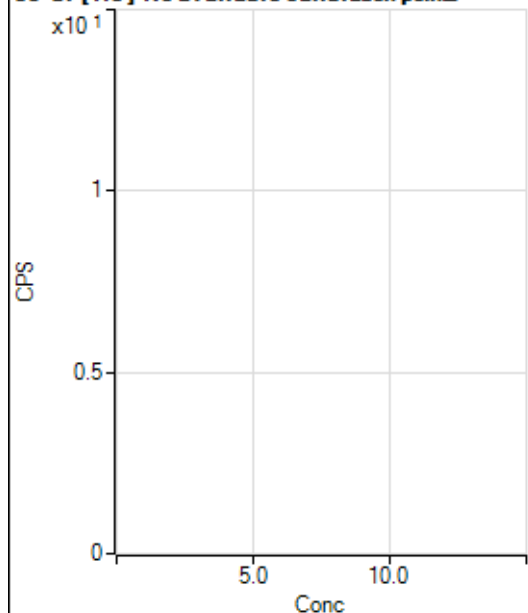
Min Conc: 0

35 Cl [No Gas] No available calibration points



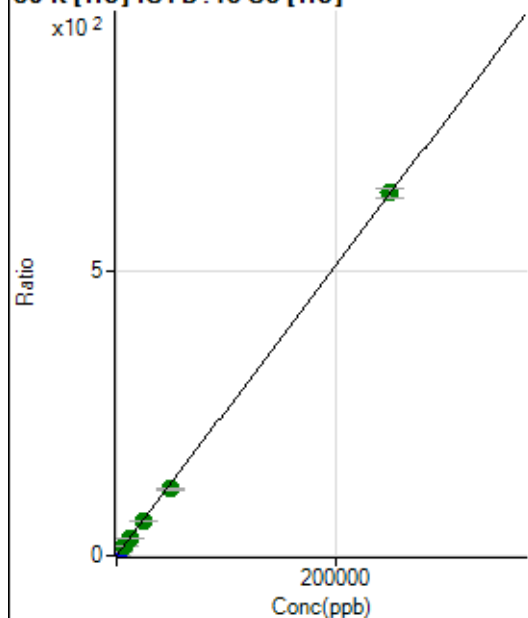
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			128921.09		P	0.2
2	☐			136963.89		P	0.2
3	☐			135365.70		P	1.1
4	☐			142931.62		P	0.6
5	☐			152512.48		P	0.6
6	☐			171355.40		P	1.2
7	☐			212550.08		P	1.5
8	☐			124929.82		P	1.4

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			594.46		P	5.3
2	☐			630.02		P	1.9
3	☐			613.36		P	13.1
4	☐			628.91		P	7.1
5	☐			675.58		P	5.7
6	☐			825.59		P	5.6
7	☐			1053.38		P	3.1
8	☐			647.80		P	3.0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	20095.14	0.1556	P	2.8
2	☐	500.000	514.537	190592.43	1.4652	P	2.1
3	☐	2500.000	2484.869	823207.06	6.4803	P	0.5
4	☐	6250.000	6042.079	1907507.53	15.5344	A	0.5
5	☐	12500.000	11867.782	3738566.47	30.3624	A	1.5
6	☐	25000.000	23731.943	7317588.50	60.5600	A	0.2
7	☐	50000.000	45917.326	14146115.90	117.0280	A	1.2
8	☐	250000.00	250980.27	72551961.14	638.9704	A	2.8

$$y = 0.0025 * x + 0.1556$$

$$R = 0.9999$$

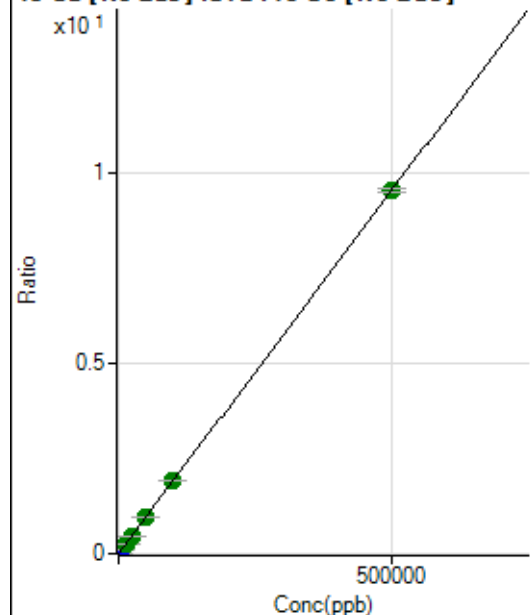
$$DL = 5.136$$

$$BEC = 61.13$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2354.66	0.0004	P	3.1
2	☐	500.000	537.780	59037.16	0.0107	P	1.6
3	☐	5000.000	5215.029	547351.91	0.0997	P	1.9
4	☐	12500.000	12509.699	1299084.20	0.2385	A	0.9
5	☐	25000.000	24870.404	2476880.43	0.4738	A	1.5
6	☐	50000.000	50229.906	4949616.97	0.9565	A	1.3
7	☐	100000.00	100846.78	9751667.63	1.9199	A	1.6
8	☐	500000.00	499811.70	44343881.56	9.5136	A	1.2

$$y = 1.9034E-005 * x + 4.2801E-004$$

$$R = 1.0000$$

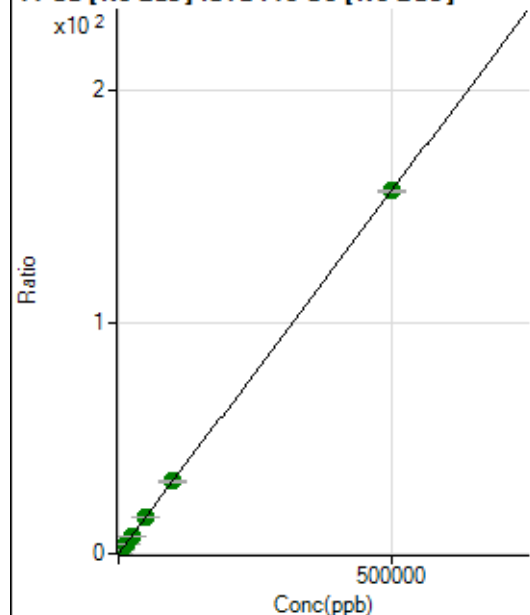
$$DL = 2.079$$

$$BEC = 22.49$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	61195.20	0.0111	P	1.5
2	☐	500.000	536.122	991788.03	0.1792	P	0.4
3	☐	5000.000	5027.813	8714604.66	1.5871	A	1.0
4	☐	12500.000	12268.393	21002123.57	3.8566	A	1.2
5	☐	25000.000	24607.966	40384170.51	7.7244	A	1.0
6	☐	50000.000	49724.873	80706706.02	15.5972	A	1.4
7	☐	100000.00	99894.044	159094362.07	31.3225	A	1.4
8	☐	500000.00	500073.78	730652406.89	156.7571	A	0.7

$$y = 3.1345E-004 * x + 0.0111$$

$$R = 1.0000$$

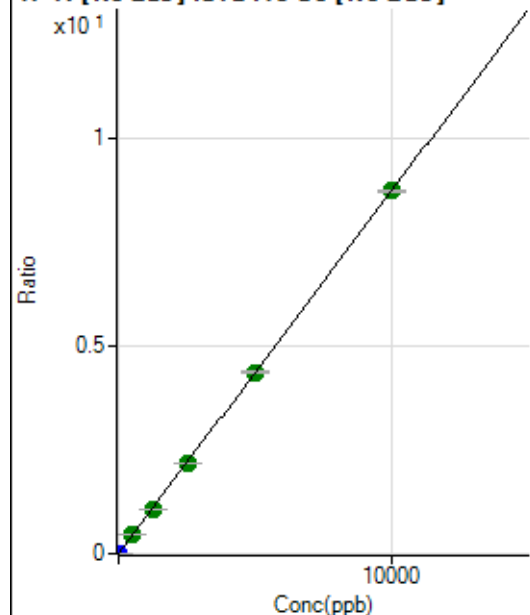
$$DL = 1.624$$

$$BEC = 35.48$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	342.23	0.0001	P	3.5
2	☐	5.000	5.432	26611.37	0.0048	P	0.6
3	☐	500.000	511.631	2454307.77	0.4470	A	1.3
4	☐	1250.000	1217.281	5791193.04	1.0634	A	0.7
5	☐	2500.000	2493.991	11390515.39	2.1786	A	0.4
6	☐	5000.000	5006.583	22629848.83	4.3734	A	1.4
7	☐	10000.000	10001.719	44374811.01	8.7367	A	0.5
8	☐			3510.47	0.0008	P	1.4

$$y = 8.7351E-004 * x + 6.2192E-005$$

R = 1.0000

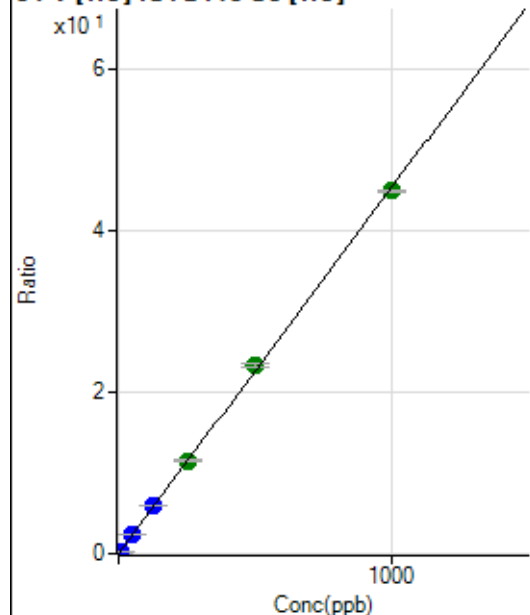
DL = 0.007411

BEC = 0.0712

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28.89	0.0002	P	14.4
2	☐	5.000	5.503	32509.15	0.2499	P	3.7
3	☐	50.000	52.511	302726.03	2.3830	P	0.2
4	☐	125.000	128.987	718743.01	5.8533	P	0.3
5	☐	250.000	254.654	1422983.35	11.5556	A	0.4
6	☐	500.000	513.536	2815499.75	23.3030	A	2.0
7	☐	1000.000	991.442	5438312.00	44.9889	A	0.4
8	☐			1422.31	0.0125	P	6.2

$$y = 0.0454 * x + 2.2385E-004$$

R = 0.9999

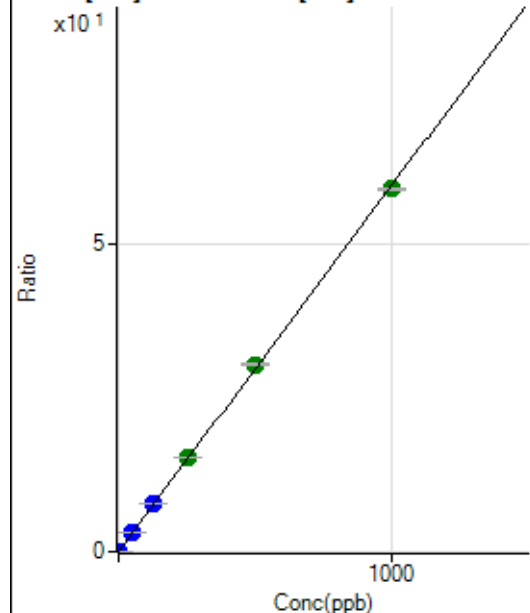
DL = 0.002133

BEC = 0.004933

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1762.36	0.0136	P	5.0
2	☐	2.000	2.196	18747.95	0.1441	P	2.1
3	☐	50.000	52.916	401239.74	3.1586	P	0.5
4	☐	125.000	130.004	950433.75	7.7401	P	0.4
5	☐	250.000	259.058	1897588.29	15.4102	A	0.7
6	☐	500.000	511.042	3671533.17	30.3863	A	0.7
7	☐	1000.000	991.443	7124461.35	58.9379	A	0.6
8	☐			61071.81	0.5379	P	3.3

$$y = 0.0594 * x + 0.0136$$

$$R = 0.9999$$

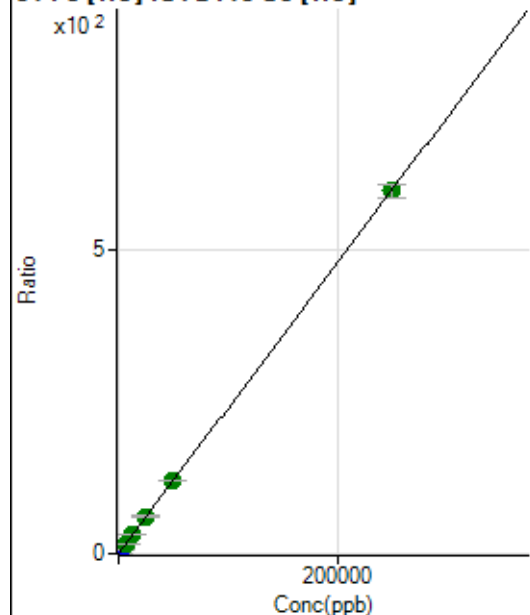
$$DL = 0.03467$$

$$BEC = 0.2295$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1021.16	0.0079	P	4.2
2	☐	50.000	57.533	18962.69	0.1458	P	3.9
3	☐	2500.000	2703.011	823981.86	6.4864	P	0.4
4	☐	6250.000	6729.972	1981663.75	16.1380	A	1.0
5	☐	12500.000	13019.698	3843593.94	31.2129	A	1.1
6	☐	25000.000	25820.405	7478454.54	61.8931	A	0.6
7	☐	50000.000	50123.372	14522987.56	120.1414	A	1.2
8	☐	250000.00	249853.26	67993923.99	598.8452	A	3.9

$$y = 0.0024 * x + 0.0079$$

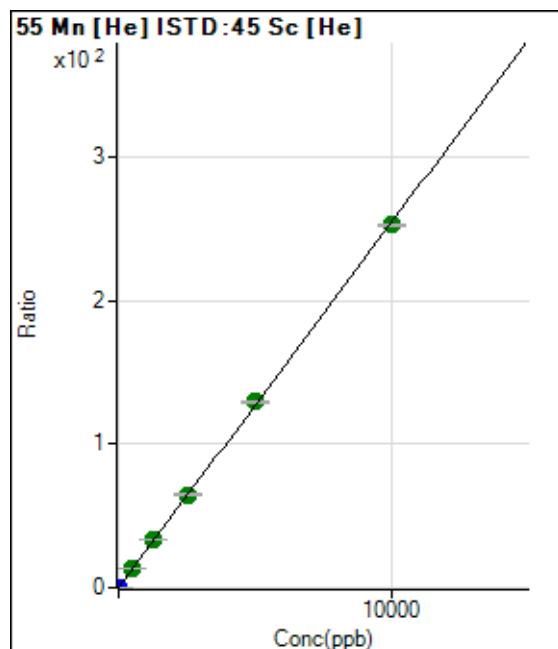
$$R = 1.0000$$

$$DL = 0.4111$$

$$BEC = 3.298$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1078.94	0.0084	P	4.2
2	☐	1.000	1.102	4735.28	0.0364	P	3.1
3	☐	500.000	530.778	1716602.20	13.5128	A	0.9
4	☐	1250.000	1306.064	4081461.95	33.2382	A	0.2
5	☐	2500.000	2542.177	7965592.03	64.6884	A	1.0
6	☐	5000.000	5093.830	15660030.04	129.6094	A	1.3
7	☐	10000.000	9933.994	30553239.82	252.7566	A	0.5
8	☐			15933.48	0.1403	P	2.9

$$y = 0.0254 * x + 0.0084$$

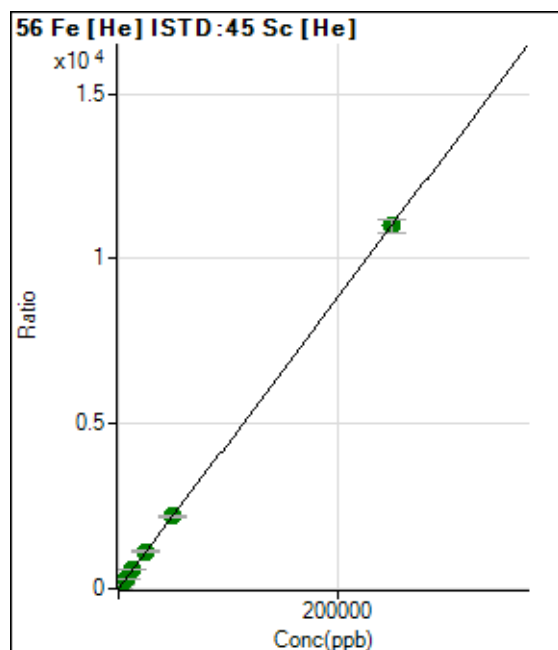
$$R = 0.9999$$

$$DL = 0.04161$$

$$BEC = 0.3283$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	13160.59	0.1019	P	2.2
2	☐	50.000	56.341	335696.12	2.5806	P	2.3
3	☐	2500.000	2680.235	14992305.05	118.0197	A	0.9
4	☐	6250.000	6600.541	35670648.63	290.4949	A	0.1
5	☐	12500.000	12890.349	69844198.40	567.2172	A	0.9
6	☐	25000.000	25807.296	137198072.40	1,135.5026	A	1.3
7	☐	50000.000	49721.020	264432602.73	2,187.5950	A	1.0
8	☐	250000.00	249944.98	1248546256.9	10,996.515	A	3.9

$$y = 0.0440 * x + 0.1019$$

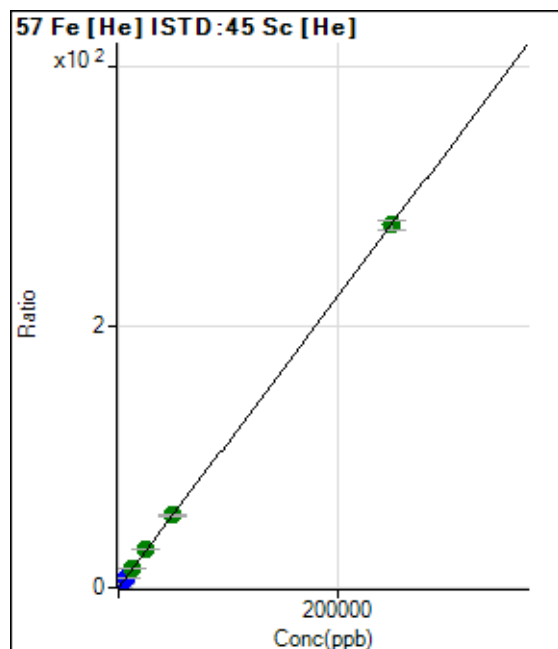
$$R = 1.0000$$

$$DL = 0.1531$$

$$BEC = 2.316$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	263.34	0.0020	P	16.6
2	☐	50.000	56.593	8454.79	0.0650	P	3.2
3	☐	2500.000	2658.370	376002.06	2.9599	P	0.2
4	☐	6250.000	6518.644	890845.20	7.2550	P	0.4
5	☐	12500.000	13091.983	1793947.16	14.5688	A	0.5
6	☐	25000.000	26197.949	3522260.40	29.1510	A	0.7
7	☐	50000.000	49796.054	6697620.18	55.4073	A	0.6
8	☐	250000.00	249883.09	31569193.70	278.0328	A	3.0

$$y = 0.0011 * x + 0.0020$$

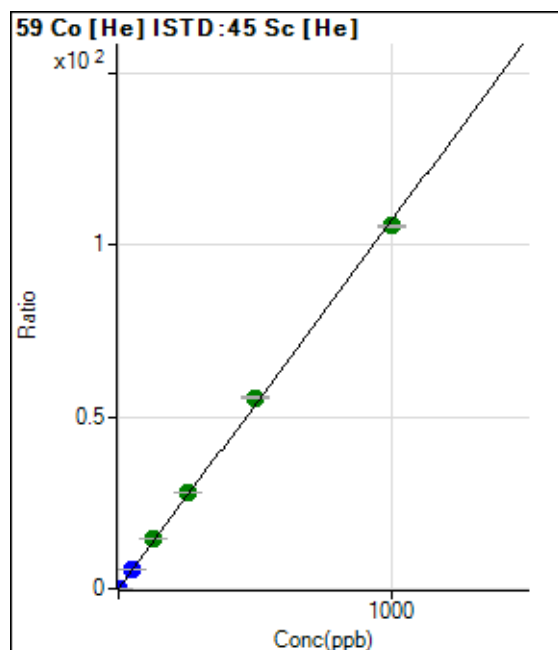
$$R = 1.0000$$

$$DL = 0.9121$$

$$BEC = 1.834$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	128.89	0.0010	P	25.1
2	☐	1.000	1.192	16736.61	0.1287	P	2.2
3	☐	50.000	53.409	726768.42	5.7210	P	0.1
4	☐	125.000	134.676	1771299.97	14.4246	A	0.8
5	☐	250.000	259.777	3426040.78	27.8227	A	0.3
6	☐	500.000	520.011	6729443.65	55.6935	A	0.5
7	☐	1000.000	986.170	12767302.03	105.6185	A	0.4
8	☐			26462.41	0.2331	P	3.7

$$y = 0.1071 * x + 9.9718E-004$$

$$R = 0.9996$$

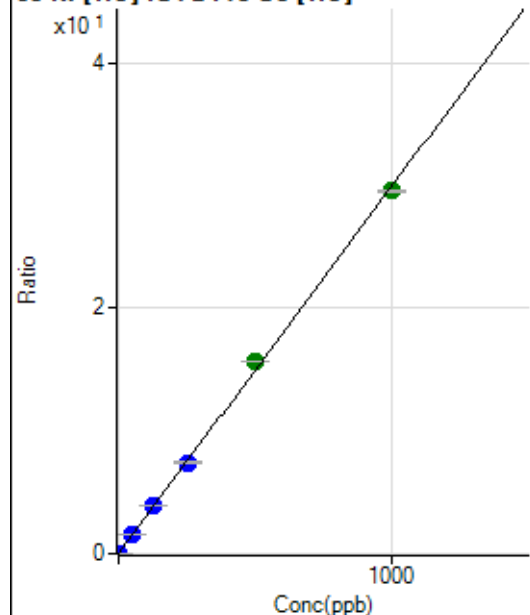
$$DL = 0.00701$$

$$BEC = 0.009311$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1935.71	0.0150	P	1.1
2	☐	1.000	0.909	5483.33	0.0422	P	2.7
3	☐	50.000	52.599	201755.47	1.5882	P	0.2
4	☐	125.000	128.893	475230.25	3.8701	P	0.4
5	☐	250.000	248.385	916624.12	7.4441	P	0.7
6	☐	500.000	522.596	1890508.91	15.6456	A	0.3
7	☐	1000.000	988.489	3575658.49	29.5803	A	0.2
8	☐			16346.17	0.1440	P	3.3

$$y = 0.0299 * x + 0.0150$$

$$R = 0.9996$$

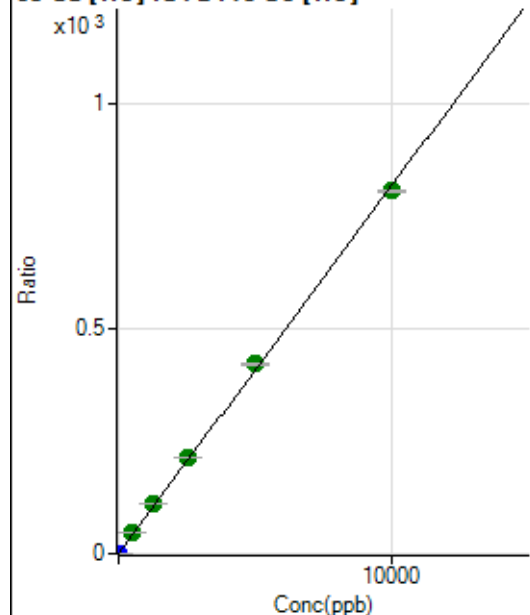
$$DL = 0.01705$$

$$BEC = 0.501$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3499.37	0.0271	P	2.5
2	☐	2.000	2.415	29167.78	0.2242	P	1.4
3	☐	500.000	550.790	5715010.82	44.9884	A	0.5
4	☐	1250.000	1352.624	13561737.85	110.4426	A	0.5
5	☐	2500.000	2624.481	26383727.66	214.2651	A	0.7
6	☐	5000.000	5174.900	51045183.13	422.4573	A	1.0
7	☐	10000.000	9866.062	97356078.55	805.3998	A	0.6
8	☐			25557.51	0.2251	P	2.9

$$y = 0.0816 * x + 0.0271$$

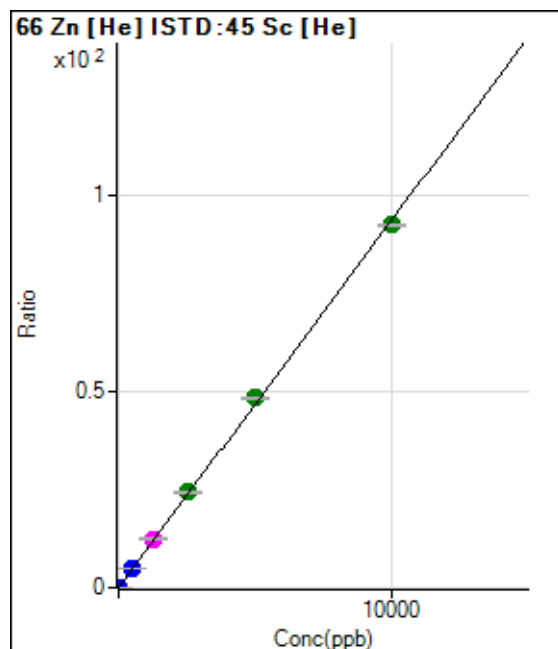
$$R = 0.9997$$

$$DL = 0.02479$$

$$BEC = 0.3319$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3508.25	0.0272	P	3.0
2	☐	2.000	5.372	10065.88	0.0774	P	1.8
3	☐	500.000	527.682	630128.99	4.9604	P	0.8
4	☐	1250.000	1332.394	1533014.61	12.4835	M	2.0
5	☐	2500.000	2610.476	3008254.61	24.4321	A	2.1
6	☐	5000.000	5161.666	5833880.54	48.2829	A	1.3
7	☐	10000.000	9879.864	11168407.19	92.3926	A	0.6
8	☐			65472.51	0.5766	P	3.2

$$y = 0.0093 * x + 0.0272$$

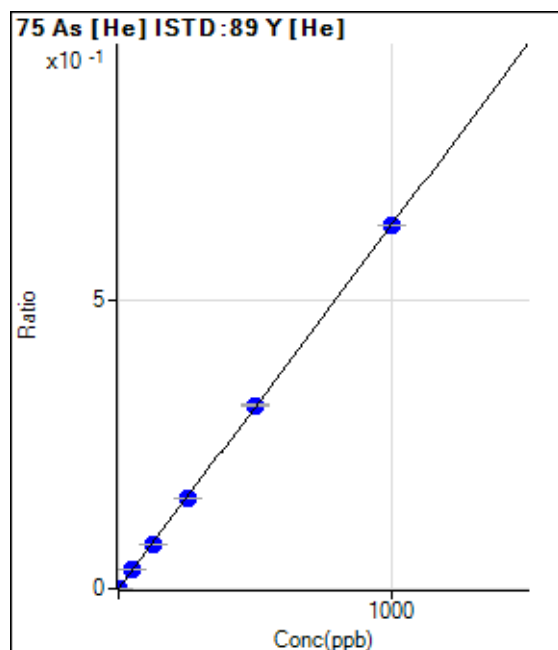
$$R = 0.9997$$

$$DL = 0.2571$$

$$BEC = 2.905$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4.44	0.0000	P	114.
2	☐	1.000	1.055	835.59	0.0007	P	1.7
3	☐	50.000	50.900	39478.49	0.0321	P	1.3
4	☐	125.000	123.051	93554.38	0.0775	P	1.2
5	☐	250.000	249.350	186788.36	0.1570	P	0.4
6	☐	500.000	505.059	367764.06	0.3181	P	0.1
7	☐	1000.000	997.832	712945.00	0.6284	P	0.2
8	☐			345.56	0.0003	P	3.2

$$y = 6.2980E-004 * x + 3.5850E-006$$

$$R = 1.0000$$

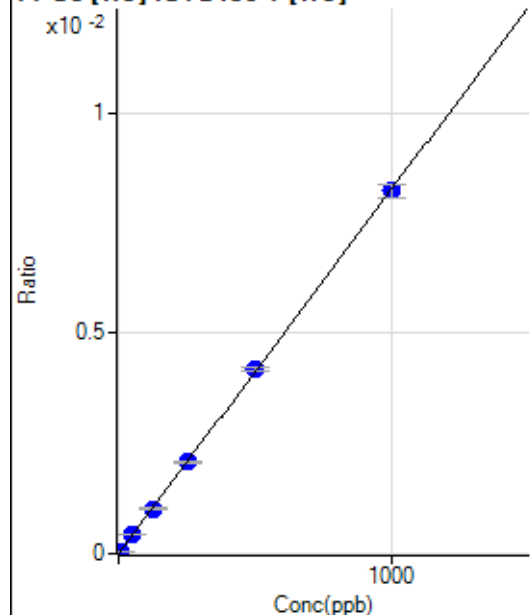
$$DL = 0.01958$$

$$BEC = 0.005692$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	5.050	52.22	0.0000	P	28.9
3	☐	50.000	52.047	530.02	0.0004	P	4.3
4	☐	125.000	123.119	1228.96	0.0010	P	5.3
5	☐	250.000	251.370	2472.46	0.0021	P	3.2
6	☐	500.000	507.863	4855.33	0.0042	P	2.0
7	☐	1000.000	995.859	9342.07	0.0082	P	3.8
8	☐			7.78	0.0000	P	49.6

$$y = 8.2696E-006 * x + 0.0000E+000$$

$$R = 0.9999$$

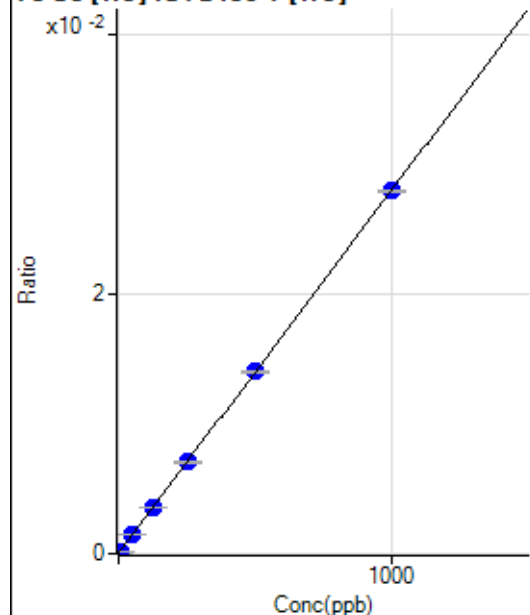
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	34.44	0.0000	P	55.9
2	☐	5.000	4.954	207.78	0.0002	P	17.0
3	☐	50.000	50.713	1777.91	0.0014	P	3.1
4	☐	125.000	125.869	4276.25	0.0035	P	3.7
5	☐	250.000	251.559	8387.01	0.0071	P	2.4
6	☐	500.000	501.445	16219.43	0.0140	P	1.2
7	☐	1000.000	998.744	31668.93	0.0279	P	0.5
8	☐			55.56	0.0000	P	20.8

$$y = 2.7921E-005 * x + 2.7795E-005$$

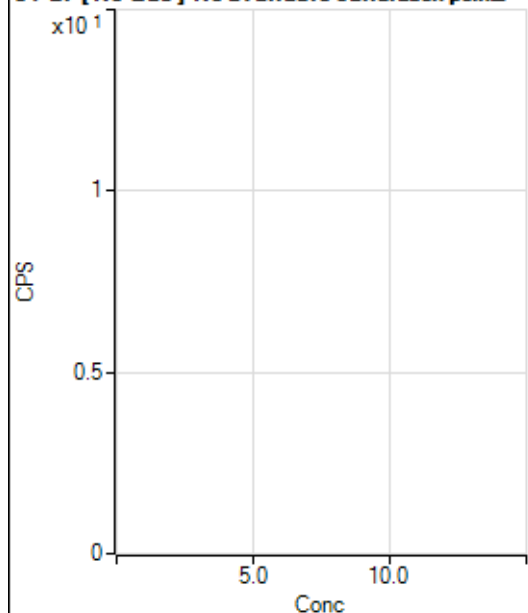
$$R = 1.0000$$

$$DL = 1.671$$

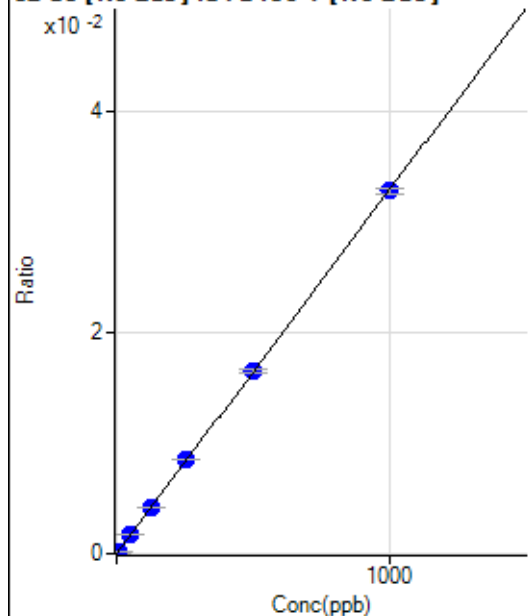
$$BEC = 0.9955$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29175.95		P	1.1
2	☐			29034.52		P	0.9
3	☐			28925.43		P	0.8
4	☐			28388.85		P	1.2
5	☐			27872.31		P	2.9
6	☐			28198.46		P	2.3
7	☐			28542.47		P	2.3
8	☐			26138.87		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0000	P	419.
2	☐	5.000	5.589	2743.71	0.0002	P	4.3
3	☐	50.000	51.682	25130.99	0.0017	P	1.6
4	☐	125.000	127.509	61259.14	0.0042	P	0.6
5	☐	250.000	256.754	120807.64	0.0085	P	0.3
6	☐	500.000	501.406	233844.82	0.0165	P	1.9
7	☐	1000.000	997.208	452634.49	0.0329	P	1.3
8	☐			301.13	0.0000	P	12.3

$$y = 3.2943E-005 * x + 6.7858E-007$$

$$R = 1.0000$$

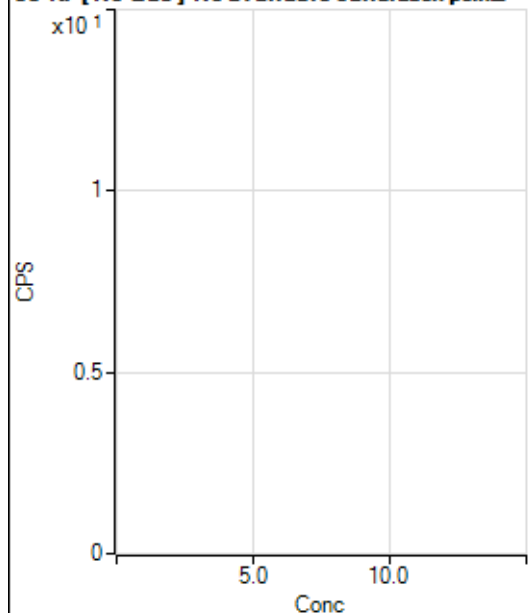
$$DL = 0.2591$$

$$BEC = 0.0206$$

Weight: <None>

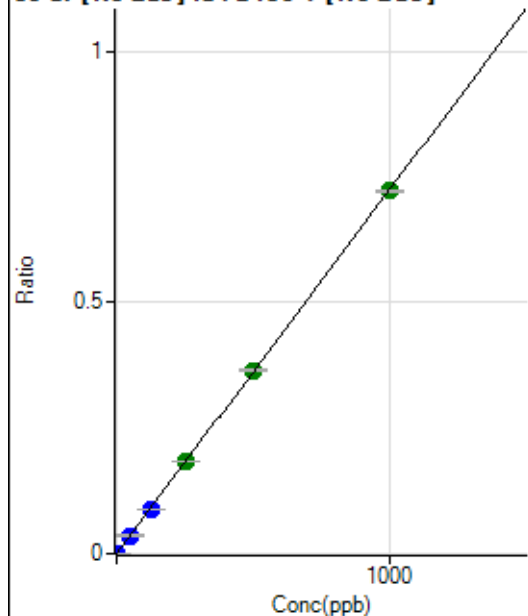
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			372.23		P	5.2
2	☐			384.45		P	14.9
3	☐			354.45		P	1.4
4	☐			373.34		P	2.4
5	☐			423.35		P	3.4
6	☐			391.12		P	13.7
7	☐			426.68		P	9.0
8	☐			473.34		P	8.8

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	691.14	0.0000	P	7.2
2	☐	1.000	1.059	12073.10	0.0008	P	1.9
3	☐	50.000	49.861	533125.10	0.0361	P	1.3
4	☐	125.000	122.549	1293941.99	0.0887	P	0.5
5	☐	250.000	253.143	2616704.94	0.1832	A	1.6
6	☐	500.000	504.412	5168479.37	0.3651	A	1.6
7	☐	1000.000	997.322	9945232.70	0.7218	A	0.3
8	☐			31322.91	0.0024	P	2.7

$$y = 7.2369E-004 * x + 4.7224E-005$$

$$R = 1.0000$$

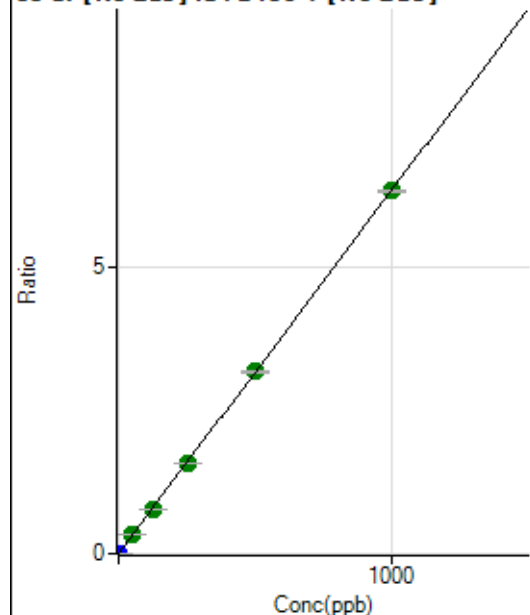
$$DL = 0.01417$$

$$BEC = 0.06525$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	924.49	0.0001	P	4.2
2	☐	1.000	1.057	100466.94	0.0068	P	0.6
3	☐	50.000	50.719	4747571.63	0.3217	A	1.3
4	☐	125.000	123.963	11465358.16	0.7863	A	0.4
5	☐	250.000	249.030	22554944.11	1.5795	A	1.5
6	☐	500.000	502.739	45141376.55	3.1885	A	1.0
7	☐	1000.000	998.967	87296024.26	6.3357	A	0.6
8	☐			269227.12	0.0210	P	1.6

$$y = 0.0063 * x + 6.3185E-005$$

R = 1.0000

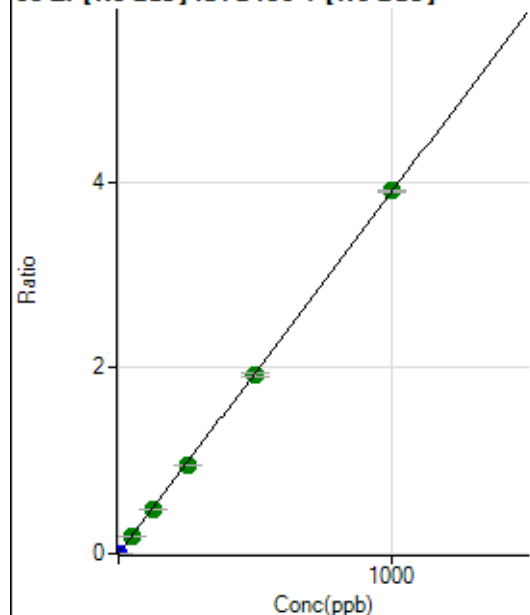
DL = 0.001246

BEC = 0.009963

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1016.72	0.0001	P	2.4
2	☐	1.000	1.042	61266.10	0.0041	P	1.7
3	☐	50.000	50.044	2878262.04	0.1951	A	0.7
4	☐	125.000	121.290	6892029.76	0.4726	A	1.1
5	☐	250.000	244.968	13632124.80	0.9545	A	0.1
6	☐	500.000	496.534	27388637.37	1.9347	A	1.9
7	☐	1000.000	1003.452	53870139.75	3.9097	A	0.3
8	☐			23643.46	0.0018	P	3.2

$$y = 0.0039 * x + 6.9490E-005$$

R = 1.0000

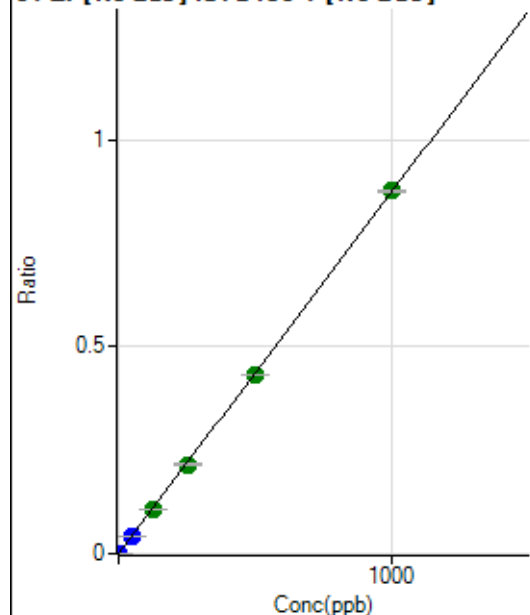
DL = 0.001309

BEC = 0.01784

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD:89 Y [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	196.67	0.0000	P	15.7
2	☐	1.000	1.034	13615.65	0.0009	P	1.5
3	☐	50.000	48.435	625085.00	0.0424	P	0.6
4	☐	125.000	123.189	1570590.77	0.1077	A	2.0
5	☐	250.000	247.120	3086120.06	0.2161	A	1.3
6	☐	500.000	494.941	6126628.10	0.4327	A	0.9
7	☐	1000.000	1003.554	12089571.76	0.8774	A	0.6
8	☐			5359.97	0.0004	P	4.2

$$y = 8.7432E-004 * x + 1.3434E-005$$

$$R = 1.0000$$

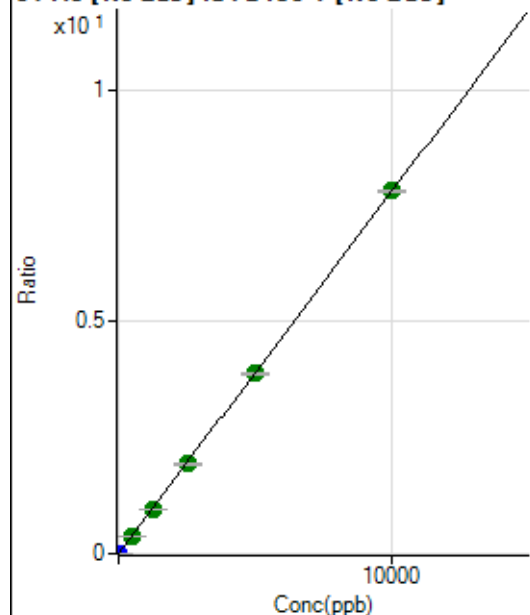
$$DL = 0.007227$$

$$BEC = 0.01537$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	507.80	0.0000	P	12.6
2	☐	5.000	6.176	72009.43	0.0049	P	0.9
3	☐	500.000	492.592	5668591.44	0.3842	A	1.0
4	☐	1250.000	1225.322	13932583.82	0.9555	A	1.3
5	☐	2500.000	2472.054	27531209.04	1.9277	A	1.1
6	☐	5000.000	4970.535	54873081.40	3.8760	A	1.4
7	☐	10000.000	10025.173	107714337.28	7.8176	A	0.4
8	☐			19830.87	0.0015	P	2.9

$$y = 7.7980E-004 * x + 3.4690E-005$$

$$R = 1.0000$$

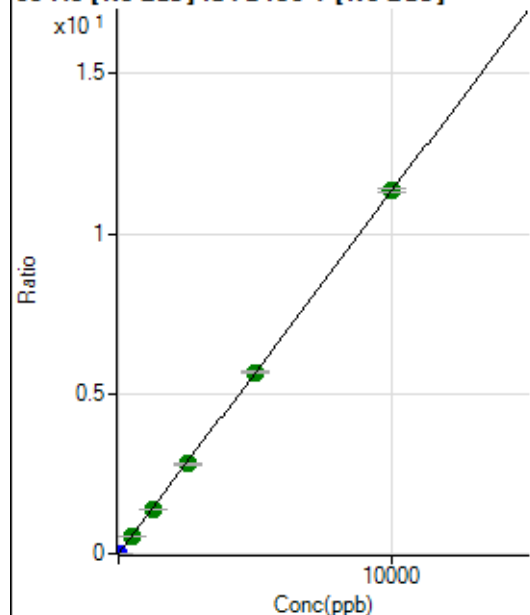
$$DL = 0.01688$$

$$BEC = 0.04449$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	223.34	0.0000	P	19.9
2	☐	5.000	5.104	86014.85	0.0058	P	1.2
3	☐	500.000	493.030	8238801.54	0.5584	A	1.0
4	☐	1250.000	1214.079	20046959.01	1.3749	A	1.8
5	☐	2500.000	2470.586	39958583.29	2.7979	A	1.6
6	☐	5000.000	4998.658	80141379.92	5.6608	A	1.4
7	☐	10000.000	10012.863	156234244.34	11.3392	A	1.2
8	☐			19689.57	0.0015	P	1.7

$$y = 0.0011 * x + 1.5273E-005$$

R = 1.0000

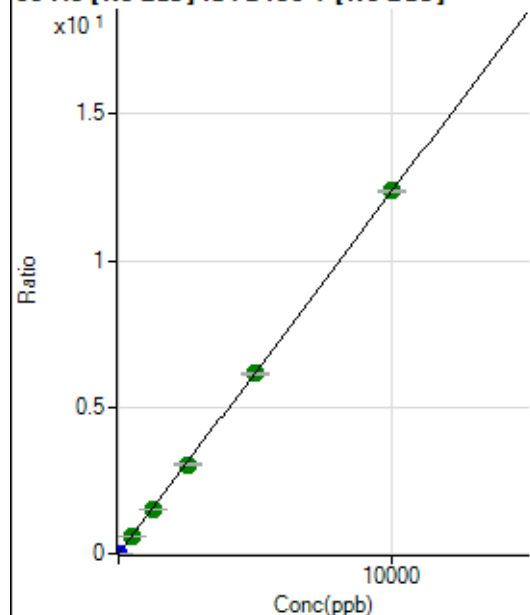
DL = 0.008053

BEC = 0.01349

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	313.34	0.0000	P	8.9
2	☐	5.000	5.208	95762.66	0.0065	P	0.2
3	☐	500.000	487.886	8888308.06	0.6024	A	2.6
4	☐	1250.000	1217.239	21915678.56	1.5030	A	1.1
5	☐	2500.000	2458.039	43347052.68	3.0351	A	1.9
6	☐	5000.000	4971.418	86907263.15	6.1385	A	1.1
7	☐	10000.000	10029.482	170631813.02	12.3841	A	0.6
8	☐			33393.52	0.0026	P	1.1

$$y = 0.0012 * x + 2.1409E-005$$

R = 1.0000

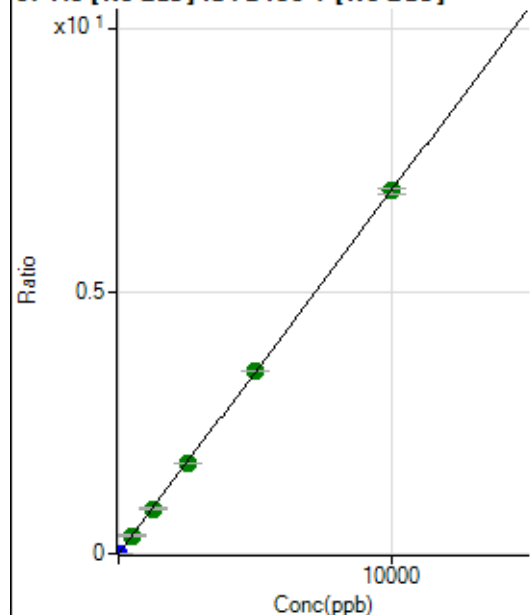
DL = 0.004619

BEC = 0.01734

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	125.56	0.0000	P	11.0
2	☐	5.000	5.252	54100.48	0.0036	P	1.0
3	☐	500.000	498.421	5091590.48	0.3451	A	2.2
4	☐	1250.000	1237.094	12488872.31	0.8565	A	1.4
5	☐	2500.000	2487.001	24592031.02	1.7219	A	1.2
6	☐	5000.000	5029.425	49298659.82	3.4822	A	0.9
7	☐	10000.000	9990.229	95303780.80	6.9169	A	1.4
8	☐			11438.14	0.0009	P	3.6

$$y = 6.9236E-004 * x + 8.5804E-006$$

R = 1.0000

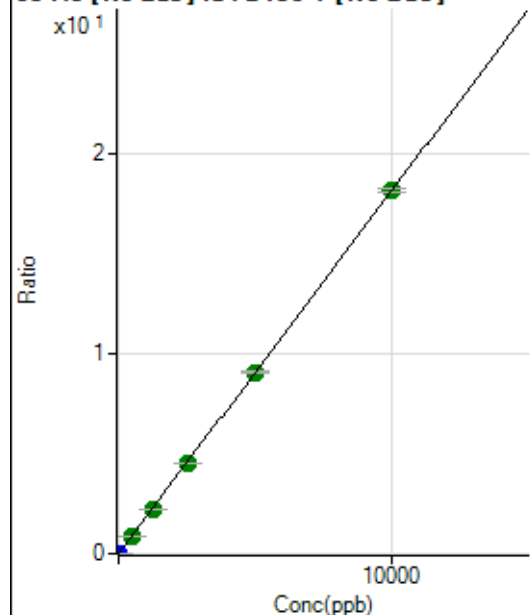
DL = 0.004079

BEC = 0.01239

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	331.12	0.0000	P	8.6
2	☐	5.000	5.148	138618.86	0.0093	P	0.1
3	☐	500.000	495.213	13224775.22	0.8963	A	1.0
4	☐	1250.000	1232.223	32517947.57	2.2301	A	0.8
5	☐	2500.000	2491.615	64405529.04	4.5094	A	1.4
6	☐	5000.000	5003.811	128202049.20	9.0559	A	1.8
7	☐	10000.000	10002.652	249428936.28	18.1028	A	0.9
8	☐			28864.51	0.0023	P	3.5

$$y = 0.0018 * x + 2.2634E-005$$

R = 1.0000

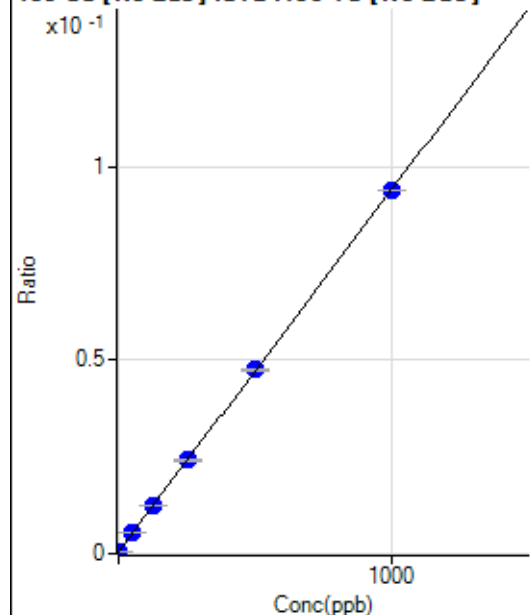
DL = 0.003209

BEC = 0.01251

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5224.38	0.0006	P	3.6
2	☐	1.000	1.281	6335.95	0.0007	P	4.7
3	☐	50.000	53.475	52598.73	0.0055	P	2.2
4	☐	125.000	127.063	118761.99	0.0124	P	1.2
5	☐	250.000	253.851	225997.54	0.0243	P	1.6
6	☐	500.000	502.980	440207.91	0.0475	P	1.4
7	☐	1000.000	997.115	844228.34	0.0937	P	0.1
8	☐			4840.90	0.0006	P	3.6

$$y = 9.3363\text{E-}005 * x + 5.5687\text{E-}004$$

R = 1.0000

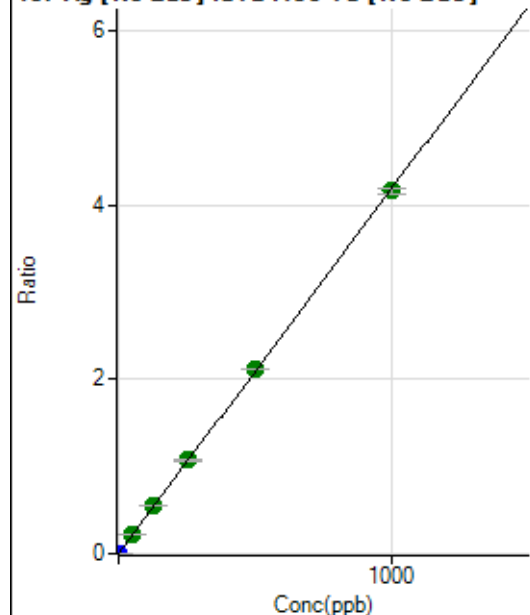
DL = 0.636

BEC = 5.965

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	141.11	0.0000	P	30.2
2	☐	1.000	1.062	41742.90	0.0045	P	1.9
3	☐	50.000	54.703	2168756.44	0.2288	A	2.1
4	☐	125.000	130.982	5239133.70	0.5479	A	0.3
5	☐	250.000	256.364	9989959.51	1.0723	A	2.2
6	☐	500.000	506.031	19608273.18	2.1165	A	0.2
7	☐	1000.000	994.410	37492060.83	4.1592	A	1.4
8	☐			3304.88	0.0004	P	9.9

$$y = 0.0042 * x + 1.5054\text{E-}005$$

R = 0.9999

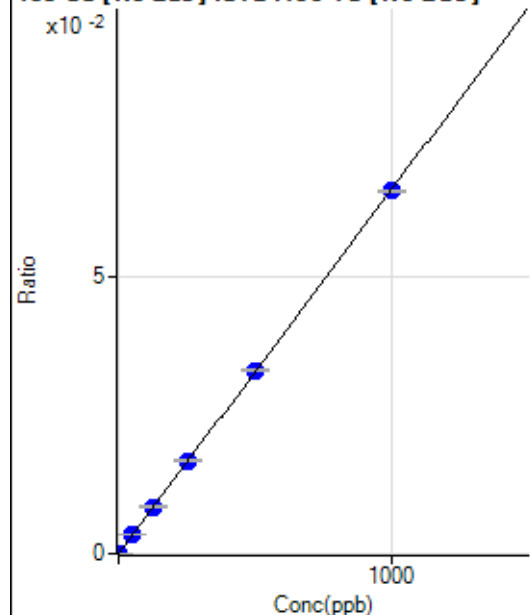
DL = 0.003256

BEC = 0.003599

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	12.22	0.0000	P	55.6
2	☐	1.000	1.128	706.69	0.0001	P	3.5
3	☐	50.000	52.808	32903.67	0.0035	P	0.8
4	☐	125.000	128.118	80498.82	0.0084	P	2.5
5	☐	250.000	254.440	155761.19	0.0167	P	2.5
6	☐	500.000	503.416	306439.50	0.0331	P	0.6
7	☐	1000.000	996.651	590304.40	0.0655	P	0.7
8	☐			227.78	0.0000	P	5.3

$$y = 6.5704E-005 * x + 1.2982E-006$$

$$R = 1.0000$$

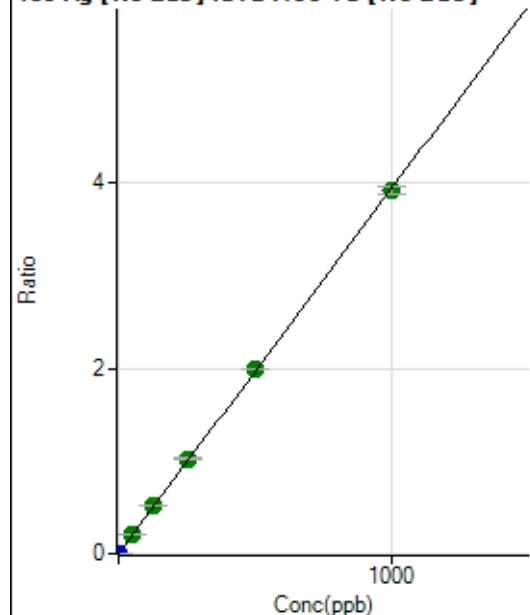
$$DL = 0.03298$$

$$BEC = 0.01976$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	48.89	0.0000	P	20.7
2	☐	1.000	1.069	39476.45	0.0042	P	0.6
3	☐	50.000	53.807	2007202.73	0.2118	A	0.3
4	☐	125.000	130.649	4916504.62	0.5142	A	1.1
5	☐	250.000	259.428	9512393.40	1.0210	A	1.0
6	☐	500.000	505.896	18444197.09	1.9909	A	0.4
7	☐	1000.000	993.799	35252570.59	3.9110	A	2.0
8	☐			3248.20	0.0004	P	7.7

$$y = 0.0039 * x + 5.2168E-006$$

$$R = 0.9999$$

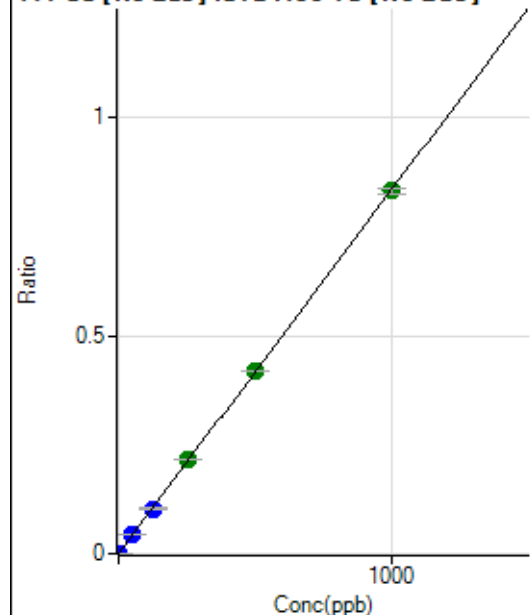
$$DL = 0.000822$$

$$BEC = 0.001326$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3666.29	0.0004	P	3.7
2	☐	1.000	1.126	12448.74	0.0013	P	3.7
3	☐	50.000	50.834	405097.62	0.0427	P	2.6
4	☐	125.000	123.533	987916.85	0.1033	P	0.9
5	☐	250.000	258.543	2010577.20	0.2158	A	1.0
6	☐	500.000	501.464	3874086.44	0.4182	A	0.9
7	☐	1000.000	997.274	7492790.89	0.8312	A	1.6
8	☐			4278.12	0.0005	P	3.5

$$y = 8.3313E-004 * x + 3.9080E-004$$

$$R = 1.0000$$

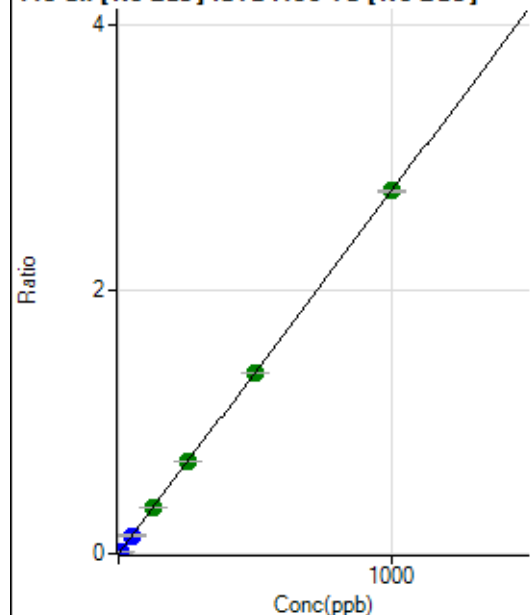
$$DL = 0.05139$$

$$BEC = 0.4691$$

Weight: <None>

Min Conc: 0

118 Sn [No Gas] ISTD:159 Tb [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4182.91	0.0004	P	5.6
2	☐	5.000	5.299	140573.88	0.0150	P	0.6
3	☐	50.000	50.191	1310837.49	0.1383	P	1.0
4	☐	125.000	124.858	3283613.53	0.3434	A	0.3
5	☐	250.000	252.926	6477119.07	0.6951	A	0.3
6	☐	500.000	498.474	12687457.45	1.3695	A	0.5
7	☐	1000.000	1000.038	24762946.85	2.7471	A	0.7
8	☐			7313.14	0.0009	P	2.6

$$y = 0.0027 * x + 4.4598E-004$$

$$R = 1.0000$$

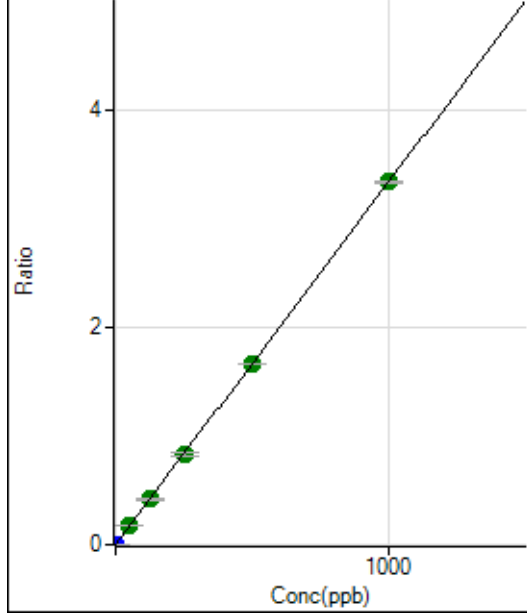
$$DL = 0.02704$$

$$BEC = 0.1624$$

Weight: <None>

Min Conc: 0

121 Sb [No Gas] ISTD :159 Tb [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.00	0.0000	P	39.2
2	☐	2.000	2.104	65992.66	0.0070	P	2.0
3	☐	50.000	51.008	1615908.53	0.1705	A	1.7
4	☐	125.000	124.797	3988824.25	0.4171	A	0.4
5	☐	250.000	249.516	7768539.67	0.8340	A	2.6
6	☐	500.000	498.139	15424214.35	1.6649	A	0.7
7	☐	1000.000	1001.026	30159837.05	3.3457	A	0.4
8	☐			15538.95	0.0019	P	5.1

$$y = 0.0033 * x + 1.0672E-005$$

$$R = 1.0000$$

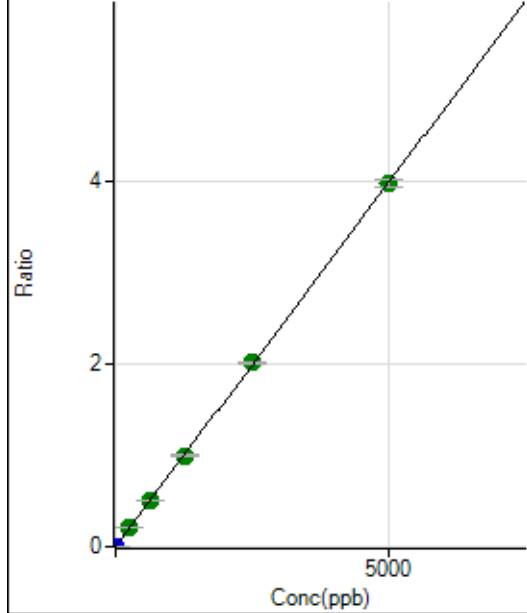
$$DL = 0.00375$$

$$BEC = 0.003193$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	153.33	0.0000	P	28.4
2	☐	10.000	10.605	79309.10	0.0085	P	1.5
3	☐	250.000	255.525	1929419.21	0.2036	A	1.4
4	☐	625.000	628.319	4786364.76	0.5005	A	0.7
5	☐	1250.000	1251.959	9289138.13	0.9973	A	3.5
6	☐	2500.000	2525.866	18640918.89	2.0121	A	0.8
7	☐	5000.000	4985.885	35801691.13	3.9718	A	2.2
8	☐			13415.63	0.0016	P	0.2

$$y = 7.9660E-004 * x + 1.6331E-005$$

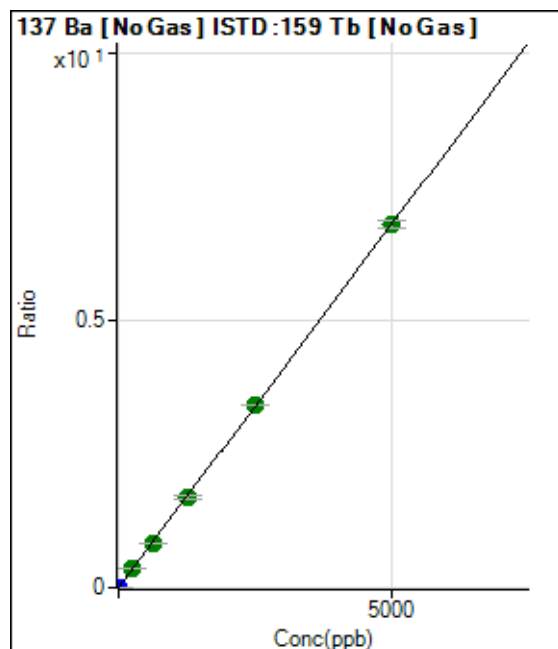
$$R = 1.0000$$

$$DL = 0.01745$$

$$BEC = 0.0205$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	296.67	0.0000	P	1.9
2	☐	10.000	10.643	135832.83	0.0145	P	2.2
3	☐	250.000	256.089	3299159.91	0.3481	A	1.9
4	☐	625.000	617.089	8020534.60	0.8387	A	0.6
5	☐	1250.000	1246.685	15783256.43	1.6944	A	2.9
6	☐	2500.000	2515.412	31673059.53	3.4188	A	0.6
7	☐	5000.000	4993.806	61181455.20	6.7873	A	2.0
8	☐			23349.11	0.0028	P	0.9

$$y = 0.0014 * x + 3.1623E-005$$

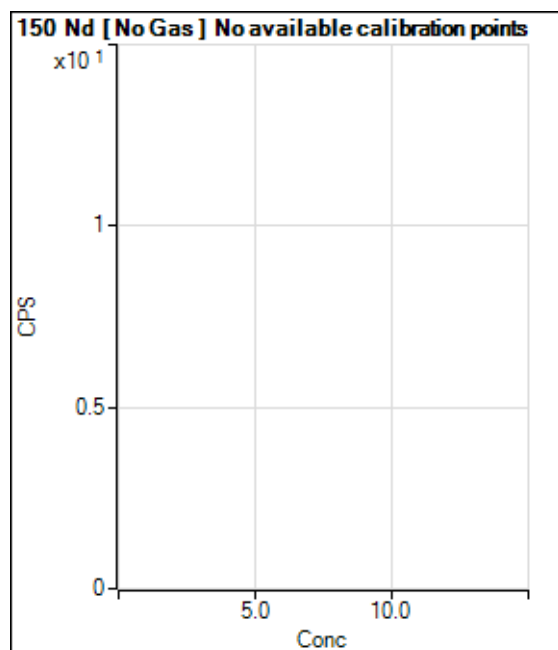
$$R = 1.0000$$

$$DL = 0.001315$$

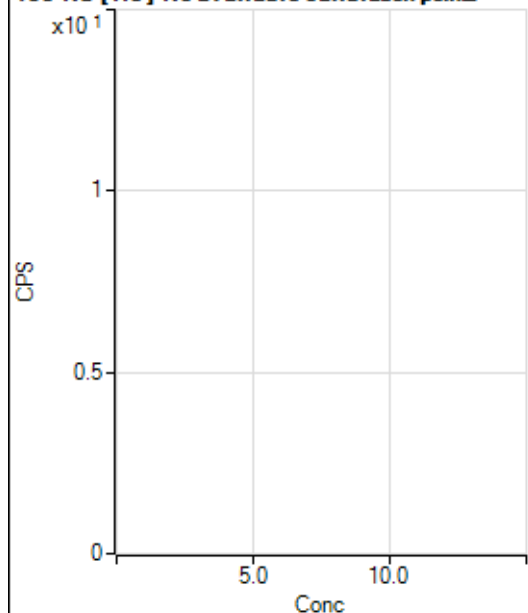
$$BEC = 0.02327$$

Weight: <None>

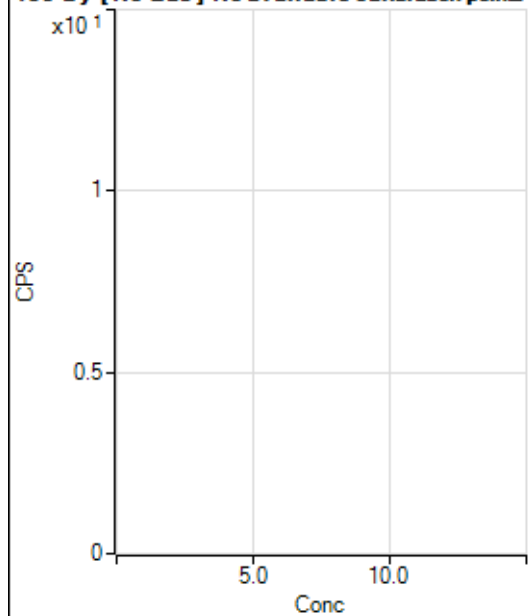
Min Conc: 0



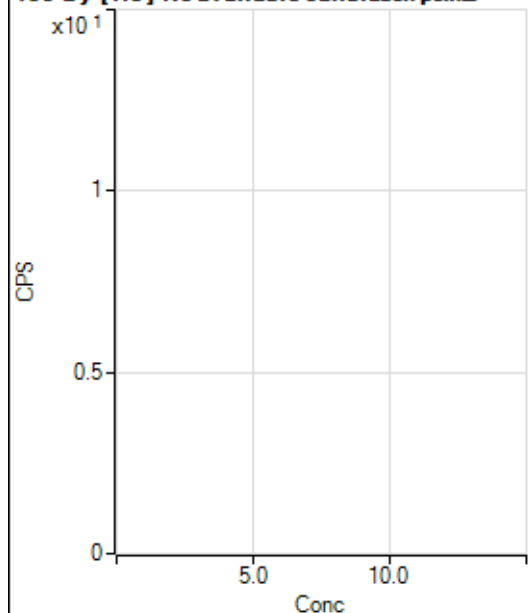
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			10.00		P	33.3
2	☐			17.78		P	28.6
3	☐			140.00		P	20.3
4	☐			298.90		P	9.6
5	☐			603.35		P	5.4
6	☐			1102.28		P	4.6
7	☐			2186.87		P	2.6
8	☐			567.80		P	7.4

150 Nd [He] No available calibration points

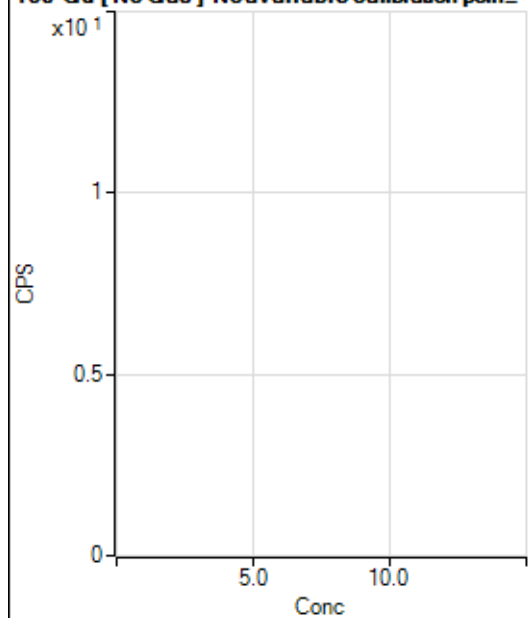
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			0.00		P	
3	☐			8.89		P	142.
4	☐			13.33		P	66.2
5	☐			18.89		P	36.7
6	☐			61.11		P	12.6
7	☐			106.67		P	6.3
8	☐			156.67		P	16.9

156 Dy [No Gas] No available calibration points

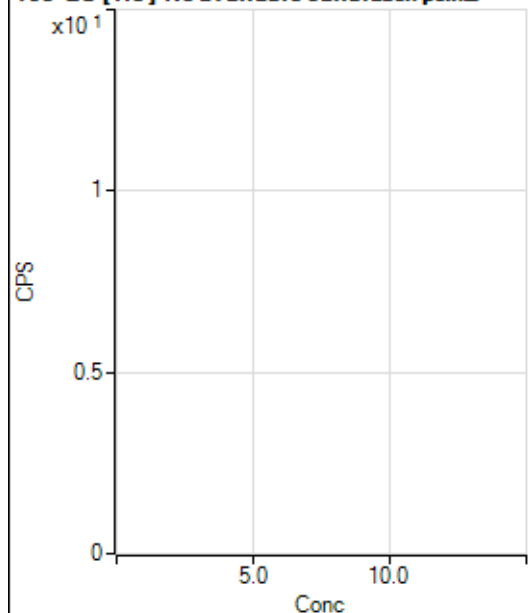
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	24.1
2	☐			18.89		P	44.4
3	☐			40.00		P	46.4
4	☐			92.22		P	21.8
5	☐			166.67		P	5.3
6	☐			353.34		P	7.1
7	☐			630.02		P	5.1
8	☐			991.16		P	10.0

156 Dy [He] No available calibration points

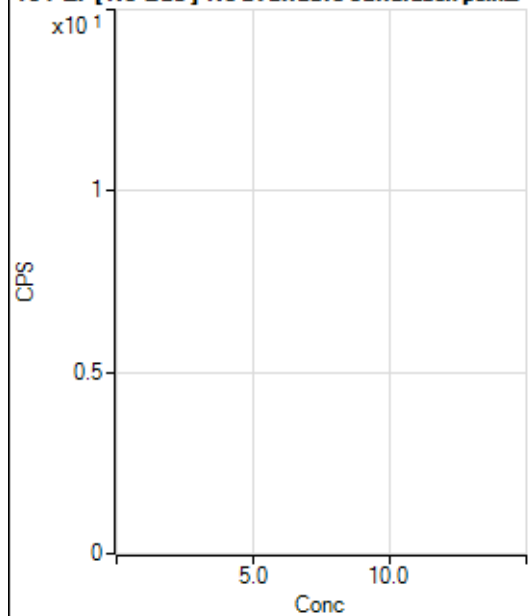
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			7.78		P	65.5
3	☐			10.00		P	88.2
4	☐			12.22		P	41.7
5	☐			25.56		P	7.5
6	☐			57.78		P	29.6
7	☐			105.56		P	14.2
8	☐			327.79		P	7.7

160 Gd [No Gas] Noavailable calibration poin_

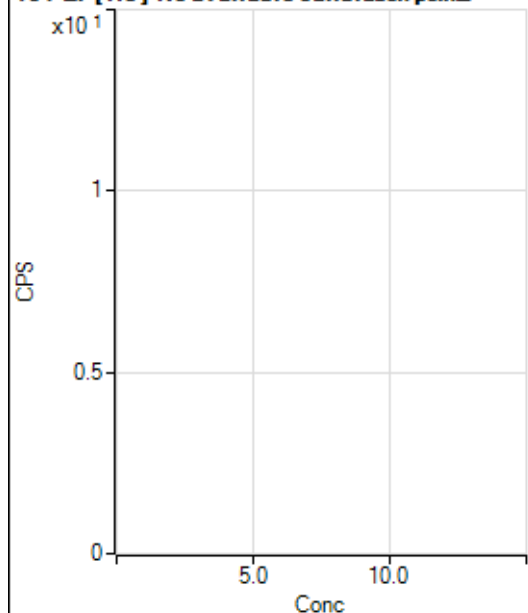
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			81.11		P	6.3
2	☐			70.00		P	4.8
3	☐			91.11		P	20.2
4	☐			117.78		P	22.9
5	☐			115.56		P	4.4
6	☐			166.67		P	6.0
7	☐			342.23		P	13.3
8	☐			854.48		P	9.9

160 Gd [He] No available calibration points

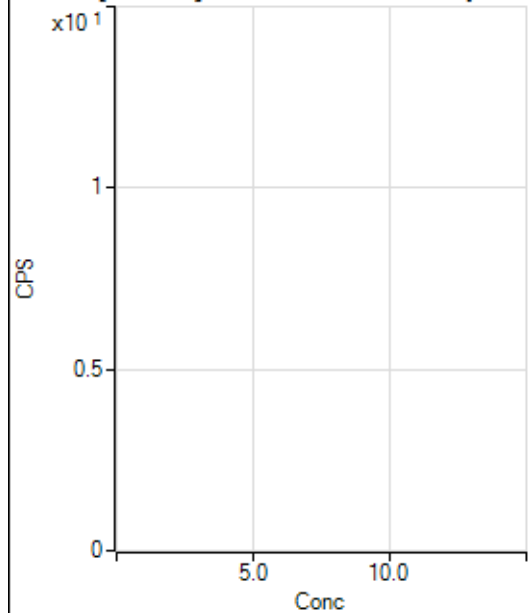
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			16.67		P	72.1
2	☐			26.67		P	12.5
3	☐			22.22		P	31.2
4	☐			28.89		P	58.1
5	☐			45.55		P	23.5
6	☐			62.22		P	8.2
7	☐			110.00		P	38.7
8	☐			372.23		P	8.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			65.56		P	30.6
2	☐			55.56		P	25.0
3	☐			60.00		P	19.2
4	☐			112.22		P	14.9
5	☐			137.78		P	17.2
6	☐			240.01		P	2.8
7	☐			335.56		P	11.9
8	☐			1120.06		P	7.7

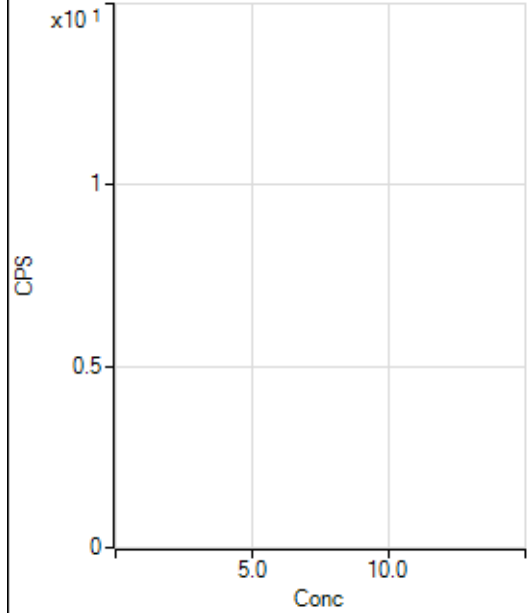
164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.33		P	25.0
2	☐			23.33		P	62.3
3	☐			36.67		P	9.1
4	☐			33.33		P	26.5
5	☐			60.00		P	16.7
6	☐			88.89		P	21.3
7	☐			131.12		P	10.3
8	☐			418.90		P	11.6

172 Yb [No Gas] No available calibration points

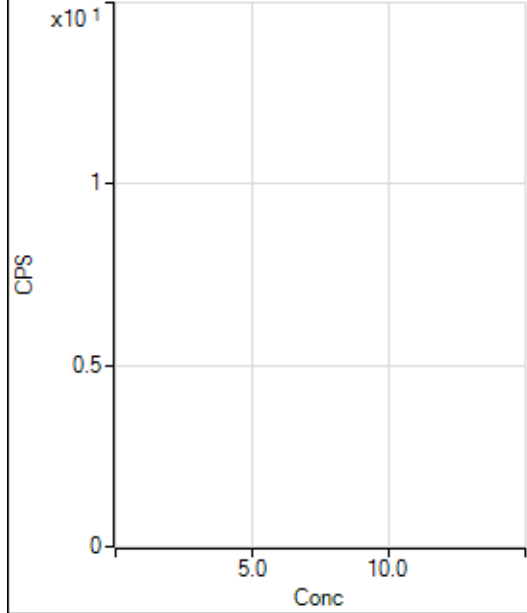
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			53.34		P	43.3
2	☐			64.44		P	23.3
3	☐			77.78		P	6.5
4	☐			115.56		P	15.9
5	☐			170.01		P	30.2
6	☐			241.12		P	7.6
7	☐			457.79		P	6.1
8	☐			1759.02		P	6.5

172 Yb [He] No available calibration points



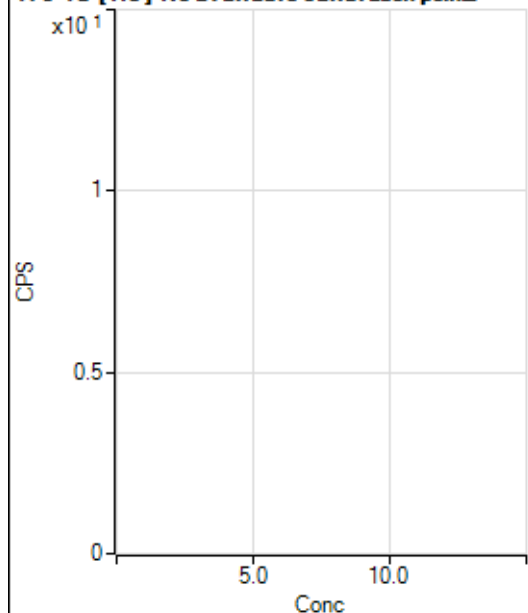
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			24.44		P	39.4
2	☐			24.44		P	39.4
3	☐			32.22		P	33.3
4	☐			38.89		P	19.8
5	☐			63.33		P	9.1
6	☐			132.23		P	11.4
7	☐			164.45		P	17.7
8	☐			816.70		P	10.3

176 Yb [No Gas] No available calibration points



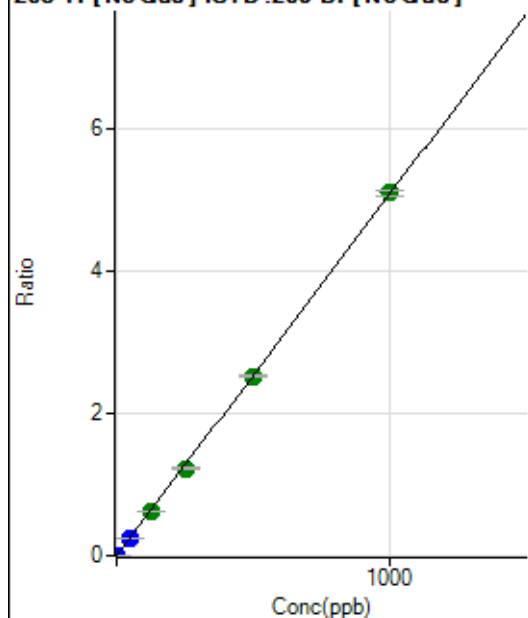
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1191.18		P	3.2
2	☐			1278.97		P	5.5
3	☐			7404.38		P	2.3
4	☐			16788.57		P	1.5
5	☐			31740.40		P	1.4
6	☐			62424.35		P	0.5
7	☐			120643.04		P	1.4
8	☐			2221.32		P	5.2

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			377.79		P	1.3
2	☐			352.23		P	5.2
3	☐			2762.54		P	5.8
4	☐			6264.88		P	0.8
5	☐			12325.85		P	2.3
6	☐			24263.41		P	1.1
7	☐			47380.21		P	1.7
8	☐			803.37		P	8.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	126.67	0.0000	P	22.3
2	☐	1.000	0.999	27446.80	0.0051	P	3.5
3	☐	50.000	47.605	1299488.03	0.2414	P	0.6
4	☐	125.000	122.163	3336307.80	0.6193	A	1.4
5	☐	250.000	242.053	6556408.52	1.2271	A	2.2
6	☐	500.000	496.165	12727417.17	2.5153	A	1.2
7	☐	1000.000	1004.379	24775372.13	5.0917	A	1.8
8	☐			1774.58	0.0004	P	9.5

$$y = 0.0051 * x + 2.3460E-005$$

$$R = 1.0000$$

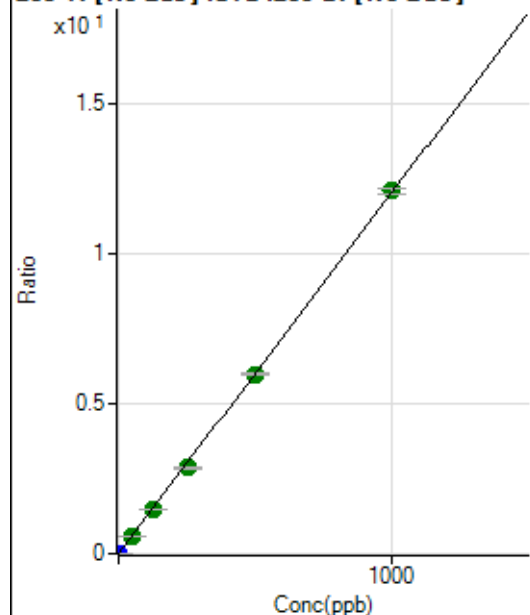
$$DL = 0.003096$$

$$BEC = 0.004628$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	326.67	0.0001	P	3.8
2	☐	1.000	0.992	64811.84	0.0120	P	0.3
3	☐	50.000	48.868	3171157.77	0.5890	A	1.3
4	☐	125.000	120.450	7821316.20	1.4518	A	0.3
5	☐	250.000	238.665	15370466.44	2.8766	A	1.4
6	☐	500.000	496.137	30258605.38	5.9798	A	0.9
7	☐	1000.000	1005.391	58963112.45	12.1177	A	1.5
8	☐			4225.19	0.0010	P	11.8

$$y = 0.0121 * x + 6.0443E-005$$

$$R = 0.9999$$

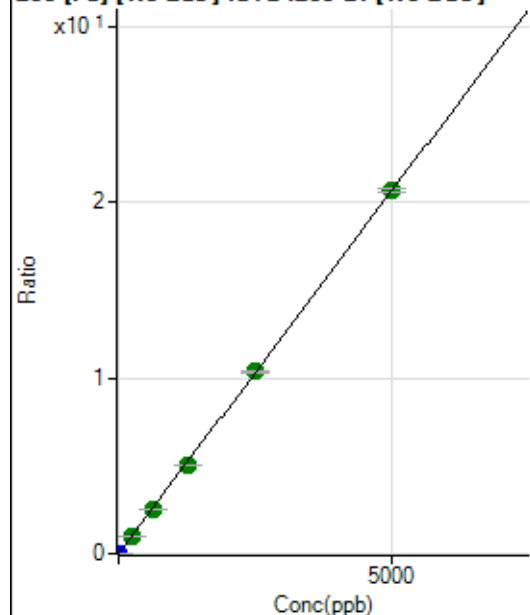
$$DL = 0.0005714$$

$$BEC = 0.005015$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1995.73	0.0004	P	3.9
2	☐	1.000	0.953	23225.29	0.0043	P	1.5
3	☐	250.000	248.059	5517740.41	1.0249	A	1.4
4	☐	625.000	607.724	13522634.38	2.5103	A	1.8
5	☐	1250.000	1224.677	27028022.37	5.0583	A	0.9
6	☐	2500.000	2507.779	52412914.22	10.3576	A	0.6
7	☐	5000.000	5004.698	100578134.06	20.6700	A	1.2
8	☐			102794.52	0.0244	P	0.7

$$y = 0.0041 * x + 3.6929E-004$$

$$R = 1.0000$$

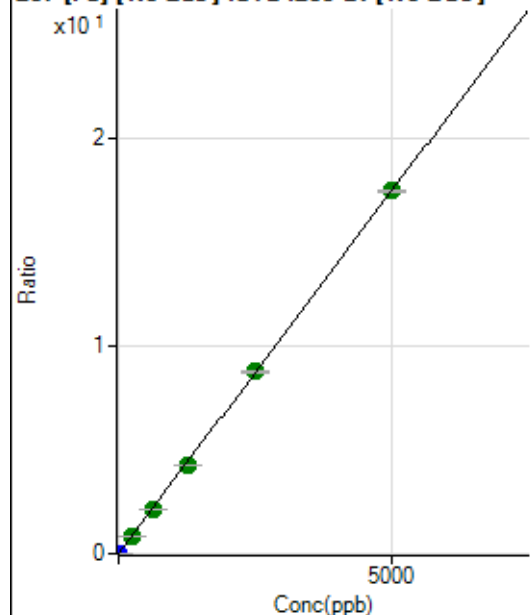
$$DL = 0.01058$$

$$BEC = 0.08942$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1747.91	0.0003	P	4.7
2	☐	1.000	0.973	20104.55	0.0037	P	1.7
3	☐	250.000	249.549	4700770.31	0.8731	A	0.7
4	☐	625.000	606.507	11428597.19	2.1215	A	0.9
5	☐	1250.000	1219.727	22795311.88	4.2662	A	0.8
6	☐	2500.000	2513.957	44493293.23	8.7926	A	0.7
7	☐	5000.000	5002.924	85141751.51	17.4975	A	0.9
8	☐			88253.32	0.0210	P	1.3

$$y = 0.0035 * x + 3.2336E-004$$

$$R = 1.0000$$

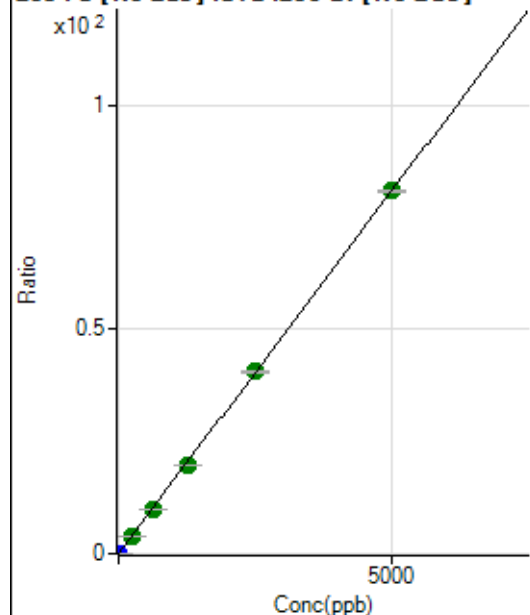
$$DL = 0.01293$$

$$BEC = 0.09246$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	7844.34	0.0015	P	3.2
2	☐	1.000	0.966	92004.19	0.0171	P	0.8
3	☐	250.000	247.836	21550315.41	4.0026	A	0.6
4	☐	625.000	607.734	52864019.77	9.8130	A	0.8
5	☐	1250.000	1221.696	105395722.87	19.7251	A	0.5
6	☐	2500.000	2509.318	205011141.39	40.5131	A	0.4
7	☐	5000.000	5004.684	393165093.58	80.7995	A	0.7
8	☐			405265.29	0.0963	P	0.9

$$y = 0.0161 * x + 0.0015$$

$$R = 1.0000$$

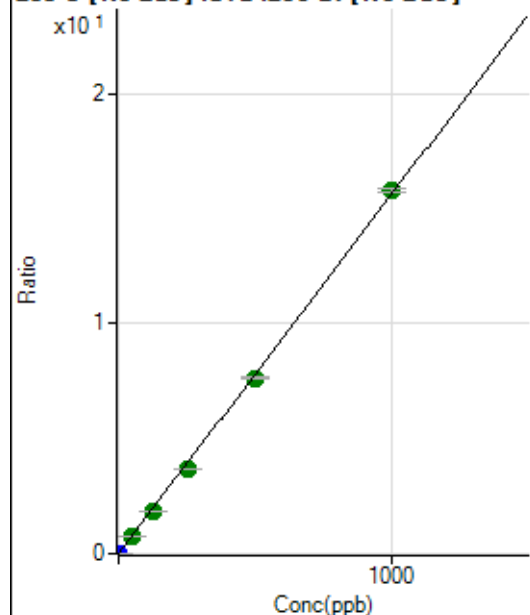
$$DL = 0.008713$$

$$BEC = 0.08989$$

Weight: <None>

Min Conc: 0

238 U [No Gas] ISTD :209 Bi [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	142.23	0.0000	P	8.4
2	☐	1.000	0.984	83003.41	0.0154	P	0.5
3	☐	50.000	47.977	4030328.03	0.7487	A	1.7
4	☐	125.000	117.622	9887507.77	1.8354	A	0.9
5	☐	250.000	235.147	19605081.38	3.6693	A	1.1
6	☐	500.000	489.499	38652875.54	7.6383	A	0.3
7	☐	1000.000	1009.987	76688323.86	15.7602	A	1.2
8	☐			2923.70	0.0007	P	8.8

$$y = 0.0156 * x + 2.6308E-005$$

$$R = 0.9998$$

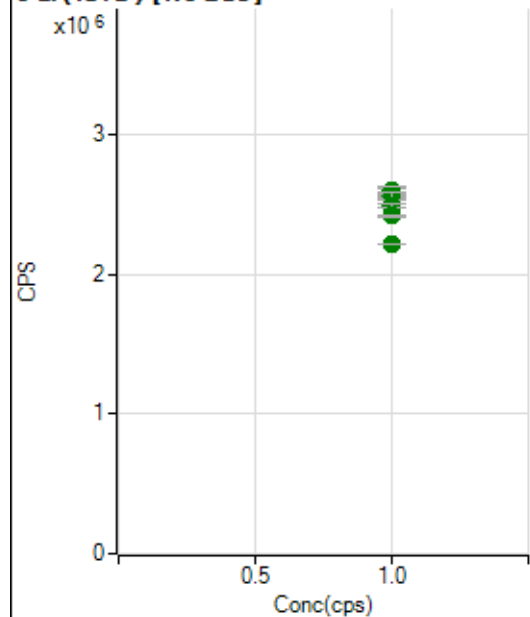
$$DL = 0.0004239$$

$$BEC = 0.001686$$

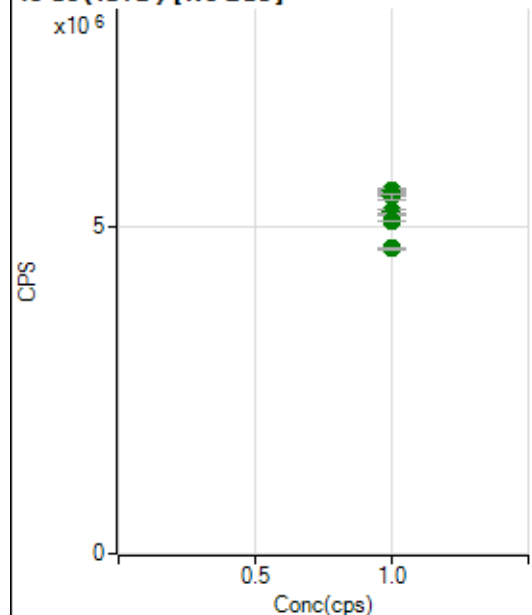
Weight: <None>

Min Conc: 0

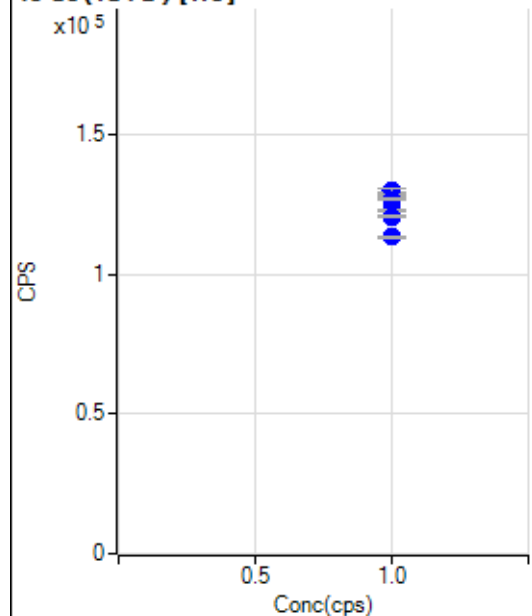
6 Li (ISTD) [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2569599.95		A	1.3
2	☐	1.000		2574653.22		A	1.1
3	☐	1.000		2601762.78		A	1.3
4	☐	1.000		2599255.28		A	2.2
5	☐	1.000		2562748.62		A	1.9
6	☐	1.000		2492872.30		A	1.3
7	☐	1.000		2421389.23		A	0.5
8	☐	1.000		2220197.48		A	0.6

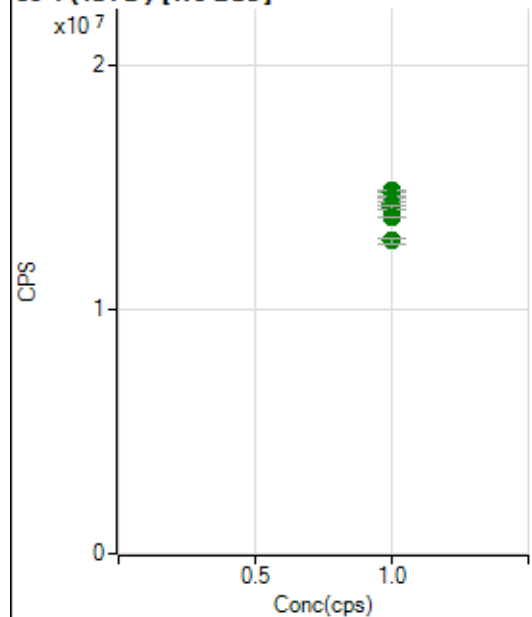
45 Sc (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5502776.24		A	1.3
2	☐	1.000		5535678.25		A	0.9
3	☐	1.000		5491234.92		A	0.9
4	☐	1.000		5446417.56		A	1.5
5	☐	1.000		5228308.71		A	1.5
6	☐	1.000		5174817.84		A	0.8
7	☐	1.000		5079161.87		A	0.2
8	☐	1.000		4661114.66		A	0.5

45 Sc (ISTD) [He]

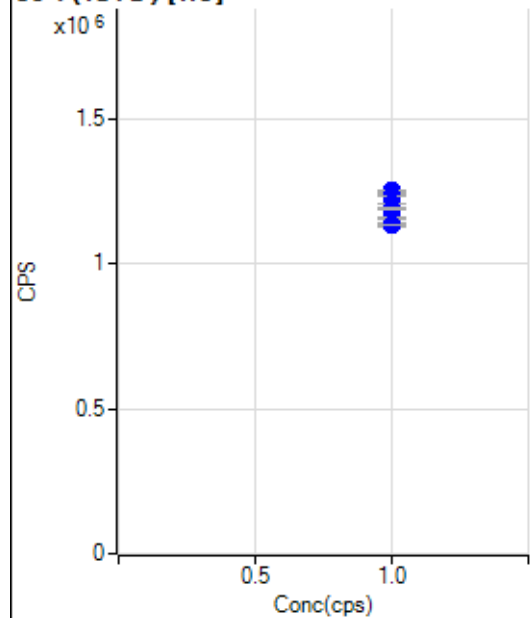
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		129185.74		P	1.0
2	☐	1.000		130093.73		P	1.3
3	☐	1.000		127034.12		P	0.3
4	☐	1.000		122793.29		P	0.6
5	☐	1.000		123139.81		P	0.8
6	☐	1.000		120831.55		P	0.6
7	☐	1.000		120880.42		P	0.3
8	☐	1.000		113556.13		P	0.6

89 Y (ISTD) [No Gas]

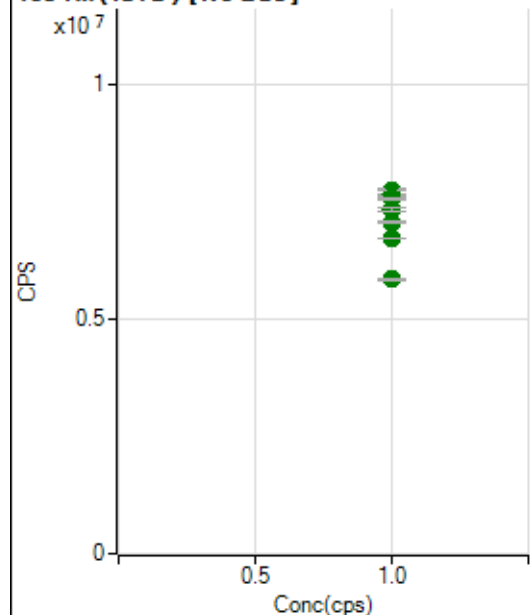


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14632285.20		A	0.5
2	☐	1.000		14843404.50		A	0.7
3	☐	1.000		14756619.22		A	1.2
4	☐	1.000		14581951.86		A	0.8
5	☐	1.000		14281585.62		A	1.1
6	☐	1.000		14157915.07		A	0.7
7	☐	1.000		13778388.96		A	0.2
8	☐	1.000		12800301.34		A	1.7

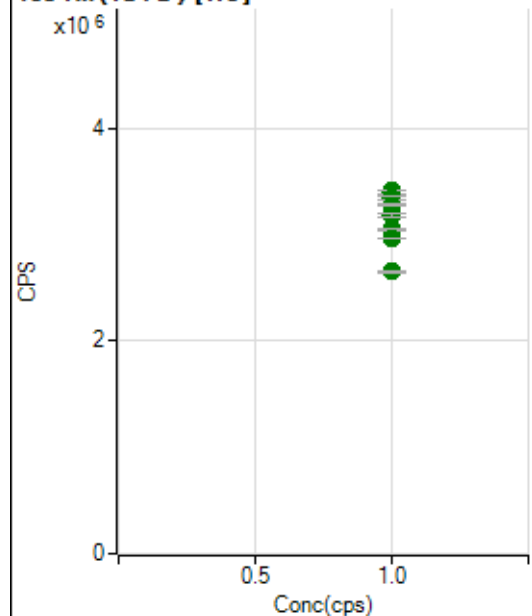
89 Y (ISTD) [He]



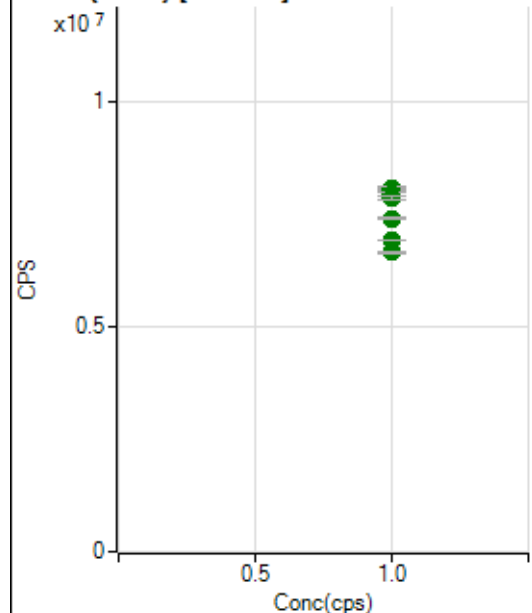
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1239446.64		P	0.1
2	☐	1.000		1250972.51		P	0.2
3	☐	1.000		1231401.03		P	0.2
4	☐	1.000		1207158.39		P	0.4
5	☐	1.000		1189417.46		P	0.5
6	☐	1.000		1156170.33		P	0.6
7	☐	1.000		1134483.24		P	0.8
8	☐	1.000		1133159.27		P	0.3

103 Rh (ISTD) [No Gas]

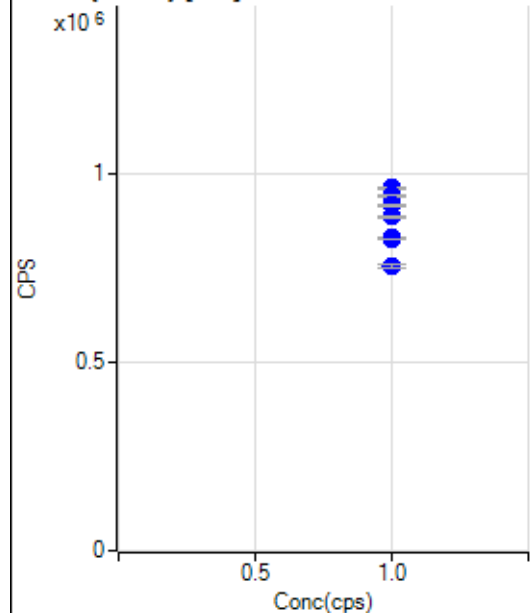
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7592412.11		A	0.3
2	☐	1.000		7716869.40		A	1.3
3	☐	1.000		7665966.07		A	1.3
4	☐	1.000		7556234.61		A	0.8
5	☐	1.000		7332797.81		A	1.1
6	☐	1.000		7047485.87		A	0.6
7	☐	1.000		6709393.72		A	0.5
8	☐	1.000		5835725.40		A	0.8

103 Rh (ISTD) [He]

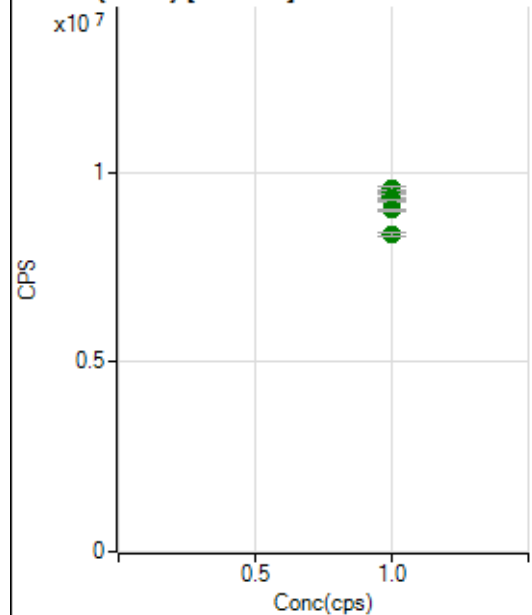
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3397463.66		A	0.7
2	☐	1.000		3411944.25		A	0.1
3	☐	1.000		3350573.63		A	0.9
4	☐	1.000		3276501.72		A	0.5
5	☐	1.000		3182219.99		A	1.1
6	☐	1.000		3051444.81		A	0.3
7	☐	1.000		2961357.94		A	0.2
8	☐	1.000		2652940.95		A	0.9

115 In (ISTD) [No Gas]

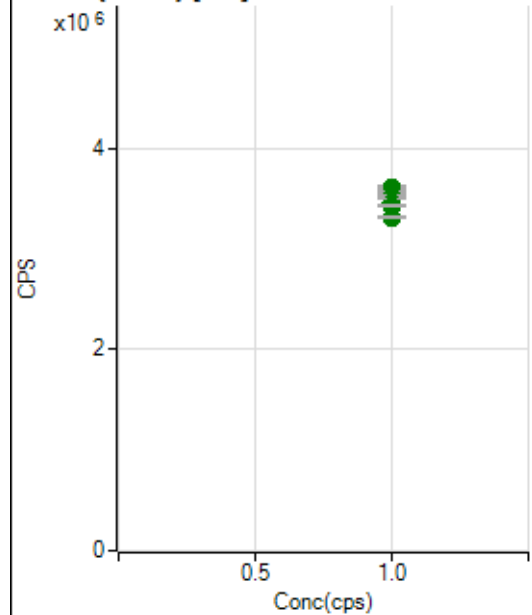
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8051103.49		A	0.7
2	☐	1.000		8058395.65		A	1.5
3	☐	1.000		8038321.12		A	1.7
4	☐	1.000		7938605.70		A	1.4
5	☐	1.000		7864901.93		A	1.2
6	☐	1.000		7404222.16		A	0.4
7	☐	1.000		6923652.33		A	0.3
8	☐	1.000		6645388.68		A	0.3

115 In (ISTD) [He]

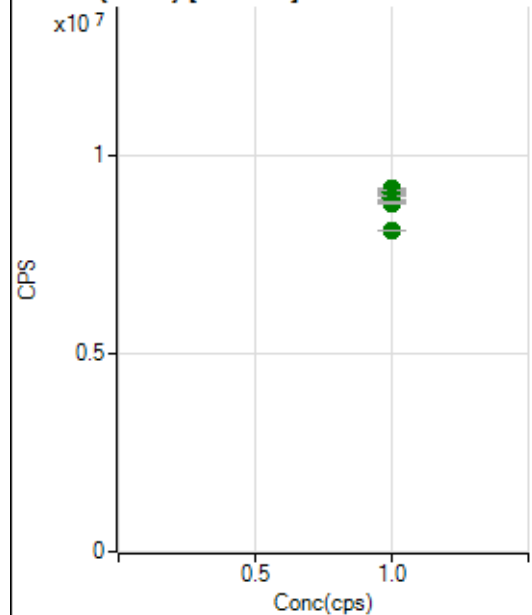
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		956948.65		P	0.2
2	☐	1.000		961079.09		P	0.4
3	☐	1.000		941564.95		P	0.4
4	☐	1.000		916173.13		P	0.4
5	☐	1.000		884504.66		P	0.3
6	☐	1.000		829711.63		P	0.3
7	☐	1.000		755922.98		P	1.3
8	☐	1.000		824579.04		P	0.5

159 Tb (ISTD) [No Gas]

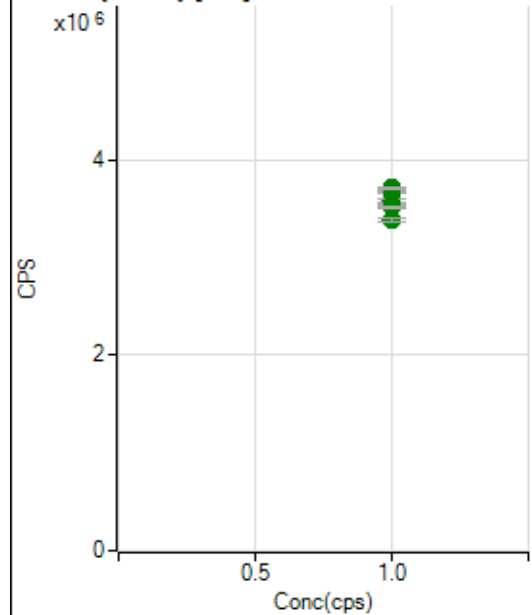
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9382783.82		A	1.2
2	☐	1.000		9371862.15		A	1.9
3	☐	1.000		9478994.72		A	1.2
4	☐	1.000		9563038.75		A	1.1
5	☐	1.000		9318558.75		A	2.1
6	☐	1.000		9264282.22		A	0.4
7	☐	1.000		9014580.01		A	0.7
8	☐	1.000		8353101.61		A	1.0

159 Tb (ISTD) [He]

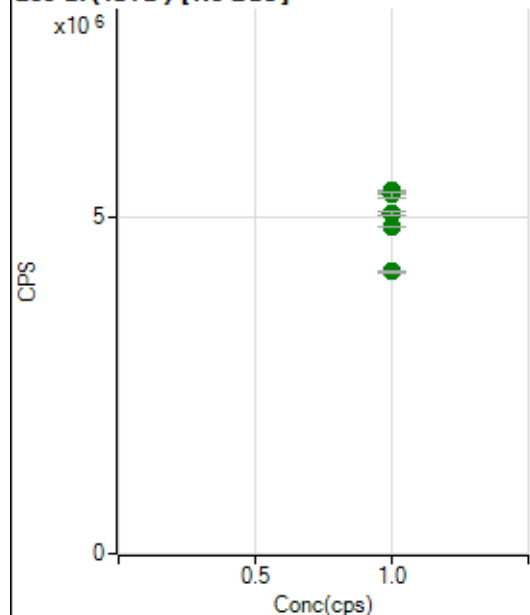
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3608416.09		A	0.7
2	☐	1.000		3602527.83		A	2.3
3	☐	1.000		3605532.83		A	1.0
4	☐	1.000		3567721.79		A	0.7
5	☐	1.000		3527830.47		A	0.6
6	☐	1.000		3470888.84		A	2.2
7	☐	1.000		3428789.39		A	0.4
8	☐	1.000		3318087.55		A	0.5

165 Ho (ISTD) [No Gas]

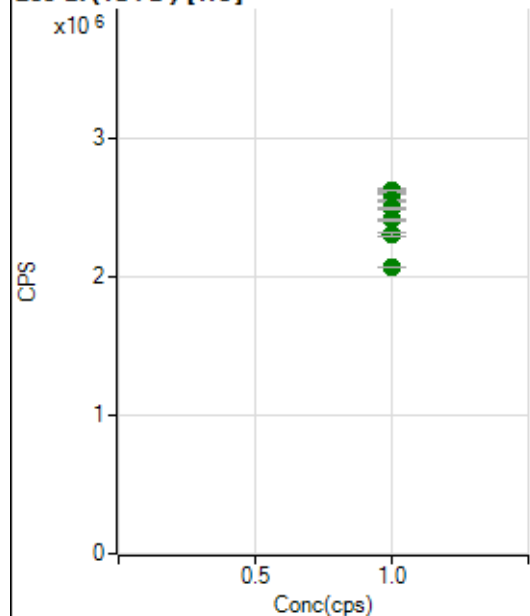
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8998016.47		A	0.6
2	☐	1.000		9018323.27		A	0.8
3	☐	1.000		9118504.10		A	1.0
4	☐	1.000		9148300.00		A	0.5
5	☐	1.000		9074027.71		A	0.7
6	☐	1.000		8923242.16		A	1.4
7	☐	1.000		8790210.29		A	0.6
8	☐	1.000		8100404.67		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3705220.01		A	0.4
2	☐	1.000		3716475.33		A	0.6
3	☐	1.000		3678645.50		A	0.3
4	☐	1.000		3706020.43		A	0.6
5	☐	1.000		3591582.69		A	1.1
6	☐	1.000		3537479.29		A	1.0
7	☐	1.000		3522806.69		A	0.5
8	☐	1.000		3393967.21		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5404964.37		A	0.7
2	☐	1.000		5395765.34		A	0.2
3	☐	1.000		5384155.89		A	1.3
4	☐	1.000		5387348.05		A	1.2
5	☐	1.000		5343483.57		A	1.5
6	☐	1.000		5060360.20		A	1.0
7	☐	1.000		4865989.09		A	0.3
8	☐	1.000		4210306.54		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2623505.81		A	1.1
2	☐	1.000		2617702.34		A	1.3
3	☐	1.000		2626118.12		A	0.8
4	☐	1.000		2558886.31		A	0.4
5	☐	1.000		2501465.46		A	0.4
6	☐	1.000		2416533.68		A	0.8
7	☐	1.000		2309911.98		A	1.0
8	☐	1.000		2074785.01		A	0.5

US EPA Tune Check Report

Reviewed By:moh
On:4/15/2025 1:10
PM
Inst Id :P8
LB :LB135405

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8041025 MS.b
Acq. Date-Time 2025-04-10 10:06:59
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		82118	821177.43			0.633	5.000
24		407419	4074194.66			0.962	5.000
25		56578	565781.77			0.597	5.000
26		66396	663956.94			0.646	5.000
59		369513	3695131.58			0.343	5.000
113		42405	424048.18			0.407	5.000
115		535413	5354127.88			0.621	5.000
206		109323	1093227.92			0.483	5.000
207		92425	924248.60			1.982	5.000
208		227362	2273624.59			0.636	5.000
220		1	5.30			21.719	

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	83006	82010	81745	82084	81744
24	407806	401421	407545	407901	412424
25	56807	55989	56703	56617	56776
26	66453	65675	66790	66632	66429
59	369644	369799	368413	371417	368294
113	42345	42177	42383	42647	42473
115	539225	531729	533122	538558	534430
206	109610	108646	109849	109634	108876
207	93906	89300	92782	92562	93575
208	225443	227006	226751	228885	228728

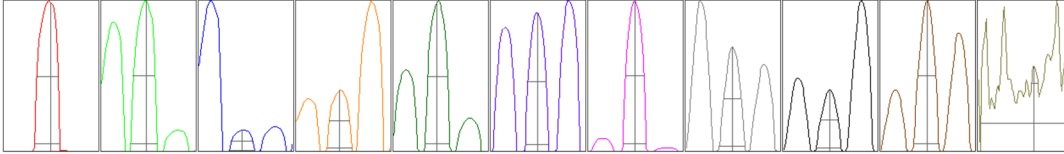
US EPA Tune Check Report

Reviewed By:moh
On:4/15/2025 1:10
PM
Inst Id :P8
LB :LB135405

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	126532.71	9.00	8.90 - 9.10	
24	649885.50	23.95	23.90 - 24.10	
25	90182.73	24.90	24.90 - 25.10	
26	104336.63	25.90	25.90 - 26.10	
59	619458.27	58.90	58.90 - 59.10	
113	78411.55	113.00	112.90 - 113.10	
115	991848.09	115.00	114.90 - 115.10	
206	206174.37	206.00	205.90 - 206.10	
207	173288.25	207.00	206.90 - 207.10	
208	423229.82	208.00	207.90 - 208.10	
220	0.70	220.30	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.69	0.792	0.900	
24	0.69	0.835	0.900	
25	0.67	0.788	0.900	
26	0.65	0.789	0.900	
59	0.63	0.785	0.900	
113	0.57	0.734	0.900	
115	0.57	0.734	0.900	
206	0.55	0.811	0.900	
207	0.55	0.784	0.900	
208	0.56	0.785	0.900	
220	0.20	2.882		

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:moh
On:4/15/2025 1:10
PM
Inst Id :P8
LB :LB135405

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

Lens Parameters

Extract 1	-6.0 V	Omega Lens	9.2 V	Deflect	13.0 V
Extract 2	-230.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-90 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	105	Axis Gain	0.9966	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.7 mm	Torch V	-0.2 mm
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EM

Discriminator	4.5 mV	Analog HV	2202 V	Pulse HV	937 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		77085	770847.07			0.668	
89		65025	650254.35			0.879	
205		74752	747523.48			0.903	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	77194	76925	76800	76586	77918
89	64797	64753	64711	64822	66045
205	74232	74548	74610	74439	75932

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	9.2 V	Deflect	2.2 V
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US EPA Tune Check Report

Reviewed By:moh
On:4/15/2025 1:10
PM
Inst Id :P8
LB :LB135405

Extract 2	-230.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-90 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	105	Axis Gain	0.9966	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.7 mm	Torch V	-0.2 mm		
EM					
Discriminator	4.5 mV	Analog HV	2202 V	Pulse HV	937 V

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.59	-0.35	-0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	-0.01	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.05	0.23	-0.18	0.00	N/A	ppb
Cadmium	111-1	0.00	0.02	-0.01	0.00	N/A	ppb
Calcium	43-1	-0.24	-0.54	0.78	0.00	N/A	ppb
Calcium	44-1	0.13	-0.60	0.46	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.01	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.01	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	-0.15	0.11	0.05	0.00	N/A	ppb
Iron	56-2	-0.03	-0.03	0.06	0.00	N/A	ppb
Iron	57-2	-0.34	0.08	0.26	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 : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 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	0.16	0.01	-0.16	0.00	N/A	ppb
Manganese	55-2	0.01	-0.02	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	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	0.00	0.00	N/A	ppb
Phosphorus	31-2	-11.65	-24.89	-18.09	-18.21		ppb
Potassium	39-2	-0.94	-1.04	1.98	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.01	0.09	-0.08	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.64	-0.32	-0.32	0.00	N/A	ppb
Silicon	28-1	-0.01	-0.03	0.05	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	-0.29	0.56	-0.27	0.00	N/A	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	20.76	-31.43	113.66	34.33	214.09	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.00	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 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	0.04	-0.10	0.06	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 : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.55	23.26	22.59	22.80	1.74	ppb
Antimony	121-1	2.10	2.15	2.06	2.10	2.01	ppb
Arsenic	75-2	1.08	1.05	1.04	1.05	1.71	ppb
Barium	135-1	10.70	10.70	10.42	10.60	1.52	ppb
Barium	137-1	10.60	10.90	10.43	10.64	2.21	ppb
Beryllium	9-1	1.06	1.07	1.05	1.06	0.87	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.09	1.17	1.12	1.13	3.54	ppb
Cadmium	106-1	1.31	1.60	0.92	1.28	26.63	ppb
Cadmium	111-1	1.14	1.18	1.06	1.13	5.20	ppb
Calcium	43-1	529.49	547.42	536.43	537.78	1.68	ppb
Calcium	44-1	538.06	533.38	536.93	536.12	0.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.25	2.16	2.20	2.34	ppb
Cobalt	59-2	1.17	1.22	1.18	1.19	2.22	ppb
Copper	63-2	2.40	2.46	2.39	2.41	1.58	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				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	57.00	60.12	55.47	57.53	4.12	ppb
Iron	56-2	56.65	57.53	54.85	56.34	2.42	ppb
Iron	57-2	54.98	58.69	56.11	56.59	3.36	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.93	0.96	0.95	1.63	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.95	0.98	0.99	0.97	1.86	ppb
Lead	208-1	0.96	0.96	0.98	0.97	0.82	ppb
Lithium	6-1				100		%
Magnesium	24-2	577.26	594.04	559.44	576.91	3.00	ppb
Manganese	55-2	1.13	1.13	1.05	1.10	4.03	ppb
Molybdenum	94-1	6.12	6.23	6.18	6.18	0.89	ppb
Molybdenum	95-1	5.10	5.05	5.17	5.10	1.19	ppb
Molybdenum	96-1	5.21	5.22	5.20	5.21	0.18	ppb
Molybdenum	97-1	5.25	5.20	5.30	5.25	0.95	ppb
Molybdenum	98-1	5.15	5.15	5.14	5.15	0.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.95	0.88	0.91	4.12	ppb
Phosphorus	31-2	20.50	17.25	16.88	18.21	10.93	ppb
Potassium	39-2	512.75	527.67	503.20	514.54	2.40	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.32	5.79	5.65	5.59	4.36	ppb
Selenium	77-2	5.16	6.45	3.54	5.05	28.90	ppb
Selenium	78-2	4.93	5.97	3.96	4.95	20.39	ppb
Silicon	28-1	7.26	7.73	7.59	7.53	3.22	ppb
Silver	107-1	1.07	1.08	1.04	1.06	1.93	ppb
Silver	109-1	1.07	1.07	1.06	1.07	0.63	ppb
Sodium	23-2	567.70	584.21	552.78	568.23	2.77	ppb
Strontium	86-1	1.07	1.07	1.03	1.06	1.99	ppb
Strontium	88-1	1.06	1.05	1.06	1.06	0.62	ppb
Sulfur	34-1	-3.84	-57.45	-41.70	-34.33		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.96	1.01	1.03	1.00	3.47	ppb
Thallium	205-1	0.99	1.00	0.99	0.99	0.33	ppb
Tin	118-1	5.28	5.34	5.28	5.30	0.65	ppb
Titanium	47-1	5.42	5.40	5.47	5.43	0.64	ppb
Uranium	238-1	0.99	0.98	0.98	0.98	0.52	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.50	5.71	5.30	5.50	3.68	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	5.35	5.53	5.23	5.37	2.76	ppb
Zirconium	90-1	1.06	1.02	1.04	1.04	1.76	ppb
Zirconium	91-1	1.05	1.02	1.04	1.03	1.56	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1023.55	1024.01	1026.16	1024.58	0.14	ppb
Antimony	121-1	50.58	52.00	50.45	51.01	1.68	ppb
Arsenic	75-2	51.65	50.69	50.36	50.90	1.32	ppb
Barium	135-1	253.64	259.52	253.41	255.52	1.35	ppb
Barium	137-1	252.54	261.66	254.07	256.09	1.91	ppb
Beryllium	9-1	55.72	54.78	55.97	55.49	1.13	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	52.93	52.33	53.17	52.81	0.83	ppb
Cadmium	106-1	52.19	54.78	53.46	53.47	2.42	ppb
Cadmium	111-1	49.72	52.29	50.50	50.83	2.59	ppb
Calcium	43-1	5147.26	5166.74	5331.09	5215.03	1.94	ppb
Calcium	44-1	5023.99	4980.12	5079.32	5027.81	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.66	52.85	53.23	52.92	0.55	ppb
Cobalt	59-2	53.47	53.32	53.43	53.41	0.15	ppb
Copper	63-2	547.61	552.34	552.42	550.79	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	54-2	2694.94	2697.95	2716.14	2703.01	0.42	ppb
Iron	56-2	2672.87	2661.58	2706.26	2680.23	0.87	ppb
Iron	57-2	2653.08	2662.76	2659.27	2658.37	0.18	ppb
Krypton	83-1						cps
Lead	206-1	245.08	251.75	247.35	248.06	1.37	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	247.90	251.36	249.39	249.55	0.70	ppb
Lead	208-1	246.61	249.42	247.48	247.84	0.58	ppb
Lithium	6-1				101		%
Magnesium	24-2	5339.93	5424.18	5338.93	5367.68	0.91	ppb
Manganese	55-2	529.89	535.99	526.45	530.78	0.91	ppb
Molybdenum	94-1	496.00	495.10	486.67	492.59	1.04	ppb
Molybdenum	95-1	489.38	498.55	491.17	493.03	0.99	ppb
Molybdenum	96-1	478.52	502.41	482.73	487.89	2.61	ppb
Molybdenum	97-1	491.32	511.02	492.92	498.42	2.20	ppb
Molybdenum	98-1	490.79	500.88	493.97	495.21	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.67	52.45	52.68	52.60	0.24	ppb
Phosphorus	31-2	1050.34	1042.20	1073.08	1055.21	1.52	ppb
Potassium	39-2	2471.26	2489.79	2493.56	2484.87	0.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	50.97	52.61	51.47	51.68	1.62	ppb
Selenium	77-2	53.13	49.46	53.55	52.05	4.33	ppb
Selenium	78-2	49.03	52.17	50.94	50.71	3.12	ppb
Silicon	28-1	49.86	49.31	67.24	55.47	18.38	ppb
Silver	107-1	53.58	55.89	54.63	54.70	2.12	ppb
Silver	109-1	53.69	53.98	53.75	53.81	0.28	ppb
Sodium	23-2	5243.85	5181.84	5220.58	5215.42	0.60	ppb
Strontium	86-1	49.42	50.62	49.55	49.86	1.33	ppb
Strontium	88-1	49.93	51.09	51.13	50.72	1.35	ppb
Sulfur	34-1	1206.64	1186.88	1279.36	1224.29	3.98	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	47.28	47.83	47.70	47.60	0.60	ppb
Thallium	205-1	48.96	49.47	48.17	48.87	1.34	ppb
Tin	118-1	49.80	50.75	50.02	50.19	0.99	ppb
Titanium	47-1	509.79	506.07	519.03	511.63	1.30	ppb
Uranium	238-1	48.15	48.70	47.07	47.98	1.73	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	52.49	52.42	52.62	52.51	0.19	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	522.61	530.97	529.47	527.68	0.84	ppb
Zirconium	90-1	50.32	50.16	49.65	50.04	0.70	ppb
Zirconium	91-1	48.13	48.73	48.45	48.44	0.62	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2468.42	2481.96	2472.70	2474.36	0.28	ppb
Antimony	121-1	124.55	124.45	125.40	124.80	0.42	ppb
Arsenic	75-2	122.98	124.51	121.67	123.05	1.16	ppb
Barium	135-1	629.41	623.16	632.38	628.32	0.75	ppb
Barium	137-1	618.08	612.80	620.39	617.09	0.63	ppb
Beryllium	9-1	132.13	137.22	130.96	133.44	2.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	128.39	124.77	131.19	128.12	2.51	ppb
Cadmium	106-1	127.60	125.30	128.29	127.06	1.23	ppb
Cadmium	111-1	123.09	122.78	124.74	123.53	0.85	ppb
Calcium	43-1	12576.80	12577.69	12374.61	12509.70	0.94	ppb
Calcium	44-1	12438.26	12157.64	12209.28	12268.39	1.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.44	129.39	130.18	130.00	0.42	ppb
Cobalt	59-2	135.39	135.20	133.44	134.68	0.80	ppb
Copper	63-2	1360.36	1346.00	1351.51	1352.62	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	54-2	6695.83	6807.72	6686.37	6729.97	1.00	ppb
Iron	56-2	6597.27	6593.81	6610.54	6600.54	0.13	ppb
Iron	57-2	6499.88	6504.38	6551.68	6518.64	0.44	ppb
Krypton	83-1						cps
Lead	206-1	601.59	601.41	620.17	607.72	1.77	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	607.08	601.05	611.39	606.51	0.86	ppb
Lead	208-1	605.16	605.04	613.00	607.73	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	12836.87	12724.21	13032.30	12864.46	1.21	ppb
Manganese	55-2	1307.28	1307.87	1303.04	1306.06	0.20	ppb
Molybdenum	94-1	1244.08	1215.02	1216.87	1225.32	1.33	ppb
Molybdenum	95-1	1239.07	1203.09	1200.08	1214.08	1.79	ppb
Molybdenum	96-1	1232.73	1211.66	1207.33	1217.24	1.12	ppb
Molybdenum	97-1	1256.94	1227.84	1226.50	1237.09	1.39	ppb
Molybdenum	98-1	1243.08	1224.36	1229.23	1232.22	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.46	128.80	128.42	128.89	0.40	ppb
Phosphorus	31-2	2605.11	2604.51	2689.87	2633.17	1.87	ppb
Potassium	39-2	6015.72	6070.99	6039.53	6042.08	0.46	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	82-1	128.25	127.44	126.83	127.51	0.56	ppb
Selenium	77-2	121.04	130.38	117.94	123.12	5.26	ppb
Selenium	78-2	126.85	120.82	129.94	125.87	3.69	ppb
Silicon	28-1	125.11	121.63	123.45	123.40	1.41	ppb
Silver	107-1	131.47	130.80	130.67	130.98	0.33	ppb
Silver	109-1	131.38	129.03	131.54	130.65	1.07	ppb
Sodium	23-2	12737.58	12682.20	12691.62	12703.80	0.23	ppb
Strontium	86-1	122.22	123.30	122.13	122.55	0.53	ppb
Strontium	88-1	123.61	124.60	123.68	123.96	0.45	ppb
Sulfur	34-1	2415.82	2040.14	2134.59	2196.85	8.90	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	121.04	121.35	124.10	122.16	1.38	ppb
Thallium	205-1	120.11	120.37	120.88	120.45	0.33	ppb
Tin	118-1	125.35	124.52	124.71	124.86	0.35	ppb
Titanium	47-1	1226.33	1214.79	1210.72	1217.28	0.67	ppb
Uranium	238-1	118.37	116.47	118.03	117.62	0.86	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	129.41	128.51	129.04	128.99	0.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	1359.92	1330.19	1307.07	1332.39	1.99	ppb
Zirconium	90-1	121.14	122.75	119.98	121.29	1.15	ppb
Zirconium	91-1	125.98	121.94	121.65	123.19	1.96	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4893.54	4855.38	4885.60	4878.17	0.41	ppb
Antimony	121-1	255.98	249.32	243.25	249.52	2.55	ppb
Arsenic	75-2	250.27	248.11	249.67	249.35	0.45	ppb
Barium	135-1	1282.98	1271.35	1201.55	1251.96	3.52	ppb
Barium	137-1	1283.37	1246.49	1210.19	1246.68	2.94	ppb
Beryllium	9-1	250.40	253.24	252.79	252.14	0.61	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	261.52	249.53	252.28	254.44	2.47	ppb
Cadmium	106-1	255.93	256.48	249.14	253.85	1.61	ppb
Cadmium	111-1	261.48	257.80	256.34	258.54	1.03	ppb
Calcium	43-1	25195.60	24954.70	24460.92	24870.40	1.51	ppb
Calcium	44-1	24677.77	24808.78	24337.35	24607.97	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.14	259.41	260.62	259.06	0.68	ppb
Cobalt	59-2	259.99	259.04	260.30	259.78	0.25	ppb
Copper	63-2	2634.92	2603.92	2634.60	2624.48	0.68	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				97		%
Indium	115-1				98		%
Indium	115-2				92		%
Iron	54-2	12858.70	13116.78	13083.61	13019.70	1.08	ppb
Iron	56-2	12842.33	12812.08	13016.64	12890.35	0.86	ppb
Iron	57-2	13094.41	13026.39	13155.14	13091.98	0.49	ppb
Krypton	83-1						cps
Lead	206-1	1211.71	1233.85	1228.47	1224.68	0.94	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1208.56	1228.62	1221.99	1219.73	0.84	ppb
Lead	208-1	1217.12	1229.00	1218.97	1221.70	0.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	25746.19	24842.54	25434.73	25341.15	1.81	ppb
Manganese	55-2	2514.36	2547.31	2564.85	2542.18	1.01	ppb
Molybdenum	94-1	2464.14	2449.25	2502.77	2472.05	1.12	ppb
Molybdenum	95-1	2455.16	2440.39	2516.20	2470.59	1.63	ppb
Molybdenum	96-1	2441.32	2421.75	2511.05	2458.04	1.91	ppb
Molybdenum	97-1	2474.76	2464.93	2521.31	2487.00	1.21	ppb
Molybdenum	98-1	2457.90	2489.67	2527.28	2491.61	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	248.62	246.42	250.12	248.38	0.75	ppb
Phosphorus	31-2	5272.39	4998.16	5339.42	5203.32	3.47	ppb
Potassium	39-2	11977.15	11663.04	11963.15	11867.78	1.50	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	82-1	255.86	257.21	257.19	256.75	0.30	ppb
Selenium	77-2	260.21	249.69	244.21	251.37	3.24	ppb
Selenium	78-2	247.46	248.56	258.65	251.56	2.45	ppb
Silicon	28-1	258.77	256.64	253.04	256.15	1.13	ppb
Silver	107-1	262.73	252.44	253.93	256.36	2.17	ppb
Silver	109-1	262.09	259.49	256.71	259.43	1.04	ppb
Sodium	23-2	25260.97	24700.17	25190.20	25050.44	1.22	ppb
Strontium	86-1	257.85	250.08	251.50	253.14	1.63	ppb
Strontium	88-1	253.32	247.79	245.98	249.03	1.54	ppb
Sulfur	34-1	5298.14	4996.32	4816.00	5036.82	4.84	ppb
Terbium	159-1				99		%
Terbium	159-2				98		%
Thallium	203-1	236.11	246.16	243.89	242.05	2.18	ppb
Thallium	205-1	234.81	240.92	240.27	238.66	1.41	ppb
Tin	118-1	253.82	252.90	252.06	252.93	0.35	ppb
Titanium	47-1	2489.14	2505.56	2487.27	2493.99	0.40	ppb
Uranium	238-1	235.95	237.24	232.25	235.15	1.10	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	254.14	255.70	254.11	254.65	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				96		%
Zinc	66-2	2629.74	2549.52	2652.16	2610.48	2.07	ppb
Zirconium	90-1	244.82	245.11	244.98	244.97	0.06	ppb
Zirconium	91-1	243.83	247.27	250.25	247.12	1.30	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9706.12	9837.59	9773.98	9772.57	0.67	ppb
Antimony	121-1	495.80	496.58	502.04	498.14	0.68	ppb
Arsenic	75-2	505.29	504.23	505.66	505.06	0.15	ppb
Barium	135-1	2502.16	2538.23	2537.20	2525.87	0.81	ppb
Barium	137-1	2498.99	2525.11	2522.13	2515.41	0.57	ppb
Beryllium	9-1	497.45	505.48	497.24	500.06	0.94	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	500.20	503.69	506.36	503.42	0.61	ppb
Cadmium	106-1	495.79	503.48	509.67	502.98	1.38	ppb
Cadmium	111-1	496.78	502.31	505.31	501.46	0.86	ppb
Calcium	43-1	50431.23	49478.10	50780.40	50229.91	1.34	ppb
Calcium	44-1	48925.53	50175.24	50073.85	49724.87	1.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	509.14	515.04	508.95	511.04	0.68	ppb
Cobalt	59-2	517.43	520.50	522.10	520.01	0.46	ppb
Copper	63-2	5174.14	5224.72	5125.84	5174.90	0.96	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				99		%
Holmium	165-2				95		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	54-2	25704.07	26012.42	25744.73	25820.40	0.65	ppb
Iron	56-2	25599.42	26184.15	25638.32	25807.30	1.27	ppb
Iron	57-2	26017.53	26375.83	26200.49	26197.95	0.68	ppb
Krypton	83-1						cps
Lead	206-1	2503.48	2496.34	2523.51	2507.78	0.56	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2511.31	2498.59	2531.97	2513.96	0.67	ppb
Lead	208-1	2503.99	2502.64	2521.32	2509.32	0.42	ppb
Lithium	6-1				97		%
Magnesium	24-2	50087.87	51133.13	50293.79	50504.93	1.10	ppb
Manganese	55-2	5029.30	5164.32	5087.87	5093.83	1.33	ppb
Molybdenum	94-1	4894.83	4983.25	5033.53	4970.54	1.41	ppb
Molybdenum	95-1	4917.35	5049.05	5029.57	4998.66	1.42	ppb
Molybdenum	96-1	4915.19	5028.00	4971.07	4971.42	1.13	ppb
Molybdenum	97-1	4981.96	5039.21	5067.10	5029.42	0.86	ppb
Molybdenum	98-1	4925.50	4983.57	5102.37	5003.81	1.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	524.60	521.22	521.98	522.60	0.34	ppb
Phosphorus	31-2	10281.13	10363.85	10280.95	10308.64	0.46	ppb
Potassium	39-2	23773.39	23731.24	23691.20	23731.94	0.17	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	82-1	490.34	505.22	508.67	501.41	1.94	ppb
Selenium	77-2	497.28	508.50	517.81	507.86	2.02	ppb
Selenium	78-2	495.48	507.80	501.05	501.44	1.23	ppb
Silicon	28-1	494.87	518.55	511.84	508.42	2.40	ppb
Silver	107-1	505.06	506.69	506.34	506.03	0.17	ppb
Silver	109-1	503.56	506.87	507.26	505.90	0.40	ppb
Sodium	23-2	49786.93	50922.00	50276.06	50328.33	1.13	ppb
Strontium	86-1	495.57	506.33	511.34	504.41	1.60	ppb
Strontium	88-1	496.77	505.82	505.63	502.74	1.03	ppb
Sulfur	34-1	9752.91	10137.23	9952.66	9947.60	1.93	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	502.91	492.61	492.98	496.16	1.18	ppb
Thallium	205-1	501.11	494.46	492.84	496.14	0.88	ppb
Tin	118-1	501.39	496.48	497.56	498.47	0.52	ppb
Titanium	47-1	4928.63	5052.51	5038.61	5006.58	1.36	ppb
Uranium	238-1	488.39	488.85	491.25	489.50	0.31	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.13	524.30	512.17	513.54	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				93		%
Zinc	66-2	5145.21	5237.48	5102.31	5161.67	1.34	ppb
Zirconium	90-1	489.74	492.87	507.00	496.53	1.85	ppb
Zirconium	91-1	489.98	498.08	496.77	494.94	0.88	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18906.25	18491.34	18200.30	18532.63	1.91	ppb
Antimony	121-1	996.46	1001.78	1004.84	1001.03	0.42	ppb
Arsenic	75-2	997.03	996.88	999.58	997.83	0.15	ppb
Barium	135-1	4862.83	5021.34	5073.49	4985.88	2.20	ppb
Barium	137-1	4878.69	5029.82	5072.91	4993.81	2.04	ppb
Beryllium	9-1	1003.24	983.11	1007.96	998.10	1.32	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	998.76	989.24	1001.95	996.65	0.66	ppb
Cadmium	106-1	998.67	996.97	995.70	997.12	0.15	ppb
Cadmium	111-1	991.88	984.41	1015.53	997.27	1.63	ppb
Calcium	43-1	99050.69	102277.35	101212.30	100846.78	1.63	ppb
Calcium	44-1	98353.17	100978.08	100350.88	99894.04	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	995.73	994.28	984.32	991.44	0.63	ppb
Cobalt	59-2	982.30	990.56	985.65	986.17	0.42	ppb
Copper	63-2	9892.35	9803.25	9902.59	9866.06	0.55	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				98		%
Holmium	165-2				95		%
Indium	115-1				86		%
Indium	115-2				79		%
Iron	54-2	50178.97	50672.99	49518.16	50123.37	1.16	ppb
Iron	56-2	50188.77	49166.44	49807.85	49721.02	1.04	ppb
Iron	57-2	50152.29	49638.81	49597.05	49796.05	0.62	ppb
Krypton	83-1						cps
Lead	206-1	4948.43	4998.27	5067.39	5004.70	1.19	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4965.07	5049.46	4994.25	5002.92	0.86	ppb
Lead	208-1	4967.53	5029.02	5017.51	5004.68	0.65	ppb
Lithium	6-1				94		%
Magnesium	24-2	97015.83	97232.58	95912.31	96720.24	0.73	ppb
Manganese	55-2	9991.55	9920.80	9889.64	9933.99	0.53	ppb
Molybdenum	94-1	9984.59	10035.08	10055.85	10025.17	0.37	ppb
Molybdenum	95-1	9975.97	9916.21	10146.41	10012.86	1.19	ppb
Molybdenum	96-1	9993.15	10001.64	10093.66	10029.48	0.56	ppb
Molybdenum	97-1	9825.65	10067.12	10077.92	9990.23	1.43	ppb
Molybdenum	98-1	9898.52	10056.65	10052.78	10002.65	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.72	985.77	989.98	988.49	0.24	ppb
Phosphorus	31-2	19810.61	19761.27	19754.44	19775.44	0.15	ppb
Potassium	39-2	46494.83	45369.68	45887.46	45917.33	1.23	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	82-1	986.39	993.58	1011.66	997.21	1.31	ppb
Selenium	77-2	956.84	998.42	1032.31	995.86	3.80	ppb
Selenium	78-2	999.52	1003.10	993.61	998.74	0.48	ppb
Silicon	28-1	990.01	995.84	996.76	994.20	0.37	ppb
Silver	107-1	979.98	995.70	1007.55	994.41	1.39	ppb
Silver	109-1	980.64	983.74	1017.01	993.80	2.03	ppb
Sodium	23-2	96817.02	97007.34	96721.58	96848.65	0.15	ppb
Strontium	86-1	994.33	996.66	1000.98	997.32	0.34	ppb
Strontium	88-1	993.67	998.13	1005.10	998.97	0.58	ppb
Sulfur	34-1	20038.85	20345.92	19746.25	20043.68	1.50	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	987.09	1002.93	1023.12	1004.38	1.80	ppb
Thallium	205-1	988.05	1010.39	1017.73	1005.39	1.54	ppb
Tin	118-1	995.54	997.05	1007.52	1000.04	0.65	ppb
Titanium	47-1	10059.56	9967.23	9978.37	10001.72	0.50	ppb
Uranium	238-1	1005.65	1000.76	1023.55	1009.99	1.19	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	987.87	995.33	991.12	991.44	0.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				92		%
Zinc	66-2	9952.08	9854.49	9833.02	9879.86	0.64	ppb
Zirconium	90-1	1000.37	1006.61	1003.38	1003.45	0.31	ppb
Zirconium	91-1	1007.71	996.56	1006.40	1003.55	0.61	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102298.05	101526.11	97143.94	100322.70	2.77	ppb
Antimony	121-1	0.58	0.55	0.52	0.55	5.09	ppb
Arsenic	75-2	0.49	0.49	0.46	0.48	3.24	ppb
Barium	135-1	2.00	2.00	1.99	2.00	0.17	ppb
Barium	137-1	2.01	2.05	2.04	2.03	0.92	ppb
Beryllium	9-1	0.27	0.26	0.26	0.26	3.37	ppb
Bismuth	209-1				78		%
Bismuth	209-2				79		%
Bromine	81-1						cps
Cadmium	108-1	0.37	0.40	0.42	0.40	5.57	ppb
Cadmium	106-1	0.40	-0.01	0.34	0.24	91.01	ppb
Cadmium	111-1	0.17	0.12	0.15	0.15	14.72	ppb
Calcium	43-1	506437.49	495363.36	497634.26	499811.70	1.17	ppb
Calcium	44-1	502908.75	496128.83	501183.76	500073.78	0.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	9.12	8.82	8.53	8.82	3.34	ppb
Cobalt	59-2	2.24	2.18	2.08	2.17	3.71	ppb
Copper	63-2	2.47	2.47	2.33	2.43	3.29	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				90		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				86		%
Iron	54-2	257903.17	252615.43	239041.22	249853.27	3.89	ppb
Iron	56-2	256663.92	254411.63	238759.40	249944.98	3.90	ppb
Iron	57-2	255790.87	252309.95	241548.47	249883.09	2.97	ppb
Krypton	83-1						cps
Lead	206-1	5.83	5.86	5.78	5.82	0.67	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.94	5.95	5.81	5.90	1.35	ppb
Lead	208-1	5.91	5.89	5.81	5.87	0.88	ppb
Lithium	6-1				86		%
Magnesium	24-2	511336.77	506790.23	483599.62	500575.54	2.97	ppb
Manganese	55-2	5.34	5.19	5.03	5.19	3.05	ppb
Molybdenum	94-1	1.97	1.88	1.98	1.94	2.96	ppb
Molybdenum	95-1	1.34	1.33	1.37	1.35	1.67	ppb
Molybdenum	96-1	2.12	2.07	2.10	2.10	1.14	ppb
Molybdenum	97-1	1.33	1.26	1.24	1.28	3.62	ppb
Molybdenum	98-1	1.28	1.21	1.21	1.23	3.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.43	4.38	4.13	4.31	3.68	ppb
Phosphorus	31-2	-13.83	-11.87	-19.48	-15.06		ppb
Potassium	39-2	256417.26	253590.12	242933.44	250980.27	2.83	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				85		%
Scandium	45-2				88		%
Selenium	82-1	0.76	0.73	0.59	0.69	12.71	ppb
Selenium	77-2	1.07	1.07	0.35	0.83	49.59	ppb
Selenium	78-2	0.38	0.79	1.11	0.76	48.16	ppb
Silicon	28-1	22.16	19.00	17.96	19.71	11.10	ppb
Silver	107-1	0.10	0.09	0.08	0.09	10.31	ppb
Silver	109-1	0.10	0.10	0.09	0.10	7.80	ppb
Sodium	23-2	507221.82	507266.20	487274.77	500587.60	2.30	ppb
Strontium	86-1	3.26	3.27	3.42	3.32	2.76	ppb
Strontium	88-1	3.27	3.28	3.37	3.31	1.64	ppb
Sulfur	34-1	-975.57	-1068.39	-1020.58	-1021.52		ppb
Terbium	159-1				89		%
Terbium	159-2				92		%
Thallium	203-1	0.09	0.07	0.07	0.08	10.10	ppb
Thallium	205-1	0.09	0.08	0.07	0.08	12.54	ppb
Tin	118-1	0.17	0.15	0.15	0.16	5.36	ppb
Titanium	47-1	0.78	0.80	0.79	0.79	1.53	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	9.12	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.28	0.28	0.25	0.27	6.28	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				87		%
Yttrium	89-2				91		%
Zinc	66-2	59.74	60.05	56.53	58.77	3.31	ppb
Zirconium	90-1	0.47	0.44	0.45	0.46	3.32	ppb
Zirconium	91-1	0.45	0.45	0.49	0.46	4.32	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	489.76	476.53	477.05	481.11	1.56	ppb
Antimony	121-1	195.17	191.02	196.62	194.27	1.50	ppb
Arsenic	75-2	194.87	194.45	194.43	194.58	0.13	ppb
Barium	135-1	96.55	95.28	99.11	96.98	2.01	ppb
Barium	137-1	97.99	98.18	99.66	98.61	0.93	ppb
Beryllium	9-1	98.42	104.01	99.01	100.48	3.06	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	82.37	83.27	84.47	83.37	1.27	ppb
Cadmium	106-1	80.94	79.38	81.33	80.55	1.28	ppb
Cadmium	111-1	100.66	98.40	101.54	100.20	1.62	ppb
Calcium	43-1	1861.28	1903.87	1907.14	1890.76	1.35	ppb
Calcium	44-1	1861.08	1863.01	1860.40	1861.50	0.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	101.91	101.18	101.63	101.57	0.36	ppb
Cobalt	59-2	108.43	106.30	106.12	106.95	1.20	ppb
Copper	63-2	105.51	105.16	104.22	104.96	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	2071.24	2045.39	2046.77	2054.47	0.71	ppb
Iron	56-2	2022.81	2005.67	2027.95	2018.81	0.58	ppb
Iron	57-2	1993.24	1936.17	1981.27	1970.22	1.53	ppb
Krypton	83-1						cps
Lead	206-1	194.28	191.78	200.63	195.56	2.33	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	190.41	187.42	191.23	189.68	1.06	ppb
Lead	208-1	191.95	188.99	195.05	192.00	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	1193.53	1187.17	1189.48	1190.06	0.27	ppb
Manganese	55-2	100.43	99.67	100.45	100.18	0.44	ppb
Molybdenum	94-1	0.05	0.05	0.04	0.05	5.22	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	9.78	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	7.20	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	11.46	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	10.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.01	101.91	102.33	102.08	0.21	ppb
Phosphorus	31-2	-24.22	-22.73	-18.96	-21.97		ppb
Potassium	39-2	1880.84	1862.02	1880.68	1874.51	0.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				105		%
Selenium	82-1	203.83	204.55	199.94	202.77	1.22	ppb
Selenium	77-2	211.71	207.49	191.66	203.62	5.19	ppb
Selenium	78-2	218.69	204.31	208.26	210.42	3.53	ppb
Silicon	28-1	-1.25	-1.07	-1.60	-1.31		ppb
Silver	107-1	51.98	52.44	51.78	52.07	0.64	ppb
Silver	109-1	51.84	50.66	52.80	51.77	2.07	ppb
Sodium	23-2	2029.90	1956.11	2010.33	1998.78	1.91	ppb
Strontium	86-1	0.22	0.23	0.23	0.23	1.72	ppb
Strontium	88-1	0.23	0.23	0.23	0.23	0.91	ppb
Sulfur	34-1	-554.72	-575.53	-592.41	-574.22		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	200.73	197.66	203.65	200.68	1.49	ppb
Thallium	205-1	195.90	189.99	197.00	194.29	1.94	ppb
Tin	118-1	0.02	0.01	0.02	0.02	50.79	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	371.73	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	100.44	99.00	99.33	99.59	0.76	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	198.36	196.63	196.86	197.28	0.48	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.02	ppb
Zirconium	91-1	0.08	0.10	0.09	0.09	6.67	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.71	21.30	21.60	21.87	3.39	ppb
Antimony	121-1	2.15	2.14	2.15	2.15	0.31	ppb
Arsenic	75-2	1.03	1.11	1.06	1.07	3.90	ppb
Barium	135-1	10.61	10.89	10.77	10.76	1.30	ppb
Barium	137-1	10.82	10.84	10.70	10.79	0.68	ppb
Beryllium	9-1	1.09	1.11	1.09	1.09	1.15	ppb
Bismuth	209-1				97		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.12	1.21	1.16	1.16	3.81	ppb
Cadmium	106-1	1.41	1.48	1.50	1.46	3.10	ppb
Cadmium	111-1	1.17	1.17	1.20	1.18	1.29	ppb
Calcium	43-1	508.00	531.02	520.76	519.93	2.22	ppb
Calcium	44-1	514.89	524.36	514.26	517.84	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.22	2.17	2.18	1.56	ppb
Cobalt	59-2	1.22	1.18	1.13	1.18	3.54	ppb
Copper	63-2	2.27	2.20	2.12	2.20	3.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	59.74	58.41	55.54	57.90	3.71	ppb
Iron	56-2	56.07	54.84	53.39	54.77	2.45	ppb
Iron	57-2	56.46	54.53	53.02	54.67	3.15	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.93	0.91	0.93	1.20	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.93	0.96	0.95	0.95	2.02	ppb
Lead	208-1	0.94	0.95	0.94	0.94	0.59	ppb
Lithium	6-1				96		%
Magnesium	24-2	581.11	568.95	556.91	568.99	2.13	ppb
Manganese	55-2	1.04	1.08	1.05	1.06	2.11	ppb
Molybdenum	94-1	6.27	6.15	6.21	6.21	1.02	ppb
Molybdenum	95-1	5.10	5.14	5.09	5.11	0.50	ppb
Molybdenum	96-1	5.22	5.20	5.24	5.22	0.37	ppb
Molybdenum	97-1	5.23	5.10	5.27	5.20	1.75	ppb
Molybdenum	98-1	5.24	5.11	5.16	5.17	1.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.90	0.89	0.88	0.89	1.09	ppb
Phosphorus	31-2	20.63	14.74	13.03	16.13	24.72	ppb
Potassium	39-2	531.62	520.61	519.89	524.04	1.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	5.23	5.00	5.47	5.23	4.44	ppb
Selenium	77-2	5.93	5.27	5.58	5.59	5.94	ppb
Selenium	78-2	4.74	5.89	4.52	5.05	14.58	ppb
Silicon	28-1	5.18	6.89	6.78	6.28	15.29	ppb
Silver	107-1	1.08	1.10	1.13	1.10	2.53	ppb
Silver	109-1	1.12	1.13	1.13	1.12	0.33	ppb
Sodium	23-2	576.59	570.34	566.28	571.07	0.91	ppb
Strontium	86-1	1.04	1.08	1.06	1.06	1.88	ppb
Strontium	88-1	1.04	1.07	1.07	1.06	1.67	ppb
Sulfur	34-1	-435.48	-359.20	-391.85	-395.51		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	0.97	1.01	1.00	0.99	1.78	ppb
Thallium	205-1	0.99	0.99	0.97	0.98	1.00	ppb
Tin	118-1	5.37	5.48	5.45	5.43	1.11	ppb
Titanium	47-1	5.27	5.31	5.34	5.31	0.70	ppb
Uranium	238-1	0.96	0.98	0.96	0.96	1.00	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.71	5.62	5.36	5.56	3.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	5.23	5.35	5.03	5.20	3.07	ppb
Zirconium	90-1	1.05	1.04	1.05	1.04	0.66	ppb
Zirconium	91-1	1.05	1.02	1.06	1.04	1.97	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.61	-0.15	-0.34		ppb
Antimony	121-1	0.00	0.00	0.00	0.00	22.09	ppb
Arsenic	75-2	-0.01	0.00	0.00	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00	253.71	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	147.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.05	0.00	0.02	126.43	ppb
Cadmium	106-1	0.27	-0.43	-0.47	-0.21		ppb
Cadmium	111-1	0.02	-0.03	-0.04	-0.02		ppb
Calcium	43-1	-8.89	-8.33	-8.60	-8.61		ppb
Calcium	44-1	-8.32	-7.61	-8.08	-8.00		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.01	0.00	-0.01	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	0.30	0.16	0.26	0.24	30.37	ppb
Iron	56-2	-0.16	-0.25	-0.17	-0.20		ppb
Iron	57-2	0.03	0.08	0.30	0.14	105.18	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.04	-0.04	-0.04		ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.04	-0.04	-0.04	-0.04		ppb
Lead	208-1	-0.04	-0.04	-0.04	-0.04		ppb
Lithium	6-1				96		%
Magnesium	24-2	-0.45	-0.38	-0.27	-0.36		ppb
Manganese	55-2	0.00	-0.03	0.00	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	497.17	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.20	-0.23	-0.21		ppb
Phosphorus	31-2	-15.57	-23.13	-23.29	-20.66		ppb
Potassium	39-2	6.83	4.43	5.31	5.52	21.97	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	-0.01	-0.06	-0.03	-0.03		ppb
Selenium	77-2	0.31	0.31	0.00	0.21	86.60	ppb
Selenium	78-2	0.01	0.47	-0.26	0.07	501.85	ppb
Silicon	28-1	-1.11	-1.12	-0.88	-1.04		ppb
Silver	107-1	0.00	0.01	0.01	0.01	18.78	ppb
Silver	109-1	0.01	0.00	0.00	0.00	16.21	ppb
Sodium	23-2	1.12	1.36	2.15	1.54	35.00	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-555.77	-445.96	-534.82	-512.18		ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.00	0.01	0.01	39.61	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.17	ppb
Tin	118-1	0.03	-0.01	0.00	0.01	200.90	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	244.28	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				105		%
Zinc	66-2	-0.45	-0.47	-0.35	-0.42		ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	3.75	ppb
Zirconium	91-1	0.00	0.01	0.01	0.00	79.05	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90874.45	93233.95	92013.48	92040.63	1.28	ppb
Antimony	121-1	1.19	1.21	1.20	1.20	0.68	ppb
Arsenic	75-2	0.35	0.23	0.30	0.30	19.81	ppb
Barium	135-1	1.39	1.43	1.52	1.45	4.59	ppb
Barium	137-1	1.45	1.50	1.44	1.46	2.26	ppb
Beryllium	9-1	0.41	0.42	0.42	0.41	1.30	ppb
Bismuth	209-1				89		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	15.05	14.71	14.13	14.63	3.19	ppb
Cadmium	106-1	-0.52	-0.55	-0.71	-0.59		ppb
Cadmium	111-1	0.47	0.53	0.45	0.48	8.98	ppb
Calcium	43-1	98471.41	99003.90	102086.22	99853.84	1.95	ppb
Calcium	44-1	98391.32	97749.55	102657.36	99599.41	2.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	20.09	20.45	20.39	20.31	0.97	ppb
Cobalt	59-2	1.18	1.23	1.20	1.20	2.02	ppb
Copper	63-2	7.63	7.86	7.83	7.77	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				96		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	54-2	101104.39	102920.70	101476.08	101833.72	0.94	ppb
Iron	56-2	101718.35	105106.99	101789.68	102871.67	1.88	ppb
Iron	57-2	100955.18	103099.48	102171.41	102075.36	1.05	ppb
Krypton	83-1						cps
Lead	206-1	4.66	4.56	4.55	4.59	1.36	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.28	4.25	4.20	4.24	0.96	ppb
Lead	208-1	4.38	4.40	4.36	4.38	0.49	ppb
Lithium	6-1				93		%
Magnesium	24-2	96143.32	98371.50	95469.67	96661.49	1.57	ppb
Manganese	55-2	7.79	8.00	7.78	7.86	1.61	ppb
Molybdenum	94-1	1585.76	1606.36	1551.75	1581.29	1.74	ppb
Molybdenum	95-1	1947.41	1977.73	1899.90	1941.68	2.02	ppb
Molybdenum	96-1	1917.02	1944.14	1881.01	1914.06	1.65	ppb
Molybdenum	97-1	1962.62	1998.63	1963.92	1975.05	1.03	ppb
Molybdenum	98-1	1963.69	1942.70	1937.61	1948.00	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.34	5.75	5.71	5.60	4.03	ppb
Phosphorus	31-2	108191.62	109148.36	108462.74	108600.91	0.45	ppb
Potassium	39-2	95535.02	96838.47	95823.63	96065.71	0.71	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				96		%
Selenium	82-1	0.05	-0.06	0.28	0.09	186.94	ppb
Selenium	77-2	0.34	0.34	0.34	0.34	0.73	ppb
Selenium	78-2	-0.30	-0.09	0.32	-0.02		ppb
Silicon	28-1	18.23	23.08	26.43	22.58	18.25	ppb
Silver	107-1	0.04	0.05	0.04	0.04	6.84	ppb
Silver	109-1	0.05	0.04	0.04	0.04	8.13	ppb
Sodium	23-2	102255.28	104495.86	101671.52	102807.55	1.45	ppb
Strontium	86-1	33.55	33.68	33.30	33.51	0.58	ppb
Strontium	88-1	35.02	34.79	34.72	34.84	0.45	ppb
Sulfur	34-1	103344.47	104047.13	105125.76	104172.46	0.86	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.11	0.13	0.11	18.33	ppb
Thallium	205-1	0.09	0.12	0.13	0.11	19.72	ppb
Tin	118-1	0.16	0.14	0.15	0.15	5.77	ppb
Titanium	47-1	2013.63	2041.68	2053.61	2036.30	1.01	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.15	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.16	0.16	0.16	0.16	1.89	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	13.76	14.03	14.14	13.98	1.39	ppb
Zirconium	90-1	0.03	0.03	0.04	0.03	12.65	ppb
Zirconium	91-1	0.04	0.03	0.03	0.03	6.14	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87466.25	85719.38	87087.35	86757.66	1.06	ppb
Antimony	121-1	19.01	18.90	19.42	19.11	1.45	ppb
Arsenic	75-2	18.99	18.29	19.11	18.80	2.37	ppb
Barium	135-1	19.63	19.59	20.36	19.86	2.17	ppb
Barium	137-1	19.89	19.84	20.30	20.01	1.26	ppb
Beryllium	9-1	18.39	17.65	18.16	18.07	2.09	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	28.91	27.93	28.96	28.60	2.03	ppb
Cadmium	106-1	14.02	14.18	14.65	14.29	2.29	ppb
Cadmium	111-1	17.87	18.20	18.49	18.19	1.71	ppb
Calcium	43-1	93726.42	92834.60	92919.98	93160.33	0.53	ppb
Calcium	44-1	92776.66	92843.19	91826.12	92481.99	0.62	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.67	38.13	37.90	38.23	1.03	ppb
Cobalt	59-2	20.39	20.10	20.21	20.23	0.72	ppb
Copper	63-2	26.91	26.39	26.23	26.51	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	54-2	96782.15	96948.21	96500.39	96743.58	0.23	ppb
Iron	56-2	99843.51	95409.14	98333.31	97861.99	2.30	ppb
Iron	57-2	98139.58	96394.62	97160.65	97231.62	0.90	ppb
Krypton	83-1						cps
Lead	206-1	22.50	22.19	22.32	22.33	0.69	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	21.99	21.85	22.02	21.96	0.41	ppb
Lead	208-1	21.93	22.05	21.97	21.98	0.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	92914.42	91348.77	91678.95	91980.72	0.90	ppb
Manganese	55-2	26.56	26.39	26.01	26.32	1.07	ppb
Molybdenum	94-1	1506.16	1503.33	1494.27	1501.25	0.41	ppb
Molybdenum	95-1	1831.80	1841.28	1814.43	1829.17	0.74	ppb
Molybdenum	96-1	1786.85	1809.41	1782.75	1793.00	0.80	ppb
Molybdenum	97-1	1834.13	1865.73	1841.26	1847.04	0.90	ppb
Molybdenum	98-1	1840.66	1847.52	1822.77	1836.99	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.60	23.44	23.68	23.57	0.52	ppb
Phosphorus	31-2	103760.36	101018.90	101256.10	102011.79	1.49	ppb
Potassium	39-2	91634.06	89094.96	90908.60	90545.88	1.44	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	82-1	18.85	18.77	19.15	18.92	1.05	ppb
Selenium	77-2	17.29	19.04	19.88	18.74	7.05	ppb
Selenium	78-2	18.99	19.85	19.26	19.37	2.28	ppb
Silicon	28-1	22.55	22.52	22.40	22.49	0.35	ppb
Silver	107-1	17.21	17.05	17.50	17.25	1.32	ppb
Silver	109-1	17.26	17.26	17.75	17.42	1.64	ppb
Sodium	23-2	98629.32	96248.07	97344.59	97407.33	1.22	ppb
Strontium	86-1	31.58	31.56	31.28	31.47	0.53	ppb
Strontium	88-1	32.32	32.67	32.78	32.59	0.75	ppb
Sulfur	34-1	98412.68	97271.51	97412.79	97699.00	0.64	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	18.41	18.19	18.45	18.35	0.76	ppb
Thallium	205-1	18.32	18.23	18.31	18.29	0.27	ppb
Tin	118-1	0.14	0.15	0.15	0.15	2.90	ppb
Titanium	47-1	1879.88	1888.48	1913.42	1893.93	0.92	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	3.21	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	19.49	19.26	19.48	19.41	0.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				96		%
Zinc	66-2	33.47	32.19	32.41	32.69	2.10	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	21.59	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	10.70	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49331.52	50063.33	49838.05	49744.30	0.75	ppb
Antimony	121-1	504.01	508.19	511.14	507.78	0.71	ppb
Arsenic	75-2	503.76	501.48	504.55	503.26	0.32	ppb
Barium	135-1	2556.82	2583.68	2619.59	2586.70	1.22	ppb
Barium	137-1	2604.80	2552.06	2606.96	2587.94	1.20	ppb
Beryllium	9-1	520.24	525.02	528.24	524.50	0.77	ppb
Bismuth	209-1				84		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	496.38	507.91	502.18	502.16	1.15	ppb
Cadmium	106-1	497.23	509.57	504.19	503.67	1.23	ppb
Cadmium	111-1	501.39	500.13	504.93	502.15	0.50	ppb
Calcium	43-1	253501.20	256546.99	249435.90	253161.36	1.41	ppb
Calcium	44-1	252707.13	250927.01	249042.92	250892.35	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	523.26	518.41	520.19	520.62	0.47	ppb
Cobalt	59-2	496.21	497.99	501.66	498.62	0.56	ppb
Copper	63-2	4756.53	4869.89	4872.55	4832.99	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				85		%
Iron	54-2	127447.67	128863.26	127550.85	127953.93	0.62	ppb
Iron	56-2	127981.12	128333.27	128473.52	128262.64	0.20	ppb
Iron	57-2	127467.88	127214.55	127796.02	127492.82	0.23	ppb
Krypton	83-1						cps
Lead	206-1	2564.06	2597.45	2576.78	2579.43	0.65	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2546.78	2594.02	2601.55	2580.78	1.15	ppb
Lead	208-1	2558.04	2598.08	2604.39	2586.84	0.97	ppb
Lithium	6-1				90		%
Magnesium	24-2	255710.18	255707.06	253051.43	254822.89	0.60	ppb
Manganese	55-2	5140.84	5118.82	5226.24	5161.97	1.10	ppb
Molybdenum	94-1	4987.05	4970.31	5002.29	4986.55	0.32	ppb
Molybdenum	95-1	5014.56	4932.13	4974.49	4973.73	0.83	ppb
Molybdenum	96-1	4974.46	4919.99	4963.57	4952.67	0.58	ppb
Molybdenum	97-1	5041.65	4989.80	5005.89	5012.45	0.53	ppb
Molybdenum	98-1	5016.69	4924.98	5005.11	4982.26	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	489.21	494.20	492.01	491.81	0.51	ppb
Phosphorus	31-2	10540.95	10569.42	10723.09	10611.16	0.92	ppb
Potassium	39-2	123287.57	124318.32	121599.80	123068.57	1.12	ppb
Rhodium	103-1				85		%
Rhodium	103-2				85		%
Scandium	45-1				93		%
Scandium	45-2				96		%
Selenium	82-1	488.93	479.80	482.80	483.84	0.96	ppb
Selenium	77-2	483.50	494.94	511.73	496.72	2.86	ppb
Selenium	78-2	507.49	510.45	492.31	503.42	1.93	ppb
Silicon	28-1	446.42	446.84	441.87	445.04	0.62	ppb
Silver	107-1	493.11	498.10	492.38	494.53	0.63	ppb
Silver	109-1	492.77	499.85	492.31	494.98	0.85	ppb
Sodium	23-2	257482.19	256033.28	255953.32	256489.60	0.34	ppb
Strontium	86-1	504.40	506.80	510.09	507.10	0.56	ppb
Strontium	88-1	511.22	501.30	509.61	507.38	1.05	ppb
Sulfur	34-1	9934.74	10221.85	9949.30	10035.30	1.61	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	505.51	520.52	512.73	512.92	1.46	ppb
Thallium	205-1	508.53	513.06	514.32	511.97	0.60	ppb
Tin	118-1	502.01	507.67	509.17	506.28	0.75	ppb
Titanium	47-1	5083.69	5121.48	5046.90	5084.02	0.73	ppb
Uranium	238-1	511.80	521.84	521.35	518.33	1.09	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	529.29	529.33	521.46	526.69	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				94		%
Yttrium	89-2				94		%
Zinc	66-2	4871.91	4921.83	4897.63	4897.12	0.51	ppb
Zirconium	90-1	504.38	505.96	507.99	506.11	0.36	ppb
Zirconium	91-1	501.64	496.18	505.93	501.25	0.98	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.55	1.47	0.89	0.97	47.71	ppb
Antimony	121-1	0.04	0.04	0.04	0.04	10.04	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	38.40	ppb
Barium	135-1	0.02	0.02	0.02	0.02	7.97	ppb
Barium	137-1	0.02	0.02	0.02	0.02	18.27	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	9.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.02	0.02	0.01	76.18	ppb
Cadmium	106-1	0.04	-0.23	0.02	-0.05		ppb
Cadmium	111-1	0.02	-0.01	0.01	0.00	296.55	ppb
Calcium	43-1	2.72	1.55	2.81	2.36	29.65	ppb
Calcium	44-1	1.29	0.62	1.01	0.97	34.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	117.94	ppb
Copper	63-2	-0.02	-0.03	-0.03	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	1.82	1.17	1.16	1.39	27.39	ppb
Iron	56-2	1.23	1.11	1.11	1.15	5.95	ppb
Iron	57-2	1.78	1.47	1.71	1.65	9.78	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	6.74	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.03	0.04	0.03	18.69	ppb
Lead	208-1	0.03	0.03	0.03	0.03	3.56	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.04	2.32	1.93	2.09	9.64	ppb
Manganese	55-2	-0.03	0.01	0.02	0.00	841.86	ppb
Molybdenum	94-1	0.10	0.09	0.09	0.09	6.76	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	3.22	ppb
Molybdenum	96-1	0.06	0.06	0.06	0.06	3.30	ppb
Molybdenum	97-1	0.08	0.07	0.06	0.07	13.76	ppb
Molybdenum	98-1	0.06	0.05	0.06	0.06	5.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.25	-0.26	-0.23	-0.25		ppb
Phosphorus	31-2	-26.54	-18.30	-17.01	-20.62		ppb
Potassium	39-2	23.85	21.16	22.13	22.38	6.09	ppb
Rhodium	103-1				104		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	-0.14	-0.05	-0.09	-0.09		ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.06	0.23	-0.33	-0.05		ppb
Silicon	28-1	-0.06	-1.47	-0.30	-0.61		ppb
Silver	107-1	0.02	0.02	0.02	0.02	8.96	ppb
Silver	109-1	0.02	0.02	0.02	0.02	1.11	ppb
Sodium	23-2	23.05	20.58	19.75	21.13	8.11	ppb
Strontium	86-1	0.00	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	10.79	ppb
Sulfur	34-1	-363.90	-426.96	-465.43	-418.76		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.50	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	4.28	ppb
Tin	118-1	0.00	0.01	0.00	0.01	105.07	ppb
Titanium	47-1	0.05	0.04	0.05	0.05	7.73	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	8.08	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	100.95	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	0.00	-0.14	0.07	-0.03		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	17.17	ppb
Zirconium	91-1	0.03	0.02	0.03	0.02	22.34	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.00	22.32	20.69	22.00	5.39	ppb
Antimony	121-1	2.10	2.07	2.13	2.10	1.45	ppb
Arsenic	75-2	1.02	0.99	1.00	1.01	1.55	ppb
Barium	135-1	10.50	10.46	10.50	10.49	0.22	ppb
Barium	137-1	10.65	10.45	10.62	10.57	1.06	ppb
Beryllium	9-1	0.99	1.00	1.02	1.01	1.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	1.14	1.14	1.08	1.12	3.04	ppb
Cadmium	106-1	1.11	1.21	0.88	1.07	15.89	ppb
Cadmium	111-1	1.07	1.09	1.11	1.09	1.60	ppb
Calcium	43-1	517.30	513.56	537.30	522.72	2.44	ppb
Calcium	44-1	514.83	508.00	520.86	514.56	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.23	2.15	2.17	2.18	1.80	ppb
Cobalt	59-2	1.16	1.19	1.11	1.15	3.35	ppb
Copper	63-2	2.18	2.24	2.21	2.21	1.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	54-2	56.92	57.74	54.79	56.48	2.70	ppb
Iron	56-2	55.65	56.26	54.03	55.31	2.09	ppb
Iron	57-2	55.58	56.27	54.53	55.46	1.58	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.94	0.93	0.93	0.52	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.96	0.94	0.97	0.96	1.53	ppb
Lead	208-1	0.96	0.96	0.95	0.96	0.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	570.67	570.78	551.45	564.30	1.97	ppb
Manganese	55-2	1.07	1.08	1.07	1.08	0.48	ppb
Molybdenum	94-1	6.03	6.03	6.01	6.02	0.25	ppb
Molybdenum	95-1	4.97	4.97	4.99	4.98	0.18	ppb
Molybdenum	96-1	5.12	5.06	5.04	5.07	0.85	ppb
Molybdenum	97-1	5.04	5.10	5.08	5.07	0.63	ppb
Molybdenum	98-1	4.95	5.02	5.03	5.00	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.84	0.89	0.86	3.00	ppb
Phosphorus	31-2	6.65	10.02	12.81	9.82	31.35	ppb
Potassium	39-2	525.94	533.10	518.96	526.00	1.34	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	5.10	5.11	5.35	5.19	2.67	ppb
Selenium	77-2	6.88	8.29	5.74	6.97	18.32	ppb
Selenium	78-2	5.49	5.80	4.58	5.29	12.05	ppb
Silicon	28-1	28.61	4.41	5.46	12.83	106.68	ppb
Silver	107-1	1.05	1.05	1.07	1.06	0.75	ppb
Silver	109-1	1.07	1.06	1.06	1.06	0.83	ppb
Sodium	23-2	575.29	581.45	566.01	574.25	1.35	ppb
Strontium	86-1	1.02	1.08	1.01	1.03	3.48	ppb
Strontium	88-1	1.04	1.03	1.04	1.04	0.34	ppb
Sulfur	34-1	-452.09	-557.98	-367.98	-459.35		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.98	1.00	1.00	1.00	1.14	ppb
Thallium	205-1	0.99	1.00	1.00	1.00	0.59	ppb
Tin	118-1	5.26	5.21	5.31	5.26	0.91	ppb
Titanium	47-1	5.22	5.26	5.23	5.23	0.42	ppb
Uranium	238-1	0.93	0.94	0.96	0.95	1.56	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.57	5.66	5.47	5.56	1.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	5.20	5.40	5.23	5.28	2.10	ppb
Zirconium	90-1	1.01	1.01	1.04	1.02	1.84	ppb
Zirconium	91-1	1.04	1.00	1.02	1.02	1.71	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	0.98	1.03	1.16	24.02	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	18.67	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	186.42	ppb
Barium	135-1	0.01	0.00	0.00	0.00	235.56	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	36.39	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.01	0.01	0.01	29.28	ppb
Cadmium	106-1	-0.46	-0.38	-0.30	-0.38		ppb
Cadmium	111-1	-0.03	-0.03	-0.02	-0.03		ppb
Calcium	43-1	-8.88	-8.10	-9.46	-8.81		ppb
Calcium	44-1	-9.95	-11.00	-10.22	-10.39		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.03	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.06	-0.09	-0.06	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	0.31	0.10	0.12	0.18	66.26	ppb
Iron	56-2	0.15	0.16	0.16	0.16	5.94	ppb
Iron	57-2	0.71	0.42	0.07	0.40	80.55	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.03	-0.03		ppb
Lithium	6-1				102		%
Magnesium	24-2	0.56	0.13	0.34	0.35	62.04	ppb
Manganese	55-2	-0.01	-0.03	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.02	0.03	0.02	21.26	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	19.80	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	22.09	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	28.16	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	13.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.21	-0.23	-0.21	-0.22		ppb
Phosphorus	31-2	-16.77	-17.49	-20.53	-18.27		ppb
Potassium	39-2	13.67	14.94	13.80	14.13	4.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	-0.13	0.10	0.16	0.04	342.62	ppb
Selenium	77-2	0.32	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	0.22	-0.14	0.05	0.04	413.50	ppb
Silicon	28-1	-1.64	-2.00	-1.96	-1.87		ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.90	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.93	ppb
Sodium	23-2	11.67	12.82	11.12	11.87	7.32	ppb
Strontium	86-1	0.00	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-387.66	-524.44	-481.72	-464.61		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.08	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	4.60	ppb
Tin	118-1	0.01	0.03	-0.01	0.01	277.86	ppb
Titanium	47-1	0.01	0.02	0.01	0.01	29.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	200.82	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	-0.25	-0.19	-0.36	-0.27		ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.27	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	12.49	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9575.33	9973.00	9686.38	9744.90	2.11	ppb
Antimony	121-1	507.71	495.67	506.02	503.13	1.30	ppb
Arsenic	75-2	497.33	496.43	497.46	497.07	0.11	ppb
Barium	135-1	2514.00	2494.74	2554.22	2520.99	1.20	ppb
Barium	137-1	2513.14	2506.50	2593.67	2537.77	1.91	ppb
Beryllium	9-1	491.27	508.87	510.36	503.50	2.11	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	506.07	507.97	508.65	507.56	0.26	ppb
Cadmium	106-1	510.28	508.12	517.82	512.07	0.99	ppb
Cadmium	111-1	517.47	499.64	520.52	512.54	2.20	ppb
Calcium	43-1	49662.28	50561.09	49625.14	49949.50	1.06	ppb
Calcium	44-1	48860.91	49808.74	49256.08	49308.58	0.97	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.07	509.23	499.87	504.06	0.94	ppb
Cobalt	59-2	503.38	509.14	507.33	506.61	0.58	ppb
Copper	63-2	5007.36	5043.58	5039.08	5030.01	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	24941.54	25704.59	25267.06	25304.40	1.51	ppb
Iron	56-2	24750.96	25671.20	25428.32	25283.49	1.89	ppb
Iron	57-2	25270.12	25781.64	25329.84	25460.53	1.10	ppb
Krypton	83-1						cps
Lead	206-1	2468.87	2436.91	2457.27	2454.35	0.66	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2469.75	2436.58	2507.88	2471.40	1.44	ppb
Lead	208-1	2468.41	2458.80	2488.89	2472.03	0.62	ppb
Lithium	6-1				101		%
Magnesium	24-2	50388.01	52108.90	51709.21	51402.04	1.75	ppb
Manganese	55-2	4937.45	5107.87	5018.06	5021.13	1.70	ppb
Molybdenum	94-1	4836.52	4857.98	4907.36	4867.29	0.75	ppb
Molybdenum	95-1	4873.20	4811.90	4916.98	4867.36	1.08	ppb
Molybdenum	96-1	4857.02	4810.50	4905.16	4857.56	0.97	ppb
Molybdenum	97-1	4908.21	4842.48	4893.40	4881.36	0.71	ppb
Molybdenum	98-1	4828.16	4839.27	4877.37	4848.27	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.45	516.11	501.87	508.14	1.43	ppb
Phosphorus	31-2	10502.95	10547.43	10404.13	10484.84	0.70	ppb
Potassium	39-2	23849.50	24339.70	24400.54	24196.58	1.25	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	82-1	485.21	490.52	492.72	489.48	0.79	ppb
Selenium	77-2	492.91	515.01	500.10	502.67	2.24	ppb
Selenium	78-2	492.09	501.97	493.23	495.76	1.09	ppb
Silicon	28-1	498.30	502.59	513.30	504.73	1.53	ppb
Silver	107-1	519.31	510.57	514.05	514.65	0.86	ppb
Silver	109-1	514.80	512.96	524.55	517.44	1.20	ppb
Sodium	23-2	50819.55	52102.09	51978.50	51633.38	1.37	ppb
Strontium	86-1	498.36	493.91	493.53	495.27	0.54	ppb
Strontium	88-1	497.41	488.35	491.85	492.54	0.93	ppb
Sulfur	34-1	10110.06	9955.72	9756.71	9940.83	1.78	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	490.68	491.54	492.18	491.46	0.15	ppb
Thallium	205-1	481.02	487.87	491.03	486.64	1.05	ppb
Tin	118-1	503.35	495.72	507.42	502.16	1.18	ppb
Titanium	47-1	4903.33	4942.52	4947.82	4931.22	0.49	ppb
Uranium	238-1	477.76	483.53	484.45	481.91	0.75	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	500.33	509.58	499.68	503.20	1.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	4899.16	5005.40	5032.34	4978.96	1.41	ppb
Zirconium	90-1	490.73	488.69	483.09	487.50	0.81	ppb
Zirconium	91-1	480.54	482.59	488.10	483.74	0.81	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	1.33	1.80	1.19	57.34	ppb
Antimony	121-1	0.04	0.04	0.03	0.04	9.86	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	105.01	ppb
Barium	135-1	0.02	0.02	0.01	0.02	17.52	ppb
Barium	137-1	0.02	0.02	0.01	0.02	28.74	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	13.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.03	0.01	0.03	46.57	ppb
Cadmium	106-1	0.04	0.06	-0.37	-0.09		ppb
Cadmium	111-1	0.02	0.01	-0.02	0.00	566.69	ppb
Calcium	43-1	-9.03	-9.91	-10.56	-9.83		ppb
Calcium	44-1	-9.79	-10.29	-11.23	-10.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.01	-0.01	0.00	1884.93	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	239.73	ppb
Copper	63-2	-0.04	-0.03	-0.05	-0.04		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				103		%
Indium	115-2				100		%
Iron	54-2	0.13	0.05	0.45	0.21	101.23	ppb
Iron	56-2	0.02	0.02	0.18	0.07	119.91	ppb
Iron	57-2	0.41	0.65	0.38	0.48	30.30	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.01	0.02	43.03	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.01	0.02	41.90	ppb
Lead	208-1	0.03	0.02	0.01	0.02	35.95	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.27	0.43	0.64	0.45	40.59	ppb
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.10	0.09	0.08	0.09	11.70	ppb
Molybdenum	95-1	0.06	0.06	0.05	0.06	15.24	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.06	9.92	ppb
Molybdenum	97-1	0.07	0.06	0.05	0.06	11.74	ppb
Molybdenum	98-1	0.06	0.05	0.05	0.05	18.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.25	-0.25	-0.25		ppb
Phosphorus	31-2	-22.04	-23.88	-24.34	-23.42		ppb
Potassium	39-2	14.87	15.19	14.33	14.80	2.95	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	0.21	-0.01	0.12	0.11	107.25	ppb
Selenium	77-2	0.32	0.00	0.97	0.43	114.78	ppb
Selenium	78-2	0.05	-0.52	-0.33	-0.27		ppb
Silicon	28-1	0.78	-0.53	-1.83	-0.53		ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.62	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.32	ppb
Sodium	23-2	18.84	18.35	18.75	18.65	1.41	ppb
Strontium	86-1	0.00	-0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	59.15	ppb
Sulfur	34-1	-693.59	-737.21	-860.75	-763.85		ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.76	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	1.52	ppb
Tin	118-1	0.00	0.01	-0.01	0.00		ppb
Titanium	47-1	0.06	0.04	0.05	0.05	19.51	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	11.42	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	300.75	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	-0.32	-0.16	-0.02	-0.17		ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	16.96	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	13.38	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9821.08	9530.64	9734.00	9695.24	1.54	ppb
Antimony	121-1	524.10	515.93	503.19	514.41	2.05	ppb
Arsenic	75-2	507.56	502.19	511.64	507.13	0.93	ppb
Barium	135-1	2641.71	2569.61	2489.97	2567.09	2.96	ppb
Barium	137-1	2608.13	2558.42	2526.68	2564.41	1.60	ppb
Beryllium	9-1	514.13	522.47	518.61	518.40	0.80	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Bromine	81-1						cps
Cadmium	108-1	524.95	518.22	509.59	517.59	1.49	ppb
Cadmium	106-1	525.96	527.68	506.54	520.06	2.26	ppb
Cadmium	111-1	523.48	534.19	507.58	521.75	2.57	ppb
Calcium	43-1	49671.05	50936.21	51373.28	50660.18	1.75	ppb
Calcium	44-1	50043.66	49903.26	50457.76	50134.89	0.58	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	503.53	506.03	499.44	503.00	0.66	ppb
Cobalt	59-2	498.53	503.47	499.53	500.51	0.52	ppb
Copper	63-2	5057.24	5080.05	5000.13	5045.81	0.82	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	54-2	25100.67	25383.14	25146.93	25210.25	0.60	ppb
Iron	56-2	24820.90	24726.72	24980.05	24842.55	0.52	ppb
Iron	57-2	25647.41	25160.50	25359.49	25389.13	0.96	ppb
Krypton	83-1						cps
Lead	206-1	2468.11	2486.93	2467.20	2474.08	0.45	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2480.59	2450.93	2437.62	2456.38	0.90	ppb
Lead	208-1	2488.83	2459.20	2470.64	2472.89	0.60	ppb
Lithium	6-1				96		%
Magnesium	24-2	52105.33	51142.35	51063.24	51436.97	1.13	ppb
Manganese	55-2	5012.11	4996.79	4989.10	4999.34	0.23	ppb
Molybdenum	94-1	4996.43	4843.69	4908.05	4916.06	1.56	ppb
Molybdenum	95-1	4965.81	4730.01	4894.41	4863.41	2.49	ppb
Molybdenum	96-1	4836.67	4822.26	4868.90	4842.61	0.49	ppb
Molybdenum	97-1	4911.31	4895.37	4877.11	4894.60	0.35	ppb
Molybdenum	98-1	4915.53	4832.53	4810.82	4852.96	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	508.42	503.38	491.74	501.18	1.71	ppb
Phosphorus	31-2	10616.83	10330.00	10216.24	10387.69	1.99	ppb
Potassium	39-2	24276.84	24114.61	24325.51	24238.99	0.46	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	495.56	490.24	493.05	492.95	0.54	ppb
Selenium	77-2	490.16	479.22	502.41	490.59	2.36	ppb
Selenium	78-2	503.86	500.58	515.65	506.69	1.56	ppb
Silicon	28-1	510.09	502.76	503.33	505.39	0.81	ppb
Silver	107-1	533.66	532.10	518.16	527.97	1.62	ppb
Silver	109-1	531.92	522.11	509.74	521.26	2.13	ppb
Sodium	23-2	52601.32	51655.58	51745.53	52000.81	1.00	ppb
Strontium	86-1	497.86	495.65	489.87	494.46	0.83	ppb
Strontium	88-1	500.71	486.66	489.05	492.14	1.53	ppb
Sulfur	34-1	10006.61	9630.70	9636.44	9757.92	2.21	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	489.65	500.33	494.23	494.74	1.08	ppb
Thallium	205-1	485.41	489.55	494.23	489.73	0.90	ppb
Tin	118-1	522.27	523.03	505.05	516.79	1.97	ppb
Titanium	47-1	4994.48	4951.53	4966.64	4970.88	0.44	ppb
Uranium	238-1	484.70	475.80	482.65	481.05	0.97	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	503.82	511.53	504.23	506.53	0.86	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	4966.51	5022.30	4910.63	4966.48	1.12	ppb
Zirconium	90-1	496.11	487.65	488.86	490.88	0.93	ppb
Zirconium	91-1	494.36	480.97	493.39	489.58	1.53	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.78	1.44	0.63	0.95	45.59	ppb
Antimony	121-1	0.02	0.01	0.02	0.02	20.10	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	1.66	ppb
Barium	135-1	0.01	0.01	0.01	0.01	13.87	ppb
Barium	137-1	0.00	0.01	0.00	0.00	79.22	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	16.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.01	0.00	0.02	0.01	127.19	ppb
Cadmium	106-1	-0.32	-0.45	0.26	-0.17		ppb
Cadmium	111-1	-0.02	-0.03	0.02	-0.01		ppb
Calcium	43-1	-9.10	-7.55	-9.63	-8.76		ppb
Calcium	44-1	-10.64	-10.16	-10.07	-10.29		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.07	-0.06	-0.07	-0.07		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	54-2	0.56	0.20	0.35	0.37	48.17	ppb
Iron	56-2	-0.04	-0.09	-0.04	-0.06		ppb
Iron	57-2	0.35	0.57	0.15	0.36	58.62	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.01	-0.01	-0.01		ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	-0.01	-0.01		ppb
Lithium	6-1				100		%
Magnesium	24-2	0.49	0.29	0.21	0.33	44.36	ppb
Manganese	55-2	0.02	-0.01	-0.02	0.00		ppb
Molybdenum	94-1	0.05	0.05	0.05	0.05	4.53	ppb
Molybdenum	95-1	0.02	0.03	0.02	0.02	16.69	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.03	13.61	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	14.17	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	18.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.25	-0.20	-0.23		ppb
Phosphorus	31-2	-20.63	-26.25	-27.88	-24.92		ppb
Potassium	39-2	14.02	12.53	13.88	13.48	6.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	82-1	-0.06	-0.11	-0.02	-0.06		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	-0.43	-0.53	-0.30		ppb
Silicon	28-1	-2.17	-2.08	-1.52	-1.93		ppb
Silver	107-1	0.01	0.01	0.01	0.01	21.95	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.43	ppb
Sodium	23-2	17.31	17.44	16.74	17.16	2.18	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-787.37	-745.06	-686.80	-739.74		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	3.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	5.97	ppb
Tin	118-1	0.00	0.00	-0.01	0.00	3121.56	ppb
Titanium	47-1	0.03	0.04	0.03	0.03	17.65	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	15.81	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	242.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	-0.38	-0.14	-0.49	-0.34		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.68	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	5.24	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12414.97	12396.11	12086.54	12299.21	1.50	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	25.64	ppb
Arsenic	75-2	0.95	0.94	0.91	0.93	2.27	ppb
Barium	135-1	25.08	25.14	25.39	25.20	0.65	ppb
Barium	137-1	25.72	25.35	25.45	25.51	0.75	ppb
Beryllium	9-1	0.11	0.11	0.11	0.11	2.93	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.12	0.06	0.08	36.83	ppb
Cadmium	106-1	1.28	1.18	0.98	1.15	13.21	ppb
Cadmium	111-1	0.17	0.16	0.15	0.16	5.86	ppb
Calcium	43-1	24161.83	25323.18	24764.66	24749.89	2.35	ppb
Calcium	44-1	23784.41	24789.44	23965.57	24179.80	2.22	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	5.69	5.84	5.63	5.72	1.95	ppb
Cobalt	59-2	25.14	25.22	25.16	25.17	0.17	ppb
Copper	63-2	18.45	18.38	18.43	18.42	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	68743.50	68170.87	67689.46	68201.28	0.77	ppb
Iron	56-2	68987.02	67325.70	66954.22	67755.65	1.60	ppb
Iron	57-2	68834.29	68606.86	67697.04	68379.39	0.88	ppb
Krypton	83-1						cps
Lead	206-1	0.33	0.33	0.33	0.33	0.71	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.32	0.32	0.31	0.32	2.86	ppb
Lead	208-1	0.32	0.32	0.33	0.33	1.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	20514.42	20725.95	20312.44	20517.61	1.01	ppb
Manganese	55-2	718.90	709.35	701.87	710.04	1.20	ppb
Molybdenum	94-1	0.14	0.15	0.15	0.14	5.03	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	9.86	ppb
Molybdenum	96-1	0.25	0.24	0.25	0.25	2.98	ppb
Molybdenum	97-1	0.05	0.06	0.04	0.05	20.48	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	2.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.61	26.25	26.36	26.41	0.70	ppb
Phosphorus	31-2	132.21	141.03	143.15	138.80	4.18	ppb
Potassium	39-2	513.75	505.71	507.31	508.92	0.84	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	0.52	0.56	0.58	0.55	5.83	ppb
Selenium	77-2	26.31	24.82	21.00	24.04	11.40	ppb
Selenium	78-2	4.32	3.98	4.50	4.27	6.21	ppb
Silicon	28-1	9945.07	10140.57	9282.29	9789.31	4.60	ppb
Silver	107-1	0.00	0.00	0.00	0.00	30.05	ppb
Silver	109-1	0.00	0.00	0.00	0.00	25.17	ppb
Sodium	23-2	7140.73	7173.74	6987.73	7100.73	1.40	ppb
Strontium	86-1	54.54	54.89	55.32	54.91	0.71	ppb
Strontium	88-1	56.37	57.44	56.41	56.74	1.07	ppb
Sulfur	34-1	78849.23	79593.45	77510.71	78651.13	1.34	ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.02	0.02	0.02	2.43	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	8.09	ppb
Tin	118-1	0.08	0.06	0.08	0.07	15.28	ppb
Titanium	47-1	1.07	1.01	1.03	1.04	3.06	ppb
Uranium	238-1	0.99	0.97	0.99	0.98	1.38	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	106.08	105.17	105.27	105.51	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				132		%
Zinc	66-2	152.72	151.40	150.09	151.40	0.87	ppb
Zirconium	90-1	0.05	0.06	0.05	0.05	7.77	ppb
Zirconium	91-1	0.05	0.05	0.06	0.05	6.90	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8827.80	8708.86	8658.54	8731.74	1.00	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.99	ppb
Arsenic	75-2	0.87	0.91	0.88	0.89	2.29	ppb
Barium	135-1	26.30	25.68	25.74	25.90	1.31	ppb
Barium	137-1	26.56	25.63	25.62	25.94	2.09	ppb
Beryllium	9-1	0.16	0.16	0.15	0.16	2.76	ppb
Bismuth	209-1				95		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.13	0.10	0.12	10.04	ppb
Cadmium	106-1	1.88	0.86	1.45	1.40	36.52	ppb
Cadmium	111-1	0.23	0.14	0.20	0.19	22.29	ppb
Calcium	43-1	35958.76	36407.69	35379.94	35915.46	1.43	ppb
Calcium	44-1	36253.42	35716.06	35400.73	35790.07	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.62	2.61	2.48	2.57	3.03	ppb
Cobalt	59-2	26.90	26.40	25.94	26.41	1.81	ppb
Copper	63-2	22.49	22.00	21.95	22.15	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	54-2	72808.40	71350.30	69993.43	71384.05	1.97	ppb
Iron	56-2	72986.88	71202.29	70522.29	71570.48	1.78	ppb
Iron	57-2	72760.29	70768.48	70720.19	71416.32	1.63	ppb
Krypton	83-1						cps
Lead	206-1	0.31	0.30	0.30	0.30	2.06	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.27	0.29	0.28	0.28	4.09	ppb
Lead	208-1	0.30	0.29	0.29	0.29	1.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	19558.12	19184.00	18666.59	19136.24	2.34	ppb
Manganese	55-2	1142.47	1102.86	1114.75	1120.02	1.81	ppb
Molybdenum	94-1	0.11	0.11	0.10	0.10	4.35	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	7.30	ppb
Molybdenum	96-1	0.25	0.25	0.24	0.25	1.31	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.74	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.72	23.31	22.87	23.30	1.83	ppb
Phosphorus	31-2	36.50	47.27	37.94	40.57	14.41	ppb
Potassium	39-2	541.01	535.14	527.31	534.49	1.29	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				101		%
Selenium	82-1	0.69	0.42	0.46	0.52	27.39	ppb
Selenium	77-2	25.12	21.19	22.08	22.80	9.04	ppb
Selenium	78-2	5.64	4.31	4.24	4.73	16.74	ppb
Silicon	28-1	10564.25	10369.30	10116.64	10350.07	2.17	ppb
Silver	107-1	0.00	0.00	0.00	0.00	52.42	ppb
Silver	109-1	0.00	0.00	0.00	0.00	11.97	ppb
Sodium	23-2	8618.07	8489.46	8237.26	8448.26	2.29	ppb
Strontium	86-1	74.68	75.34	74.24	74.75	0.75	ppb
Strontium	88-1	76.51	77.38	76.40	76.76	0.70	ppb
Sulfur	34-1	81654.38	83952.72	79712.79	81773.30	2.60	ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.02	0.02	0.02	8.66	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	7.34	ppb
Tin	118-1	0.04	0.02	0.03	0.03	27.55	ppb
Titanium	47-1	0.92	0.94	0.86	0.91	4.45	ppb
Uranium	238-1	1.14	1.19	1.17	1.17	2.04	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	72.16	71.30	70.37	71.28	1.25	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				129		%
Yttrium	89-2				131		%
Zinc	66-2	149.39	147.26	146.57	147.74	1.00	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	10.35	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	5.81	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8421.24	8395.84	8205.74	8340.94	1.41	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	3.56	ppb
Arsenic	75-2	0.74	0.74	0.80	0.76	4.55	ppb
Barium	135-1	23.57	23.48	24.10	23.72	1.41	ppb
Barium	137-1	23.62	23.46	24.50	23.86	2.34	ppb
Beryllium	9-1	0.14	0.15	0.13	0.14	4.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.09	0.10	0.08	0.09	10.02	ppb
Cadmium	106-1	1.31	1.09	1.51	1.30	15.99	ppb
Cadmium	111-1	0.20	0.18	0.20	0.19	6.66	ppb
Calcium	43-1	35323.48	34181.97	34426.09	34643.85	1.74	ppb
Calcium	44-1	34386.35	33932.05	33962.07	34093.49	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.79	1.85	1.72	1.78	3.76	ppb
Cobalt	59-2	25.63	26.14	25.59	25.78	1.19	ppb
Copper	63-2	24.78	24.91	24.48	24.72	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	68870.45	70078.73	68838.26	69262.48	1.02	ppb
Iron	56-2	68908.86	69224.90	68455.80	68863.18	0.56	ppb
Iron	57-2	69174.26	69014.02	68287.39	68825.22	0.69	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.22	0.20	0.20	8.30	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.18	0.20	0.19	0.19	5.85	ppb
Lead	208-1	0.19	0.20	0.20	0.20	2.54	ppb
Lithium	6-1				98		%
Magnesium	24-2	16937.40	17115.62	16675.32	16909.45	1.31	ppb
Manganese	55-2	998.55	994.61	990.97	994.71	0.38	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.09	12.26	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	10.05	ppb
Molybdenum	96-1	0.21	0.23	0.22	0.22	3.38	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.04	12.79	ppb
Molybdenum	98-1	0.02	0.03	0.03	0.03	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	19.28	19.47	19.06	19.27	1.07	ppb
Phosphorus	31-2	10.67	-2.79	16.71	8.20	121.79	ppb
Potassium	39-2	566.91	566.93	550.03	561.29	1.74	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	82-1	0.46	0.40	0.48	0.45	9.42	ppb
Selenium	77-2	25.75	22.27	25.65	24.55	8.06	ppb
Selenium	78-2	4.36	5.10	4.22	4.56	10.39	ppb
Silicon	28-1	10341.85	9962.96	10201.15	10168.66	1.88	ppb
Silver	107-1	0.00	0.00	0.00	0.00	17.90	ppb
Silver	109-1	0.00	0.00	0.00	0.00	20.26	ppb
Sodium	23-2	9260.71	9224.22	9125.57	9203.50	0.76	ppb
Strontium	86-1	74.95	75.04	75.69	75.23	0.54	ppb
Strontium	88-1	78.58	76.57	76.71	77.29	1.46	ppb
Sulfur	34-1	77100.76	77280.44	74944.92	76442.04	1.70	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.02	0.01	0.01	15.18	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	9.46	ppb
Tin	118-1	0.03	0.09	0.04	0.05	59.84	ppb
Titanium	47-1	0.90	0.88	0.88	0.88	1.67	ppb
Uranium	238-1	1.13	1.17	1.12	1.14	2.30	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	49.56	49.18	48.90	49.21	0.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				131		%
Yttrium	89-2				132		%
Zinc	66-2	177.04	178.98	177.65	177.89	0.56	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	9.50	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	8.49	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3388.18	3443.15	3352.07	3394.47	1.35	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	13.22	ppb
Arsenic	75-2	0.43	0.54	0.48	0.48	10.89	ppb
Barium	135-1	25.06	25.43	25.07	25.19	0.84	ppb
Barium	137-1	25.66	25.79	25.67	25.71	0.29	ppb
Beryllium	9-1	0.12	0.13	0.12	0.12	2.89	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.13	0.16	0.16	0.15	11.99	ppb
Cadmium	106-1	0.57	0.49	0.34	0.46	25.36	ppb
Cadmium	111-1	0.15	0.13	0.12	0.13	10.04	ppb
Calcium	43-1	64348.67	63254.43	64597.15	64066.75	1.12	ppb
Calcium	44-1	64462.63	63519.13	64573.72	64185.16	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.35	0.34	0.37	0.36	4.93	ppb
Cobalt	59-2	24.98	25.15	24.57	24.90	1.20	ppb
Copper	63-2	17.61	17.72	17.44	17.59	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	58901.32	59133.80	57459.61	58498.24	1.55	ppb
Iron	56-2	59131.81	59272.13	58752.08	59052.01	0.46	ppb
Iron	57-2	57997.04	59477.29	57316.32	58263.55	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.10	0.10	0.10	2.80	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.09	0.09	0.10	0.10	4.62	ppb
Lead	208-1	0.09	0.10	0.10	0.10	3.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	13159.91	13324.94	12677.31	13054.06	2.58	ppb
Manganese	55-2	1521.36	1531.95	1503.84	1519.05	0.93	ppb
Molybdenum	94-1	0.05	0.06	0.07	0.06	10.00	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	3.17	ppb
Molybdenum	96-1	0.21	0.20	0.21	0.21	0.86	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	6.62	ppb
Molybdenum	98-1	0.03	0.02	0.02	0.02	10.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.39	11.48	11.15	11.34	1.51	ppb
Phosphorus	31-2	-28.42	-25.00	-19.25	-24.22		ppb
Potassium	39-2	615.70	622.65	610.79	616.38	0.97	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	0.36	0.27	0.53	0.39	33.25	ppb
Selenium	77-2	14.56	13.62	11.99	13.39	9.70	ppb
Selenium	78-2	3.64	3.04	2.31	3.00	22.09	ppb
Silicon	28-1	9142.03	9171.69	9110.54	9141.42	0.33	ppb
Silver	107-1	0.00	0.00	0.00	0.00	21.92	ppb
Silver	109-1	0.00	0.00	0.00	0.00	19.02	ppb
Sodium	23-2	14463.38	14713.74	14237.70	14471.61	1.65	ppb
Strontium	86-1	99.11	99.23	101.41	99.92	1.29	ppb
Strontium	88-1	100.94	102.52	102.72	102.06	0.95	ppb
Sulfur	34-1	82084.19	83450.35	83062.86	82865.80	0.85	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	9.11	ppb
Thallium	205-1	0.01	0.02	0.02	0.01	15.87	ppb
Tin	118-1	0.02	0.05	0.02	0.03	55.55	ppb
Titanium	47-1	0.72	0.68	0.70	0.70	3.02	ppb
Uranium	238-1	0.89	0.88	0.88	0.88	0.23	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.97	10.97	10.80	10.91	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				121		%
Yttrium	89-2				121		%
Zinc	66-2	167.38	168.01	165.69	167.03	0.72	ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	8.48	ppb
Zirconium	91-1	0.01	0.01	0.02	0.02	7.61	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49393.43	48822.59	48862.83	49026.28	0.65	ppb
Antimony	121-1	501.68	508.16	498.89	502.91	0.95	ppb
Arsenic	75-2	500.06	498.42	506.79	501.76	0.88	ppb
Barium	135-1	2542.98	2583.93	2571.66	2566.19	0.82	ppb
Barium	137-1	2550.15	2559.91	2576.09	2562.05	0.51	ppb
Beryllium	9-1	530.40	525.24	526.51	527.38	0.51	ppb
Bismuth	209-1				86		%
Bismuth	209-2				86		%
Bromine	81-1						cps
Cadmium	108-1	492.85	497.50	496.52	495.62	0.50	ppb
Cadmium	106-1	493.03	495.85	501.43	496.77	0.86	ppb
Cadmium	111-1	498.65	485.03	492.37	492.02	1.39	ppb
Calcium	43-1	250613.48	257050.32	248429.62	252031.14	1.78	ppb
Calcium	44-1	251168.80	253460.33	247768.14	250799.09	1.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	514.94	518.20	516.11	516.42	0.32	ppb
Cobalt	59-2	502.83	493.50	492.93	496.42	1.12	ppb
Copper	63-2	4946.35	4925.78	4940.67	4937.60	0.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	54-2	125786.50	126121.05	124476.60	125461.39	0.69	ppb
Iron	56-2	128419.92	126393.98	126659.57	127157.83	0.87	ppb
Iron	57-2	127633.22	126413.37	125523.24	126523.28	0.84	ppb
Krypton	83-1						cps
Lead	206-1	2497.48	2578.62	2582.76	2552.95	1.88	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2512.80	2601.13	2588.25	2567.39	1.86	ppb
Lead	208-1	2515.11	2585.97	2586.49	2562.53	1.60	ppb
Lithium	6-1				89		%
Magnesium	24-2	252514.60	253768.50	248941.05	251741.38	1.00	ppb
Manganese	55-2	5129.39	5099.35	5124.09	5117.61	0.31	ppb
Molybdenum	94-1	4905.07	5024.93	4998.38	4976.13	1.27	ppb
Molybdenum	95-1	4863.32	5017.78	4972.48	4951.20	1.60	ppb
Molybdenum	96-1	4836.49	5025.97	4970.73	4944.40	1.97	ppb
Molybdenum	97-1	4911.60	5082.74	5022.69	5005.68	1.73	ppb
Molybdenum	98-1	4861.31	5025.09	4963.02	4949.80	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.18	494.53	490.43	495.38	1.09	ppb
Phosphorus	31-2	10433.30	10464.61	10354.59	10417.50	0.54	ppb
Potassium	39-2	122246.73	121442.31	123443.66	122377.57	0.82	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	82-1	474.86	488.80	477.39	480.35	1.55	ppb
Selenium	77-2	493.26	493.99	494.13	493.79	0.09	ppb
Selenium	78-2	490.99	508.85	498.93	499.59	1.79	ppb
Silicon	28-1	446.80	452.29	455.94	451.68	1.02	ppb
Silver	107-1	488.61	493.48	493.22	491.77	0.56	ppb
Silver	109-1	489.64	491.75	493.92	491.77	0.44	ppb
Sodium	23-2	257561.32	260078.06	254179.63	257273.00	1.15	ppb
Strontium	86-1	502.89	509.28	509.22	507.13	0.72	ppb
Strontium	88-1	497.20	512.08	505.10	504.79	1.48	ppb
Sulfur	34-1	10225.91	10130.95	10267.45	10208.10	0.69	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	498.61	515.11	508.40	507.37	1.63	ppb
Thallium	205-1	499.78	509.62	503.35	504.25	0.99	ppb
Tin	118-1	501.97	500.79	504.44	502.40	0.37	ppb
Titanium	47-1	4946.18	5042.74	4978.19	4989.04	0.99	ppb
Uranium	238-1	511.39	518.42	513.34	514.38	0.71	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	517.89	518.02	518.33	518.08	0.04	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	4978.70	4977.10	5019.60	4991.80	0.48	ppb
Zirconium	90-1	491.82	505.70	503.28	500.27	1.48	ppb
Zirconium	91-1	489.83	506.33	492.51	496.22	1.78	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	1.11	0.81	1.06	20.70	ppb
Antimony	121-1	0.10	0.08	0.07	0.09	18.04	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	108.12	ppb
Barium	135-1	0.05	0.04	0.03	0.04	20.37	ppb
Barium	137-1	0.06	0.04	0.03	0.04	34.77	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	11.49	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.05	0.02	0.03	47.47	ppb
Cadmium	106-1	-0.25	-0.09	0.07	-0.09		ppb
Cadmium	111-1	0.00	0.01	0.02	0.01	79.60	ppb
Calcium	43-1	4.76	2.34	3.10	3.40	36.36	ppb
Calcium	44-1	2.09	0.87	0.16	1.04	93.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.00	0.00	0.01	200.49	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	33.41	ppb
Copper	63-2	-0.01	-0.05	-0.02	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	54-2	1.41	1.49	1.38	1.43	3.97	ppb
Iron	56-2	1.45	1.29	1.33	1.35	6.44	ppb
Iron	57-2	2.67	1.82	1.12	1.87	41.36	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.03	0.05	32.25	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.07	0.04	0.03	0.05	41.76	ppb
Lead	208-1	0.07	0.05	0.03	0.05	36.92	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.73	2.79	2.30	2.61	10.27	ppb
Manganese	55-2	0.04	0.04	0.04	0.04	11.34	ppb
Molybdenum	94-1	0.21	0.17	0.17	0.18	12.27	ppb
Molybdenum	95-1	0.16	0.11	0.10	0.12	25.20	ppb
Molybdenum	96-1	0.15	0.12	0.09	0.12	24.35	ppb
Molybdenum	97-1	0.15	0.13	0.09	0.12	25.62	ppb
Molybdenum	98-1	0.15	0.12	0.10	0.12	24.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.23	-0.25	-0.24	-0.24		ppb
Phosphorus	31-2	-20.75	-26.59	-24.22	-23.85		ppb
Potassium	39-2	23.72	21.37	21.53	22.20	5.92	ppb
Rhodium	103-1				106		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	-0.01	-0.11	0.09	-0.01		ppb
Selenium	77-2	0.63	0.31	0.00	0.31	100.31	ppb
Selenium	78-2	-0.25	-0.25	-0.34	-0.28		ppb
Silicon	28-1	-0.12	-0.89	-1.60	-0.87		ppb
Silver	107-1	0.05	0.04	0.04	0.04	15.56	ppb
Silver	109-1	0.05	0.04	0.04	0.04	17.37	ppb
Sodium	23-2	27.57	24.40	25.60	25.86	6.19	ppb
Strontium	86-1	0.01	0.00	0.00	0.01	90.24	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	39.47	ppb
Sulfur	34-1	-772.57	-716.40	-676.72	-721.90		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.02	0.02	0.03	12.12	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	19.24	ppb
Tin	118-1	0.01	0.01	0.01	0.01	20.36	ppb
Titanium	47-1	0.13	0.12	0.07	0.11	30.02	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	33.15	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.01	0.00	39.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				103		%
Zinc	66-2	-0.06	-0.28	-0.15	-0.16		ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	5.54	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	7.46	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4590.08	4546.02	4491.74	4542.61	1.08	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	7.74	ppb
Arsenic	75-2	0.57	0.49	0.55	0.54	7.39	ppb
Barium	135-1	23.87	24.48	23.99	24.11	1.35	ppb
Barium	137-1	24.46	24.64	24.27	24.46	0.76	ppb
Beryllium	9-1	0.17	0.15	0.16	0.16	4.78	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.17	0.14	0.14	25.20	ppb
Cadmium	106-1	0.84	0.55	0.41	0.60	36.31	ppb
Cadmium	111-1	0.15	0.13	0.11	0.13	13.96	ppb
Calcium	43-1	61809.70	61310.35	61016.00	61378.69	0.65	ppb
Calcium	44-1	61814.55	61772.21	60977.96	61521.58	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.51	0.46	0.47	0.48	5.60	ppb
Cobalt	59-2	24.68	24.74	24.60	24.67	0.28	ppb
Copper	63-2	19.62	19.64	19.66	19.64	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				96		%
Iron	54-2	62099.50	61877.72	60816.42	61597.88	1.11	ppb
Iron	56-2	62303.54	61826.00	60972.39	61700.64	1.09	ppb
Iron	57-2	62824.83	61118.56	61011.19	61651.53	1.65	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.18	0.17	0.17	5.57	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.16	0.14	0.16	0.16	5.86	ppb
Lead	208-1	0.16	0.16	0.16	0.16	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	13790.22	13648.07	13577.89	13672.06	0.79	ppb
Manganese	55-2	1441.95	1457.91	1441.18	1447.02	0.65	ppb
Molybdenum	94-1	0.09	0.10	0.10	0.10	8.31	ppb
Molybdenum	95-1	0.04	0.04	0.05	0.05	5.83	ppb
Molybdenum	96-1	0.23	0.21	0.22	0.22	4.90	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	2.27	ppb
Molybdenum	98-1	0.04	0.03	0.03	0.03	14.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.79	11.89	11.93	11.87	0.60	ppb
Phosphorus	31-2	-16.92	-17.00	-20.05	-17.99		ppb
Potassium	39-2	557.16	552.00	555.09	554.75	0.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	0.48	0.53	0.40	0.47	13.87	ppb
Selenium	77-2	19.23	15.23	14.10	16.19	16.66	ppb
Selenium	78-2	3.10	3.77	4.70	3.86	20.96	ppb
Silicon	28-1	10056.61	9727.26	9631.74	9805.21	2.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	4.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	19.13	ppb
Sodium	23-2	11910.36	12044.62	11882.04	11945.67	0.73	ppb
Strontium	86-1	96.90	93.99	95.42	95.44	1.52	ppb
Strontium	88-1	99.94	98.03	98.95	98.97	0.96	ppb
Sulfur	34-1	87486.82	84356.61	84374.28	85405.90	2.11	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.39	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	11.60	ppb
Tin	118-1	0.04	0.05	0.04	0.04	16.75	ppb
Titanium	47-1	0.75	0.74	0.73	0.74	1.34	ppb
Uranium	238-1	0.87	0.89	0.90	0.89	1.89	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	17.14	16.99	17.08	17.07	0.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				118		%
Zinc	66-2	153.76	152.62	149.74	152.04	1.36	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	4.48	ppb
Zirconium	91-1	0.03	0.03	0.02	0.03	13.33	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4617.61	4578.99	4625.20	4607.26	0.54	ppb
Antimony	121-1	0.01	0.01	0.02	0.01	6.73	ppb
Arsenic	75-2	0.59	0.57	0.56	0.57	2.93	ppb
Barium	135-1	21.55	21.52	21.63	21.57	0.27	ppb
Barium	137-1	21.64	22.34	21.83	21.94	1.64	ppb
Beryllium	9-1	0.14	0.14	0.14	0.14	0.98	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	0.14	0.12	0.11	0.12	12.96	ppb
Cadmium	106-1	0.72	0.71	0.57	0.66	12.21	ppb
Cadmium	111-1	0.15	0.15	0.14	0.15	2.93	ppb
Calcium	43-1	75413.05	77372.46	76040.76	76275.43	1.31	ppb
Calcium	44-1	74808.53	77118.29	75932.98	75953.26	1.52	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	7.26	7.16	7.27	7.23	0.84	ppb
Cobalt	59-2	27.32	27.59	27.34	27.42	0.55	ppb
Copper	63-2	20.44	20.60	20.54	20.53	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	54-2	66461.60	65646.56	67078.18	66395.45	1.08	ppb
Iron	56-2	67381.60	66092.74	66790.46	66754.93	0.97	ppb
Iron	57-2	65898.06	66379.29	66513.26	66263.54	0.49	ppb
Krypton	83-1						cps
Lead	206-1	0.21	0.21	0.21	0.21	1.40	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.19	0.20	0.20	0.20	4.29	ppb
Lead	208-1	0.20	0.20	0.20	0.20	2.01	ppb
Lithium	6-1				105		%
Magnesium	24-2	16242.97	16505.71	16370.97	16373.22	0.80	ppb
Manganese	55-2	1550.55	1555.97	1570.23	1558.92	0.65	ppb
Molybdenum	94-1	0.12	0.13	0.13	0.13	1.66	ppb
Molybdenum	95-1	0.09	0.08	0.09	0.09	4.93	ppb
Molybdenum	96-1	0.27	0.27	0.26	0.27	1.82	ppb
Molybdenum	97-1	0.08	0.08	0.09	0.08	3.21	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.43	21.22	21.58	21.41	0.83	ppb
Phosphorus	31-2	-19.93	-16.76	-24.93	-20.54		ppb
Potassium	39-2	640.25	629.30	643.90	637.82	1.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.28	0.50	0.34	0.38	30.14	ppb
Selenium	77-2	17.41	17.15	20.64	18.40	10.56	ppb
Selenium	78-2	2.64	4.32	2.26	3.07	35.70	ppb
Silicon	28-1	9772.51	9855.59	9804.29	9810.80	0.43	ppb
Silver	107-1	0.00	0.01	0.01	0.01	7.61	ppb
Silver	109-1	0.00	0.00	0.00	0.00	16.33	ppb
Sodium	23-2	15603.08	15283.44	15604.63	15497.05	1.19	ppb
Strontium	86-1	115.82	117.78	117.89	117.16	0.99	ppb
Strontium	88-1	112.71	115.53	113.84	114.03	1.24	ppb
Sulfur	34-1	98865.62	98588.14	99989.34	99147.70	0.75	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	4.58	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.01	ppb
Tin	118-1	0.04	0.04	0.05	0.04	15.86	ppb
Titanium	47-1	0.68	0.72	0.72	0.71	3.15	ppb
Uranium	238-1	0.88	0.92	0.91	0.90	1.89	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	18.93	18.84	18.73	18.83	0.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				125		%
Zinc	66-2	174.11	172.95	173.34	173.47	0.34	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	5.95	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	14.43	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.47	15.05	16.70	15.41	7.49	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	4.69	ppb
Arsenic	75-2	0.06	0.06	0.06	0.06	6.84	ppb
Barium	135-1	24.42	24.11	24.54	24.36	0.92	ppb
Barium	137-1	24.55	24.60	24.66	24.60	0.22	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	5.60	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.07	0.16	0.13	0.12	35.93	ppb
Cadmium	106-1	-0.08	-0.14	-0.46	-0.22		ppb
Cadmium	111-1	0.08	0.07	0.05	0.06	25.86	ppb
Calcium	43-1	94866.07	95882.38	97116.18	95954.87	1.17	ppb
Calcium	44-1	94990.44	95621.04	96379.61	95663.69	0.73	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	0.07	0.04	0.05	45.60	ppb
Cobalt	59-2	18.05	18.24	17.87	18.05	1.03	ppb
Copper	63-2	0.42	0.39	0.40	0.40	3.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	27019.05	26918.49	26291.73	26743.09	1.47	ppb
Iron	56-2	27165.74	26972.47	26393.46	26843.89	1.50	ppb
Iron	57-2	26570.92	27157.91	26914.41	26881.08	1.10	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	10.75	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.02	0.01	22.57	ppb
Lead	208-1	0.01	0.01	0.01	0.01	17.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	10918.04	10877.38	10662.03	10819.15	1.27	ppb
Manganese	55-2	1330.32	1316.53	1289.14	1312.00	1.60	ppb
Molybdenum	94-1	0.05	0.06	0.05	0.05	4.13	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.32	ppb
Molybdenum	96-1	0.11	0.11	0.10	0.11	3.28	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	28.55	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.16	10.20	9.95	10.10	1.30	ppb
Phosphorus	31-2	-22.21	-23.86	-29.07	-25.05		ppb
Potassium	39-2	575.57	578.50	569.87	574.65	0.76	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	0.10	0.12	0.12	0.12	9.18	ppb
Selenium	77-2	3.11	1.23	1.85	2.06	46.18	ppb
Selenium	78-2	0.48	0.74	1.20	0.81	45.37	ppb
Silicon	28-1	5530.72	5595.86	5576.58	5567.72	0.60	ppb
Silver	107-1	0.00	0.01	0.00	0.00	22.16	ppb
Silver	109-1	0.01	0.01	0.01	0.01	13.54	ppb
Sodium	23-2	20182.63	20117.44	19788.59	20029.55	1.05	ppb
Strontium	86-1	123.19	120.34	118.56	120.70	1.93	ppb
Strontium	88-1	122.15	121.00	123.50	122.22	1.02	ppb
Sulfur	34-1	84206.82	84537.64	85201.39	84648.62	0.60	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	17.17	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.30	ppb
Tin	118-1	0.03	0.02	0.03	0.03	8.88	ppb
Titanium	47-1	0.40	0.37	0.38	0.38	4.06	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	4.64	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	215.63	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				105		%
Zinc	66-2	193.82	192.56	187.89	191.42	1.63	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.64	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	14.58	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3998.94	3976.15	3992.69	3989.26	0.30	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	7.58	ppb
Arsenic	75-2	0.50	0.45	0.41	0.45	10.06	ppb
Barium	135-1	22.97	23.55	23.40	23.31	1.29	ppb
Barium	137-1	23.07	23.80	23.82	23.56	1.81	ppb
Beryllium	9-1	0.12	0.11	0.11	0.11	6.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.11	0.12	0.14	0.12	13.82	ppb
Cadmium	106-1	0.47	0.51	0.59	0.52	11.98	ppb
Cadmium	111-1	0.11	0.14	0.15	0.13	12.53	ppb
Calcium	43-1	57041.47	58507.27	59833.84	58460.86	2.39	ppb
Calcium	44-1	56955.45	57993.14	58563.69	57837.43	1.41	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.52	0.55	0.52	0.53	2.89	ppb
Cobalt	59-2	22.66	22.40	22.47	22.51	0.60	ppb
Copper	63-2	17.67	17.77	17.64	17.69	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	58416.24	57434.88	57685.05	57845.39	0.88	ppb
Iron	56-2	59655.06	58810.03	58152.72	58872.60	1.28	ppb
Iron	57-2	57867.84	58139.61	57794.64	57934.03	0.31	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.12	0.12	0.12	3.50	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.13	0.12	0.12	0.12	4.15	ppb
Lead	208-1	0.12	0.12	0.12	0.12	1.16	ppb
Lithium	6-1				104		%
Magnesium	24-2	13993.01	13743.49	13963.91	13900.14	0.98	ppb
Manganese	55-2	1265.37	1251.91	1238.70	1252.00	1.07	ppb
Molybdenum	94-1	0.07	0.09	0.09	0.08	12.86	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	6.54	ppb
Molybdenum	96-1	0.22	0.22	0.21	0.22	1.40	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	5.64	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	2.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.51	14.18	14.34	14.34	1.17	ppb
Phosphorus	31-2	-18.48	-21.72	-17.31	-19.17		ppb
Potassium	39-2	542.79	542.88	547.23	544.30	0.47	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				103		%
Selenium	82-1	0.26	0.35	0.36	0.32	16.97	ppb
Selenium	77-2	15.05	12.66	15.21	14.30	9.99	ppb
Selenium	78-2	2.77	3.61	2.67	3.02	17.18	ppb
Silicon	28-1	8745.07	8937.64	8921.63	8868.11	1.20	ppb
Silver	107-1	0.00	0.00	0.00	0.00	10.44	ppb
Silver	109-1	0.00	0.01	0.00	0.00	24.82	ppb
Sodium	23-2	14534.28	14456.78	14439.17	14476.75	0.35	ppb
Strontium	86-1	87.47	91.08	92.41	90.32	2.83	ppb
Strontium	88-1	93.10	93.65	93.96	93.57	0.47	ppb
Sulfur	34-1	78106.60	82367.34	83433.66	81302.53	3.47	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.01	0.01	0.01	2.00	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.62	ppb
Tin	118-1	0.02	0.02	0.02	0.02	19.63	ppb
Titanium	47-1	0.69	0.69	0.71	0.70	1.33	ppb
Uranium	238-1	0.77	0.78	0.79	0.78	1.82	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	22.13	21.93	21.52	21.86	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				126		%
Yttrium	89-2				125		%
Zinc	66-2	162.54	163.37	164.43	163.45	0.58	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	8.28	ppb
Zirconium	91-1	0.02	0.02	0.03	0.02	20.32	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3539.56	3569.11	3539.14	3549.27	0.48	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	19.77	ppb
Arsenic	75-2	0.45	0.45	0.50	0.47	6.47	ppb
Barium	135-1	23.34	23.47	22.42	23.08	2.49	ppb
Barium	137-1	23.26	23.54	22.25	23.02	2.95	ppb
Beryllium	9-1	0.10	0.10	0.11	0.10	5.50	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Bromine	81-1						cps
Cadmium	108-1	0.10	0.10	0.07	0.09	19.73	ppb
Cadmium	106-1	0.73	0.52	0.28	0.51	44.28	ppb
Cadmium	111-1	0.13	0.10	0.08	0.10	22.21	ppb
Calcium	43-1	64497.21	66037.59	65952.42	65495.74	1.32	ppb
Calcium	44-1	66105.38	65749.30	65020.50	65625.06	0.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.59	0.61	0.56	0.58	3.97	ppb
Cobalt	59-2	20.46	20.43	20.26	20.38	0.51	ppb
Copper	63-2	11.64	11.76	11.64	11.68	0.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	54-2	57912.08	57755.43	57606.72	57758.08	0.26	ppb
Iron	56-2	58047.03	58559.76	57776.07	58127.62	0.68	ppb
Iron	57-2	57671.93	57721.87	57839.88	57744.56	0.15	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.15	0.15	4.85	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.13	0.14	0.14	3.37	ppb
Lead	208-1	0.14	0.14	0.15	0.14	1.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	15409.37	15453.49	15391.67	15418.18	0.21	ppb
Manganese	55-2	1487.72	1496.28	1489.00	1491.00	0.31	ppb
Molybdenum	94-1	0.13	0.11	0.12	0.12	5.10	ppb
Molybdenum	95-1	0.05	0.05	0.05	0.05	8.01	ppb
Molybdenum	96-1	0.22	0.22	0.20	0.21	5.79	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	9.20	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	1.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.93	17.98	17.81	17.90	0.49	ppb
Phosphorus	31-2	-18.39	-10.00	-11.41	-13.27		ppb
Potassium	39-2	558.88	564.07	558.91	560.62	0.53	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	82-1	0.36	0.32	0.25	0.31	17.77	ppb
Selenium	77-2	14.68	15.37	17.25	15.77	8.44	ppb
Selenium	78-2	3.19	2.50	3.14	2.95	13.09	ppb
Silicon	28-1	8604.22	8584.22	8451.02	8546.49	0.97	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.87	ppb
Silver	109-1	0.01	0.00	0.01	0.01	17.09	ppb
Sodium	23-2	15386.42	15614.28	15331.49	15444.06	0.97	ppb
Strontium	86-1	90.97	93.17	91.90	92.01	1.20	ppb
Strontium	88-1	94.16	96.79	96.30	95.75	1.46	ppb
Sulfur	34-1	85924.51	86505.02	86407.51	86279.01	0.36	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	13.85	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.79	ppb
Tin	118-1	0.05	0.04	0.03	0.04	31.61	ppb
Titanium	47-1	2.22	2.26	2.20	2.23	1.25	ppb
Uranium	238-1	0.72	0.71	0.74	0.72	2.23	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	33.29	33.64	33.07	33.33	0.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				124		%
Yttrium	89-2				120		%
Zinc	66-2	142.63	144.00	142.18	142.94	0.66	ppb
Zirconium	90-1	0.03	0.04	0.04	0.04	9.00	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	7.10	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1299.92	1296.75	1250.83	1282.50	2.14	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	5.03	ppb
Arsenic	75-2	0.40	0.36	0.36	0.37	6.48	ppb
Barium	135-1	23.27	23.25	23.48	23.33	0.54	ppb
Barium	137-1	23.16	23.01	24.33	23.50	3.08	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	2.45	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.12	0.11	0.12	6.17	ppb
Cadmium	106-1	0.25	0.40	0.35	0.34	22.65	ppb
Cadmium	111-1	0.13	0.16	0.15	0.14	9.77	ppb
Calcium	43-1	73332.81	74551.09	71630.89	73171.59	2.00	ppb
Calcium	44-1	72902.74	74303.17	71154.61	72786.84	2.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.17	0.18	0.14	0.17	12.13	ppb
Cobalt	59-2	40.81	40.58	39.89	40.43	1.19	ppb
Copper	63-2	9.96	9.82	9.63	9.80	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	43771.73	44031.92	43298.20	43700.62	0.85	ppb
Iron	56-2	44415.48	44152.33	43567.35	44045.05	0.99	ppb
Iron	57-2	44503.17	44274.05	42960.04	43912.42	1.90	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	1.26	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.05	0.03	0.04	21.99	ppb
Lead	208-1	0.04	0.05	0.04	0.04	7.87	ppb
Lithium	6-1				101		%
Magnesium	24-2	12580.87	12374.43	12239.46	12398.25	1.39	ppb
Manganese	55-2	2447.30	2411.77	2400.68	2419.92	1.01	ppb
Molybdenum	94-1	0.05	0.07	0.06	0.06	14.79	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.04	5.91	ppb
Molybdenum	96-1	0.15	0.15	0.15	0.15	3.19	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	24.46	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.01	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.58	14.83	14.55	14.65	1.04	ppb
Phosphorus	31-2	-14.60	-22.26	-15.70	-17.52		ppb
Potassium	39-2	594.43	597.95	586.58	592.98	0.98	ppb
Rhodium	103-1				104		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.19	0.50	0.20	0.30	57.89	ppb
Selenium	77-2	7.88	9.62	11.82	9.77	20.23	ppb
Selenium	78-2	1.94	1.94	1.72	1.87	6.90	ppb
Silicon	28-1	7754.36	8056.78	7870.23	7893.79	1.93	ppb
Silver	107-1	0.00	0.00	0.00	0.00	21.02	ppb
Silver	109-1	0.00	0.00	0.00	0.00	27.41	ppb
Sodium	23-2	11491.88	11451.23	11391.39	11444.83	0.44	ppb
Strontium	86-1	127.37	128.93	127.78	128.03	0.63	ppb
Strontium	88-1	123.98	127.10	125.09	125.39	1.26	ppb
Sulfur	34-1	76991.53	80240.95	76912.46	78048.31	2.43	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	7.41	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	4.71	ppb
Tin	118-1	0.03	0.21	0.03	0.09	117.91	ppb
Titanium	47-1	0.54	0.59	0.54	0.56	4.98	ppb
Uranium	238-1	0.51	0.52	0.51	0.51	0.99	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	3.00	2.98	2.98	2.99	0.49	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				123		%
Yttrium	89-2				111		%
Zinc	66-2	163.64	163.87	159.27	162.26	1.60	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	14.21	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	23.14	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1301.95	1284.25	1294.34	1293.51	0.69	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	33.79	ppb
Arsenic	75-2	0.39	0.33	0.37	0.36	8.66	ppb
Barium	135-1	23.14	22.60	23.37	23.03	1.71	ppb
Barium	137-1	23.68	23.08	23.60	23.45	1.39	ppb
Beryllium	9-1	0.10	0.10	0.10	0.10	1.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	0.12	0.13	0.17	0.14	21.58	ppb
Cadmium	106-1	0.21	0.42	0.40	0.35	33.59	ppb
Cadmium	111-1	0.13	0.14	0.15	0.14	5.58	ppb
Calcium	43-1	73426.13	74926.69	73656.30	74003.04	1.09	ppb
Calcium	44-1	73616.00	74033.68	73732.95	73794.21	0.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.17	0.16	0.18	11.43	ppb
Cobalt	59-2	41.08	41.18	40.42	40.89	1.01	ppb
Copper	63-2	9.96	9.91	9.78	9.88	0.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	44215.09	44549.59	43578.44	44114.37	1.12	ppb
Iron	56-2	44184.33	44220.78	44355.88	44253.66	0.20	ppb
Iron	57-2	44679.66	44819.19	43869.48	44456.11	1.15	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.06	0.06	8.96	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUP Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.05	0.05	0.06	0.05	9.18	ppb
Lead	208-1	0.06	0.05	0.06	0.06	6.86	ppb
Lithium	6-1				100		%
Magnesium	24-2	12528.22	12582.03	12458.18	12522.81	0.50	ppb
Manganese	55-2	2440.98	2425.71	2437.50	2434.73	0.33	ppb
Molybdenum	94-1	0.06	0.07	0.07	0.07	7.14	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	3.22	ppb
Molybdenum	96-1	0.15	0.15	0.16	0.15	4.76	ppb
Molybdenum	97-1	0.03	0.03	0.02	0.02	20.27	ppb
Molybdenum	98-1	0.02	0.01	0.02	0.02	10.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.87	14.85	14.56	14.76	1.18	ppb
Phosphorus	31-2	-24.99	-22.72	-25.43	-24.38		ppb
Potassium	39-2	600.17	601.48	596.34	599.33	0.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	82-1	0.34	0.41	0.44	0.40	13.27	ppb
Selenium	77-2	10.91	9.13	8.26	9.43	14.35	ppb
Selenium	78-2	1.71	2.32	2.15	2.06	15.19	ppb
Silicon	28-1	8074.89	7983.86	7866.26	7975.01	1.31	ppb
Silver	107-1	0.00	0.00	0.00	0.00	32.22	ppb
Silver	109-1	0.00	0.00	0.00	0.00	17.53	ppb
Sodium	23-2	11543.59	11565.60	11365.05	11491.41	0.96	ppb
Strontium	86-1	131.26	130.96	131.90	131.37	0.37	ppb
Strontium	88-1	127.27	128.09	128.62	127.99	0.53	ppb
Sulfur	34-1	77305.51	80485.86	80461.63	79417.67	2.30	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.01	0.01	0.01	8.87	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	12.69	ppb
Tin	118-1	0.03	0.03	0.03	0.03	10.56	ppb
Titanium	47-1	0.55	0.55	0.54	0.55	1.07	ppb
Uranium	238-1	0.51	0.51	0.52	0.51	1.94	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	2.95	3.01	3.01	2.99	1.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				110		%
Zinc	66-2	164.25	162.67	162.59	163.17	0.57	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.80	ppb
Zirconium	91-1	0.02	0.03	0.02	0.02	29.72	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	261.39	263.98	267.89	264.42	1.24	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	7.91	ppb
Arsenic	75-2	0.08	0.07	0.09	0.08	14.42	ppb
Barium	135-1	4.77	4.72	4.73	4.74	0.57	ppb
Barium	137-1	4.70	4.75	4.74	4.73	0.52	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	22.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.03	0.03	0.03	18.60	ppb
Cadmium	106-1	-0.05	-0.03	-0.23	-0.10		ppb
Cadmium	111-1	0.02	0.03	0.01	0.02	43.73	ppb
Calcium	43-1	15481.43	15083.90	15640.51	15401.95	1.86	ppb
Calcium	44-1	15116.50	14980.46	15175.10	15090.69	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.03	0.03	26.51	ppb
Cobalt	59-2	8.30	8.44	8.43	8.39	0.98	ppb
Copper	63-2	1.93	2.01	1.99	1.98	2.06	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				105		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	9013.40	9231.85	9129.55	9124.93	1.20	ppb
Iron	56-2	8945.09	9175.03	9064.80	9061.64	1.27	ppb
Iron	57-2	8682.57	8807.10	8757.09	8748.92	0.72	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.03	-0.02		ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				102		%
Magnesium	24-2	2529.85	2585.78	2588.96	2568.20	1.29	ppb
Manganese	55-2	496.29	507.67	500.57	501.51	1.15	ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	19.41	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	11.65	ppb
Molybdenum	96-1	0.03	0.04	0.04	0.04	11.09	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	18.70	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	33.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.77	2.88	2.90	2.85	2.37	ppb
Phosphorus	31-2	-24.08	-24.54	-22.00	-23.54		ppb
Potassium	39-2	122.59	128.63	132.10	127.77	3.77	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	0.12	0.22	-0.03	0.10	123.92	ppb
Selenium	77-2	1.26	3.20	3.89	2.78	49.02	ppb
Selenium	78-2	0.59	-0.05	-0.52	0.01	6264.18	ppb
Silicon	28-1	1627.92	1654.11	1633.10	1638.38	0.85	ppb
Silver	107-1	0.00	0.00	0.00	0.00	31.47	ppb
Silver	109-1	0.00	0.00	0.01	0.00	5.60	ppb
Sodium	23-2	2358.97	2383.95	2407.28	2383.40	1.01	ppb
Strontium	86-1	27.02	27.22	27.57	27.27	1.02	ppb
Strontium	88-1	28.76	28.39	28.73	28.63	0.71	ppb
Sulfur	34-1	15360.85	15843.67	15184.26	15462.93	2.21	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.01	0.01	0.01	0.01	12.30	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	13.16	ppb
Tin	118-1	0.00	0.00	0.00	0.00	369.91	ppb
Titanium	47-1	0.11	0.10	0.14	0.12	21.00	ppb
Uranium	238-1	0.10	0.10	0.10	0.10	1.76	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.58	0.61	0.58	0.59	2.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	32.00	31.97	32.35	32.11	0.66	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	20.23	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	16.96	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49013.39	49688.97	49780.95	49494.44	0.85	ppb
Antimony	121-1	499.02	509.15	512.95	507.04	1.42	ppb
Arsenic	75-2	500.19	498.17	503.26	500.54	0.51	ppb
Barium	135-1	2520.32	2604.52	2606.89	2577.24	1.91	ppb
Barium	137-1	2527.15	2578.11	2587.03	2564.10	1.26	ppb
Beryllium	9-1	526.90	521.78	506.65	518.44	2.03	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	492.94	498.77	498.48	496.73	0.66	ppb
Cadmium	106-1	493.68	494.17	500.62	496.15	0.78	ppb
Cadmium	111-1	493.30	506.55	501.91	500.59	1.34	ppb
Calcium	43-1	257393.10	250418.10	247933.12	251914.77	1.95	ppb
Calcium	44-1	251922.90	250399.03	248139.45	250153.79	0.76	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	535.87	532.34	539.36	535.86	0.66	ppb
Cobalt	59-2	506.24	514.76	512.73	511.24	0.87	ppb
Copper	63-2	5103.64	5136.48	5176.68	5138.93	0.71	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				94		%
Indium	115-1				89		%
Indium	115-2				82		%
Iron	54-2	130115.43	129828.36	130699.04	130214.27	0.34	ppb
Iron	56-2	129664.81	129455.50	131871.85	130330.72	1.03	ppb
Iron	57-2	128707.19	130931.63	130289.84	129976.22	0.88	ppb
Krypton	83-1						cps
Lead	206-1	2566.28	2558.96	2638.02	2587.75	1.69	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2568.79	2595.86	2650.13	2604.93	1.59	ppb
Lead	208-1	2571.20	2593.91	2629.20	2598.10	1.12	ppb
Lithium	6-1				91		%
Magnesium	24-2	254397.73	258162.45	254968.12	255842.77	0.79	ppb
Manganese	55-2	5248.93	5277.14	5297.64	5274.57	0.46	ppb
Molybdenum	94-1	5091.50	5003.68	5099.28	5064.82	1.05	ppb
Molybdenum	95-1	5021.49	4987.96	5114.71	5041.39	1.30	ppb
Molybdenum	96-1	5040.52	4983.06	5075.43	5033.00	0.93	ppb
Molybdenum	97-1	5072.72	5035.46	5127.02	5078.40	0.91	ppb
Molybdenum	98-1	4988.06	4987.77	5099.68	5025.17	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.78	508.70	508.08	507.19	0.41	ppb
Phosphorus	31-2	10256.24	10258.27	10375.11	10296.54	0.66	ppb
Potassium	39-2	121850.17	122589.65	123959.49	122799.77	0.87	ppb
Rhodium	103-1				88		%
Rhodium	103-2				85		%
Scandium	45-1				96		%
Scandium	45-2				92		%
Selenium	82-1	480.21	474.95	487.35	480.83	1.29	ppb
Selenium	77-2	527.33	508.46	487.38	507.72	3.94	ppb
Selenium	78-2	492.39	488.72	494.96	492.02	0.64	ppb
Silicon	28-1	449.65	459.12	450.19	452.99	1.17	ppb
Silver	107-1	490.94	492.71	494.18	492.61	0.33	ppb
Silver	109-1	488.61	498.84	498.57	495.34	1.18	ppb
Sodium	23-2	258772.53	257743.05	260825.49	259113.69	0.61	ppb
Strontium	86-1	507.32	514.91	512.43	511.56	0.76	ppb
Strontium	88-1	508.60	506.98	509.33	508.30	0.24	ppb
Sulfur	34-1	10114.48	10050.16	9503.03	9889.22	3.40	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	521.21	512.99	519.48	517.89	0.84	ppb
Thallium	205-1	513.76	511.78	519.43	514.99	0.77	ppb
Tin	118-1	501.38	507.30	512.21	506.96	1.07	ppb
Titanium	47-1	5058.37	5064.31	5012.37	5045.02	0.56	ppb
Uranium	238-1	517.30	524.14	523.66	521.70	0.73	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	529.62	527.34	536.52	531.16	0.90	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	5105.90	5142.95	5259.32	5169.39	1.55	ppb
Zirconium	90-1	515.85	509.83	509.85	511.84	0.68	ppb
Zirconium	91-1	506.95	498.36	508.23	504.51	1.06	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.16	0.27	0.69	0.71	62.78	ppb
Antimony	121-1	0.11	0.09	0.07	0.09	19.80	ppb
Arsenic	75-2	0.00	0.01	0.00	0.00	141.36	ppb
Barium	135-1	0.06	0.05	0.04	0.05	15.41	ppb
Barium	137-1	0.05	0.04	0.03	0.04	24.33	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	15.93	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.05	0.01	0.03	73.34	ppb
Cadmium	106-1	-0.35	-0.08	-0.53	-0.32		ppb
Cadmium	111-1	-0.01	0.01	-0.03	-0.01		ppb
Calcium	43-1	2.03	1.31	-0.17	1.06	106.06	ppb
Calcium	44-1	-1.04	-1.62	-2.41	-1.69		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.01	0.00	0.02	0.01	149.33	ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	34.27	ppb
Copper	63-2	-0.01	-0.03	-0.03	-0.02		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				98		%
Iron	54-2	1.85	1.57	1.72	1.71	8.19	ppb
Iron	56-2	1.65	1.48	1.55	1.56	5.43	ppb
Iron	57-2	2.40	1.27	1.68	1.78	32.09	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.04	0.03	0.04	32.59	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.06	0.05	0.03	0.05	30.03	ppb
Lead	208-1	0.06	0.04	0.03	0.04	31.45	ppb
Lithium	6-1				108		%
Magnesium	24-2	2.90	2.63	2.35	2.63	10.59	ppb
Manganese	55-2	0.04	0.06	0.05	0.05	25.47	ppb
Molybdenum	94-1	0.23	0.18	0.16	0.19	19.18	ppb
Molybdenum	95-1	0.17	0.14	0.12	0.15	15.92	ppb
Molybdenum	96-1	0.16	0.12	0.10	0.13	25.02	ppb
Molybdenum	97-1	0.17	0.12	0.11	0.13	25.86	ppb
Molybdenum	98-1	0.16	0.12	0.09	0.12	28.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.23	-0.23	-0.23		ppb
Phosphorus	31-2	-27.61	-23.16	-27.13	-25.96		ppb
Potassium	39-2	27.49	25.61	26.46	26.52	3.55	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	-0.15	-0.01	0.28	0.04	539.68	ppb
Selenium	77-2	0.34	0.00	0.00	0.11	173.21	ppb
Selenium	78-2	-0.10	-0.50	-0.01	-0.20		ppb
Silicon	28-1	-1.90	-1.07	-2.29	-1.75		ppb
Silver	107-1	0.06	0.04	0.04	0.05	20.18	ppb
Silver	109-1	0.06	0.05	0.04	0.05	21.30	ppb
Sodium	23-2	27.01	26.73	25.41	26.39	3.23	ppb
Strontium	86-1	0.01	-0.01	0.01	0.00	181.53	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.88	ppb
Sulfur	34-1	-1009.76	-897.36	-921.16	-942.76		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.03	0.03	0.03	8.15	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	14.38	ppb
Tin	118-1	0.01	0.01	0.00	0.01	79.87	ppb
Titanium	47-1	0.12	0.09	0.07	0.10	25.77	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	25.97	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.00	46.13	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				97		%
Zinc	66-2	-0.22	-0.41	-0.28	-0.30		ppb
Zirconium	90-1	0.05	0.04	0.05	0.05	16.28	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	9.06	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3068.19	3084.37	3138.08	3096.88	1.18	ppb
Antimony	121-1	99.99	98.41	96.08	98.16	2.00	ppb
Arsenic	75-2	0.39	0.34	0.33	0.35	10.19	ppb
Barium	135-1	470.49	477.75	461.93	470.06	1.69	ppb
Barium	137-1	467.40	471.54	457.79	465.57	1.51	ppb
Beryllium	9-1	98.85	95.84	97.13	97.27	1.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	94.68	92.14	92.57	93.13	1.46	ppb
Cadmium	106-1	98.60	96.99	94.35	96.64	2.22	ppb
Cadmium	111-1	96.16	94.55	92.82	94.51	1.76	ppb
Calcium	43-1	79881.33	80337.32	78297.37	79505.34	1.35	ppb
Calcium	44-1	79755.44	79476.20	77336.76	78856.14	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	98.35	98.39	100.09	98.94	1.00	ppb
Cobalt	59-2	145.51	147.07	147.82	146.80	0.80	ppb
Copper	63-2	1089.16	1060.03	1065.24	1071.48	1.45	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				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				95		%
Iron	54-2	46479.82	46718.65	48128.01	47108.83	1.89	ppb
Iron	56-2	46796.55	48003.25	47878.94	47559.58	1.40	ppb
Iron	57-2	46926.04	47154.89	47605.14	47228.69	0.73	ppb
Krypton	83-1						cps
Lead	206-1	491.54	473.38	484.14	483.02	1.89	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	499.20	484.70	489.92	491.27	1.49	ppb
Lead	208-1	494.51	481.71	487.07	487.76	1.32	ppb
Lithium	6-1				104		%
Magnesium	24-2	22268.88	22099.68	22322.28	22230.28	0.52	ppb
Manganese	55-2	3367.89	3401.73	3456.05	3408.56	1.30	ppb
Molybdenum	94-1	396.95	399.23	412.63	402.94	2.10	ppb
Molybdenum	95-1	303.58	302.45	313.15	306.39	1.92	ppb
Molybdenum	96-1	313.40	312.79	322.97	316.39	1.80	ppb
Molybdenum	97-1	301.97	310.76	320.86	311.20	3.04	ppb
Molybdenum	98-1	307.87	308.74	312.51	309.71	0.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.22	111.59	112.16	111.32	0.90	ppb
Phosphorus	31-2	-19.42	-14.34	-23.87	-19.21		ppb
Potassium	39-2	5005.88	5003.41	4990.04	4999.78	0.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				95		%
Selenium	82-1	84.21	86.40	88.50	86.37	2.48	ppb
Selenium	77-2	98.54	105.23	98.73	100.83	3.78	ppb
Selenium	78-2	91.87	96.94	88.94	92.58	4.37	ppb
Silicon	28-1	7553.25	7591.29	7590.00	7578.18	0.29	ppb
Silver	107-1	16.22	15.78	15.90	15.97	1.40	ppb
Silver	109-1	15.95	16.19	15.53	15.89	2.09	ppb
Sodium	23-2	21159.62	21232.46	21189.12	21193.74	0.17	ppb
Strontium	86-1	221.61	235.45	230.55	229.20	3.06	ppb
Strontium	88-1	219.73	228.99	227.52	225.41	2.21	ppb
Sulfur	34-1	74005.15	75198.25	72974.06	74059.15	1.50	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	98.99	96.11	98.59	97.90	1.59	ppb
Thallium	205-1	96.68	93.61	95.07	95.12	1.62	ppb
Tin	118-1	90.97	88.91	88.87	89.58	1.34	ppb
Titanium	47-1	0.87	0.87	0.89	0.87	1.32	ppb
Uranium	238-1	92.63	92.75	90.66	92.02	1.27	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.89	105.52	107.79	106.40	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				109		%
Zinc	66-2	1190.09	1174.80	1193.70	1186.20	0.85	ppb
Zirconium	90-1	84.77	85.44	84.68	84.96	0.49	ppb
Zirconium	91-1	80.07	81.89	81.58	81.18	1.20	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3051.25	3074.04	3030.79	3052.03	0.71	ppb
Antimony	121-1	99.37	99.29	99.85	99.50	0.30	ppb
Arsenic	75-2	0.33	0.32	0.50	0.38	25.86	ppb
Barium	135-1	477.09	483.49	489.75	483.44	1.31	ppb
Barium	137-1	479.08	480.98	475.95	478.67	0.53	ppb
Beryllium	9-1	98.42	100.28	98.45	99.05	1.08	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	93.33	95.18	94.16	94.22	0.98	ppb
Cadmium	106-1	100.47	99.96	100.42	100.29	0.28	ppb
Cadmium	111-1	97.58	97.42	97.05	97.35	0.28	ppb
Calcium	43-1	80139.64	81231.22	81781.29	81050.72	1.03	ppb
Calcium	44-1	80445.36	82005.13	80075.47	80841.99	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.61	99.14	97.58	98.11	0.91	ppb
Cobalt	59-2	147.40	144.27	149.07	146.92	1.66	ppb
Copper	63-2	1067.49	1068.23	1069.57	1068.43	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	46635.62	46550.24	46238.85	46474.91	0.45	ppb
Iron	56-2	47175.47	46954.76	46111.62	46747.28	1.20	ppb
Iron	57-2	46216.34	46863.70	46925.64	46668.56	0.84	ppb
Krypton	83-1						cps
Lead	206-1	479.78	482.57	489.30	483.88	1.01	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	483.02	491.98	496.87	490.62	1.43	ppb
Lead	208-1	483.62	489.93	491.21	488.25	0.83	ppb
Lithium	6-1				102		%
Magnesium	24-2	21977.58	22349.49	21682.38	22003.15	1.52	ppb
Manganese	55-2	3366.93	3359.07	3331.37	3352.46	0.56	ppb
Molybdenum	94-1	410.43	423.60	411.62	415.22	1.75	ppb
Molybdenum	95-1	314.76	318.48	307.44	313.56	1.79	ppb
Molybdenum	96-1	318.46	326.41	319.38	321.42	1.35	ppb
Molybdenum	97-1	313.19	325.55	310.30	316.34	2.56	ppb
Molybdenum	98-1	307.94	316.16	305.64	309.91	1.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.41	111.06	112.50	111.66	0.67	ppb
Phosphorus	31-2	-19.91	-24.88	-21.64	-22.14		ppb
Potassium	39-2	5063.31	4981.50	4993.74	5012.85	0.88	ppb
Rhodium	103-1				100		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	88.31	89.79	86.96	88.35	1.60	ppb
Selenium	77-2	101.36	94.43	94.90	96.90	3.99	ppb
Selenium	78-2	100.50	93.61	94.81	96.31	3.82	ppb
Silicon	28-1	7680.97	7720.11	7720.93	7707.34	0.30	ppb
Silver	107-1	16.29	16.68	16.40	16.46	1.21	ppb
Silver	109-1	16.21	16.37	16.65	16.41	1.36	ppb
Sodium	23-2	21342.45	21152.80	20863.09	21119.45	1.14	ppb
Strontium	86-1	230.00	232.58	225.84	229.47	1.48	ppb
Strontium	88-1	224.99	230.53	228.71	228.08	1.24	ppb
Sulfur	34-1	74938.89	75478.53	76598.89	75672.10	1.12	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	97.76	98.76	99.42	98.64	0.85	ppb
Thallium	205-1	95.71	97.19	96.53	96.48	0.77	ppb
Tin	118-1	90.23	90.29	90.62	90.38	0.23	ppb
Titanium	47-1	0.83	0.85	0.90	0.86	4.29	ppb
Uranium	238-1	93.08	94.52	92.76	93.46	1.00	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	105.49	106.75	104.39	105.54	1.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				110		%
Zinc	66-2	1169.06	1174.58	1174.67	1172.77	0.27	ppb
Zirconium	90-1	85.69	86.89	86.29	86.29	0.70	ppb
Zirconium	91-1	82.18	84.19	81.69	82.69	1.60	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3146.32	3150.97	3096.70	3131.33	0.96	ppb
Antimony	121-1	101.66	103.01	102.25	102.30	0.66	ppb
Arsenic	75-2	0.39	0.40	0.42	0.40	3.98	ppb
Barium	135-1	478.88	488.33	482.44	483.22	0.99	ppb
Barium	137-1	469.76	477.49	476.33	474.53	0.88	ppb
Beryllium	9-1	102.18	98.93	103.81	101.64	2.44	ppb
Bismuth	209-1				98		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	96.07	96.94	94.78	95.93	1.13	ppb
Cadmium	106-1	98.74	100.87	100.08	99.89	1.07	ppb
Cadmium	111-1	97.94	97.94	96.80	97.56	0.68	ppb
Calcium	43-1	83786.73	82225.90	82767.50	82926.71	0.96	ppb
Calcium	44-1	83167.20	80765.61	81268.97	81733.93	1.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.46	100.05	97.85	99.45	1.41	ppb
Cobalt	59-2	150.35	149.93	149.22	149.83	0.38	ppb
Copper	63-2	1109.51	1106.85	1091.20	1102.52	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	54-2	48687.86	47899.27	46170.97	47586.03	2.71	ppb
Iron	56-2	48327.07	47545.87	47138.49	47670.48	1.27	ppb
Iron	57-2	47656.09	47725.29	46932.89	47438.09	0.93	ppb
Krypton	83-1						cps
Lead	206-1	481.67	489.13	481.49	484.10	0.90	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	490.33	496.19	501.45	495.99	1.12	ppb
Lead	208-1	488.90	493.17	495.39	492.48	0.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	22924.83	22569.08	22258.05	22583.99	1.48	ppb
Manganese	55-2	3470.71	3450.75	3364.52	3428.66	1.65	ppb
Molybdenum	94-1	412.73	433.15	410.04	418.64	3.02	ppb
Molybdenum	95-1	313.85	327.51	315.32	318.89	2.35	ppb
Molybdenum	96-1	325.24	331.75	323.63	326.87	1.32	ppb
Molybdenum	97-1	317.07	324.51	318.73	320.10	1.22	ppb
Molybdenum	98-1	313.74	321.82	316.65	317.40	1.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.36	114.09	113.68	113.38	0.80	ppb
Phosphorus	31-2	-15.16	-30.78	-12.46	-19.46		ppb
Potassium	39-2	5166.03	5192.86	5037.92	5132.27	1.61	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				97		%
Selenium	82-1	90.13	91.67	85.73	89.18	3.46	ppb
Selenium	77-2	100.77	109.36	95.08	101.73	7.07	ppb
Selenium	78-2	92.61	94.69	91.82	93.04	1.59	ppb
Silicon	28-1	8136.92	7912.53	7821.14	7956.86	2.04	ppb
Silver	107-1	16.54	16.63	16.38	16.52	0.78	ppb
Silver	109-1	16.53	16.40	16.35	16.43	0.56	ppb
Sodium	23-2	21816.93	21700.30	21283.49	21600.24	1.30	ppb
Strontium	86-1	234.52	233.14	233.77	233.81	0.30	ppb
Strontium	88-1	232.22	229.81	228.37	230.13	0.84	ppb
Sulfur	34-1	79378.24	76912.96	78144.52	78145.24	1.58	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	100.47	99.39	98.59	99.49	0.95	ppb
Thallium	205-1	96.74	96.59	97.22	96.85	0.34	ppb
Tin	118-1	90.84	94.20	92.62	92.55	1.82	ppb
Titanium	47-1	0.87	0.89	0.87	0.88	1.05	ppb
Uranium	238-1	94.03	94.38	95.04	94.49	0.54	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	109.03	108.48	106.42	107.98	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				110		%
Zinc	66-2	1206.86	1189.31	1168.80	1188.33	1.60	ppb
Zirconium	90-1	87.28	89.07	86.47	87.60	1.52	ppb
Zirconium	91-1	82.68	85.14	82.12	83.32	1.93	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6146.37	6077.56	6031.31	6085.08	0.95	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	5.38	ppb
Arsenic	75-2	0.62	0.51	0.46	0.53	15.39	ppb
Barium	135-1	12.41	12.44	12.59	12.48	0.76	ppb
Barium	137-1	12.54	12.72	12.60	12.62	0.72	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	4.76	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.06	0.08	0.09	0.08	21.44	ppb
Cadmium	106-1	0.34	0.41	0.40	0.39	9.51	ppb
Cadmium	111-1	0.07	0.07	0.07	0.07	3.31	ppb
Calcium	43-1	12537.20	12682.04	12462.28	12560.51	0.89	ppb
Calcium	44-1	12297.02	12631.91	12489.70	12472.88	1.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.92	2.90	2.89	2.90	0.56	ppb
Cobalt	59-2	13.17	13.07	13.11	13.12	0.36	ppb
Copper	63-2	9.73	9.51	9.65	9.63	1.16	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	35683.78	35264.31	35026.34	35324.81	0.94	ppb
Iron	56-2	35844.75	35522.21	35064.14	35477.03	1.11	ppb
Iron	57-2	35795.28	35505.25	34809.32	35369.95	1.43	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.20	0.20	0.20	1.98	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.18	0.18	0.18	0.18	1.27	ppb
Lead	208-1	0.19	0.19	0.19	0.19	2.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	10442.93	10303.17	10126.55	10290.88	1.54	ppb
Manganese	55-2	356.16	349.16	347.42	350.91	1.32	ppb
Molybdenum	94-1	0.21	0.19	0.18	0.19	6.17	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	1.86	ppb
Molybdenum	96-1	0.16	0.16	0.16	0.16	0.79	ppb
Molybdenum	97-1	0.04	0.03	0.03	0.03	7.69	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	4.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.58	13.66	13.72	13.65	0.53	ppb
Phosphorus	31-2	61.20	65.72	57.96	61.63	6.32	ppb
Potassium	39-2	262.37	261.86	263.22	262.48	0.26	ppb
Rhodium	103-1				105		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.18	0.35	0.17	0.23	42.79	ppb
Selenium	77-2	12.64	14.05	12.95	13.21	5.59	ppb
Selenium	78-2	3.64	2.32	2.93	2.96	22.44	ppb
Silicon	28-1	4789.85	4919.91	4828.63	4846.13	1.38	ppb
Silver	107-1	0.02	0.02	0.02	0.02	16.92	ppb
Silver	109-1	0.02	0.02	0.01	0.02	21.07	ppb
Sodium	23-2	3604.98	3588.10	3544.88	3579.32	0.87	ppb
Strontium	86-1	30.35	31.03	30.18	30.52	1.47	ppb
Strontium	88-1	32.04	32.13	31.32	31.83	1.40	ppb
Sulfur	34-1	38950.59	39625.46	39921.42	39499.15	1.26	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.76	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	5.83	ppb
Tin	118-1	0.03	0.03	0.03	0.03	8.42	ppb
Titanium	47-1	0.53	0.51	0.49	0.51	4.09	ppb
Uranium	238-1	0.50	0.50	0.50	0.50	0.50	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	54.73	53.81	53.73	54.09	1.02	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				115		%
Zinc	66-2	78.82	77.47	77.09	77.79	1.17	ppb
Zirconium	90-1	0.08	0.08	0.08	0.08	4.46	ppb
Zirconium	91-1	0.09	0.08	0.08	0.08	6.25	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4411.49	4450.04	4322.79	4394.77	1.48	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	10.87	ppb
Arsenic	75-2	0.54	0.47	0.47	0.49	7.54	ppb
Barium	135-1	12.71	12.50	12.74	12.65	1.01	ppb
Barium	137-1	12.80	12.66	12.66	12.71	0.63	ppb
Beryllium	9-1	0.08	0.08	0.09	0.08	5.51	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.05	0.06	0.05	0.05	11.84	ppb
Cadmium	106-1	0.47	0.50	0.46	0.48	3.87	ppb
Cadmium	111-1	0.07	0.08	0.08	0.08	4.67	ppb
Calcium	43-1	18354.71	19077.39	18525.06	18652.39	2.03	ppb
Calcium	44-1	18525.55	18321.03	18149.67	18332.08	1.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.28	1.34	1.30	1.31	2.20	ppb
Cobalt	59-2	13.60	13.64	13.31	13.52	1.33	ppb
Copper	63-2	11.58	11.48	11.27	11.44	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				99		%
Iron	54-2	37430.47	37132.45	36735.20	37099.37	0.94	ppb
Iron	56-2	37536.63	37150.88	36636.16	37107.89	1.22	ppb
Iron	57-2	37261.31	36865.52	36323.58	36816.80	1.28	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.14	0.14	3.22	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.14	0.13	0.13	4.58	ppb
Lead	208-1	0.14	0.14	0.13	0.14	1.39	ppb
Lithium	6-1				103		%
Magnesium	24-2	9816.78	9889.07	9490.17	9732.01	2.18	ppb
Manganese	55-2	597.36	588.97	596.80	594.38	0.79	ppb
Molybdenum	94-1	0.10	0.11	0.11	0.11	4.61	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	14.89	ppb
Molybdenum	96-1	0.16	0.14	0.14	0.15	7.10	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.02	6.44	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.83	12.03	11.79	11.88	1.08	ppb
Phosphorus	31-2	2.57	1.79	2.87	2.41	23.01	ppb
Potassium	39-2	272.26	272.90	272.51	272.55	0.12	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				101		%
Selenium	82-1	0.26	0.31	0.32	0.30	11.60	ppb
Selenium	77-2	12.62	14.25	14.52	13.80	7.44	ppb
Selenium	78-2	2.90	2.25	2.04	2.40	18.75	ppb
Silicon	28-1	5295.04	5323.77	5137.04	5251.95	1.91	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	3.32	ppb
Sodium	23-2	4248.02	4273.54	4198.34	4239.97	0.90	ppb
Strontium	86-1	42.45	40.67	40.64	41.25	2.51	ppb
Strontium	88-1	43.84	42.06	42.86	42.92	2.08	ppb
Sulfur	34-1	41960.54	41392.98	39426.53	40926.68	3.25	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	5.02	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	3.55	ppb
Tin	118-1	0.00	0.02	0.01	0.01	69.51	ppb
Titanium	47-1	0.47	0.46	0.42	0.45	6.22	ppb
Uranium	238-1	0.60	0.58	0.58	0.59	1.51	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	36.25	36.83	35.80	36.29	1.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				120		%
Yttrium	89-2				118		%
Zinc	66-2	76.69	77.51	75.12	76.44	1.59	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	7.16	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	2.81	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4304.57	4266.08	4180.09	4250.25	1.50	ppb
Antimony	121-1	9.09	9.13	9.16	9.13	0.39	ppb
Arsenic	75-2	0.65	0.63	0.61	0.63	3.36	ppb
Barium	135-1	12.46	12.72	12.48	12.56	1.16	ppb
Barium	137-1	12.46	12.61	12.70	12.59	0.98	ppb
Beryllium	9-1	0.69	0.67	0.68	0.68	1.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	0.63	0.61	0.62	0.62	1.39	ppb
Cadmium	106-1	0.84	0.63	1.05	0.84	25.16	ppb
Cadmium	111-1	0.73	0.75	0.72	0.73	2.18	ppb
Calcium	43-1	18004.79	17954.49	17607.40	17855.56	1.21	ppb
Calcium	44-1	17756.16	17436.63	17462.26	17551.68	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.52	1.52	1.48	1.51	1.66	ppb
Cobalt	59-2	14.10	14.11	14.06	14.09	0.20	ppb
Copper	63-2	13.82	13.37	13.61	13.60	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	35844.56	35884.61	35589.14	35772.77	0.45	ppb
Iron	56-2	36032.94	36154.36	35776.02	35987.78	0.54	ppb
Iron	57-2	36676.32	36072.82	35385.98	36045.04	1.79	ppb
Krypton	83-1						cps
Lead	206-1	2.85	2.79	2.82	2.82	1.04	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2.83	2.79	2.84	2.82	0.99	ppb
Lead	208-1	2.86	2.83	2.83	2.84	0.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	8874.36	8667.36	8697.83	8746.52	1.28	ppb
Manganese	55-2	519.88	526.73	527.81	524.81	0.82	ppb
Molybdenum	94-1	0.35	0.38	0.36	0.36	3.64	ppb
Molybdenum	95-1	0.04	0.04	0.03	0.03	20.62	ppb
Molybdenum	96-1	0.19	0.17	0.18	0.18	4.85	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	5.44	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.28	11.06	11.14	11.16	0.98	ppb
Phosphorus	31-2	96.01	113.79	80.27	96.69	17.35	ppb
Potassium	39-2	422.35	419.08	418.75	420.06	0.47	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	0.45	0.38	0.48	0.44	12.75	ppb
Selenium	77-2	10.26	12.06	13.32	11.88	12.94	ppb
Selenium	78-2	2.44	2.50	3.19	2.71	15.39	ppb
Silicon	28-1	5162.16	5255.81	5155.17	5191.05	1.08	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.72	ppb
Silver	109-1	0.01	0.01	0.01	0.01	10.26	ppb
Sodium	23-2	4693.54	4689.54	4661.75	4681.61	0.37	ppb
Strontium	86-1	41.83	41.65	41.71	41.73	0.22	ppb
Strontium	88-1	43.43	43.25	42.99	43.22	0.52	ppb
Sulfur	34-1	37048.27	37445.59	38670.73	37721.53	2.24	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.66	0.64	0.67	0.66	2.11	ppb
Thallium	205-1	0.68	0.64	0.66	0.66	3.23	ppb
Tin	118-1	0.01	0.01	0.02	0.01	5.08	ppb
Titanium	47-1	0.52	0.53	0.50	0.51	2.99	ppb
Uranium	238-1	0.57	0.57	0.57	0.57	0.26	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	25.96	25.60	25.68	25.74	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				122		%
Yttrium	89-2				121		%
Zinc	66-2	118.09	118.58	119.91	118.86	0.79	ppb
Zirconium	90-1	0.16	0.17	0.17	0.17	4.53	ppb
Zirconium	91-1	0.17	0.19	0.18	0.18	5.22	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2357.27	2360.44	2338.29	2352.00	0.51	ppb
Antimony	121-1	18.47	18.52	18.42	18.47	0.28	ppb
Arsenic	75-2	0.89	0.72	0.83	0.81	10.75	ppb
Barium	135-1	12.06	12.08	12.03	12.06	0.22	ppb
Barium	137-1	12.13	12.07	11.95	12.05	0.77	ppb
Beryllium	9-1	1.34	1.38	1.34	1.35	1.61	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Bromine	81-1						cps
Cadmium	108-1	1.41	1.28	1.16	1.28	9.84	ppb
Cadmium	106-1	1.74	1.27	1.41	1.47	16.61	ppb
Cadmium	111-1	1.47	1.45	1.47	1.46	0.59	ppb
Calcium	43-1	38992.04	38045.62	38380.26	38472.64	1.25	ppb
Calcium	44-1	38148.28	38639.35	38684.96	38490.87	0.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	4.98	5.06	5.05	5.03	0.80	ppb
Cobalt	59-2	15.63	15.94	15.69	15.75	1.05	ppb
Copper	63-2	12.07	12.26	12.49	12.27	1.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	34573.73	34277.65	34473.45	34441.61	0.44	ppb
Iron	56-2	34739.19	35168.24	34756.11	34887.85	0.70	ppb
Iron	57-2	34359.85	35473.91	34344.88	34726.21	1.86	ppb
Krypton	83-1						cps
Lead	206-1	5.21	5.42	5.30	5.31	1.98	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.26	5.36	5.27	5.30	1.09	ppb
Lead	208-1	5.26	5.42	5.26	5.31	1.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	8362.18	8481.54	8412.71	8418.81	0.71	ppb
Manganese	55-2	803.58	824.56	812.10	813.41	1.30	ppb
Molybdenum	94-1	0.39	0.40	0.38	0.39	2.88	ppb
Molybdenum	95-1	0.08	0.08	0.09	0.08	7.17	ppb
Molybdenum	96-1	0.21	0.21	0.22	0.21	1.84	ppb
Molybdenum	97-1	0.08	0.08	0.07	0.08	4.15	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.76	13.81	13.91	13.83	0.58	ppb
Phosphorus	31-2	175.52	178.67	192.57	182.25	4.98	ppb
Potassium	39-2	579.83	593.82	599.47	591.04	1.71	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	0.82	0.56	0.47	0.62	29.10	ppb
Selenium	77-2	8.37	9.82	10.74	9.65	12.40	ppb
Selenium	78-2	2.55	2.35	2.27	2.39	5.84	ppb
Silicon	28-1	5017.83	4871.03	4928.22	4939.03	1.50	ppb
Silver	107-1	0.01	0.02	0.02	0.02	16.40	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.37	ppb
Sodium	23-2	7815.38	8000.98	7835.67	7884.01	1.29	ppb
Strontium	86-1	61.30	60.49	60.35	60.72	0.85	ppb
Strontium	88-1	63.55	63.51	63.02	63.36	0.47	ppb
Sulfur	34-1	51000.53	48328.39	49041.09	49456.67	2.80	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	1.08	1.10	1.06	1.08	1.50	ppb
Thallium	205-1	1.07	1.09	1.08	1.08	0.94	ppb
Tin	118-1	0.03	0.02	0.03	0.02	32.93	ppb
Titanium	47-1	0.54	0.53	0.55	0.54	2.30	ppb
Uranium	238-1	0.44	0.46	0.46	0.45	2.25	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	10.89	11.19	10.96	11.01	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				118		%
Yttrium	89-2				109		%
Zinc	66-2	148.50	151.54	150.47	150.17	1.03	ppb
Zirconium	90-1	0.17	0.18	0.17	0.17	2.93	ppb
Zirconium	91-1	0.18	0.18	0.18	0.18	0.81	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2028.08	2062.74	2011.07	2033.96	1.29	ppb
Antimony	121-1	17.59	18.06	17.76	17.80	1.36	ppb
Arsenic	75-2	1.18	1.26	1.31	1.25	4.93	ppb
Barium	135-1	13.71	13.41	13.43	13.52	1.25	ppb
Barium	137-1	13.67	13.76	13.66	13.69	0.41	ppb
Beryllium	9-1	1.76	1.76	1.78	1.77	0.51	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	1.42	1.47	1.48	1.46	2.16	ppb
Cadmium	106-1	1.46	1.62	1.89	1.66	13.28	ppb
Cadmium	111-1	1.75	1.77	1.75	1.76	0.59	ppb
Calcium	43-1	29637.51	29970.84	30226.27	29944.87	0.99	ppb
Calcium	44-1	29303.18	29805.78	29834.35	29647.77	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.85	1.89	1.89	1.88	1.47	ppb
Cobalt	59-2	13.32	13.65	13.32	13.43	1.43	ppb
Copper	63-2	10.90	11.10	10.92	10.97	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				106		%
Indium	115-2				97		%
Iron	54-2	29242.76	30254.94	29494.84	29664.18	1.78	ppb
Iron	56-2	29455.72	30423.74	29703.16	29860.87	1.68	ppb
Iron	57-2	29690.59	30588.73	29758.97	30012.76	1.67	ppb
Krypton	83-1						cps
Lead	206-1	6.84	6.82	6.80	6.82	0.31	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	6.75	6.82	6.80	6.79	0.54	ppb
Lead	208-1	6.86	6.83	6.84	6.84	0.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	7179.30	7302.09	7139.82	7207.07	1.17	ppb
Manganese	55-2	643.67	658.05	638.50	646.74	1.57	ppb
Molybdenum	94-1	0.28	0.30	0.29	0.29	4.63	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	4.55	ppb
Molybdenum	96-1	0.18	0.18	0.19	0.19	3.35	ppb
Molybdenum	97-1	0.07	0.07	0.07	0.07	3.45	ppb
Molybdenum	98-1	0.07	0.07	0.07	0.07	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	10.66	10.82	10.69	10.72	0.78	ppb
Phosphorus	31-2	170.96	192.37	174.70	179.34	6.38	ppb
Potassium	39-2	528.10	537.04	528.94	531.36	0.93	ppb
Rhodium	103-1				105		%
Rhodium	103-2				100		%
Scandium	45-1				108		%
Scandium	45-2				98		%
Selenium	82-1	1.28	1.39	1.28	1.31	5.09	ppb
Selenium	77-2	6.66	6.97	7.33	6.99	4.78	ppb
Selenium	78-2	2.95	2.78	2.80	2.84	3.31	ppb
Silicon	28-1	4449.29	4476.28	4474.72	4466.77	0.34	ppb
Silver	107-1	0.04	0.04	0.04	0.04	3.32	ppb
Silver	109-1	0.04	0.04	0.04	0.04	1.52	ppb
Sodium	23-2	7525.96	7609.57	7503.78	7546.44	0.74	ppb
Strontium	86-1	48.48	50.29	48.76	49.17	1.98	ppb
Strontium	88-1	50.25	50.57	50.58	50.47	0.37	ppb
Sulfur	34-1	40652.51	41010.98	40662.56	40775.35	0.50	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.28	1.28	1.27	1.28	0.51	ppb
Thallium	205-1	1.28	1.27	1.29	1.28	0.71	ppb
Tin	118-1	0.05	0.02	0.02	0.03	52.67	ppb
Titanium	47-1	0.52	0.52	0.54	0.53	1.88	ppb
Uranium	238-1	0.38	0.38	0.38	0.38	0.51	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	12.79	12.96	12.59	12.78	1.44	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				107		%
Zinc	66-2	155.11	160.37	155.39	156.96	1.89	ppb
Zirconium	90-1	0.11	0.12	0.11	0.11	7.70	ppb
Zirconium	91-1	0.11	0.13	0.11	0.12	12.73	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48862.58	48600.36	49483.38	48982.11	0.93	ppb
Antimony	121-1	504.89	515.30	499.09	506.43	1.62	ppb
Arsenic	75-2	492.71	503.40	499.80	498.64	1.09	ppb
Barium	135-1	2576.27	2611.31	2525.98	2571.18	1.67	ppb
Barium	137-1	2555.54	2576.62	2519.41	2550.52	1.13	ppb
Beryllium	9-1	528.78	514.31	510.64	517.91	1.85	ppb
Bismuth	209-1				88		%
Bismuth	209-2				85		%
Bromine	81-1						cps
Cadmium	108-1	492.26	490.21	483.66	488.71	0.92	ppb
Cadmium	106-1	499.88	500.87	489.61	496.79	1.26	ppb
Cadmium	111-1	503.16	494.29	489.75	495.73	1.38	ppb
Calcium	43-1	244704.75	244821.32	245994.06	245173.38	0.29	ppb
Calcium	44-1	243561.45	240963.17	243862.22	242795.61	0.66	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	524.58	519.78	532.84	525.73	1.26	ppb
Cobalt	59-2	518.68	498.88	506.32	507.96	1.97	ppb
Copper	63-2	4976.48	4877.92	5028.24	4960.88	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				83		%
Iron	54-2	125630.80	123995.71	127128.32	125584.94	1.25	ppb
Iron	56-2	127141.73	125466.01	127008.39	126538.71	0.74	ppb
Iron	57-2	125803.00	124082.74	126616.81	125500.85	1.03	ppb
Krypton	83-1						cps
Lead	206-1	2500.40	2513.23	2573.18	2528.93	1.54	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2508.15	2501.75	2553.91	2521.27	1.13	ppb
Lead	208-1	2510.55	2532.30	2565.92	2536.26	1.10	ppb
Lithium	6-1				91		%
Magnesium	24-2	254549.31	248442.71	256404.63	253132.21	1.65	ppb
Manganese	55-2	5212.08	5150.31	5259.80	5207.40	1.05	ppb
Molybdenum	94-1	4928.86	4961.46	5012.60	4967.64	0.85	ppb
Molybdenum	95-1	4815.78	4865.62	5026.80	4902.73	2.25	ppb
Molybdenum	96-1	4860.67	4835.74	5001.95	4899.45	1.83	ppb
Molybdenum	97-1	4995.29	4914.16	5077.95	4995.80	1.64	ppb
Molybdenum	98-1	4933.20	4834.79	5135.63	4967.87	3.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.89	493.74	502.60	500.74	1.26	ppb
Phosphorus	31-2	10391.31	9966.66	10268.68	10208.88	2.14	ppb
Potassium	39-2	122150.51	120103.93	122986.84	121747.09	1.22	ppb
Rhodium	103-1				90		%
Rhodium	103-2				87		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	82-1	472.34	466.70	488.06	475.70	2.33	ppb
Selenium	77-2	477.68	489.71	509.04	492.14	3.21	ppb
Selenium	78-2	497.11	488.43	498.66	494.73	1.11	ppb
Silicon	28-1	487.14	478.74	495.62	487.17	1.73	ppb
Silver	107-1	496.48	492.02	485.50	491.33	1.12	ppb
Silver	109-1	498.14	491.57	485.65	491.79	1.27	ppb
Sodium	23-2	252659.62	250612.00	255181.22	252817.62	0.91	ppb
Strontium	86-1	505.33	509.15	516.65	510.38	1.13	ppb
Strontium	88-1	497.35	498.97	507.25	501.19	1.06	ppb
Sulfur	34-1	10240.88	10023.35	9741.01	10001.75	2.51	ppb
Terbium	159-1				97		%
Terbium	159-2				95		%
Thallium	203-1	498.08	499.34	509.49	502.30	1.25	ppb
Thallium	205-1	497.64	500.13	505.43	501.07	0.79	ppb
Tin	118-1	507.33	508.84	503.20	506.45	0.58	ppb
Titanium	47-1	4971.41	4960.09	4960.71	4964.07	0.13	ppb
Uranium	238-1	503.61	511.19	511.70	508.83	0.89	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	532.68	523.38	536.85	530.97	1.30	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	4961.22	4978.31	5104.83	5014.79	1.56	ppb
Zirconium	90-1	495.33	499.71	501.28	498.77	0.62	ppb
Zirconium	91-1	488.17	492.63	505.80	495.53	1.85	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.08	0.19	0.26	0.13	140.50	ppb
Antimony	121-1	0.05	0.04	0.04	0.05	6.14	ppb
Arsenic	75-2	0.01	0.02	0.00	0.01	89.37	ppb
Barium	135-1	0.02	0.02	0.01	0.02	23.92	ppb
Barium	137-1	0.01	0.02	0.02	0.02	33.08	ppb
Beryllium	9-1	0.02	0.02	0.01	0.02	23.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.04	0.00	0.01	0.02	113.80	ppb
Cadmium	106-1	-0.05	-0.20	-0.24	-0.16		ppb
Cadmium	111-1	0.01	-0.01	-0.01	0.00		ppb
Calcium	43-1	-6.12	-8.03	-5.27	-6.47		ppb
Calcium	44-1	-9.05	-10.28	-8.96	-9.43		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.02	0.00	0.02	80.35	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	95.06	ppb
Copper	63-2	-0.07	-0.08	-0.08	-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				106		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	1.16	1.67	1.18	1.34	21.42	ppb
Iron	56-2	0.92	0.98	0.88	0.93	5.12	ppb
Iron	57-2	1.69	1.84	0.91	1.48	33.54	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	211.14	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.01	0.01	0.00	0.00	201.05	ppb
Lead	208-1	0.01	0.01	0.00	0.01	139.80	ppb
Lithium	6-1				108		%
Magnesium	24-2	1.17	1.56	1.36	1.36	14.59	ppb
Manganese	55-2	0.06	0.05	0.09	0.06	37.19	ppb
Molybdenum	94-1	0.16	0.12	0.11	0.13	17.79	ppb
Molybdenum	95-1	0.09	0.08	0.07	0.08	14.21	ppb
Molybdenum	96-1	0.07	0.06	0.05	0.06	15.38	ppb
Molybdenum	97-1	0.07	0.06	0.04	0.06	26.23	ppb
Molybdenum	98-1	0.07	0.05	0.05	0.06	25.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.24	-0.24	-0.27	-0.25		ppb
Phosphorus	31-2	-19.86	-23.85	-26.33	-23.35		ppb
Potassium	39-2	24.85	26.34	24.35	25.18	4.12	ppb
Rhodium	103-1				108		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				99		%
Selenium	82-1	-0.08	-0.20	-0.06	-0.12		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.32	0.05	0.24	-0.01		ppb
Silicon	28-1	-2.68	-2.55	-3.08	-2.77		ppb
Silver	107-1	0.03	0.02	0.02	0.02	17.77	ppb
Silver	109-1	0.02	0.02	0.02	0.02	10.05	ppb
Sodium	23-2	28.55	29.48	25.91	27.98	6.62	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	31.75	ppb
Sulfur	34-1	-790.82	-813.78	-693.29	-765.96		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.02	0.02	0.02	0.02	10.61	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.41	ppb
Tin	118-1	-0.01	0.01	0.00	0.00		ppb
Titanium	47-1	0.05	0.03	0.05	0.04	29.72	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.93	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	237.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				101		%
Zinc	66-2	-0.92	-0.99	-0.95	-0.96		ppb
Zirconium	90-1	0.04	0.04	0.03	0.04	7.07	ppb
Zirconium	91-1	0.03	0.04	0.03	0.03	11.42	ppb

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510	390	397	432	15.60	cps
Antimony	121-1	140	63	97	100	38.44	cps
Arsenic	75-2	0	3	10	4	114.60	cps
Barium	135-1	170	103	187	153	28.76	cps
Barium	137-1	300	293	297	297	1.12	cps
Beryllium	9-1	91	92	94	93	1.53	cps
Bismuth	209-1	5362259	5439011	5413623	5404964	0.72	cps
Bismuth	209-2	2603233	2657391	2609894	2623506	1.13	cps
Bromine	81-1	29324	28800	29404	29176	1.13	cps
Cadmium	108-1	10	7	20	12	56.76	cps
Cadmium	106-1	5124	5418	5131	5224	3.21	cps
Cadmium	111-1	3600	3804	3594	3666	3.26	cps
Calcium	43-1	2337	2324	2404	2355	1.82	cps
Calcium	44-1	61611	60828	61146	61195	0.64	cps
Carbon	12-1	4098003	3969007	3841044	3969351	3.24	cps
Carbon	12-2	26093	26524	26694	26437	1.17	cps
Chlorine	35-1	129197	128840	128726	128921	0.19	cps
Chlorine	35-2	593	563	627	594	5.33	cps
Chromium	52-2	1767	1863	1657	1762	5.87	cps
Cobalt	59-2	107	167	113	129	25.52	cps
Copper	63-2	3530	3427	3541	3499	1.79	cps
Dysprosium	156-1	20	27	17	21	24.12	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	87	47	63	66	30.65	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	80	87	77	81	6.28	cps
Gadolinium	160-2	27	3	20	17	72.13	cps
Holmium	165-1	8940261	9002761	9051027	8998016	0.62	cps
Holmium	165-2	3689113	3719166	3707381	3705220	0.41	cps
Indium	115-1	7985082	8078257	8089972	8051103	0.71	cps
Indium	115-2	955112	956633	959100	956949	0.21	cps
Iron	54-2	980	1060	1023	1021	3.92	cps
Iron	56-2	13089	13056	13336	13161	1.16	cps
Iron	57-2	217	277	297	263	15.81	cps
Krypton	83-1	387	350	380	372	5.25	cps
Lead	206-1	2064	1997	1927	1996	3.42	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1720	1847	1677	1748	5.05	cps
Lead	208-1	7754	8161	7618	7844	3.60	cps
Lithium	6-1	2604013	2566306	2538480	2569600	1.28	cps
Magnesium	24-2	723	657	573	651	11.54	cps
Manganese	55-2	1123	1033	1080	1079	4.17	cps
Molybdenum	94-1	440	573	510	508	13.14	cps
Molybdenum	95-1	273	197	200	223	19.40	cps
Molybdenum	96-1	280	327	333	313	9.27	cps
Molybdenum	97-1	130	137	110	126	11.05	cps
Molybdenum	98-1	343	300	350	331	8.20	cps
Neodymium	150-1	10	7	13	10	33.30	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1930	1970	1907	1936	1.66	cps
Phosphorus	31-2	193	110	150	151	27.58	cps
Potassium	39-2	19924	19860	20501	20095	1.76	cps
Rhodium	103-1	7588948	7569240	7619048	7592412	0.33	cps
Rhodium	103-2	3415007	3369167	3408216	3397464	0.73	cps
Scandium	45-1	5518729	5562489	5427110	5502776	1.26	cps
Scandium	45-2	130055	129857	127644	129186	1.04	cps
Selenium	82-1	7	53	-30	10	417.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	23	23	34	55.89	cps
Silicon	28-1	558408	562349	550231	556996	1.11	cps
Silver	107-1	183	100	140	141	29.54	cps
Silver	109-1	60	43	43	49	19.69	cps
Sodium	23-2	57068	57734	56030	56944	1.51	cps
Strontium	86-1	630	720	723	691	7.66	cps
Strontium	88-1	920	890	963	924	3.99	cps
Sulfur	34-1	769445	769159	767764	768789	0.12	cps
Terbium	159-1	9285944	9362010	9500397	9382784	1.16	cps
Terbium	159-2	3612668	3631573	3581007	3608416	0.71	cps
Thallium	203-1	157	103	120	127	21.54	cps
Thallium	205-1	323	317	340	327	3.68	cps
Tin	118-1	4397	4107	4044	4183	4.51	cps
Titanium	47-1	357	337	333	342	3.69	cps
Uranium	238-1	137	157	133	142	8.87	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:55:33 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	27	33	29	13.31	cps
Ytterbium	172-1	27	67	67	53	43.30	cps
Ytterbium	172-2	30	13	30	24	39.37	cps
Ytterbium	176-1	1160	1233	1180	1191	3.18	cps
Ytterbium	176-2	377	383	373	378	1.35	cps
Yttrium	89-1	14555724	14701741	14639390	14632285	0.50	cps
Yttrium	89-2	1238714	1240609	1239017	1239447	0.08	cps
Zinc	66-2	3584	3407	3534	3508	2.60	cps
Zirconium	90-1	1040	1007	1003	1017	1.99	cps
Zirconium	91-1	167	230	193	197	16.17	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3357	3364	3330	3350	0.53	cps
Antimony	121-1	65405	66464	66109	65993	0.82	cps
Arsenic	75-2	850	830	827	836	1.51	cps
Barium	135-1	79434	78922	79572	79309	0.43	cps
Barium	137-1	134346	137174	135979	135833	1.05	cps
Beryllium	9-1	8468	8721	8621	8603	1.48	cps
Bismuth	209-1	5395798	5404320	5387179	5395765	0.16	cps
Bismuth	209-2	2624208	2647969	2580930	2617702	1.30	cps
Bromine	81-1	28776	29294	29033	29035	0.89	cps
Cadmium	108-1	680	723	717	707	3.30	cps
Cadmium	106-1	6322	6532	6155	6336	2.98	cps
Cadmium	111-1	12475	12669	12203	12449	1.88	cps
Calcium	43-1	57819	60660	58632	59037	2.48	cps
Calcium	44-1	989352	997132	988880	991788	0.47	cps
Carbon	12-1	4480133	4331794	4205499	4339142	3.17	cps
Carbon	12-2	28855	29172	28578	28868	1.03	cps
Chlorine	35-1	137129	137129	136634	136964	0.21	cps
Chlorine	35-2	643	620	627	630	1.91	cps
Chromium	52-2	18789	18949	18505	18748	1.20	cps
Cobalt	59-2	16677	16934	16600	16737	1.04	cps
Copper	63-2	29297	29240	28966	29168	0.61	cps
Dysprosium	156-1	27	20	10	19	44.42	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	40	60	67	56	24.98	cps
Erbium	164-2	40	13	17	23	62.27	cps
Gadolinium	160-1	70	73	67	70	4.76	cps
Gadolinium	160-2	23	27	30	27	12.51	cps
Holmium	165-1	9085500	8946194	9023276	9018323	0.77	cps
Holmium	165-2	3742274	3710189	3696963	3716475	0.63	cps
Indium	115-1	7917682	8122357	8135148	8058396	1.51	cps
Indium	115-2	965580	960304	957353	961079	0.43	cps
Iron	54-2	19019	19510	18359	18963	3.05	cps
Iron	56-2	341390	337914	327785	335696	2.11	cps
Iron	57-2	8319	8643	8403	8455	1.99	cps
Krypton	83-1	450	343	360	384	14.93	cps
Lead	206-1	23401	22864	23411	23225	1.35	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19735	20202	20376	20105	1.65	cps
Lead	208-1	91596	91760	92656	92004	0.62	cps
Lithium	6-1	2542007	2584680	2597273	2574653	1.13	cps
Magnesium	24-2	255621	256530	245349	252500	2.46	cps
Manganese	55-2	4881	4751	4574	4735	3.25	cps
Molybdenum	94-1	70762	73044	72223	72009	1.60	cps
Molybdenum	95-1	85229	85544	87271	86015	1.28	cps
Molybdenum	96-1	95036	96469	95784	95763	0.75	cps
Molybdenum	97-1	53687	53891	54724	54100	1.02	cps
Molybdenum	98-1	137655	139432	138770	138619	0.65	cps
Neodymium	150-1	17	23	13	18	28.64	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	5488	5574	5388	5483	1.70	cps
Phosphorus	31-2	400	370	373	381	4.31	cps
Potassium	39-2	192229	192351	187198	190592	1.54	cps
Rhodium	103-1	7598489	7772036	7780083	7716869	1.33	cps
Rhodium	103-2	3415112	3411699	3409021	3411944	0.09	cps
Scandium	45-1	5503319	5592187	5511529	5535678	0.89	cps
Scandium	45-2	131602	128350	130328	130094	1.26	cps
Selenium	82-1	2590	2860	2780	2744	5.06	cps
Selenium	77-2	53	67	37	52	28.78	cps
Selenium	78-2	207	243	173	208	16.85	cps
Silicon	28-1	702099	723069	709650	711606	1.49	cps
Silver	107-1	41840	41703	41686	41743	0.20	cps
Silver	109-1	39246	39149	40035	39476	1.23	cps
Sodium	23-2	567044	567469	548308	560940	1.95	cps
Strontium	86-1	12119	12262	11838	12073	1.78	cps
Strontium	88-1	99958	100347	101096	100467	0.58	cps
Sulfur	34-1	764319	770064	760868	765084	0.61	cps
Terbium	159-1	9303624	9242862	9569101	9371862	1.85	cps
Terbium	159-2	3537630	3693454	3576499	3602528	2.25	cps
Thallium	203-1	26373	27843	28124	27447	3.43	cps
Thallium	205-1	64704	65162	64570	64812	0.48	cps
Tin	118-1	139119	139660	142943	140574	1.47	cps
Titanium	47-1	26411	26742	26681	26611	0.66	cps
Uranium	238-1	83502	82854	82654	83003	0.53	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 11:58:55 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	32894	33259	31374	32509	3.07	cps
Ytterbium	172-1	80	63	50	64	23.32	cps
Ytterbium	172-2	30	13	30	24	39.37	cps
Ytterbium	176-1	1207	1283	1347	1279	5.48	cps
Ytterbium	176-2	333	353	370	352	5.21	cps
Yttrium	89-1	14722875	14931210	14876129	14843405	0.73	cps
Yttrium	89-2	1248591	1250313	1254013	1250973	0.22	cps
Zinc	66-2	10160	10120	9917	10066	1.30	cps
Zirconium	90-1	61780	60531	61488	61266	1.07	cps
Zirconium	91-1	13653	13457	13737	13616	1.06	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	128666	128340	128118	128375	0.21	cps
Antimony	121-1	1601276	1627568	1618882	1615909	0.83	cps
Arsenic	75-2	39987	39295	39154	39478	1.13	cps
Barium	135-1	1913932	1936108	1938217	1929419	0.70	cps
Barium	137-1	3251331	3330659	3315490	3299160	1.28	cps
Beryllium	9-1	446720	451049	453909	450559	0.80	cps
Bismuth	209-1	5361341	5326219	5464908	5384156	1.34	cps
Bismuth	209-2	2650630	2609441	2618283	2626118	0.83	cps
Bromine	81-1	28666	29114	28997	28925	0.80	cps
Cadmium	108-1	32949	32208	33554	32904	2.05	cps
Cadmium	106-1	51426	53108	53262	52599	1.94	cps
Cadmium	111-1	396046	411604	407643	405098	2.00	cps
Calcium	43-1	544541	543448	554066	547352	1.07	cps
Calcium	44-1	8776249	8650116	8717449	8714605	0.72	cps
Carbon	12-1	4424200	4214510	4242320	4293677	2.65	cps
Carbon	12-2	29917	29323	28458	29232	2.51	cps
Chlorine	35-1	137028	134756	134313	135366	1.08	cps
Chlorine	35-2	550	703	587	613	13.05	cps
Chromium	52-2	400647	400846	402226	401240	0.21	cps
Cobalt	59-2	730023	725754	724528	726768	0.40	cps
Copper	63-2	5700612	5732757	5711663	5715011	0.29	cps
Dysprosium	156-1	43	57	20	40	46.40	cps
Dysprosium	156-2	17	0	13	10	88.20	cps
Erbium	164-1	47	67	67	60	19.24	cps
Erbium	164-2	40	37	33	37	9.10	cps
Gadolinium	160-1	90	110	73	91	20.15	cps
Gadolinium	160-2	30	20	17	22	31.22	cps
Holmium	165-1	9031027	9110331	9214155	9118504	1.01	cps
Holmium	165-2	3680893	3667630	3687413	3678646	0.27	cps
Indium	115-1	7882165	8077774	8155025	8038321	1.75	cps
Indium	115-2	939266	945836	939593	941565	0.39	cps
Iron	54-2	824214	822676	825055	823982	0.15	cps
Iron	56-2	15000149	14892351	15084415	14992305	0.64	cps
Iron	57-2	376480	376727	374799	376002	0.28	cps
Krypton	83-1	353	350	360	354	1.44	cps
Lead	206-1	5428675	5539826	5584720	5517740	1.46	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4649956	4684035	4768319	4700770	1.30	cps
Lead	208-1	21353429	21455062	21842455	21550315	1.20	cps
Lithium	6-1	2568696	2638183	2598410	2601763	1.34	cps
Magnesium	24-2	2284680	2313801	2268763	2289081	1.00	cps
Manganese	55-2	1719321	1733923	1696563	1716602	1.10	cps
Molybdenum	94-1	5737391	5620621	5647763	5668591	1.08	cps
Molybdenum	95-1	8220338	8218882	8277184	8238802	0.40	cps
Molybdenum	96-1	8764103	9030766	8870055	8888308	1.51	cps
Molybdenum	97-1	5045641	5150563	5078567	5091590	1.05	cps
Molybdenum	98-1	13174903	13196164	13303259	13224775	0.52	cps
Neodymium	150-1	143	110	167	140	20.34	cps
Neodymium	150-2	3	23	0	9	142.00	cps
Nickel	60-2	202679	201257	201331	201755	0.40	cps
Phosphorus	31-2	6728	6658	6822	6736	1.22	cps
Potassium	39-2	821488	825033	823101	823207	0.22	cps
Rhodium	103-1	7561645	7677459	7758793	7665966	1.29	cps
Rhodium	103-2	3347779	3322785	3381157	3350574	0.87	cps
Scandium	45-1	5534027	5502196	5437482	5491235	0.90	cps
Scandium	45-2	127449	127069	126584	127034	0.34	cps
Selenium	82-1	24916	25237	25240	25131	0.74	cps
Selenium	77-2	540	503	547	530	4.40	cps
Selenium	78-2	1717	1827	1790	1778	3.15	cps
Silicon	28-1	1561798	1541945	1877638	1660460	11.34	cps
Silver	107-1	2122838	2189416	2194015	2168756	1.84	cps
Silver	109-1	2001406	1989263	2030939	2007203	1.07	cps
Sodium	23-2	4609746	4542333	4558423	4570167	0.77	cps
Strontium	86-1	531146	533976	534253	533125	0.32	cps
Strontium	88-1	4697870	4718129	4826716	4747572	1.46	cps
Sulfur	34-1	915958	908298	908677	910977	0.47	cps
Terbium	159-1	9471730	9364675	9600579	9478995	1.25	cps
Terbium	159-2	3564036	3629420	3623143	3605533	1.00	cps
Thallium	203-1	1285282	1291477	1321705	1299488	1.50	cps
Thallium	205-1	3164252	3176021	3173200	3171158	0.19	cps
Tin	118-1	1299811	1309424	1323277	1310837	0.90	cps
Titanium	47-1	2464675	2432651	2465597	2454308	0.76	cps
Uranium	238-1	4028739	4047924	4014322	4030328	0.42	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:05:41 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	303612	302281	302286	302726	0.25	cps
Ytterbium	172-1	73	77	83	78	6.55	cps
Ytterbium	172-2	37	20	40	32	33.25	cps
Ytterbium	176-1	7279	7599	7335	7404	2.31	cps
Ytterbium	176-2	2917	2597	2774	2763	5.80	cps
Yttrium	89-1	14832380	14556941	14880536	14756619	1.18	cps
Yttrium	89-2	1229146	1230677	1234379	1231401	0.22	cps
Zinc	66-2	626147	634216	630023	630129	0.64	cps
Zirconium	90-1	2909175	2845912	2879699	2878262	1.10	cps
Zirconium	91-1	624380	620377	630498	625085	0.82	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299954	300520	296815	299096	0.67	cps
Antimony	121-1	3952555	4029127	3984790	3988824	0.96	cps
Arsenic	75-2	93897	94316	92450	93554	1.05	cps
Barium	135-1	4760879	4808654	4789562	4786365	0.50	cps
Barium	137-1	7976714	8068032	8016858	8020535	0.57	cps
Beryllium	9-1	1076157	1086189	1083465	1081937	0.48	cps
Bismuth	209-1	5360324	5460256	5341464	5387348	1.19	cps
Bismuth	209-2	2546692	2564116	2565851	2558886	0.41	cps
Bromine	81-1	28152	28793	28222	28389	1.24	cps
Cadmium	108-1	80111	79424	81962	80499	1.63	cps
Cadmium	106-1	118406	118711	119169	118762	0.32	cps
Cadmium	111-1	977397	994605	991749	987917	0.93	cps
Calcium	43-1	1283431	1317417	1296405	1299084	1.32	cps
Calcium	44-1	20925016	20994409	21086945	21002124	0.39	cps
Carbon	12-1	4584450	4518316	4445204	4515990	1.54	cps
Carbon	12-2	30943	30665	30956	30855	0.53	cps
Chlorine	35-1	143479	143429	141887	142932	0.63	cps
Chlorine	35-2	667	640	580	629	7.06	cps
Chromium	52-2	958635	947587	945079	950434	0.76	cps
Cobalt	59-2	1790012	1781076	1742812	1771300	1.42	cps
Copper	63-2	13711168	13517917	13456129	13561738	0.98	cps
Dysprosium	156-1	113	73	90	92	21.79	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	110	130	97	112	14.95	cps
Erbium	164-2	37	23	40	33	26.47	cps
Gadolinium	160-1	147	113	93	118	22.88	cps
Gadolinium	160-2	13	47	27	29	58.08	cps
Holmium	165-1	9194852	9134777	9115272	9148300	0.45	cps
Holmium	165-2	3729787	3686305	3701969	3706020	0.59	cps
Indium	115-1	7974641	8029878	7811298	7938606	1.43	cps
Indium	115-2	917580	919092	911847	916173	0.42	cps
Iron	54-2	1981997	2007899	1955095	1981664	1.33	cps
Iron	56-2	35841375	35694510	35476060	35670649	0.52	cps
Iron	57-2	892986	890410	889139	890845	0.22	cps
Krypton	83-1	380	377	363	373	2.36	cps
Lead	206-1	13320084	13564537	13683282	13522634	1.37	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	11382737	11479878	11423177	11428597	0.43	cps
Lead	208-1	52378499	53343718	52869842	52864020	0.91	cps
Lithium	6-1	2609991	2536613	2651162	2599255	2.23	cps
Magnesium	24-2	5318669	5253150	5333873	5301897	0.81	cps
Manganese	55-2	4106808	4093948	4043629	4081462	0.82	cps
Molybdenum	94-1	14014000	13862970	13920781	13932584	0.55	cps
Molybdenum	95-1	20269472	19934336	19937068	20046959	0.96	cps
Molybdenum	96-1	21987563	21889951	21869521	21915679	0.29	cps
Molybdenum	97-1	12571010	12438149	12457457	12488872	0.57	cps
Molybdenum	98-1	32497618	32420540	32635685	32517948	0.34	cps
Neodymium	150-1	330	293	273	299	9.62	cps
Neodymium	150-2	20	17	3	13	66.16	cps
Nickel	60-2	479808	475678	470204	475230	1.01	cps
Phosphorus	31-2	15789	15729	16096	15871	1.24	cps
Potassium	39-2	1909304	1919779	1893440	1907508	0.70	cps
Rhodium	103-1	7485803	7598419	7584481	7556235	0.81	cps
Rhodium	103-2	3279115	3290107	3260282	3276502	0.46	cps
Scandium	45-1	5351884	5493214	5494154	5446418	1.50	cps
Scandium	45-2	123441	123000	121938	122793	0.63	cps
Selenium	82-1	61040	61436	61301	61259	0.33	cps
Selenium	77-2	1213	1297	1177	1229	5.00	cps
Selenium	78-2	4327	4091	4411	4276	3.88	cps
Silicon	28-1	2972354	2981449	3018357	2990720	0.81	cps
Silver	107-1	5221264	5299621	5196516	5239134	1.03	cps
Silver	109-1	4909148	4918908	4921457	4916505	0.13	cps
Sodium	23-2	10767492	10682589	10598182	10682754	0.79	cps
Strontium	86-1	1278304	1306262	1297260	1293942	1.10	cps
Strontium	88-1	11325265	11563164	11507645	11465358	1.09	cps
Sulfur	34-1	1028182	1009932	1021520	1019878	0.91	cps
Terbium	159-1	9495066	9686618	9507433	9563039	1.12	cps
Terbium	159-2	3581390	3540240	3581536	3567722	0.67	cps
Thallium	203-1	3289365	3359066	3360493	3336308	1.22	cps
Thallium	205-1	7760017	7921659	7782272	7821316	1.12	cps
Tin	118-1	3273172	3317025	3260643	3283614	0.90	cps
Titanium	47-1	5733362	5829392	5810825	5791193	0.88	cps
Uranium	238-1	9900798	9923516	9838210	9887508	0.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:08:43 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	724912	717312	714005	718743	0.78	cps
Ytterbium	172-1	117	97	133	116	15.89	cps
Ytterbium	172-2	43	30	43	39	19.79	cps
Ytterbium	176-1	16530	17038	16798	16789	1.51	cps
Ytterbium	176-2	6288	6302	6205	6265	0.84	cps
Yttrium	89-1	14445004	14631051	14669801	14581952	0.82	cps
Yttrium	89-2	1212286	1202719	1206470	1207158	0.40	cps
Zinc	66-2	1572756	1532944	1493344	1533015	2.59	cps
Zirconium	90-1	6819064	6998401	6858624	6892030	1.37	cps
Zirconium	91-1	1591239	1560023	1560511	1570591	1.14	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	592478	592917	587364	590920	0.52	cps
Antimony	121-1	7816739	7741411	7747470	7768540	0.54	cps
Arsenic	75-2	187055	186942	186368	186788	0.20	cps
Barium	135-1	9337720	9408639	9121056	9289138	1.61	cps
Barium	137-1	15936696	15738962	15674111	15783256	0.87	cps
Beryllium	9-1	1998939	1987795	2062280	2016338	1.99	cps
Bismuth	209-1	5361771	5254256	5414424	5343484	1.53	cps
Bismuth	209-2	2493037	2510738	2500621	2501465	0.36	cps
Bromine	81-1	28659	27030	27928	27872	2.93	cps
Cadmium	108-1	156999	152321	157964	155761	1.94	cps
Cadmium	106-1	223397	227635	226960	225998	1.01	cps
Cadmium	111-1	1993928	1998981	2038822	2010577	1.22	cps
Calcium	43-1	2467256	2503350	2460035	2476880	0.94	cps
Calcium	44-1	39817552	41005923	40329037	40384171	1.48	cps
Carbon	12-1	4837014	4854400	4751711	4814375	1.14	cps
Carbon	12-2	34323	33939	33485	33916	1.24	cps
Chlorine	35-1	152285	153521	151732	152512	0.60	cps
Chlorine	35-2	653	653	720	676	5.70	cps
Chromium	52-2	1882594	1915535	1894636	1897588	0.88	cps
Cobalt	59-2	3427148	3443914	3407061	3426041	0.54	cps
Copper	63-2	26475592	26389132	26286459	26383728	0.36	cps
Dysprosium	156-1	157	170	173	167	5.29	cps
Dysprosium	156-2	27	23	27	26	7.55	cps
Erbium	164-1	163	133	117	138	17.16	cps
Erbium	164-2	50	60	70	60	16.67	cps
Gadolinium	160-1	120	117	110	116	4.41	cps
Gadolinium	160-2	53	33	50	46	23.52	cps
Holmium	165-1	9022431	9054517	9145135	9074028	0.70	cps
Holmium	165-2	3582051	3633661	3559036	3591583	1.06	cps
Indium	115-1	7782831	7841743	7970132	7864902	1.22	cps
Indium	115-2	884391	887365	881758	884505	0.32	cps
Iron	54-2	3794044	3903455	3833282	3843594	1.44	cps
Iron	56-2	69550292	69983176	69999127	69844198	0.36	cps
Iron	57-2	1793383	1799410	1789048	1793947	0.29	cps
Krypton	83-1	433	430	407	423	3.43	cps
Lead	206-1	26834475	26776815	27472777	27028022	1.43	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	22664947	22579126	23141862	22795312	1.33	cps
Lead	208-1	105365528	104259990	106561650	105395723	1.09	cps
Lithium	6-1	2558304	2515548	2614394	2562749	1.93	cps
Magnesium	24-2	10635070	10350066	10432650	10472595	1.40	cps
Manganese	55-2	7874433	8046213	7976130	7965592	1.08	cps
Molybdenum	94-1	27094015	27509690	27989923	27531209	1.63	cps
Molybdenum	95-1	39203571	39806069	40866110	39958583	2.11	cps
Molybdenum	96-1	42504051	43070536	44466571	43347053	2.33	cps
Molybdenum	97-1	24159457	24581229	25035407	24592031	1.78	cps
Molybdenum	98-1	62721402	64898962	65596222	64405529	2.33	cps
Neodymium	150-1	567	613	630	603	5.44	cps
Neodymium	150-2	13	17	27	19	36.75	cps
Nickel	60-2	917041	916746	916086	916624	0.05	cps
Phosphorus	31-2	31601	30228	31775	31201	2.72	cps
Potassium	39-2	3771116	3704302	3740281	3738566	0.89	cps
Rhodium	103-1	7251724	7333441	7413228	7332798	1.10	cps
Rhodium	103-2	3144484	3184863	3217313	3182220	1.15	cps
Scandium	45-1	5140227	5265725	5278974	5228309	1.46	cps
Scandium	45-2	123075	124133	122211	123140	0.78	cps
Selenium	82-1	118856	122049	121518	120808	1.42	cps
Selenium	77-2	2554	2470	2394	2472	3.24	cps
Selenium	78-2	8232	8336	8593	8387	2.21	cps
Silicon	28-1	5348912	5438760	5383357	5390343	0.84	cps
Silver	107-1	10039974	9808995	10120909	9989960	1.62	cps
Silver	109-1	9423583	9486822	9626775	9512393	1.09	cps
Sodium	23-2	21237200	20945520	21029154	21070624	0.71	cps
Strontium	86-1	2631774	2607360	2610981	2616705	0.50	cps
Strontium	88-1	22654036	22636313	22374484	22554944	0.69	cps
Sulfur	34-1	1313466	1310571	1292926	1305654	0.85	cps
Terbium	159-1	9136406	9290042	9529228	9318559	2.12	cps
Terbium	159-2	3550112	3513797	3519582	3527830	0.55	cps
Thallium	203-1	6417808	6557014	6694403	6556409	2.11	cps
Thallium	205-1	15174319	15257251	15679829	15370466	1.76	cps
Tin	118-1	6373239	6456881	6601237	6477119	1.78	cps
Titanium	47-1	11176704	11525089	11469752	11390515	1.64	cps
Uranium	238-1	19741173	19451121	19622949	19605081	0.74	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:11:36 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1419368	1440364	1409218	1422983	1.12	cps
Ytterbium	172-1	113	213	183	170	30.18	cps
Ytterbium	172-2	60	70	60	63	9.12	cps
Ytterbium	176-1	32219	31341	31661	31740	1.40	cps
Ytterbium	176-2	12116	12646	12216	12326	2.29	cps
Yttrium	89-1	14099994	14403343	14341420	14281586	1.12	cps
Yttrium	89-2	1186702	1196323	1185227	1189417	0.51	cps
Zinc	66-2	3029154	2962109	3033501	3008255	1.33	cps
Zirconium	90-1	13450365	13756100	13689910	13632125	1.18	cps
Zirconium	91-1	3006098	3114142	3138120	3086120	2.28	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1160854	1161678	1161053	1161195	0.04	cps
Antimony	121-1	15326407	15445645	15500591	15424214	0.58	cps
Arsenic	75-2	369968	367346	365978	367764	0.55	cps
Barium	135-1	18434969	18816865	18670923	18640919	1.03	cps
Barium	137-1	31413555	31938902	31666722	31673060	0.83	cps
Beryllium	9-1	3862710	3883840	3921903	3889484	0.77	cps
Bismuth	209-1	5006567	5106538	5067976	5060360	1.00	cps
Bismuth	209-2	2431068	2425453	2393081	2416534	0.85	cps
Bromine	81-1	28078	28910	27607	28198	2.34	cps
Cadmium	108-1	303972	307995	307352	306440	0.71	cps
Cadmium	106-1	433265	442637	444722	440208	1.39	cps
Cadmium	111-1	3831481	3898197	3892581	3874086	0.96	cps
Calcium	43-1	5014858	4863805	4970188	4949617	1.57	cps
Calcium	44-1	80141659	81246509	80731950	80706706	0.69	cps
Carbon	12-1	5399820	5515270	5481390	5465493	1.09	cps
Carbon	12-2	40024	40830	40145	40333	1.08	cps
Chlorine	35-1	170916	169580	173570	171355	1.19	cps
Chlorine	35-2	843	860	773	826	5.57	cps
Chromium	52-2	3681780	3677288	3655532	3671533	0.38	cps
Cobalt	59-2	6739790	6693935	6754607	6729444	0.47	cps
Copper	63-2	51371329	51216858	50547363	51045183	0.86	cps
Dysprosium	156-1	350	330	380	353	7.12	cps
Dysprosium	156-2	53	43	77	58	29.61	cps
Erbium	164-1	247	240	233	240	2.78	cps
Erbium	164-2	83	110	73	89	21.33	cps
Gadolinium	160-1	157	177	167	167	6.00	cps
Gadolinium	160-2	57	67	63	62	8.18	cps
Holmium	165-1	8938847	9036592	8794288	8923242	1.37	cps
Holmium	165-2	3576436	3506484	3529518	3537479	1.01	cps
Indium	115-1	7417772	7420879	7374015	7404222	0.35	cps
Indium	115-2	829972	826689	832475	829712	0.35	cps
Iron	54-2	7493478	7487361	7454525	7478455	0.28	cps
Iron	56-2	136986605	138341578	136266035	137198072	0.77	cps
Iron	57-2	3520909	3524208	3521665	3522260	0.05	cps
Krypton	83-1	413	430	330	391	13.70	cps
Lead	206-1	51767166	52650271	52821306	52412914	1.08	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43974526	44625278	44880076	44493293	1.05	cps
Lead	208-1	202401050	206331137	206301237	205011141	1.10	cps
Lithium	6-1	2488504	2462379	2527734	2492872	1.32	cps
Magnesium	24-2	20444646	20607072	20389729	20480482	0.55	cps
Manganese	55-2	15563326	15778805	15637959	15660030	0.70	cps
Molybdenum	94-1	54395963	55075839	55147443	54873081	0.76	cps
Molybdenum	95-1	79359740	81039772	80024627	80141380	1.06	cps
Molybdenum	96-1	86490762	87992135	86238892	86907263	1.09	cps
Molybdenum	97-1	49156301	49449351	49290328	49298660	0.30	cps
Molybdenum	98-1	127035931	127830845	129739371	128202049	1.08	cps
Neodymium	150-1	1043	1133	1130	1102	4.63	cps
Neodymium	150-2	57	57	70	61	12.59	cps
Nickel	60-2	1910077	1873767	1887682	1890509	0.97	cps
Phosphorus	31-2	60656	60368	60244	60423	0.35	cps
Potassium	39-2	7378087	7271807	7302872	7317589	0.75	cps
Rhodium	103-1	6999502	7058643	7084312	7047486	0.62	cps
Rhodium	103-2	3060400	3054082	3039852	3051445	0.34	cps
Scandium	45-1	5222105	5162332	5140016	5174818	0.82	cps
Scandium	45-2	121619	120080	120796	120832	0.64	cps
Selenium	82-1	230204	235893	235438	233845	1.35	cps
Selenium	77-2	4781	4864	4921	4855	1.45	cps
Selenium	78-2	16116	16433	16109	16219	1.14	cps
Silicon	28-1	9909863	10240101	10070607	10073523	1.64	cps
Silver	107-1	19537806	19722797	19564217	19608273	0.51	cps
Silver	109-1	18328449	18563289	18440853	18444197	0.64	cps
Sodium	23-2	41309289	41715018	41432224	41485510	0.50	cps
Strontium	86-1	5111620	5194011	5199807	5168479	0.95	cps
Strontium	88-1	44900009	45468584	45055536	45141377	0.65	cps
Sulfur	34-1	1846182	1868698	1839749	1851543	0.82	cps
Terbium	159-1	9248809	9306235	9237803	9264282	0.40	cps
Terbium	159-2	3499801	3527247	3385619	3470889	2.16	cps
Thallium	203-1	12764255	12752351	12665646	12727417	0.42	cps
Thallium	205-1	30238802	30432795	30104219	30258605	0.55	cps
Tin	118-1	12740320	12693982	12628070	12687457	0.44	cps
Titanium	47-1	22482650	22783907	22622990	22629849	0.67	cps
Uranium	238-1	38155189	38953774	38849664	38652876	1.12	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:14:23 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2782189	2856882	2807428	2815500	1.35	cps
Ytterbium	172-1	223	240	260	241	7.61	cps
Ytterbium	172-2	147	117	133	132	11.37	cps
Ytterbium	176-1	62377	62782	62115	62424	0.54	cps
Ytterbium	176-2	24539	24249	24002	24263	1.11	cps
Yttrium	89-1	14250961	14173052	14049732	14157915	0.72	cps
Yttrium	89-2	1162571	1156745	1149195	1156170	0.58	cps
Zinc	66-2	5853412	5882890	5765340	5833881	1.05	cps
Zirconium	90-1	27193730	27217834	27754349	27388637	1.16	cps
Zirconium	91-1	6105198	6172235	6102451	6126628	0.65	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2243180	2204778	2160028	2202662	1.89	cps
Antimony	121-1	30104052	30332681	30042778	30159837	0.51	cps
Arsenic	75-2	712072	718327	708437	712945	0.70	cps
Barium	135-1	35014809	36237081	36153184	35801691	1.91	cps
Barium	137-1	59936374	61931334	61676657	61181455	1.77	cps
Beryllium	9-1	7533215	7457047	7632582	7540948	1.17	cps
Bismuth	209-1	4880094	4859337	4858536	4865989	0.25	cps
Bismuth	209-2	2282664	2325051	2322021	2309912	1.02	cps
Bromine	81-1	28623	29144	27861	28542	2.26	cps
Cadmium	108-1	593173	588836	588905	590304	0.42	cps
Cadmium	106-1	847827	848291	836567	844228	0.79	cps
Cadmium	111-1	7473054	7433416	7571903	7492791	0.95	cps
Calcium	43-1	9561442	9907522	9786039	9751668	1.80	cps
Calcium	44-1	156370461	161106178	159806448	159094362	1.54	cps
Carbon	12-1	6593595	6890967	7128343	6870968	3.90	cps
Carbon	12-2	53570	53323	52978	53290	0.56	cps
Chlorine	35-1	208903	213694	215054	212550	1.52	cps
Chlorine	35-2	1017	1077	1067	1053	3.05	cps
Chromium	52-2	7142804	7167623	7062957	7124461	0.77	cps
Cobalt	59-2	12695122	12864948	12741836	12767302	0.69	cps
Copper	63-2	97447365	97045899	97574972	97356079	0.28	cps
Dysprosium	156-1	593	643	653	630	5.10	cps
Dysprosium	156-2	120	107	90	106	14.24	cps
Erbium	164-1	363	353	290	336	11.85	cps
Erbium	164-2	143	117	133	131	10.28	cps
Gadolinium	160-1	290	373	363	342	13.29	cps
Gadolinium	160-2	100	157	73	110	38.69	cps
Holmium	165-1	8757739	8849974	8762918	8790210	0.59	cps
Holmium	165-2	3514501	3541894	3512025	3522807	0.47	cps
Indium	115-1	6909090	6914218	6947648	6923652	0.30	cps
Indium	115-2	749765	767078	750927	755923	1.28	cps
Iron	54-2	14513669	14728816	14326478	14522988	1.39	cps
Iron	56-2	266462696	262322216	264512896	264432603	0.78	cps
Iron	57-2	6733887	6697808	6661165	6697620	0.54	cps
Krypton	83-1	440	383	457	427	9.01	cps
Lead	206-1	99737295	100313272	101683835	100578134	0.99	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	84743322	85817080	84864852	85141752	0.69	cps
Lead	208-1	391381481	394540969	393572831	393165094	0.41	cps
Lithium	6-1	2406466	2430912	2426790	2421389	0.54	cps
Magnesium	24-2	39290219	39572154	38853966	39238779	0.92	cps
Manganese	55-2	30677097	30610079	30372544	30553240	0.52	cps
Molybdenum	94-1	107201818	108031072	107910122	107714337	0.42	cps
Molybdenum	95-1	155549371	155029661	158123701	156234244	1.06	cps
Molybdenum	96-1	169893084	170490644	171511711	170631813	0.48	cps
Molybdenum	97-1	93666459	96224055	96020829	95303781	1.49	cps
Molybdenum	98-1	246655496	251263603	250367710	249428936	0.98	cps
Neodymium	150-1	2187	2130	2244	2187	2.59	cps
Neodymium	150-2	100	113	107	107	6.25	cps
Nickel	60-2	3573917	3577221	3575837	3575658	0.05	cps
Phosphorus	31-2	115737	116019	115441	115732	0.25	cps
Potassium	39-2	14299268	14022488	14116592	14146116	0.99	cps
Rhodium	103-1	6671038	6727225	6729918	6709394	0.50	cps
Rhodium	103-2	2959707	2968738	2955629	2961358	0.23	cps
Scandium	45-1	5070460	5088270	5078755	5079162	0.18	cps
Scandium	45-2	120671	121266	120704	120880	0.28	cps
Selenium	82-1	447406	451869	458629	452634	1.25	cps
Selenium	77-2	8973	9447	9607	9342	3.53	cps
Selenium	78-2	31679	32077	31251	31669	1.30	cps
Silicon	28-1	18735850	18909278	18890864	18845331	0.51	cps
Silver	107-1	37050044	37728669	37697469	37492061	1.02	cps
Silver	109-1	34883501	35072110	35802100	35252571	1.38	cps
Sodium	23-2	79654684	80204677	79598037	79819133	0.42	cps
Strontium	86-1	9908358	9958015	9969325	9945233	0.33	cps
Strontium	88-1	86771639	87392859	87723575	87296024	0.55	cps
Sulfur	34-1	2939972	2984673	2912088	2945578	1.24	cps
Terbium	159-1	9039053	9059289	8945399	9014580	0.67	cps
Terbium	159-2	3421022	3422427	3442920	3428789	0.36	cps
Thallium	203-1	24420138	24706349	25199630	24775372	1.59	cps
Thallium	205-1	58115516	59176702	59597119	58963112	1.29	cps
Tin	118-1	24719182	24812160	24757499	24762947	0.19	cps
Titanium	47-1	44555199	44301319	44267914	44374811	0.35	cps
Uranium	238-1	76581024	75884319	77599629	76688324	1.12	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:17:08 DataFile Name : 011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	5409324	5477043	5428568	5438312	0.64	cps
Ytterbium	172-1	443	490	440	458	6.11	cps
Ytterbium	172-2	140	197	157	164	17.71	cps
Ytterbium	176-1	118806	121933	121191	120643	1.35	cps
Ytterbium	176-2	48074	46512	47555	47380	1.68	cps
Yttrium	89-1	13768570	13805263	13761334	13778389	0.17	cps
Yttrium	89-2	1133993	1144129	1125327	1134483	0.83	cps
Zinc	66-2	11230589	11175324	11099309	11168407	0.59	cps
Zirconium	90-1	53666154	54144918	53799348	53870140	0.46	cps
Zirconium	91-1	12131064	12028772	12108880	12089572	0.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11407705	11271666	10916073	11198481	2.27	cps
Antimony	121-1	16407	15649	14561	15539	5.97	cps
Arsenic	75-2	350	353	333	346	3.10	cps
Barium	135-1	13517	13493	13237	13416	1.16	cps
Barium	137-1	23253	23611	23183	23349	0.98	cps
Beryllium	9-1	1962	1884	1856	1901	2.88	cps
Bismuth	209-1	4241571	4205609	4183739	4210307	0.69	cps
Bismuth	209-2	2073742	2065218	2085395	2074785	0.49	cps
Bromine	81-1	25884	26398	26135	26139	0.98	cps
Cadmium	108-1	217	230	237	228	4.47	cps
Cadmium	106-1	4998	4668	4858	4841	3.42	cps
Cadmium	111-1	4443	4140	4251	4278	3.59	cps
Calcium	43-1	44947824	44140479	43943341	44343882	1.20	cps
Calcium	44-1	735065056	728050282	728841882	730652407	0.53	cps
Carbon	12-1	4995496	4897729	4785434	4892887	2.15	cps
Carbon	12-2	46864	46911	45891	46556	1.24	cps
Chlorine	35-1	126970	124244	123575	124930	1.44	cps
Chlorine	35-2	670	637	637	648	2.97	cps
Chromium	52-2	63001	60728	59486	61072	2.92	cps
Cobalt	59-2	27330	26468	25590	26462	3.29	cps
Copper	63-2	25974	25830	24869	25558	2.35	cps
Dysprosium	156-1	877	1053	1043	991	10.01	cps
Dysprosium	156-2	310	357	317	328	7.70	cps
Erbium	164-1	1167	1173	1020	1120	7.74	cps
Erbium	164-2	463	427	367	419	11.65	cps
Gadolinium	160-1	950	790	823	854	9.88	cps
Gadolinium	160-2	400	340	377	372	8.13	cps
Holmium	165-1	8142034	8097864	8061316	8100405	0.50	cps
Holmium	165-2	3414403	3349013	3418485	3393967	1.15	cps
Indium	115-1	6621875	6662812	6651479	6645389	0.32	cps
Indium	115-2	824025	821135	828577	824579	0.45	cps
Iron	54-2	70117289	68376641	65487842	67993924	3.44	cps
Iron	56-2	1280897794	1264055021	1200685955	1248546257	3.39	cps
Iron	57-2	32283698	31703848	30720035	31569194	2.50	cps
Krypton	83-1	440	460	520	473	8.80	cps
Lead	206-1	103727	103253	101403	102795	1.19	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	89537	88872	86352	88253	1.90	cps
Lead	208-1	410850	406214	398733	405265	1.51	cps
Lithium	6-1	2209503	2234544	2216546	2220197	0.58	cps
Magnesium	24-2	194661177	192079004	185514284	190751488	2.47	cps
Manganese	55-2	16370	15856	15575	15933	2.53	cps
Molybdenum	94-1	20288	19424	19781	19831	2.19	cps
Molybdenum	95-1	19694	19704	19671	19690	0.09	cps
Molybdenum	96-1	33975	33430	32775	33394	1.80	cps
Molybdenum	97-1	11979	11431	10904	11438	4.70	cps
Molybdenum	98-1	30210	28589	27795	28865	4.26	cps
Neodymium	150-1	560	530	613	568	7.43	cps
Neodymium	150-2	177	127	167	157	16.89	cps
Nickel	60-2	16713	16490	15836	16346	2.79	cps
Phosphorus	31-2	157	167	127	150	13.88	cps
Potassium	39-2	74050036	72910626	70695222	72551961	2.35	cps
Rhodium	103-1	5826103	5888164	5792909	5835725	0.83	cps
Rhodium	103-2	2659061	2625456	2674306	2652941	0.94	cps
Scandium	45-1	4662766	4681376	4639202	4661115	0.45	cps
Scandium	45-2	113433	112932	114303	113556	0.61	cps
Selenium	82-1	330	320	253	301	13.84	cps
Selenium	77-2	10	10	3	8	49.52	cps
Selenium	78-2	43	57	67	56	21.08	cps
Silicon	28-1	847141	796822	772127	805363	4.75	cps
Silver	107-1	3671	3284	2960	3305	10.76	cps
Silver	109-1	3494	3307	2944	3248	8.61	cps
Sodium	23-2	392065621	390369688	379538674	387324661	1.75	cps
Strontium	86-1	31011	31282	31676	31323	1.07	cps
Strontium	88-1	267950	270801	268930	269227	0.54	cps
Sulfur	34-1	547898	540525	540535	542986	0.78	cps
Terbium	159-1	8406792	8394951	8257562	8353102	0.99	cps
Terbium	159-2	3319268	3332936	3302059	3318088	0.47	cps
Thallium	203-1	1984	1663	1677	1775	10.20	cps
Thallium	205-1	4778	4171	3727	4225	12.48	cps
Tin	118-1	7576	7192	7172	7313	3.11	cps
Titanium	47-1	3470	3580	3480	3510	1.73	cps
Uranium	238-1	3227	2860	2684	2924	9.48	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 12:19:58 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1470	1467	1330	1422	5.62	cps
Ytterbium	172-1	1883	1660	1733	1759	6.47	cps
Ytterbium	172-2	830	893	727	817	10.30	cps
Ytterbium	176-1	2354	2174	2137	2221	5.22	cps
Ytterbium	176-2	873	793	743	803	8.16	cps
Yttrium	89-1	12884477	12967140	12549287	12800301	1.73	cps
Yttrium	89-2	1129295	1135269	1134914	1133159	0.30	cps
Zinc	66-2	66435	66468	63515	65473	2.59	cps
Zirconium	90-1	24662	23380	22889	23643	3.87	cps
Zirconium	91-1	5264	5304	5511	5360	2.47	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	66183	64495	63893	64857	1.83	cps
Antimony	121-1	6198968	6149371	6224628	6190989	0.62	cps
Arsenic	75-2	159852	160128	158145	159375	0.67	cps
Barium	135-1	730993	731248	747935	736725	1.32	cps
Barium	137-1	1265868	1285526	1283219	1278204	0.84	cps
Beryllium	9-1	800743	810155	806775	805891	0.59	cps
Bismuth	209-1	5413544	5464224	5271494	5383087	1.86	cps
Bismuth	209-2	2654355	2685755	2628972	2656361	1.07	cps
Bromine	81-1	30473	30988	31322	30928	1.38	cps
Cadmium	108-1	51442	52710	52583	52245	1.34	cps
Cadmium	106-1	77101	76745	77194	77013	0.31	cps
Cadmium	111-1	800634	793365	804964	799654	0.73	cps
Calcium	43-1	206991	211568	213254	210604	1.54	cps
Calcium	44-1	3431898	3433717	3450473	3438696	0.30	cps
Carbon	12-1	5124550	5091710	4939010	5051757	1.96	cps
Carbon	12-2	35042	34845	34724	34870	0.46	cps
Chlorine	35-1	140269	140114	140504	140296	0.14	cps
Chlorine	35-2	663	633	620	639	3.47	cps
Chromium	52-2	828676	823913	818950	823846	0.59	cps
Cobalt	59-2	1585482	1556361	1537565	1559803	1.55	cps
Copper	63-2	1179499	1177210	1154495	1170401	1.18	cps
Dysprosium	156-1	30	17	23	23	28.56	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	80	73	70	74	6.84	cps
Erbium	164-2	33	33	13	27	43.31	cps
Gadolinium	160-1	113	70	83	89	24.97	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	9101699	9012220	9281026	9131648	1.50	cps
Holmium	165-2	3830735	3871908	3803101	3835248	0.90	cps
Indium	115-1	8191401	8366354	8287867	8281874	1.06	cps
Indium	115-2	1001534	1001205	992447	998395	0.52	cps
Iron	54-2	678774	671224	664684	671561	1.05	cps
Iron	56-2	12162953	12076314	12083180	12107482	0.40	cps
Iron	57-2	303037	294766	298485	298763	1.39	cps
Krypton	83-1	370	440	353	388	11.86	cps
Lead	206-1	4345691	4330031	4370045	4348589	0.46	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3606764	3583461	3527246	3572490	1.14	cps
Lead	208-1	16783802	16680501	16607548	16690617	0.53	cps
Lithium	6-1	2607226	2496006	2611285	2571506	2.54	cps
Magnesium	24-2	547509	545330	540703	544514	0.64	cps
Manganese	55-2	349967	347810	346856	348211	0.46	cps
Molybdenum	94-1	1090	1093	1053	1079	2.06	cps
Molybdenum	95-1	517	463	487	489	5.47	cps
Molybdenum	96-1	937	1013	1023	991	4.78	cps
Molybdenum	97-1	290	260	263	271	6.07	cps
Molybdenum	98-1	823	780	737	780	5.56	cps
Neodymium	150-1	47	47	50	48	4.02	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	418564	418722	416060	417782	0.36	cps
Phosphorus	31-2	120	130	153	134	12.73	cps
Potassium	39-2	674774	669135	668594	670834	0.51	cps
Rhodium	103-1	7963119	7749426	8088092	7933546	2.16	cps
Rhodium	103-2	3510240	3454896	3475794	3480310	0.80	cps
Scandium	45-1	5773038	5770217	5806371	5783209	0.35	cps
Scandium	45-2	136515	136700	135276	136164	0.57	cps
Selenium	82-1	102051	101554	100664	101423	0.69	cps
Selenium	77-2	2280	2244	2047	2190	5.73	cps
Selenium	78-2	7989	7495	7545	7677	3.54	cps
Silicon	28-1	558087	561593	553915	557865	0.69	cps
Silver	107-1	2066210	2112675	2051623	2076836	1.54	cps
Silver	109-1	1938861	1920362	1968031	1942418	1.24	cps
Sodium	23-2	1948263	1882166	1912547	1914325	1.73	cps
Strontium	86-1	3170	3214	3267	3217	1.51	cps
Strontium	88-1	22972	22762	23443	23059	1.51	cps
Sulfur	34-1	731812	728812	731222	730615	0.22	cps
Terbium	159-1	9502790	9631876	9471712	9535459	0.89	cps
Terbium	159-2	3734623	3752415	3696830	3727956	0.76	cps
Thallium	203-1	5508942	5475323	5442506	5475590	0.61	cps
Thallium	205-1	12782484	12512464	12516549	12603832	1.23	cps
Tin	118-1	4789	4467	4714	4657	3.61	cps
Titanium	47-1	387	373	300	353	13.21	cps
Uranium	238-1	180	140	127	149	18.64	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 13:58:11 DataFile Name : 018ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	622210	614153	609736	615366	1.03	cps
Ytterbium	172-1	53	57	53	54	3.54	cps
Ytterbium	172-2	30	33	17	27	33.06	cps
Ytterbium	176-1	1067	1213	1060	1113	7.78	cps
Ytterbium	176-2	333	347	297	326	7.95	cps
Yttrium	89-1	15196434	15069545	15281860	15182613	0.70	cps
Yttrium	89-2	1302421	1307544	1291428	1300464	0.63	cps
Zinc	66-2	256869	254999	252634	254834	0.83	cps
Zirconium	90-1	2027	1994	2134	2051	3.57	cps
Zirconium	91-1	1330	1477	1443	1417	5.43	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3427	3254	3304	3328	2.68	cps
Antimony	121-1	65107	64779	65295	65060	0.40	cps
Arsenic	75-2	843	917	870	877	4.23	cps
Barium	135-1	76575	78656	78020	77750	1.37	cps
Barium	137-1	133191	133531	132340	133021	0.46	cps
Beryllium	9-1	8573	8502	8585	8553	0.52	cps
Bismuth	209-1	5226796	5259025	5277710	5254510	0.49	cps
Bismuth	209-2	2660564	2696518	2675998	2677693	0.67	cps
Bromine	81-1	31051	30948	31148	31049	0.32	cps
Cadmium	108-1	677	730	707	704	3.80	cps
Cadmium	106-1	6225	6288	6325	6279	0.81	cps
Cadmium	111-1	12363	12353	12606	12441	1.15	cps
Calcium	43-1	58163	59958	59512	59211	1.58	cps
Calcium	44-1	993733	998680	991774	994729	0.36	cps
Carbon	12-1	4767371	4464680	4517342	4583131	3.53	cps
Carbon	12-2	30879	29276	30659	30271	2.87	cps
Chlorine	35-1	128450	128255	128238	128315	0.09	cps
Chlorine	35-2	703	563	503	590	17.40	cps
Chromium	52-2	18976	19533	19146	19219	1.49	cps
Cobalt	59-2	17508	17074	16430	17004	3.19	cps
Copper	63-2	28318	27727	26919	27655	2.54	cps
Dysprosium	156-1	23	20	43	29	43.68	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	57	63	43	54	18.71	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	123	90	53	89	39.39	cps
Gadolinium	160-2	27	13	20	20	33.35	cps
Holmium	165-1	8607468	8838348	8796363	8747393	1.41	cps
Holmium	165-2	3776687	3778312	3755056	3770018	0.34	cps
Indium	115-1	8108473	8085792	8141409	8111891	0.34	cps
Indium	115-2	1000013	988346	992471	993610	0.60	cps
Iron	54-2	20171	19817	18953	19647	3.19	cps
Iron	56-2	342958	336936	329379	336425	2.02	cps
Iron	57-2	8659	8403	8202	8421	2.72	cps
Krypton	83-1	363	320	360	348	6.93	cps
Lead	206-1	22082	22172	21855	22037	0.74	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18634	19431	19308	19124	2.25	cps
Lead	208-1	87323	88207	87586	87705	0.52	cps
Lithium	6-1	2498176	2432664	2507858	2479566	1.65	cps
Magnesium	24-2	261059	256509	251876	256481	1.79	cps
Manganese	55-2	4651	4814	4721	4729	1.73	cps
Molybdenum	94-1	71938	71616	71449	71668	0.35	cps
Molybdenum	95-1	84535	86560	84693	85263	1.32	cps
Molybdenum	96-1	94489	95562	95066	95039	0.57	cps
Molybdenum	97-1	52977	52475	53596	53016	1.06	cps
Molybdenum	98-1	138726	137429	137223	137793	0.59	cps
Neodymium	150-1	37	10	23	23	57.15	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	5604	5578	5564	5582	0.37	cps
Phosphorus	31-2	407	370	360	379	6.49	cps
Potassium	39-2	201430	198388	198760	199526	0.83	cps
Rhodium	103-1	7782412	7828049	7604398	7738286	1.53	cps
Rhodium	103-2	3462930	3459132	3507247	3476436	0.77	cps
Scandium	45-1	5760393	5691103	5755565	5735687	0.67	cps
Scandium	45-2	133513	133985	134401	133967	0.33	cps
Selenium	82-1	2527	2454	2647	2543	3.84	cps
Selenium	77-2	63	57	60	60	5.55	cps
Selenium	78-2	207	250	200	219	12.40	cps
Silicon	28-1	691309	718463	724276	711350	2.47	cps
Silver	107-1	40850	41669	43124	41881	2.75	cps
Silver	109-1	39898	40192	40262	40117	0.48	cps
Sodium	23-2	583368	579720	577806	580298	0.49	cps
Strontium	86-1	11705	12312	11885	11967	2.61	cps
Strontium	88-1	97044	101546	100102	99564	2.31	cps
Sulfur	34-1	745320	745906	750220	747149	0.36	cps
Terbium	159-1	9039325	9047557	9078998	9055293	0.23	cps
Terbium	159-2	3648599	3659366	3674622	3660862	0.36	cps
Thallium	203-1	25909	27002	26751	26554	2.15	cps
Thallium	205-1	62724	62888	62158	62590	0.61	cps
Tin	118-1	137267	140246	140064	139192	1.20	cps
Titanium	47-1	26879	26735	27229	26948	0.94	cps
Uranium	238-1	78212	80207	79309	79243	1.26	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:16:30 DataFile Name : 021LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	34635	34177	32721	33844	2.95	cps
Ytterbium	172-1	63	57	90	70	25.20	cps
Ytterbium	172-2	20	30	20	23	24.74	cps
Ytterbium	176-1	1217	1243	1227	1229	1.10	cps
Ytterbium	176-2	360	307	323	330	8.27	cps
Yttrium	89-1	14601464	14833087	14647630	14694060	0.83	cps
Yttrium	89-2	1291227	1301276	1299839	1297447	0.42	cps
Zinc	66-2	10160	10337	9974	10157	1.79	cps
Zirconium	90-1	60561	60915	60902	60793	0.33	cps
Zirconium	91-1	13587	13420	13757	13588	1.24	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	413	373	427	404	6.86	cps
Antimony	121-1	163	163	193	173	9.99	cps
Arsenic	75-2	0	7	7	4	86.60	cps
Barium	135-1	147	173	147	156	9.90	cps
Barium	137-1	273	267	260	267	2.50	cps
Beryllium	9-1	106	85	99	97	10.66	cps
Bismuth	209-1	5342988	5278335	5205629	5275651	1.30	cps
Bismuth	209-2	2663324	2645643	2666990	2658652	0.43	cps
Bromine	81-1	30934	30223	30553	30570	1.16	cps
Cadmium	108-1	17	40	13	23	62.27	cps
Cadmium	106-1	5294	4758	4721	4924	6.52	cps
Cadmium	111-1	3714	3329	3322	3455	6.50	cps
Calcium	43-1	1490	1530	1517	1512	1.35	cps
Calcium	44-1	49014	49616	49298	49309	0.61	cps
Carbon	12-1	4631916	4322345	4311930	4422064	4.11	cps
Carbon	12-2	29864	30378	29757	30000	1.11	cps
Chlorine	35-1	150948	151695	150454	151032	0.41	cps
Chlorine	35-2	703	753	813	757	7.28	cps
Chromium	52-2	1803	1603	1763	1723	6.14	cps
Cobalt	59-2	120	100	87	102	16.41	cps
Copper	63-2	3527	3681	3560	3589	2.25	cps
Dysprosium	156-1	7	20	10	12	56.76	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	70	60	80	70	14.29	cps
Erbium	164-2	30	20	27	26	19.92	cps
Gadolinium	160-1	77	73	80	77	4.35	cps
Gadolinium	160-2	20	20	17	19	10.18	cps
Holmium	165-1	8940096	8963494	8909829	8937806	0.30	cps
Holmium	165-2	3787714	3756349	3766306	3770123	0.43	cps
Indium	115-1	8160871	8202784	8080776	8148143	0.76	cps
Indium	115-2	1001210	987122	988271	992201	0.79	cps
Iron	54-2	1153	1127	1137	1139	1.18	cps
Iron	56-2	12666	12342	12579	12529	1.34	cps
Iron	57-2	277	290	317	294	6.92	cps
Krypton	83-1	387	393	390	390	0.85	cps
Lead	206-1	1077	1117	1100	1098	1.83	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	987	997	867	950	7.62	cps
Lead	208-1	4267	4267	4437	4324	2.27	cps
Lithium	6-1	2482860	2527108	2384754	2464907	2.96	cps
Magnesium	24-2	473	510	553	512	7.82	cps
Manganese	55-2	1127	1033	1107	1089	4.51	cps
Molybdenum	94-1	550	537	487	524	6.37	cps
Molybdenum	95-1	183	190	157	177	9.98	cps
Molybdenum	96-1	270	323	337	310	11.38	cps
Molybdenum	97-1	93	113	133	113	17.65	cps
Molybdenum	98-1	263	330	290	294	11.40	cps
Neodymium	150-1	17	7	23	16	53.90	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1180	1223	1083	1162	6.17	cps
Phosphorus	31-2	173	127	123	141	19.81	cps
Potassium	39-2	23115	22681	22564	22787	1.27	cps
Rhodium	103-1	7719204	7778988	7694352	7730848	0.56	cps
Rhodium	103-2	3573950	3539312	3502486	3538583	1.01	cps
Scandium	45-1	5757277	5679146	5739004	5725142	0.71	cps
Scandium	45-2	133648	135938	133436	134341	1.03	cps
Selenium	82-1	3	-20	-3	-7	-180.26	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	37	53	27	39	34.63	cps
Silicon	28-1	559524	551863	562624	558004	0.99	cps
Silver	107-1	307	390	350	349	11.95	cps
Silver	109-1	247	193	223	221	12.09	cps
Sodium	23-2	59929	61178	60772	60626	1.05	cps
Strontium	86-1	630	700	667	666	5.26	cps
Strontium	88-1	660	680	750	697	6.78	cps
Sulfur	34-1	729681	733498	730010	731063	0.29	cps
Terbium	159-1	9088772	9202898	9204330	9165333	0.72	cps
Terbium	159-2	3746047	3636209	3705042	3695766	1.50	cps
Thallium	203-1	343	220	263	276	22.71	cps
Thallium	205-1	690	773	690	718	6.70	cps
Tin	118-1	4924	3927	4217	4356	11.77	cps
Titanium	47-1	370	380	283	344	15.43	cps
Uranium	238-1	117	187	157	153	22.90	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:20:54 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	10	17	37	21	65.74	cps
Ytterbium	172-1	50	67	53	57	15.57	cps
Ytterbium	172-2	13	20	17	17	20.01	cps
Ytterbium	176-1	1060	1027	1017	1035	2.19	cps
Ytterbium	176-2	213	287	273	258	15.15	cps
Yttrium	89-1	15010797	14760523	14986899	14919406	0.93	cps
Yttrium	89-2	1304228	1303079	1300375	1302560	0.15	cps
Zinc	66-2	3074	3100	3187	3120	1.90	cps
Zirconium	90-1	1223	1217	1230	1223	0.55	cps
Zirconium	91-1	210	300	273	261	17.71	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11270979	11210721	11218778	11233493	0.29	cps
Antimony	121-1	36024	35907	36515	36149	0.89	cps
Arsenic	75-2	270	180	230	227	19.90	cps
Barium	135-1	10104	10271	11115	10496	5.16	cps
Barium	137-1	18019	18329	17992	18113	1.03	cps
Beryllium	9-1	3128	3212	3212	3184	1.52	cps
Bismuth	209-1	4727353	4820580	4871807	4806580	1.52	cps
Bismuth	209-2	2318975	2343288	2352622	2338295	0.74	cps
Bromine	81-1	32742	32768	31833	32448	1.64	cps
Cadmium	108-1	8923	8576	8429	8643	2.93	cps
Cadmium	106-1	4584	4477	4451	4504	1.57	cps
Cadmium	111-1	7087	7385	6912	7128	3.36	cps
Calcium	43-1	10072348	10129898	10198762	10133669	0.62	cps
Calcium	44-1	165759031	164728571	168914614	166467405	1.31	cps
Carbon	12-1	61572729	61316052	63666969	62185250	2.07	cps
Carbon	12-2	435386	432613	430253	432750	0.59	cps
Chlorine	35-1	141357588	149644921	150465068	147155859	3.42	cps
Chlorine	35-2	757855	753143	759981	756993	0.46	cps
Chromium	52-2	152338	150350	152011	151566	0.70	cps
Cobalt	59-2	16123	16243	16006	16124	0.73	cps
Copper	63-2	81995	81813	82612	82140	0.51	cps
Dysprosium	156-1	120	113	140	124	11.15	cps
Dysprosium	156-2	47	57	37	47	21.43	cps
Erbium	164-1	177	137	180	164	14.66	cps
Erbium	164-2	83	57	60	67	21.79	cps
Gadolinium	160-1	193	163	200	186	10.52	cps
Gadolinium	160-2	67	73	103	81	24.08	cps
Holmium	165-1	8579349	8465186	8764627	8603054	1.76	cps
Holmium	165-2	3613213	3491005	3602592	3568936	1.90	cps
Indium	115-1	7591753	7601630	7571016	7588133	0.21	cps
Indium	115-2	890360	877629	880106	882698	0.76	cps
Iron	54-2	30572729	30172179	30164924	30303277	0.77	cps
Iron	56-2	564601565	565606045	555419205	561875605	1.00	cps
Iron	57-2	14171596	14030931	14099180	14100569	0.50	cps
Krypton	83-1	440	403	353	399	10.91	cps
Lead	206-1	92819	92618	93373	92937	0.42	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	72263	73165	73092	72840	0.69	cps
Lead	208-1	341029	349338	349705	346691	1.42	cps
Lithium	6-1	2381853	2384973	2412319	2393048	0.70	cps
Magnesium	24-2	40708407	40380724	39737892	40275674	1.23	cps
Manganese	55-2	26060	25924	25573	25852	0.97	cps
Molybdenum	94-1	17295654	17670423	17360113	17442063	1.15	cps
Molybdenum	95-1	30845475	31593945	30866910	31102110	1.37	cps
Molybdenum	96-1	33107134	33862975	33320897	33430335	1.17	cps
Molybdenum	97-1	19005448	19519937	19507244	19344210	1.52	cps
Molybdenum	98-1	49706478	49596396	50307931	49870268	0.77	cps
Neodymium	150-1	97	153	137	129	22.60	cps
Neodymium	150-2	67	43	43	51	26.37	cps
Nickel	60-2	22050	22882	23039	22657	2.34	cps
Phosphorus	31-2	659679	645200	650120	651666	1.13	cps
Potassium	39-2	30697432	30166410	30268132	30377325	0.93	cps
Rhodium	103-1	6787009	6797488	6972443	6852313	1.52	cps
Rhodium	103-2	3051474	3017221	2987939	3018878	1.05	cps
Scandium	45-1	5372810	5374452	5247649	5331637	1.36	cps
Scandium	45-2	126161	122311	124023	124165	1.55	cps
Selenium	82-1	33	-17	143	53	153.46	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	23	30	43	32	31.61	cps
Silicon	28-1	899456	994263	1034602	976107	7.11	cps
Silver	107-1	1640	1830	1763	1745	5.53	cps
Silver	109-1	1690	1490	1463	1548	8.00	cps
Sodium	23-2	87953479	87136575	85969132	87019729	1.15	cps
Strontium	86-1	340295	344508	346378	343727	0.91	cps
Strontium	88-1	3107238	3113496	3160121	3126952	0.92	cps
Sulfur	34-1	12962182	13049225	12865871	12959093	0.71	cps
Terbium	159-1	9010077	8859614	9066668	8978786	1.19	cps
Terbium	159-2	3483797	3512994	3502191	3499661	0.42	cps
Thallium	203-1	2304	2804	3380	2829	19.05	cps
Thallium	205-1	5261	7082	7946	6763	20.26	cps
Tin	118-1	8026	7462	7886	7791	3.77	cps
Titanium	47-1	9450735	9585295	9413825	9483285	0.95	cps
Uranium	238-1	1667	1827	1884	1792	6.27	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:30:15 DataFile Name : 023ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	953	897	940	930	3.19	cps
Ytterbium	172-1	103	110	90	101	10.07	cps
Ytterbium	172-2	50	50	43	48	8.06	cps
Ytterbium	176-1	1093	1053	1017	1055	3.64	cps
Ytterbium	176-2	243	293	333	290	15.55	cps
Yttrium	89-1	13986411	14106227	14346189	14146276	1.30	cps
Yttrium	89-2	1199272	1188288	1182075	1189878	0.73	cps
Zinc	66-2	19657	19370	19761	19596	1.03	cps
Zirconium	90-1	2450	2717	2954	2707	9.30	cps
Zirconium	91-1	637	613	600	617	3.01	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10422450	10400969	10545106	10456175	0.74	cps
Antimony	121-1	582601	584847	586204	584550	0.31	cps
Arsenic	75-2	14224	13657	14407	14096	2.78	cps
Barium	135-1	143524	144629	146556	144903	1.06	cps
Barium	137-1	248076	249959	249361	249132	0.39	cps
Beryllium	9-1	140649	141119	142068	141279	0.51	cps
Bismuth	209-1	4857031	4917111	4945900	4906681	0.92	cps
Bismuth	209-2	2347510	2361609	2345300	2351473	0.38	cps
Bromine	81-1	32735	32541	33149	32808	0.95	cps
Cadmium	108-1	17424	17001	17191	17205	1.23	cps
Cadmium	106-1	17107	17411	17378	17299	0.96	cps
Cadmium	111-1	140071	143962	142616	142216	1.39	cps
Calcium	43-1	9472310	9599939	9514718	9528989	0.68	cps
Calcium	44-1	154431851	158129108	154866744	155809234	1.30	cps
Carbon	12-1	58415262	60164036	60031194	59536831	1.64	cps
Carbon	12-2	424115	422599	422201	422972	0.24	cps
Chlorine	35-1	133746068	142305205	142996361	139682545	3.69	cps
Chlorine	35-2	711352	708402	715951	711902	0.53	cps
Chromium	52-2	280212	281392	279105	280236	0.41	cps
Cobalt	59-2	264821	265851	266711	265794	0.36	cps
Copper	63-2	269527	269185	267060	268591	0.50	cps
Dysprosium	156-1	113	107	157	126	21.62	cps
Dysprosium	156-2	53	37	30	40	30.04	cps
Erbium	164-1	177	207	120	168	26.23	cps
Erbium	164-2	50	80	80	70	24.74	cps
Gadolinium	160-1	157	163	113	144	18.79	cps
Gadolinium	160-2	63	87	93	81	19.42	cps
Holmium	165-1	8651124	8851370	8950748	8817747	1.73	cps
Holmium	165-2	3605399	3569380	3602001	3592260	0.55	cps
Indium	115-1	7553419	7820220	7694969	7689536	1.74	cps
Indium	115-2	885303	884223	891420	886982	0.44	cps
Iron	54-2	28116994	28679960	28488475	28428476	1.01	cps
Iron	56-2	532441139	518092552	532867245	527800312	1.59	cps
Iron	57-2	13235592	13237845	13315459	13262966	0.34	cps
Krypton	83-1	370	430	387	396	7.83	cps
Lead	206-1	453043	452380	457731	454384	0.64	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	375166	377401	382546	378371	1.00	cps
Lead	208-1	1726644	1757312	1761478	1748478	1.09	cps
Lithium	6-1	2449629	2560495	2505709	2505278	2.21	cps
Magnesium	24-2	37796983	37839206	37897470	37844553	0.13	cps
Manganese	55-2	82922	83895	82530	83116	0.85	cps
Molybdenum	94-1	16796707	16796222	17000178	16864369	0.70	cps
Molybdenum	95-1	29666261	29875078	29977663	29839667	0.53	cps
Molybdenum	96-1	31552611	32010150	32115081	31892614	0.94	cps
Molybdenum	97-1	18160393	18507438	18598661	18422164	1.26	cps
Molybdenum	98-1	47639396	47905558	48128018	47890990	0.51	cps
Neodymium	150-1	113	100	123	112	10.43	cps
Neodymium	150-2	40	30	20	30	33.33	cps
Nickel	60-2	87359	88372	89070	88267	0.97	cps
Phosphorus	31-2	607836	602598	602764	604399	0.49	cps
Potassium	39-2	28288960	28008291	28518969	28272073	0.90	cps
Rhodium	103-1	6912972	7089665	7101066	7034567	1.50	cps
Rhodium	103-2	3044070	3035406	3082314	3053930	0.82	cps
Scandium	45-1	5308475	5431672	5378508	5372885	1.15	cps
Scandium	45-2	121209	123424	123169	122601	0.99	cps
Selenium	82-1	8890	8870	9213	8991	2.14	cps
Selenium	77-2	170	187	197	184	7.30	cps
Selenium	78-2	663	690	677	677	1.97	cps
Silicon	28-1	971932	993914	981845	982564	1.12	cps
Silver	107-1	660082	660376	660989	660482	0.07	cps
Silver	109-1	622639	628718	630719	627359	0.67	cps
Sodium	23-2	81506489	80993544	81746320	81415451	0.47	cps
Strontium	86-1	327469	327902	330955	328775	0.58	cps
Strontium	88-1	2931851	2969365	3034363	2978526	1.74	cps
Sulfur	34-1	12231003	12378488	12274049	12294513	0.62	cps
Terbium	159-1	9167703	9257060	9027992	9150918	1.26	cps
Terbium	159-2	3528652	3509582	3543889	3527374	0.49	cps
Thallium	203-1	453326	453537	462768	456544	1.18	cps
Thallium	205-1	1072777	1080668	1091515	1081653	0.87	cps
Tin	118-1	7622	7902	7656	7727	1.98	cps
Titanium	47-1	8717376	8960489	8989944	8889270	1.68	cps
Uranium	238-1	2247	2160	2294	2234	3.03	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:51:03 DataFile Name : 026ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	107201	107899	108897	107999	0.79	cps
Ytterbium	172-1	70	87	83	80	11.02	cps
Ytterbium	172-2	13	50	27	30	61.87	cps
Ytterbium	176-1	1040	1103	1153	1099	5.17	cps
Ytterbium	176-2	300	257	320	292	11.08	cps
Yttrium	89-1	14300746	14327226	14589194	14405722	1.11	cps
Yttrium	89-2	1189049	1185499	1196522	1190357	0.47	cps
Zinc	66-2	41223	40491	40668	40794	0.94	cps
Zirconium	90-1	2070	2087	2590	2249	13.14	cps
Zirconium	91-1	550	637	617	601	7.55	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6038113	6098048	6076393	6070852	0.50	cps
Antimony	121-1	14518161	14610389	14854624	14661058	1.19	cps
Arsenic	75-2	372219	369942	370268	370810	0.33	cps
Barium	135-1	17553719	17703857	18144822	17800799	1.73	cps
Barium	137-1	30511760	29836175	30809106	30385680	1.64	cps
Beryllium	9-1	3760899	3780752	3861552	3801068	1.40	cps
Bismuth	209-1	4535776	4489045	4548265	4524362	0.69	cps
Bismuth	209-2	2236169	2209351	2205740	2217086	0.75	cps
Bromine	81-1	32251	32872	32848	32657	1.08	cps
Cadmium	108-1	281090	287066	286906	285021	1.19	cps
Cadmium	106-1	404892	414023	414151	411022	1.29	cps
Cadmium	111-1	3603463	3587442	3661194	3617366	1.07	cps
Calcium	43-1	24684547	24922777	24471446	24692924	0.91	cps
Calcium	44-1	405254167	401460354	402383354	403032625	0.49	cps
Carbon	12-1	5645736	5682077	5624088	5650633	0.52	cps
Carbon	12-2	45373	45316	46115	45602	0.98	cps
Chlorine	35-1	6240845	5878717	5448185	5855916	6.78	cps
Chlorine	35-2	24531	22458	21389	22793	7.01	cps
Chromium	52-2	3873473	3819050	3835834	3842786	0.73	cps
Cobalt	59-2	6616546	6608089	6663111	6629249	0.45	cps
Copper	63-2	48344056	49256738	49330636	48977143	1.12	cps
Dysprosium	156-1	680	833	707	740	11.07	cps
Dysprosium	156-2	230	217	223	223	2.98	cps
Erbium	164-1	600	750	640	663	11.71	cps
Erbium	164-2	277	267	260	268	3.13	cps
Gadolinium	160-1	533	590	607	577	6.67	cps
Gadolinium	160-2	250	200	247	232	12.04	cps
Holmium	165-1	8277081	8335852	8294069	8302334	0.36	cps
Holmium	165-2	3495974	3469633	3511508	3492372	0.61	cps
Indium	115-1	6805218	6911574	7072145	6929646	1.94	cps
Indium	115-2	816007	810223	812271	812834	0.36	cps
Iron	54-2	38030879	38267340	37913703	38070641	0.47	cps
Iron	56-2	701019110	699548736	700980443	700516096	0.12	cps
Iron	57-2	17657632	17537324	17634266	17609741	0.36	cps
Krypton	83-1	373	460	440	424	10.69	cps
Lead	206-1	48034084	48158261	48405308	48199218	0.39	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	40401934	40727420	41384536	40837964	1.23	cps
Lead	208-1	187326367	188298243	191245559	188956723	1.08	cps
Lithium	6-1	2316790	2307838	2342790	2322473	0.78	cps
Magnesium	24-2	106844448	106326488	105322495	106164477	0.73	cps
Manganese	55-2	16285282	16137137	16491440	16304620	1.09	cps
Molybdenum	94-1	52936774	53939503	54155794	53677357	1.21	cps
Molybdenum	95-1	77301262	77731536	78210416	77747738	0.58	cps
Molybdenum	96-1	83610347	84544977	85088419	84414581	0.89	cps
Molybdenum	97-1	47515563	48079068	48117908	47904179	0.70	cps
Molybdenum	98-1	123588345	124043705	125758278	124463443	0.92	cps
Neodymium	150-1	1427	1463	1240	1377	8.70	cps
Neodymium	150-2	117	97	147	120	20.97	cps
Nickel	60-2	1823548	1833244	1826858	1827883	0.27	cps
Phosphorus	31-2	63656	63518	64499	63891	0.83	cps
Potassium	39-2	39087637	39223674	38402929	38904746	1.13	cps
Rhodium	103-1	6322831	6411517	6514088	6416145	1.49	cps
Rhodium	103-2	2890081	2929619	2881907	2900536	0.88	cps
Scandium	45-1	5115484	5103540	5153967	5124330	0.51	cps
Scandium	45-2	124500	123898	124016	124138	0.26	cps
Selenium	82-1	219256	219974	220816	220015	0.35	cps
Selenium	77-2	4691	4794	4931	4805	2.51	cps
Selenium	78-2	16657	16727	16049	16478	2.26	cps
Silicon	28-1	8807816	8794939	8788946	8797234	0.11	cps
Silver	107-1	17775371	17920645	17907375	17867797	0.45	cps
Silver	109-1	16713013	16920503	16846320	16826612	0.62	cps
Sodium	23-2	218470143	216190563	216328970	216996559	0.59	cps
Strontium	86-1	4969508	5104894	5125620	5066674	1.67	cps
Strontium	88-1	44135514	44247056	44872538	44418369	0.89	cps
Sulfur	34-1	1828951	1856917	1844362	1843410	0.76	cps
Terbium	159-1	8618416	8601752	8695171	8638446	0.58	cps
Terbium	159-2	3429690	3367170	3446953	3414604	1.23	cps
Thallium	203-1	11623789	11845576	11822297	11763887	1.04	cps
Thallium	205-1	27800471	27759308	28194822	27918200	0.86	cps
Tin	118-1	11886612	11997390	12163539	12015847	1.16	cps
Titanium	47-1	22716465	22831901	22721729	22756699	0.29	cps
Uranium	238-1	36223869	36554513	37001404	36593262	1.07	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:54:14 DataFile Name : 027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2990214	2975970	2934557	2966914	0.97	cps
Ytterbium	172-1	880	1020	1083	994	10.46	cps
Ytterbium	172-2	450	517	513	493	7.61	cps
Ytterbium	176-1	59403	59801	60109	59771	0.59	cps
Ytterbium	176-2	24817	24346	24079	24414	1.53	cps
Yttrium	89-1	13612209	13916758	13883255	13804074	1.21	cps
Yttrium	89-2	1173188	1171321	1165217	1169908	0.36	cps
Zinc	66-2	5673957	5704349	5681719	5686675	0.28	cps
Zirconium	90-1	26751530	27435429	27479250	27222070	1.50	cps
Zirconium	91-1	5970430	6037483	6141374	6049762	1.42	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	507	630	550	562	11.13	cps
Antimony	121-1	1463	1510	1247	1407	9.99	cps
Arsenic	75-2	13	10	17	13	25.01	cps
Barium	135-1	263	283	263	270	4.28	cps
Barium	137-1	550	497	577	541	7.53	cps
Beryllium	9-1	258	249	230	246	5.81	cps
Bismuth	209-1	5466080	5348090	5377211	5397127	1.14	cps
Bismuth	209-2	2678502	2613257	2617195	2636318	1.39	cps
Bromine	81-1	30573	30774	30390	30579	0.63	cps
Cadmium	108-1	13	27	23	21	32.88	cps
Cadmium	106-1	5214	5034	5168	5139	1.82	cps
Cadmium	111-1	3761	3589	3678	3676	2.34	cps
Calcium	43-1	2694	2584	2724	2667	2.76	cps
Calcium	44-1	64722	63888	64705	64438	0.74	cps
Carbon	12-1	4850221	4634840	4534282	4673114	3.45	cps
Carbon	12-2	30625	29700	30184	30170	1.53	cps
Chlorine	35-1	2007606	1883015	1816227	1902283	5.11	cps
Chlorine	35-2	8036	7365	7329	7576	5.25	cps
Chromium	52-2	1717	1560	1597	1625	5.04	cps
Cobalt	59-2	133	180	140	151	16.70	cps
Copper	63-2	3277	3264	3204	3248	1.20	cps
Dysprosium	156-1	10	20	13	14	35.26	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	90	60	47	66	33.85	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	63	87	80	77	15.68	cps
Gadolinium	160-2	20	10	27	19	44.42	cps
Holmium	165-1	9057492	9127118	8886045	9023552	1.37	cps
Holmium	165-2	3731006	3852254	3790780	3791347	1.60	cps
Indium	115-1	8207602	8285423	8149436	8214154	0.83	cps
Indium	115-2	972854	970799	964386	969346	0.46	cps
Iron	54-2	1600	1410	1393	1468	7.82	cps
Iron	56-2	20345	19861	19664	19956	1.76	cps
Iron	57-2	523	483	513	507	4.11	cps
Krypton	83-1	403	403	443	417	5.54	cps
Lead	206-1	2677	2554	2647	2626	2.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2290	2237	2437	2321	4.46	cps
Lead	208-1	10689	10298	10522	10503	1.86	cps
Lithium	6-1	2704362	2755371	2707001	2722245	1.05	cps
Magnesium	24-2	1547	1687	1500	1578	6.16	cps
Manganese	55-2	993	1147	1170	1103	8.70	cps
Molybdenum	94-1	1687	1607	1557	1617	4.06	cps
Molybdenum	95-1	1347	1267	1317	1310	3.09	cps
Molybdenum	96-1	1420	1447	1403	1423	1.54	cps
Molybdenum	97-1	940	800	760	833	11.34	cps
Molybdenum	98-1	1970	1800	1890	1887	4.51	cps
Neodymium	150-1	7	10	13	10	33.30	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	960	953	1043	986	5.09	cps
Phosphorus	31-2	100	153	160	138	23.87	cps
Potassium	39-2	28188	27560	27627	27791	1.24	cps
Rhodium	103-1	7832185	7843342	7934183	7869903	0.71	cps
Rhodium	103-2	3544493	3577678	3432213	3518128	2.17	cps
Scandium	45-1	5614698	5646066	5656817	5639194	0.39	cps
Scandium	45-2	130321	131582	130365	130756	0.55	cps
Selenium	82-1	-57	-13	-37	-36	-61.01	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	33	43	23	33	30.00	cps
Silicon	28-1	567197	541316	566401	558305	2.64	cps
Silver	107-1	1007	950	1090	1016	6.93	cps
Silver	109-1	873	883	853	870	1.76	cps
Sodium	23-2	77906	76452	75005	76454	1.90	cps
Strontium	86-1	653	680	720	684	4.90	cps
Strontium	88-1	1330	1243	1310	1295	3.51	cps
Sulfur	34-1	735311	731586	728192	731696	0.49	cps
Terbium	159-1	9294213	9398021	9246887	9313040	0.83	cps
Terbium	159-2	3696155	3666939	3660735	3674610	0.51	cps
Thallium	203-1	1510	1370	1353	1411	6.10	cps
Thallium	205-1	3777	3440	3497	3572	5.05	cps
Tin	118-1	4244	4531	4151	4309	4.60	cps
Titanium	47-1	603	570	590	588	2.85	cps
Uranium	238-1	443	390	413	416	6.43	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 14:58:22 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	30	33	34	14.78	cps
Ytterbium	172-1	50	47	47	48	4.02	cps
Ytterbium	172-2	20	27	13	20	33.35	cps
Ytterbium	176-1	1060	1067	1113	1080	2.69	cps
Ytterbium	176-2	270	287	293	283	4.24	cps
Yttrium	89-1	14937887	14803301	15112308	14951165	1.04	cps
Yttrium	89-2	1274818	1263861	1257957	1265545	0.68	cps
Zinc	66-2	3537	3397	3620	3518	3.21	cps
Zirconium	90-1	2430	2377	2067	2291	8.56	cps
Zirconium	91-1	560	430	557	516	14.38	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3430	3294	3137	3287	4.47	cps
Antimony	121-1	65345	65539	67221	66035	1.56	cps
Arsenic	75-2	833	793	803	810	2.57	cps
Barium	135-1	78053	78972	78991	78672	0.68	cps
Barium	137-1	135052	134537	136368	135319	0.70	cps
Beryllium	9-1	8347	8502	8527	8459	1.15	cps
Bismuth	209-1	5401544	5409733	5384931	5398736	0.23	cps
Bismuth	209-2	2669671	2663284	2647496	2660150	0.43	cps
Bromine	81-1	31061	31024	30597	30894	0.84	cps
Cadmium	108-1	707	720	680	702	2.90	cps
Cadmium	106-1	6148	6335	6021	6168	2.56	cps
Cadmium	111-1	11962	12320	12378	12220	1.85	cps
Calcium	43-1	58689	59630	60520	59613	1.54	cps
Calcium	44-1	985332	995593	990500	990475	0.52	cps
Carbon	12-1	4813805	4715915	4600489	4710070	2.27	cps
Carbon	12-2	31093	31096	31173	31121	0.15	cps
Chlorine	35-1	1116097	1079999	1039093	1078396	3.57	cps
Chlorine	35-2	4744	4537	4421	4567	3.59	cps
Chromium	52-2	19303	18432	18923	18886	2.31	cps
Cobalt	59-2	16533	16673	15872	16359	2.61	cps
Copper	63-2	27079	27360	27430	27290	0.68	cps
Dysprosium	156-1	23	10	23	19	40.75	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	67	87	63	72	17.48	cps
Erbium	164-2	17	13	23	18	28.64	cps
Gadolinium	160-1	83	57	60	67	21.79	cps
Gadolinium	160-2	17	13	0	10	88.20	cps
Holmium	165-1	8961823	9106842	9116576	9061747	0.96	cps
Holmium	165-2	3847211	3774950	3741960	3788041	1.42	cps
Indium	115-1	8309260	8274090	8231440	8271597	0.47	cps
Indium	115-2	980451	977393	971670	976505	0.46	cps
Iron	54-2	19076	19060	18439	18858	1.93	cps
Iron	56-2	337064	335747	328299	333703	1.42	cps
Iron	57-2	8443	8423	8306	8390	0.88	cps
Krypton	83-1	373	300	387	353	13.21	cps
Lead	206-1	22750	22990	22723	22821	0.64	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	19872	19551	20006	19810	1.18	cps
Lead	208-1	91233	91665	90704	91201	0.53	cps
Lithium	6-1	2676046	2682034	2641552	2666544	0.82	cps
Magnesium	24-2	253800	250214	245776	249930	1.61	cps
Manganese	55-2	4704	4671	4727	4701	0.61	cps
Molybdenum	94-1	71740	72032	71898	71890	0.20	cps
Molybdenum	95-1	85414	85829	86272	85838	0.50	cps
Molybdenum	96-1	96012	95367	95079	95486	0.50	cps
Molybdenum	97-1	52947	53870	53690	53502	0.91	cps
Molybdenum	98-1	135965	138435	139120	137840	1.20	cps
Neodymium	150-1	10	20	27	19	44.42	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	5368	5208	5498	5358	2.71	cps
Phosphorus	31-2	313	330	353	332	6.05	cps
Potassium	39-2	197495	197040	195546	196694	0.52	cps
Rhodium	103-1	7936355	7875668	7910791	7907604	0.39	cps
Rhodium	103-2	3482130	3525012	3466360	3491168	0.87	cps
Scandium	45-1	5712324	5844334	5680058	5745572	1.51	cps
Scandium	45-2	132171	130277	132440	131629	0.90	cps
Selenium	82-1	2554	2570	2694	2606	2.94	cps
Selenium	77-2	73	87	60	73	18.18	cps
Selenium	78-2	233	240	197	223	10.45	cps
Silicon	28-1	1171544	685050	687486	848026	33.04	cps
Silver	107-1	41141	41763	42168	41691	1.24	cps
Silver	109-1	39423	39510	39299	39411	0.27	cps
Sodium	23-2	576328	573536	569128	572997	0.63	cps
Strontium	86-1	11875	12549	11835	12086	3.32	cps
Strontium	88-1	100764	100562	101096	100807	0.27	cps
Sulfur	34-1	737014	740430	743361	740268	0.43	cps
Terbium	159-1	9310133	9455918	9422718	9396256	0.81	cps
Terbium	159-2	3699130	3672542	3674969	3682213	0.40	cps
Thallium	203-1	27058	27599	27543	27400	1.09	cps
Thallium	205-1	64851	65554	65354	65253	0.56	cps
Tin	118-1	138725	139610	141606	139980	1.05	cps
Titanium	47-1	26381	27209	26304	26631	1.88	cps
Uranium	238-1	78862	79671	81026	79853	1.37	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:02:16 DataFile Name : 029LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33412	33489	32881	33261	1.00	cps
Ytterbium	172-1	57	77	53	62	20.29	cps
Ytterbium	172-2	37	20	13	23	51.52	cps
Ytterbium	176-1	1277	1267	1170	1238	4.76	cps
Ytterbium	176-2	310	300	233	281	14.83	cps
Yttrium	89-1	15134824	15206418	15237585	15192942	0.35	cps
Yttrium	89-2	1288117	1264447	1264237	1272267	1.08	cps
Zinc	66-2	10017	10120	10067	10068	0.51	cps
Zirconium	90-1	60410	61137	62935	61494	2.11	cps
Zirconium	91-1	13930	13533	13780	13748	1.46	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	633	560	577	590	6.52	cps
Antimony	121-1	367	327	283	326	12.80	cps
Arsenic	75-2	7	3	7	6	34.70	cps
Barium	135-1	197	147	153	166	16.40	cps
Barium	137-1	297	297	270	288	5.35	cps
Beryllium	9-1	107	104	118	110	6.87	cps
Bismuth	209-1	5486035	5420209	5366188	5424144	1.11	cps
Bismuth	209-2	2664546	2638625	2554655	2619275	2.19	cps
Bromine	81-1	30036	30079	29621	29912	0.84	cps
Cadmium	108-1	17	20	20	19	10.18	cps
Cadmium	106-1	4854	4898	5008	4920	1.61	cps
Cadmium	111-1	3443	3468	3521	3477	1.15	cps
Calcium	43-1	1467	1580	1417	1488	5.63	cps
Calcium	44-1	45335	44275	45235	44948	1.30	cps
Carbon	12-1	4720301	4547811	4470535	4579549	2.79	cps
Carbon	12-2	30131	30251	30064	30149	0.31	cps
Chlorine	35-1	728242	709850	703084	713725	1.82	cps
Chlorine	35-2	3377	3257	3030	3222	5.47	cps
Chromium	52-2	1767	1573	1677	1672	5.79	cps
Cobalt	59-2	110	77	117	101	21.19	cps
Copper	63-2	2927	2614	2904	2815	6.20	cps
Dysprosium	156-1	13	17	13	14	13.35	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	70	60	43	58	23.32	cps
Erbium	164-2	37	37	37	37	0.00	cps
Gadolinium	160-1	57	63	83	68	20.47	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	8885549	8949095	9088127	8974257	1.15	cps
Holmium	165-2	3700602	3792628	3699882	3731037	1.43	cps
Indium	115-1	8274019	8108937	8219689	8200882	1.03	cps
Indium	115-2	967610	967168	967207	967329	0.03	cps
Iron	54-2	1140	1060	1083	1094	3.76	cps
Iron	56-2	14284	14180	14444	14303	0.93	cps
Iron	57-2	373	327	280	327	14.28	cps
Krypton	83-1	413	383	317	371	13.33	cps
Lead	206-1	1437	1437	1330	1401	4.40	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1107	1137	1213	1152	4.77	cps
Lead	208-1	5521	5380	5401	5434	1.39	cps
Lithium	6-1	2644797	2538282	2668095	2617058	2.64	cps
Magnesium	24-2	913	713	820	816	12.27	cps
Manganese	55-2	1073	987	1087	1049	5.18	cps
Molybdenum	94-1	820	717	843	793	8.50	cps
Molybdenum	95-1	363	397	353	371	6.11	cps
Molybdenum	96-1	513	437	490	480	8.19	cps
Molybdenum	97-1	250	193	230	224	12.80	cps
Molybdenum	98-1	563	507	527	532	5.40	cps
Neodymium	150-1	10	3	17	10	66.70	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	1133	1037	1153	1108	5.63	cps
Phosphorus	31-2	163	157	140	153	7.84	cps
Potassium	39-2	25098	25189	25245	25178	0.29	cps
Rhodium	103-1	7921653	7816770	7795585	7844669	0.86	cps
Rhodium	103-2	3455789	3451851	3488169	3465269	0.58	cps
Scandium	45-1	5664830	5769880	5712408	5715706	0.92	cps
Scandium	45-2	131838	130109	132383	131443	0.90	cps
Selenium	82-1	-53	60	90	32	234.58	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	30	37	37	18.18	cps
Silicon	28-1	539650	542217	537547	539805	0.43	cps
Silver	107-1	390	410	343	381	8.98	cps
Silver	109-1	323	310	303	312	3.26	cps
Sodium	23-2	68593	68714	68379	68562	0.25	cps
Strontium	86-1	673	663	570	636	8.97	cps
Strontium	88-1	623	753	703	693	9.46	cps
Sulfur	34-1	738915	735256	733301	735824	0.39	cps
Terbium	159-1	9449463	9392328	9469989	9437260	0.43	cps
Terbium	159-2	3639256	3645625	3646391	3643758	0.11	cps
Thallium	203-1	613	623	570	602	4.71	cps
Thallium	205-1	1477	1460	1537	1491	2.70	cps
Tin	118-1	4451	4895	3857	4401	11.83	cps
Titanium	47-1	403	453	423	427	5.90	cps
Uranium	238-1	173	133	150	152	13.20	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BL Instrumnet Name : P8
Client Sample ID : PB167465BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:07:09 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	33	13	21	50.75	cps
Ytterbium	172-1	83	50	47	60	33.79	cps
Ytterbium	172-2	30	17	27	24	28.38	cps
Ytterbium	176-1	1053	1033	1210	1099	8.80	cps
Ytterbium	176-2	247	247	270	254	5.30	cps
Yttrium	89-1	15145120	14879944	15284442	15103169	1.36	cps
Yttrium	89-2	1273508	1257677	1255941	1262375	0.77	cps
Zinc	66-2	3277	3297	3154	3243	2.39	cps
Zirconium	90-1	1623	1670	1503	1599	5.38	cps
Zirconium	91-1	307	307	337	317	5.47	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1267666	1299151	1256953	1274590	1.72	cps
Antimony	121-1	15668378	15664149	15757923	15696817	0.34	cps
Arsenic	75-2	388894	389403	390223	389507	0.17	cps
Barium	135-1	18491511	18790495	18957932	18746646	1.26	cps
Barium	137-1	31538938	32211010	32845135	32198361	2.03	cps
Beryllium	9-1	4018086	4114380	4050673	4061046	1.21	cps
Bismuth	209-1	5019779	5093326	5086329	5066478	0.80	cps
Bismuth	209-2	2473314	2465875	2458956	2466048	0.29	cps
Bromine	81-1	30249	30714	30513	30492	0.76	cps
Cadmium	108-1	307029	315585	311397	311337	1.37	cps
Cadmium	106-1	445042	453815	455639	451499	1.25	cps
Cadmium	111-1	3984310	3939522	4044206	3989346	1.32	cps
Calcium	43-1	5247767	5361888	5285104	5298253	1.10	cps
Calcium	44-1	85049245	87009245	86411195	86156562	1.17	cps
Carbon	12-1	5625814	5797156	5799063	5740678	1.73	cps
Carbon	12-2	42896	43334	43658	43296	0.88	cps
Chlorine	35-1	633363	642300	634111	636591	0.78	cps
Chlorine	35-2	3010	3017	2940	2989	1.42	cps
Chromium	52-2	4026937	4010915	3922022	3986625	1.42	cps
Cobalt	59-2	7257872	7223266	7169812	7216983	0.61	cps
Copper	63-2	55031356	54541761	54282576	54618564	0.70	cps
Dysprosium	156-1	337	340	287	321	9.30	cps
Dysprosium	156-2	63	40	67	57	25.64	cps
Erbium	164-1	227	190	223	213	9.51	cps
Erbium	164-2	90	70	77	79	12.91	cps
Gadolinium	160-1	220	143	150	171	24.82	cps
Gadolinium	160-2	103	67	50	73	37.20	cps
Holmium	165-1	8866613	8954421	8932327	8917787	0.51	cps
Holmium	165-2	3766583	3701840	3667113	3711845	1.36	cps
Indium	115-1	7718856	7625822	7667019	7670566	0.61	cps
Indium	115-2	870776	879577	873735	874696	0.51	cps
Iron	54-2	8048665	8162038	7992137	8067613	1.07	cps
Iron	56-2	146608291	149623654	147635764	147955903	1.04	cps
Iron	57-2	3785421	3800194	3719184	3768266	1.14	cps
Krypton	83-1	400	457	427	428	6.63	cps
Lead	206-1	51186273	51263821	51621194	51357096	0.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	43360938	43405276	44613988	43793400	1.62	cps
Lead	208-1	200051405	202191885	204385704	202209665	1.07	cps
Lithium	6-1	2621176	2591201	2543614	2585330	1.51	cps
Magnesium	24-2	22766245	23166728	22900250	22944408	0.89	cps
Manganese	55-2	16912793	17216318	16848302	16992471	1.16	cps
Molybdenum	94-1	55672029	56931041	57156221	56586430	1.41	cps
Molybdenum	95-1	81462469	81893555	83167550	82174525	1.08	cps
Molybdenum	96-1	88526625	89265559	90462622	89418269	1.09	cps
Molybdenum	97-1	50162129	50386069	50602871	50383690	0.44	cps
Molybdenum	98-1	128982918	131619568	131840378	130814288	1.22	cps
Neodymium	150-1	1107	1197	1243	1182	5.88	cps
Neodymium	150-2	47	80	70	66	26.09	cps
Nickel	60-2	2041240	2046838	1982731	2023603	1.75	cps
Phosphorus	31-2	68584	67771	66595	67650	1.48	cps
Potassium	39-2	8193052	8227129	8215789	8211990	0.21	cps
Rhodium	103-1	7223970	7359649	7394059	7325893	1.23	cps
Rhodium	103-2	3235936	3272167	3262855	3256986	0.58	cps
Scandium	45-1	5549212	5569142	5592875	5570410	0.39	cps
Scandium	45-2	134623	132467	131956	133015	1.06	cps
Selenium	82-1	235950	242851	242440	240414	1.61	cps
Selenium	77-2	5061	5304	5151	5172	2.38	cps
Selenium	78-2	17094	17491	17187	17257	1.20	cps
Silicon	28-1	10599592	10724441	10987595	10770542	1.84	cps
Silver	107-1	20055949	20191938	20032937	20093608	0.43	cps
Silver	109-1	18706229	19087177	19233631	19009012	1.43	cps
Sodium	23-2	46673351	47083504	46790541	46849132	0.45	cps
Strontium	86-1	5324448	5372411	5335210	5344023	0.47	cps
Strontium	88-1	46567619	46546598	46592048	46568755	0.05	cps
Sulfur	34-1	2005427	1993719	1977729	1992291	0.70	cps
Terbium	159-1	9233469	9455211	9317313	9335331	1.20	cps
Terbium	159-2	3613051	3538232	3550586	3567290	1.12	cps
Thallium	203-1	12486604	12691817	12690801	12623074	0.94	cps
Thallium	205-1	29102540	29949660	30102371	29718190	1.81	cps
Tin	118-1	12768964	12877470	12989224	12878553	0.86	cps
Titanium	47-1	23768295	24044312	24172631	23995079	0.86	cps
Uranium	238-1	37422828	38429651	38450087	38100855	1.54	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167465BS Instrumnet Name : P8
Client Sample ID : PB167465BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:12:37 DataFile Name : 031LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3056449	3063126	2992009	3037195	1.29	cps
Ytterbium	172-1	257	247	250	251	2.03	cps
Ytterbium	172-2	110	127	113	117	7.56	cps
Ytterbium	176-1	60789	61603	62654	61682	1.52	cps
Ytterbium	176-2	23792	23675	23705	23724	0.26	cps
Yttrium	89-1	14761098	15028247	14935864	14908403	0.91	cps
Yttrium	89-2	1241600	1245486	1245506	1244197	0.18	cps
Zinc	66-2	6169597	6202369	6211649	6194538	0.36	cps
Zirconium	90-1	28223933	28615270	28113635	28317612	0.93	cps
Zirconium	91-1	6201964	6341143	6374169	6305759	1.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	607	663	590	14.06	cps
Antimony	121-1	1383	1367	1173	1308	8.93	cps
Arsenic	75-2	3	13	13	10	57.75	cps
Barium	135-1	310	280	263	284	8.31	cps
Barium	137-1	553	530	440	508	11.79	cps
Beryllium	9-1	236	211	231	226	5.90	cps
Bismuth	209-1	5397616	5354207	5468543	5406788	1.07	cps
Bismuth	209-2	2643277	2608999	2595812	2616030	0.94	cps
Bromine	81-1	30330	31131	30574	30678	1.34	cps
Cadmium	108-1	33	33	20	29	26.64	cps
Cadmium	106-1	5321	5261	4938	5173	3.99	cps
Cadmium	111-1	3828	3756	3556	3713	3.80	cps
Calcium	43-1	1453	1367	1327	1382	4.68	cps
Calcium	44-1	45689	45111	44446	45082	1.38	cps
Carbon	12-1	4680796	4544986	4468842	4564875	2.35	cps
Carbon	12-2	30472	29937	30468	30292	1.02	cps
Chlorine	35-1	494228	487333	481343	487634	1.32	cps
Chlorine	35-2	2267	2227	2307	2267	1.76	cps
Chromium	52-2	1847	1830	1683	1787	5.03	cps
Cobalt	59-2	130	127	153	137	10.63	cps
Copper	63-2	3154	3244	2994	3130	4.05	cps
Dysprosium	156-1	13	13	20	16	24.76	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	73	70	59	37.69	cps
Erbium	164-2	30	10	17	19	53.91	cps
Gadolinium	160-1	57	83	77	72	19.21	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	8903327	8992348	9048089	8981254	0.81	cps
Holmium	165-2	3716284	3705294	3703705	3708428	0.18	cps
Indium	115-1	8316300	8234054	8229274	8259876	0.59	cps
Indium	115-2	951054	954781	956566	954134	0.29	cps
Iron	54-2	1083	1047	1167	1099	5.60	cps
Iron	56-2	13597	13396	14234	13742	3.18	cps
Iron	57-2	330	360	320	337	6.18	cps
Krypton	83-1	330	387	313	343	11.20	cps
Lead	206-1	2597	2434	2257	2429	7.00	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2267	2087	1987	2114	6.71	cps
Lead	208-1	10425	9638	9178	9747	6.47	cps
Lithium	6-1	2502287	2621614	2521745	2548549	2.51	cps
Magnesium	24-2	787	843	930	853	8.46	cps
Manganese	55-2	1053	1040	1087	1060	2.27	cps
Molybdenum	94-1	1667	1583	1423	1558	7.94	cps
Molybdenum	95-1	1293	1253	1010	1186	12.93	cps
Molybdenum	96-1	1523	1383	1333	1413	6.97	cps
Molybdenum	97-1	817	727	683	742	9.16	cps
Molybdenum	98-1	2070	1640	1637	1782	13.99	cps
Neodymium	150-1	10	10	20	13	43.30	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1023	970	963	986	3.34	cps
Phosphorus	31-2	130	117	113	120	7.35	cps
Potassium	39-2	25539	25309	24915	25254	1.25	cps
Rhodium	103-1	7814806	7851737	7916126	7860890	0.65	cps
Rhodium	103-2	3497708	3476932	3524015	3499552	0.67	cps
Scandium	45-1	5672255	5711524	5845808	5743195	1.58	cps
Scandium	45-2	132026	130294	129733	130685	0.91	cps
Selenium	82-1	117	3	70	63	89.94	cps
Selenium	77-2	3	0	10	4	114.60	cps
Selenium	78-2	37	17	23	26	39.85	cps
Silicon	28-1	590283	567218	552852	570118	3.31	cps
Silver	107-1	1000	930	833	921	9.09	cps
Silver	109-1	847	743	620	737	15.40	cps
Sodium	23-2	75145	73718	73755	74206	1.10	cps
Strontium	86-1	750	607	710	689	10.74	cps
Strontium	88-1	1107	1033	1023	1054	4.32	cps
Sulfur	34-1	701707	701084	701678	701490	0.05	cps
Terbium	159-1	9491911	9358819	9460089	9436940	0.74	cps
Terbium	159-2	3614292	3636391	3627577	3626087	0.31	cps
Thallium	203-1	717	773	790	760	5.06	cps
Thallium	205-1	1870	1813	1857	1847	1.60	cps
Tin	118-1	4277	4307	3921	4168	5.16	cps
Titanium	47-1	663	573	607	614	7.41	cps
Uranium	238-1	463	453	407	441	6.86	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BL Instrumnet Name : P8
Client Sample ID : PB167502BL Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:17:03 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	20	30	57	36	53.31	cps
Ytterbium	172-1	93	33	70	66	46.14	cps
Ytterbium	172-2	30	13	17	20	44.10	cps
Ytterbium	176-1	1013	1137	1033	1061	6.24	cps
Ytterbium	176-2	233	250	233	239	4.03	cps
Yttrium	89-1	15038987	15551295	14982475	15190919	2.06	cps
Yttrium	89-2	1254465	1261707	1248423	1254865	0.53	cps
Zinc	66-2	3190	3340	3494	3342	4.54	cps
Zirconium	90-1	2690	2294	2410	2465	8.27	cps
Zirconium	91-1	557	497	490	514	7.14	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1286493	1250849	1275203	1270848	1.43	cps
Antimony	121-1	15628253	15731000	15720001	15693085	0.36	cps
Arsenic	75-2	390972	390873	390707	390851	0.03	cps
Barium	135-1	18774809	18673665	18540020	18662831	0.63	cps
Barium	137-1	31625975	31721895	32099014	31815628	0.79	cps
Beryllium	9-1	3924255	3932441	4079417	3978704	2.19	cps
Bismuth	209-1	4946897	5060999	5073155	5027017	1.39	cps
Bismuth	209-2	2419864	2399434	2408371	2409223	0.43	cps
Bromine	81-1	31001	31061	29915	30659	2.10	cps
Cadmium	108-1	307734	310631	312968	310445	0.84	cps
Cadmium	106-1	443075	454516	447252	448281	1.29	cps
Cadmium	111-1	3894448	4063624	3956284	3971452	2.16	cps
Calcium	43-1	5243436	5483231	5464332	5397000	2.47	cps
Calcium	44-1	87019262	88490819	88406745	87972275	0.94	cps
Carbon	12-1	5750118	5852122	5922847	5841696	1.49	cps
Carbon	12-2	43564	43695	44119	43793	0.66	cps
Chlorine	35-1	494076	496127	499255	496486	0.53	cps
Chlorine	35-2	2417	2317	2484	2406	3.49	cps
Chromium	52-2	3988101	4015562	3956087	3986583	0.75	cps
Cobalt	59-2	7112130	7196473	7127046	7145216	0.63	cps
Copper	63-2	54994013	55347713	54377858	54906528	0.89	cps
Dysprosium	156-1	340	317	360	339	6.40	cps
Dysprosium	156-2	37	57	67	53	28.64	cps
Erbium	164-1	257	203	230	230	11.59	cps
Erbium	164-2	57	83	67	69	19.55	cps
Gadolinium	160-1	187	157	157	167	10.39	cps
Gadolinium	160-2	63	67	63	64	2.99	cps
Holmium	165-1	8884649	8770724	8941180	8865517	0.98	cps
Holmium	165-2	3674908	3636099	3607708	3639572	0.93	cps
Indium	115-1	7531470	7782548	7621874	7645298	1.66	cps
Indium	115-2	865097	872994	864413	867501	0.55	cps
Iron	54-2	8014688	8120375	8030171	8055078	0.71	cps
Iron	56-2	145473885	145199238	146419568	145697563	0.44	cps
Iron	57-2	3801465	3736435	3759126	3765675	0.88	cps
Krypton	83-1	447	387	390	408	8.27	cps
Lead	206-1	50427473	51983903	51695399	51368925	1.61	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	42918938	43383794	43251851	43184861	0.55	cps
Lead	208-1	198777955	200941385	202361369	200693570	0.90	cps
Lithium	6-1	2446165	2412152	2520890	2459736	2.26	cps
Magnesium	24-2	23294158	22907403	22830325	23010629	1.08	cps
Manganese	55-2	16987679	16968152	16911197	16955676	0.23	cps
Molybdenum	94-1	56498919	56683754	57344959	56842544	0.78	cps
Molybdenum	95-1	81547452	80386712	83047544	81660569	1.63	cps
Molybdenum	96-1	86601832	89358079	90077719	88679210	2.07	cps
Molybdenum	97-1	49309129	50864824	50593901	50255951	1.65	cps
Molybdenum	98-1	129002378	131251511	130452378	130235423	0.88	cps
Neodymium	150-1	1167	1130	1217	1171	3.72	cps
Neodymium	150-2	70	50	77	66	21.17	cps
Nickel	60-2	2027584	2011344	1961330	2000086	1.73	cps
Phosphorus	31-2	68595	66876	66023	67164	1.95	cps
Potassium	39-2	8251638	8212316	8268871	8244275	0.35	cps
Rhodium	103-1	7255183	7298874	7148667	7234241	1.07	cps
Rhodium	103-2	3207301	3242115	3211082	3220166	0.59	cps
Scandium	45-1	5543655	5653252	5585857	5594254	0.99	cps
Scandium	45-2	133205	133460	133217	133294	0.11	cps
Selenium	82-1	236735	242370	243372	240826	1.49	cps
Selenium	77-2	4958	4898	5038	4964	1.42	cps
Selenium	78-2	17241	17307	17491	17346	0.75	cps
Silicon	28-1	10826192	10889920	10771682	10829265	0.55	cps
Silver	107-1	19914112	20303086	20257683	20158294	1.06	cps
Silver	109-1	18675875	18744140	18750476	18723497	0.22	cps
Sodium	23-2	47798828	47030289	47026301	47285139	0.94	cps
Strontium	86-1	5225333	5383737	5312424	5307165	1.49	cps
Strontium	88-1	46050154	46320724	46473668	46281515	0.46	cps
Sulfur	34-1	1990802	1983407	1960467	1978226	0.80	cps
Terbium	159-1	8921736	9122662	9347051	9130483	2.33	cps
Terbium	159-2	3566043	3571809	3528889	3555580	0.66	cps
Thallium	203-1	12279594	12836926	12710659	12609060	2.32	cps
Thallium	205-1	28942337	29862369	30220320	29675009	2.22	cps
Tin	118-1	12801601	13108981	12969719	12960101	1.19	cps
Titanium	47-1	24185851	24451899	24234150	24290634	0.58	cps
Uranium	238-1	37415211	37575336	38208477	37733008	1.11	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502BS Instrumnet Name : P8
Client Sample ID : PB167502BS Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:22:30 DataFile Name : 033LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3045336	3097876	3048096	3063769	0.97	cps
Ytterbium	172-1	237	290	253	260	10.50	cps
Ytterbium	172-2	107	100	120	109	9.35	cps
Ytterbium	176-1	59828	60531	59031	59797	1.25	cps
Ytterbium	176-2	24580	23598	24042	24073	2.04	cps
Yttrium	89-1	14500907	15007129	14983084	14830373	1.93	cps
Yttrium	89-2	1223066	1235841	1212508	1223805	0.95	cps
Zinc	66-2	6188484	6269932	6119437	6192618	1.22	cps
Zirconium	90-1	28030541	28514698	28539671	28361637	1.01	cps
Zirconium	91-1	6267886	6311026	6463632	6347515	1.62	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	547	630	527	568	9.65	cps
Antimony	121-1	740	533	623	632	16.39	cps
Arsenic	75-2	7	7	7	7	0.00	cps
Barium	135-1	210	200	210	207	2.79	cps
Barium	137-1	303	380	357	347	11.34	cps
Beryllium	9-1	154	139	161	151	7.21	cps
Bismuth	209-1	5438522	5445031	5477827	5453793	0.39	cps
Bismuth	209-2	2637463	2633541	2576643	2615882	1.30	cps
Bromine	81-1	30974	30851	30537	30787	0.73	cps
Cadmium	108-1	20	10	23	18	39.03	cps
Cadmium	106-1	4964	4908	5464	5112	6.00	cps
Cadmium	111-1	3518	3488	3832	3613	5.28	cps
Calcium	43-1	1513	1667	1420	1533	8.12	cps
Calcium	44-1	46244	46552	46235	46344	0.39	cps
Carbon	12-1	4742568	4590396	4607303	4646756	1.79	cps
Carbon	12-2	30448	30181	30615	30415	0.72	cps
Chlorine	35-1	346237	342322	344627	344396	0.57	cps
Chlorine	35-2	1650	1470	1873	1665	12.14	cps
Chromium	52-2	1737	1703	1690	1710	1.41	cps
Cobalt	59-2	93	117	143	118	21.25	cps
Copper	63-2	2794	2884	2827	2835	1.61	cps
Dysprosium	156-1	7	27	13	16	65.47	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	63	63	67	64	2.99	cps
Erbium	164-2	40	27	27	31	24.74	cps
Gadolinium	160-1	77	67	57	67	15.00	cps
Gadolinium	160-2	3	17	27	16	75.27	cps
Holmium	165-1	9051890	9094408	9054021	9066773	0.26	cps
Holmium	165-2	3707695	3759527	3796470	3754564	1.19	cps
Indium	115-1	8384885	8555176	8345088	8428383	1.32	cps
Indium	115-2	967721	964903	968828	967151	0.21	cps
Iron	54-2	1230	1110	1163	1168	5.15	cps
Iron	56-2	13310	12929	13330	13190	1.71	cps
Iron	57-2	323	353	293	323	9.28	cps
Krypton	83-1	383	397	373	384	3.05	cps
Lead	206-1	1640	1870	1740	1750	6.59	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1523	1510	1557	1530	1.57	cps
Lead	208-1	7098	6787	6931	6939	2.24	cps
Lithium	6-1	2563333	2542226	2573631	2559730	0.63	cps
Magnesium	24-2	890	793	763	816	8.12	cps
Manganese	55-2	1183	1060	1057	1100	6.56	cps
Molybdenum	94-1	1163	1147	1113	1141	2.23	cps
Molybdenum	95-1	653	700	573	642	9.98	cps
Molybdenum	96-1	897	770	780	816	8.64	cps
Molybdenum	97-1	373	310	337	340	9.35	cps
Molybdenum	98-1	1007	933	797	912	11.68	cps
Neodymium	150-1	13	3	3	7	86.65	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	1047	990	1187	1074	9.42	cps
Phosphorus	31-2	140	103	93	112	21.90	cps
Potassium	39-2	25436	24795	25376	25202	1.41	cps
Rhodium	103-1	7909609	7896297	8066663	7957523	1.19	cps
Rhodium	103-2	3468513	3533501	3498811	3500275	0.93	cps
Scandium	45-1	5938886	5864067	5803198	5868717	1.16	cps
Scandium	45-2	132989	132262	132918	132723	0.30	cps
Selenium	82-1	-20	-47	0	-22	-105.36	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	20	17	24	43.83	cps
Silicon	28-1	554359	549244	555300	552968	0.59	cps
Silver	107-1	403	377	490	423	14.00	cps
Silver	109-1	340	293	320	318	7.37	cps
Sodium	23-2	74304	74013	73745	74021	0.38	cps
Strontium	86-1	663	720	747	710	5.99	cps
Strontium	88-1	853	820	877	850	3.35	cps
Sulfur	34-1	722438	718796	718772	720002	0.29	cps
Terbium	159-1	9423679	9533942	9404821	9454147	0.74	cps
Terbium	159-2	3575204	3642431	3701739	3639791	1.74	cps
Thallium	203-1	457	477	460	464	2.31	cps
Thallium	205-1	1097	1130	1047	1091	3.84	cps
Tin	118-1	4301	4344	4021	4222	4.16	cps
Titanium	47-1	523	553	493	523	5.73	cps
Uranium	238-1	270	240	243	251	6.55	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : PB167502TB Instrumnet Name : P8
Client Sample ID : PB167502TB Dilution Factor : 1
Date & Time Acquired : 2025-04-10 15:33:29 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	23	40	33	26.47	cps
Ytterbium	172-1	43	67	73	61	25.78	cps
Ytterbium	172-2	10	30	17	19	53.91	cps
Ytterbium	176-1	1060	1120	1050	1077	3.52	cps
Ytterbium	176-2	220	250	263	244	9.08	cps
Yttrium	89-1	15547595	15314409	15509931	15457311	0.81	cps
Yttrium	89-2	1261928	1270090	1275195	1269071	0.53	cps
Zinc	66-2	3140	3417	3007	3188	6.56	cps
Zirconium	90-1	2170	2310	2137	2206	4.17	cps
Zirconium	91-1	460	463	443	456	2.35	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1640069	1636761	1586496	1621109	1.85	cps
Antimony	121-1	437	300	367	368	18.58	cps
Arsenic	75-2	983	960	950	964	1.77	cps
Barium	135-1	184881	185721	188884	186495	1.13	cps
Barium	137-1	323586	319521	323118	322075	0.69	cps
Beryllium	9-1	891	920	946	919	2.97	cps
Bismuth	209-1	5188625	5229141	5103215	5173660	1.24	cps
Bismuth	209-2	2470002	2516494	2502676	2496391	0.96	cps
Bromine	81-1	30984	31960	32254	31733	2.09	cps
Cadmium	108-1	53	83	50	62	29.50	cps
Cadmium	106-1	6258	6178	6055	6164	1.66	cps
Cadmium	111-1	4927	4850	4827	4868	1.08	cps
Calcium	43-1	2714524	2810584	2818015	2781041	2.08	cps
Calcium	44-1	44029318	45333903	44935493	44766238	1.49	cps
Carbon	12-1	5063835	5086375	4956297	5035502	1.38	cps
Carbon	12-2	37311	37204	37180	37232	0.19	cps
Chlorine	35-1	273677	273011	274159	273616	0.21	cps
Chlorine	35-2	1513	1263	1270	1349	10.56	cps
Chromium	52-2	47291	48472	46462	47408	2.13	cps
Cobalt	59-2	361837	362824	359762	361475	0.43	cps
Copper	63-2	206020	205072	204386	205159	0.40	cps
Dysprosium	156-1	165506	162859	166493	164953	1.14	cps
Dysprosium	156-2	64776	62944	62659	63460	1.81	cps
Erbium	164-1	174262	175889	175552	175235	0.49	cps
Erbium	164-2	69390	67902	66910	68067	1.83	cps
Gadolinium	160-1	157974	156351	159795	158040	1.09	cps
Gadolinium	160-2	75472	74922	73534	74643	1.34	cps
Holmium	165-1	9216487	9196652	9134409	9182516	0.47	cps
Holmium	165-2	3770794	3699697	3709616	3726702	1.03	cps
Indium	115-1	8111956	8204994	8053875	8123608	0.94	cps
Indium	115-2	955627	945703	952180	951170	0.53	cps
Iron	54-2	22135861	21940508	21657250	21911206	1.10	cps
Iron	56-2	407763887	397745727	393221221	399576945	1.86	cps
Iron	57-2	10289459	10250338	10054830	10198209	1.23	cps
Krypton	83-1	657	737	677	690	6.03	cps
Lead	206-1	8916	8983	8853	8918	0.73	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	7476	7622	7125	7408	3.45	cps
Lead	208-1	34715	34995	34869	34860	0.40	cps
Lithium	6-1	2427270	2393779	2458758	2426602	1.34	cps
Magnesium	24-2	9250031	9340733	9100463	9230409	1.31	cps
Manganese	55-2	2458398	2424525	2384854	2422592	1.52	cps
Molybdenum	94-1	2620	2857	2767	2748	4.35	cps
Molybdenum	95-1	1033	1140	1193	1122	7.26	cps
Molybdenum	96-1	6235	5975	6081	6097	2.14	cps
Molybdenum	97-1	750	974	713	812	17.34	cps
Molybdenum	98-1	1617	1583	1563	1588	1.70	cps
Neodymium	150-1	179591	184974	179612	181392	1.71	cps
Neodymium	150-2	51371	51749	50712	51277	1.02	cps
Nickel	60-2	108946	107448	107234	107876	0.86	cps
Phosphorus	31-2	1133	1190	1197	1173	2.97	cps
Potassium	39-2	196577	193729	193131	194479	0.95	cps
Rhodium	103-1	7754814	7430938	7751772	7645841	2.43	cps
Rhodium	103-2	3376536	3373578	3319950	3356688	0.95	cps
Scandium	45-1	5897119	5826033	5973061	5898737	1.25	cps
Scandium	45-2	134345	134277	133486	134036	0.36	cps
Selenium	82-1	330	363	367	353	5.74	cps
Selenium	77-2	357	330	287	324	10.89	cps
Selenium	78-2	243	223	253	240	6.36	cps
Silicon	28-1	213493983	215055150	201872210	210140448	3.43	cps
Silver	107-1	283	290	223	266	13.83	cps
Silver	109-1	127	170	180	159	17.84	cps
Sodium	23-2	6595475	6622379	6414191	6544015	1.73	cps
Strontium	86-1	737217	751487	745215	744640	0.96	cps
Strontium	88-1	6671150	6885436	6652977	6736521	1.92	cps
Sulfur	34-1	11049166	11011364	11015563	11025365	0.19	cps
Terbium	159-1	9247359	9264421	9332128	9281303	0.48	cps
Terbium	159-2	3668162	3592248	3626391	3628934	1.05	cps
Thallium	203-1	550	570	537	552	3.04	cps
Thallium	205-1	1203	1203	1307	1238	4.82	cps
Tin	118-1	6191	5698	6245	6045	4.99	cps
Titanium	47-1	5881	5494	5738	5705	3.43	cps
Uranium	238-1	80258	79212	79352	79607	0.71	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:55:49 DataFile Name : 035AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	646715	640869	637659	641747	0.72	cps
Ytterbium	172-1	56908	56550	56794	56751	0.32	cps
Ytterbium	172-2	26907	26166	26052	26375	1.76	cps
Ytterbium	176-1	34652	35568	36022	35414	1.97	cps
Ytterbium	176-2	17211	16524	16784	16840	2.06	cps
Yttrium	89-1	18656327	18896322	18592874	18715175	0.86	cps
Yttrium	89-2	1639429	1607985	1650982	1632798	1.36	cps
Zinc	66-2	195458	193701	190931	193363	1.18	cps
Zirconium	90-1	4808	5448	5228	5161	6.30	cps
Zirconium	91-1	1103	1120	1207	1143	4.85	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1123423	1126694	1118587	1122902	0.36	cps
Antimony	121-1	267	297	360	308	15.48	cps
Arsenic	75-2	907	923	917	916	0.92	cps
Barium	135-1	189053	190328	192916	190765	1.03	cps
Barium	137-1	325881	324171	327676	325909	0.54	cps
Beryllium	9-1	1270	1272	1300	1281	1.28	cps
Bismuth	209-1	5086055	5135933	5191342	5137776	1.03	cps
Bismuth	209-2	2453168	2491658	2480126	2474984	0.80	cps
Bromine	81-1	31435	30330	31779	31181	2.43	cps
Cadmium	108-1	80	90	77	82	8.44	cps
Cadmium	106-1	6608	5928	6512	6349	5.80	cps
Cadmium	111-1	5217	4740	5244	5067	5.60	cps
Calcium	43-1	3987850	4045595	4020284	4017910	0.72	cps
Calcium	44-1	66233677	65382019	66269459	65961718	0.76	cps
Carbon	12-1	5141234	4990590	4971891	5034571	1.84	cps
Carbon	12-2	35563	35767	36318	35883	1.09	cps
Chlorine	35-1	266362	267412	268902	267559	0.48	cps
Chlorine	35-2	1223	1277	1393	1298	6.70	cps
Chromium	52-2	21944	22194	21169	21769	2.45	cps
Cobalt	59-2	372900	372120	365114	370045	1.16	cps
Copper	63-2	241060	239824	238956	239947	0.44	cps
Dysprosium	156-1	174463	173426	174571	174153	0.36	cps
Dysprosium	156-2	66980	65831	65777	66196	1.03	cps
Erbium	164-1	190642	194036	196134	193604	1.43	cps
Erbium	164-2	74500	74514	72848	73954	1.30	cps
Gadolinium	160-1	164582	164785	171453	166940	2.34	cps
Gadolinium	160-2	77909	79921	77540	78457	1.63	cps
Holmium	165-1	9189232	9176908	9042946	9136362	0.89	cps
Holmium	165-2	3712165	3736160	3670253	3706193	0.90	cps
Indium	115-1	8041771	8171293	8088337	8100467	0.81	cps
Indium	115-2	923484	932704	942744	932977	1.03	cps
Iron	54-2	22582461	22497661	22038319	22372813	1.31	cps
Iron	56-2	415538714	412109274	407590634	411746207	0.97	cps
Iron	57-2	10476293	10358689	10336835	10390606	0.72	cps
Krypton	83-1	757	773	790	773	2.15	cps
Lead	206-1	8356	8293	8263	8304	0.57	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	6455	6932	6779	6722	3.62	cps
Lead	208-1	31766	31468	31679	31638	0.48	cps
Lithium	6-1	2363918	2364607	2527849	2418791	3.90	cps
Magnesium	24-2	8494516	8470378	8230171	8398355	1.74	cps
Manganese	55-2	3762522	3692423	3726880	3727275	0.94	cps
Molybdenum	94-1	2257	2177	2134	2189	2.86	cps
Molybdenum	95-1	1057	1150	1153	1120	4.90	cps
Molybdenum	96-1	6195	6128	6118	6147	0.68	cps
Molybdenum	97-1	747	693	687	709	4.64	cps
Molybdenum	98-1	1523	1460	1483	1489	2.15	cps
Neodymium	150-1	181531	181102	181809	181480	0.20	cps
Neodymium	150-2	51776	50809	49939	50841	1.81	cps
Nickel	60-2	93746	93685	91814	93082	1.18	cps
Phosphorus	31-2	493	570	510	524	7.69	cps
Potassium	39-2	198323	199651	196749	198241	0.73	cps
Rhodium	103-1	7726295	7711609	7562636	7666847	1.18	cps
Rhodium	103-2	3346379	3276595	3312668	3311881	1.05	cps
Scandium	45-1	5822946	5834468	5966282	5874565	1.36	cps
Scandium	45-2	129404	131552	131364	130773	0.91	cps
Selenium	82-1	440	270	300	337	26.95	cps
Selenium	77-2	340	280	300	307	9.96	cps
Selenium	78-2	303	237	240	260	14.45	cps
Silicon	28-1	223896970	220210977	219713890	221273946	1.03	cps
Silver	107-1	250	180	210	213	16.46	cps
Silver	109-1	133	153	163	150	10.19	cps
Sodium	23-2	7655449	7667278	7430592	7584440	1.76	cps
Strontium	86-1	1022518	1012133	1019976	1018209	0.53	cps
Strontium	88-1	9173912	9103073	9192685	9156557	0.52	cps
Sulfur	34-1	11269546	11586856	11292103	11382835	1.56	cps
Terbium	159-1	9018400	9297023	9402119	9239181	2.15	cps
Terbium	159-2	3545860	3543396	3620460	3569906	1.23	cps
Thallium	203-1	480	547	550	526	7.51	cps
Thallium	205-1	1203	1210	1347	1253	6.45	cps
Tin	118-1	4991	4721	4951	4888	2.98	cps
Titanium	47-1	5064	5148	4868	5026	2.86	cps
Uranium	238-1	90986	95690	94518	93731	2.61	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 15:59:02 DataFile Name : 036AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	423737	425640	419510	422962	0.74	cps
Ytterbium	172-1	67421	68415	66861	67566	1.17	cps
Ytterbium	172-2	31401	31801	30485	31229	2.16	cps
Ytterbium	176-1	41732	40960	41762	41485	1.10	cps
Ytterbium	176-2	19528	19782	18773	19361	2.71	cps
Yttrium	89-1	18903657	18546543	18968886	18806362	1.21	cps
Yttrium	89-2	1636483	1597730	1642855	1625690	1.50	cps
Zinc	66-2	184241	184683	183566	184163	0.31	cps
Zirconium	90-1	3247	3607	3394	3416	5.30	cps
Zirconium	91-1	707	740	710	719	2.55	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1097830	1078274	1064072	1080059	1.57	cps
Antimony	121-1	317	340	317	324	4.15	cps
Arsenic	75-2	767	787	817	790	3.19	cps
Barium	135-1	176733	180523	178995	178750	1.07	cps
Barium	137-1	302299	307796	310473	306856	1.36	cps
Beryllium	9-1	1232	1209	1139	1193	4.06	cps
Bismuth	209-1	5306772	5159210	5298642	5254875	1.58	cps
Bismuth	209-2	2529878	2525344	2518031	2524418	0.24	cps
Bromine	81-1	30831	31021	31766	31206	1.58	cps
Cadmium	108-1	67	77	63	69	10.08	cps
Cadmium	106-1	6392	6352	6498	6414	1.18	cps
Cadmium	111-1	5214	5199	5214	5209	0.17	cps
Calcium	43-1	3962735	3936041	3942802	3947193	0.35	cps
Calcium	44-1	63552334	64369967	64080172	64000825	0.65	cps
Carbon	12-1	4944222	4840905	4977656	4920927	1.45	cps
Carbon	12-2	34076	34450	34778	34435	1.02	cps
Chlorine	35-1	265420	264948	261837	264069	0.74	cps
Chlorine	35-2	1190	1367	1270	1276	6.94	cps
Chromium	52-2	15882	16136	15242	15753	2.93	cps
Cobalt	59-2	363964	365697	361485	363715	0.58	cps
Copper	63-2	271684	269100	267008	269264	0.87	cps
Dysprosium	156-1	169661	168807	167107	168525	0.77	cps
Dysprosium	156-2	65553	66280	63828	65220	1.93	cps
Erbium	164-1	191113	194502	193612	193075	0.91	cps
Erbium	164-2	73606	73652	72586	73281	0.82	cps
Gadolinium	160-1	164944	167372	164349	165555	0.97	cps
Gadolinium	160-2	76977	76752	76846	76858	0.15	cps
Holmium	165-1	9139717	9348686	9189195	9225866	1.18	cps
Holmium	165-2	3702505	3779975	3752175	3744885	1.05	cps
Indium	115-1	8177377	8289100	8105772	8190750	1.13	cps
Indium	115-2	933785	930553	934459	932933	0.22	cps
Iron	54-2	21881856	21935231	21755552	21857546	0.42	cps
Iron	56-2	401886061	397736314	397124941	398915772	0.65	cps
Iron	57-2	10202785	10028053	10018526	10083121	1.03	cps
Krypton	83-1	763	773	787	774	1.51	cps
Lead	206-1	6095	6612	6262	6323	4.17	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5138	5351	5144	5211	2.33	cps
Lead	208-1	24222	24382	24556	24387	0.68	cps
Lithium	6-1	2536300	2467554	2517749	2507201	1.42	cps
Magnesium	24-2	7535702	7501955	7379736	7472464	1.10	cps
Manganese	55-2	3368880	3305764	3325560	3333401	0.97	cps
Molybdenum	94-1	1787	2034	2080	1967	8.01	cps
Molybdenum	95-1	1070	1057	943	1023	6.80	cps
Molybdenum	96-1	5504	5775	5558	5612	2.55	cps
Molybdenum	97-1	693	617	577	629	9.43	cps
Molybdenum	98-1	1240	1323	1430	1331	7.16	cps
Neodymium	150-1	176519	172167	178119	175601	1.75	cps
Neodymium	150-2	48969	50320	48992	49427	1.57	cps
Nickel	60-2	78438	77988	77124	77850	0.86	cps
Phosphorus	31-2	340	250	377	322	20.23	cps
Potassium	39-2	211899	208758	205107	208588	1.63	cps
Rhodium	103-1	7707091	7717431	7609507	7678010	0.78	cps
Rhodium	103-2	3370918	3389751	3351280	3370649	0.57	cps
Scandium	45-1	5890270	6045845	6013312	5983142	1.37	cps
Scandium	45-2	132558	130591	131855	131668	0.76	cps
Selenium	82-1	307	263	317	296	9.59	cps
Selenium	77-2	347	307	340	331	6.47	cps
Selenium	78-2	243	283	233	253	10.44	cps
Silicon	28-1	221730163	219270997	223290610	221430590	0.92	cps
Silver	107-1	207	203	220	210	4.20	cps
Silver	109-1	123	163	153	147	14.19	cps
Sodium	23-2	8422491	8264998	8256380	8314623	1.12	cps
Strontium	86-1	1042505	1034232	1055628	1044122	1.03	cps
Strontium	88-1	9571511	9241730	9368907	9394049	1.77	cps
Sulfur	34-1	10809756	11119164	10750359	10893093	1.82	cps
Terbium	159-1	9405673	9643208	9315917	9454933	1.79	cps
Terbium	159-2	3615314	3595405	3642395	3617705	0.65	cps
Thallium	203-1	453	527	443	474	9.59	cps
Thallium	205-1	1030	1143	1130	1101	5.63	cps
Tin	118-1	4911	6620	5221	5584	16.31	cps
Titanium	47-1	5004	5001	4974	4993	0.33	cps
Uranium	238-1	93642	94458	93047	93716	0.76	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DLX5 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:02:19 DataFile Name : 037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	298116	291461	292590	294056	1.21	cps
Ytterbium	172-1	66479	67876	67230	67195	1.04	cps
Ytterbium	172-2	31491	31020	31641	31384	1.03	cps
Ytterbium	176-1	42167	41508	42221	41965	0.95	cps
Ytterbium	176-2	19782	19661	19535	19659	0.63	cps
Yttrium	89-1	19202451	19029313	19255327	19162364	0.62	cps
Yttrium	89-2	1628362	1665275	1603002	1632213	1.92	cps
Zinc	66-2	223000	222063	222568	222544	0.21	cps
Zirconium	90-1	2930	3234	3157	3107	5.08	cps
Zirconium	91-1	677	747	710	711	4.92	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427262	429456	422467	426395	0.84	cps
Antimony	121-1	453	410	377	413	9.30	cps
Arsenic	75-2	413	517	450	460	11.39	cps
Barium	135-1	188087	192741	190662	190497	1.22	cps
Barium	137-1	328562	333532	333024	331706	0.82	cps
Beryllium	9-1	1082	1131	1028	1080	4.76	cps
Bismuth	209-1	5219506	5309528	5266139	5265057	0.86	cps
Bismuth	209-2	2451600	2482117	2509161	2480959	1.16	cps
Bromine	81-1	31482	30654	30617	30917	1.58	cps
Cadmium	108-1	90	110	110	103	11.17	cps
Cadmium	106-1	5741	5728	5611	5693	1.26	cps
Cadmium	111-1	4823	4716	4688	4742	1.50	cps
Calcium	43-1	7296461	7120418	7281041	7232640	1.35	cps
Calcium	44-1	120395542	117774062	119885245	119351616	1.16	cps
Carbon	12-1	5040939	4960476	5044689	5015368	0.95	cps
Carbon	12-2	35643	35663	35296	35534	0.58	cps
Chlorine	35-1	257418	254857	249489	253921	1.59	cps
Chlorine	35-2	1150	1050	1163	1121	5.53	cps
Chromium	52-2	4417	4297	4601	4439	3.44	cps
Cobalt	59-2	343020	341558	337138	340572	0.90	cps
Copper	63-2	187673	186816	185749	186746	0.52	cps
Dysprosium	156-1	96982	99151	99383	98505	1.34	cps
Dysprosium	156-2	38097	37422	37636	37719	0.91	cps
Erbium	164-1	122272	121859	122316	122149	0.21	cps
Erbium	164-2	45792	46300	45190	45760	1.21	cps
Gadolinium	160-1	97057	96839	97262	97052	0.22	cps
Gadolinium	160-2	45531	44701	44598	44943	1.14	cps
Holmium	165-1	9320311	9465990	9256342	9347548	1.15	cps
Holmium	165-2	3708249	3730951	3687524	3708908	0.59	cps
Indium	115-1	8216238	8281750	8134059	8210682	0.90	cps
Indium	115-2	921618	917616	917668	918968	0.25	cps
Iron	54-2	18092043	17965533	17638963	17898846	1.31	cps
Iron	56-2	333395195	330544908	331061462	331667188	0.46	cps
Iron	57-2	8269706	8388357	8167889	8275317	1.33	cps
Krypton	83-1	650	607	530	596	10.20	cps
Lead	206-1	3997	4164	4144	4102	2.22	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3387	3481	3574	3481	2.68	cps
Lead	208-1	15577	16197	16227	16001	2.29	cps
Lithium	6-1	2593934	2611024	2496256	2567072	2.41	cps
Magnesium	24-2	5660424	5668950	5449695	5593023	2.22	cps
Manganese	55-2	4961395	4941504	4901439	4934779	0.62	cps
Molybdenum	94-1	1350	1477	1510	1446	5.84	cps
Molybdenum	95-1	1147	1103	1110	1120	2.08	cps
Molybdenum	96-1	4928	4891	4884	4901	0.48	cps
Molybdenum	97-1	673	617	627	639	4.73	cps
Molybdenum	98-1	1280	1133	1157	1190	6.62	cps
Neodymium	150-1	94231	93238	94516	93995	0.71	cps
Neodymium	150-2	25584	25875	26055	25838	0.92	cps
Nickel	60-2	45593	45422	44633	45216	1.13	cps
Phosphorus	31-2	87	107	143	112	25.61	cps
Potassium	39-2	220763	220601	219035	220133	0.43	cps
Rhodium	103-1	7703928	7800851	7602608	7702462	1.29	cps
Rhodium	103-2	3277103	3312651	3328001	3305918	0.79	cps
Scandium	45-1	5955264	5912080	5919827	5929057	0.39	cps
Scandium	45-2	128149	126752	128074	127658	0.62	cps
Selenium	82-1	223	173	320	239	31.21	cps
Selenium	77-2	180	170	147	166	10.33	cps
Selenium	78-2	193	170	137	167	17.09	cps
Silicon	28-1	198238684	197437557	196382197	197352813	0.47	cps
Silver	107-1	237	237	207	227	7.64	cps
Silver	109-1	133	140	170	148	13.21	cps
Sodium	23-2	12684951	12762949	12480637	12642846	1.15	cps
Strontium	86-1	1269263	1281397	1297796	1282819	1.12	cps
Strontium	88-1	11322695	11595989	11514336	11477673	1.22	cps
Sulfur	34-1	11581943	11675647	11640482	11632691	0.41	cps
Terbium	159-1	9412962	9505601	9538203	9485589	0.68	cps
Terbium	159-2	3594584	3601500	3539875	3578653	0.94	cps
Thallium	203-1	620	547	597	588	6.37	cps
Thallium	205-1	1077	1283	1377	1246	12.33	cps
Tin	118-1	4664	5505	4841	5003	8.86	cps
Titanium	47-1	4111	3864	3997	3991	3.10	cps
Uranium	238-1	72234	73269	72552	72685	0.73	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-08DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-21-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:05:33 DataFile Name : 038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63845	63105	62770	63240	0.87	cps
Ytterbium	172-1	45271	46746	46414	46144	1.68	cps
Ytterbium	172-2	21167	21050	20269	20829	2.34	cps
Ytterbium	176-1	29620	28808	28878	29102	1.55	cps
Ytterbium	176-2	13110	13283	13026	13140	1.00	cps
Yttrium	89-1	17684095	17832250	17673010	17729785	0.50	cps
Yttrium	89-2	1495353	1509045	1479288	1494562	1.00	cps
Zinc	66-2	204013	202529	201871	202804	0.54	cps
Zirconium	90-1	2157	2314	2317	2262	4.04	cps
Zirconium	91-1	460	470	493	474	3.61	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6182007	6127855	6156491	6155451	0.44	cps
Antimony	121-1	14851283	15184209	14897504	14977665	1.20	cps
Arsenic	75-2	375301	375320	374999	375206	0.05	cps
Barium	135-1	17942231	18402234	18302991	18215819	1.33	cps
Barium	137-1	30698944	31105670	31281968	31028860	0.96	cps
Beryllium	9-1	3754305	3697805	3803473	3751861	1.41	cps
Bismuth	209-1	4702844	4573478	4709450	4661924	1.64	cps
Bismuth	209-2	2227072	2281613	2235219	2247968	1.31	cps
Bromine	81-1	29545	30329	32428	30767	4.84	cps
Cadmium	108-1	286819	292244	291482	290182	1.01	cps
Cadmium	106-1	412630	418860	423242	418244	1.28	cps
Cadmium	111-1	3683037	3616156	3668468	3655887	0.96	cps
Calcium	43-1	25225023	25680434	25258030	25387829	1.00	cps
Calcium	44-1	416349087	417022407	414865060	416078852	0.27	cps
Carbon	12-1	5384639	5401356	5477557	5421184	0.91	cps
Carbon	12-2	45403	45784	43962	45050	2.13	cps
Chlorine	35-1	304529	306853	307941	306441	0.57	cps
Chlorine	35-2	1617	1480	1570	1556	4.47	cps
Chromium	52-2	3897919	3933662	3932885	3921489	0.52	cps
Cobalt	59-2	6855980	6747768	6765905	6789884	0.85	cps
Copper	63-2	51406706	51337779	51690978	51478488	0.36	cps
Dysprosium	156-1	753	767	717	746	3.47	cps
Dysprosium	156-2	197	210	193	200	4.41	cps
Erbium	164-1	617	657	667	647	4.09	cps
Erbium	164-2	240	310	270	273	12.85	cps
Gadolinium	160-1	453	523	580	519	12.23	cps
Gadolinium	160-2	207	273	220	233	15.12	cps
Holmium	165-1	8519053	8499494	8623391	8547313	0.78	cps
Holmium	165-2	3551315	3536999	3541081	3543132	0.21	cps
Indium	115-1	7128965	7198058	7079593	7135539	0.83	cps
Indium	115-2	818027	821001	818961	819329	0.19	cps
Iron	54-2	38381524	38592487	38235789	38403267	0.47	cps
Iron	56-2	719283109	709939003	714166763	714462958	0.65	cps
Iron	57-2	18079191	17957065	17899196	17978484	0.51	cps
Krypton	83-1	410	353	400	388	7.80	cps
Lead	206-1	48510104	48708233	50237026	49151788	1.92	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41331315	41607139	42632086	41856847	1.64	cps
Lead	208-1	190966831	190945167	196662170	192858056	1.71	cps
Lithium	6-1	2268431	2256235	2315142	2279936	1.36	cps
Magnesium	24-2	107888218	108730722	107072542	107897161	0.77	cps
Manganese	55-2	16615397	16564825	16709194	16629805	0.44	cps
Molybdenum	94-1	54508429	55223059	55821666	55184385	1.19	cps
Molybdenum	95-1	78485929	80083327	80646707	79738654	1.41	cps
Molybdenum	96-1	85103829	87460339	87901022	86821730	1.73	cps
Molybdenum	97-1	48460876	49595019	49803481	49286459	1.47	cps
Molybdenum	98-1	125377275	128168548	128637108	127394310	1.38	cps
Neodymium	150-1	1370	1457	1287	1371	6.20	cps
Neodymium	150-2	150	77	127	118	31.81	cps
Nickel	60-2	1910238	1890253	1881829	1894107	0.77	cps
Phosphorus	31-2	64429	64804	64372	64535	0.36	cps
Potassium	39-2	39631704	39482440	40287119	39800421	1.08	cps
Rhodium	103-1	6582127	6678476	6700200	6653601	0.94	cps
Rhodium	103-2	2950220	3005477	2899637	2951778	1.79	cps
Scandium	45-1	5287718	5248392	5341176	5292429	0.88	cps
Scandium	45-2	127307	127667	128158	127711	0.33	cps
Selenium	82-1	222933	226940	225237	225037	0.89	cps
Selenium	77-2	4861	4884	4801	4849	0.89	cps
Selenium	78-2	16370	17020	16400	16597	2.21	cps
Silicon	28-1	9111569	9148437	9380878	9213628	1.58	cps
Silver	107-1	18101067	18453063	18431386	18328505	1.08	cps
Silver	109-1	17066848	17301396	17366347	17244864	0.91	cps
Sodium	23-2	223464763	226286223	222005963	223918983	0.97	cps
Strontium	86-1	5186953	5194825	5278461	5220080	0.97	cps
Strontium	88-1	44937754	45771149	45879624	45529509	1.13	cps
Sulfur	34-1	1924403	1899126	1948739	1924089	1.29	cps
Terbium	159-1	8857093	8940231	8934447	8910590	0.52	cps
Terbium	159-2	3469399	3455657	3405656	3443571	0.97	cps
Thallium	203-1	11887482	11942876	12137846	11989401	1.10	cps
Thallium	205-1	28328664	28092067	28570963	28330565	0.85	cps
Tin	118-1	12214899	12300689	12382290	12299293	0.68	cps
Titanium	47-1	22846168	23118945	23226480	23063864	0.85	cps
Uranium	238-1	37528249	36997933	37724194	37416792	1.00	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:11:25 DataFile Name : 039CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2991801	3001001	3014340	3002381	0.38	cps
Ytterbium	172-1	943	983	987	971	2.48	cps
Ytterbium	172-2	340	473	450	421	16.91	cps
Ytterbium	176-1	60545	61033	61264	60947	0.60	cps
Ytterbium	176-2	24363	24563	24252	24393	0.65	cps
Yttrium	89-1	14250616	14093070	14321502	14221729	0.82	cps
Yttrium	89-2	1191661	1195627	1174874	1187388	0.93	cps
Zinc	66-2	5928995	5943864	6017636	5963498	0.80	cps
Zirconium	90-1	27308870	27768790	28084029	27720563	1.41	cps
Zirconium	91-1	6103243	6239094	6167161	6169833	1.10	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	610	600	550	587	5.48	cps
Antimony	121-1	3570	2854	2460	2961	19.01	cps
Arsenic	75-2	10	10	37	19	81.51	cps
Barium	135-1	557	480	410	482	15.21	cps
Barium	137-1	1070	803	677	850	23.62	cps
Beryllium	9-1	395	374	328	366	9.38	cps
Bismuth	209-1	5515548	5623063	5641923	5593511	1.22	cps
Bismuth	209-2	2648560	2671405	2728707	2682891	1.54	cps
Bromine	81-1	30791	32013	31809	31538	2.08	cps
Cadmium	108-1	33	43	23	33	30.00	cps
Cadmium	106-1	5324	5404	5438	5389	1.08	cps
Cadmium	111-1	3910	3963	3927	3933	0.68	cps
Calcium	43-1	3074	2794	2884	2917	4.90	cps
Calcium	44-1	69819	67370	66148	67779	2.76	cps
Carbon	12-1	4797551	4619998	4648526	4688692	2.03	cps
Carbon	12-2	31674	30742	30432	30949	2.09	cps
Chlorine	35-1	265083	264113	265975	265057	0.35	cps
Chlorine	35-2	1170	1270	1213	1218	4.12	cps
Chromium	52-2	1997	1837	1800	1878	5.57	cps
Cobalt	59-2	210	173	190	191	9.60	cps
Copper	63-2	3504	3157	3394	3352	5.29	cps
Dysprosium	156-1	7	7	10	8	24.71	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	73	63	90	76	17.83	cps
Erbium	164-2	33	30	23	29	17.63	cps
Gadolinium	160-1	90	83	87	87	3.85	cps
Gadolinium	160-2	30	27	27	28	6.92	cps
Holmium	165-1	9514863	9609374	9440517	9521585	0.89	cps
Holmium	165-2	3841060	3821240	3807128	3823143	0.45	cps
Indium	115-1	8486483	8696606	8487196	8556762	1.42	cps
Indium	115-2	980759	987213	979156	982376	0.43	cps
Iron	54-2	1510	1550	1487	1516	2.11	cps
Iron	56-2	22171	21416	21263	21617	2.25	cps
Iron	57-2	670	550	437	552	21.13	cps
Krypton	83-1	407	393	393	398	1.94	cps
Lead	206-1	3460	3094	2850	3135	9.80	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3157	2687	2440	2761	13.19	cps
Lead	208-1	14190	12292	11245	12576	11.87	cps
Lithium	6-1	2761746	2707680	2699396	2722940	1.24	cps
Magnesium	24-2	1900	1947	1693	1847	7.30	cps
Manganese	55-2	1263	1250	1230	1248	1.34	cps
Molybdenum	94-1	3130	2654	2577	2787	10.76	cps
Molybdenum	95-1	3027	2214	1943	2395	23.55	cps
Molybdenum	96-1	3344	2634	2154	2710	22.09	cps
Molybdenum	97-1	1763	1553	1083	1467	23.74	cps
Molybdenum	98-1	4771	3651	3040	3821	22.97	cps
Neodymium	150-1	7	3	20	10	88.20	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1080	1017	1027	1041	3.27	cps
Phosphorus	31-2	140	103	117	120	15.47	cps
Potassium	39-2	28876	28378	27920	28391	1.68	cps
Rhodium	103-1	8056566	8050501	7985764	8030944	0.49	cps
Rhodium	103-2	3576576	3606785	3552649	3578670	0.76	cps
Scandium	45-1	5927841	5912220	5920725	5920262	0.13	cps
Scandium	45-2	133715	135155	132720	133863	0.91	cps
Selenium	82-1	3	-43	57	6	900.49	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	27	27	23	26	7.55	cps
Silicon	28-1	597477	579303	564824	580535	2.82	cps
Silver	107-1	2167	1813	1580	1853	15.94	cps
Silver	109-1	2034	1587	1437	1686	18.42	cps
Sodium	23-2	84057	82042	81647	82582	1.57	cps
Strontium	86-1	877	750	783	803	8.17	cps
Strontium	88-1	2187	1753	1513	1818	18.77	cps
Sulfur	34-1	723024	728425	734642	728697	0.80	cps
Terbium	159-1	9975341	9850589	9647705	9824545	1.68	cps
Terbium	159-2	3761394	3793548	3757580	3770840	0.52	cps
Thallium	203-1	927	790	803	840	8.97	cps
Thallium	205-1	2567	2114	1924	2201	15.02	cps
Tin	118-1	4851	4718	4561	4710	3.08	cps
Titanium	47-1	1043	997	733	924	18.08	cps
Uranium	238-1	1107	863	647	872	26.38	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:14:12 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57	47	67	57	17.65	cps
Ytterbium	172-1	73	27	30	43	60.07	cps
Ytterbium	172-2	30	27	27	28	6.92	cps
Ytterbium	176-1	1150	1187	1047	1128	6.44	cps
Ytterbium	176-2	263	287	247	266	7.57	cps
Yttrium	89-1	15803938	15517283	15610718	15643979	0.93	cps
Yttrium	89-2	1277617	1287610	1273911	1279712	0.55	cps
Zinc	66-2	3554	3314	3420	3429	3.51	cps
Zirconium	90-1	3764	3601	3444	3603	4.44	cps
Zirconium	91-1	777	733	690	733	5.91	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	574405	570566	558809	567927	1.43	cps
Antimony	121-1	813	733	720	756	6.68	cps
Arsenic	75-2	540	450	523	504	9.49	cps
Barium	135-1	181215	184941	182729	182962	1.02	cps
Barium	137-1	316910	317704	315530	316714	0.35	cps
Beryllium	9-1	1478	1380	1416	1425	3.46	cps
Bismuth	209-1	5153777	5193980	5186123	5177960	0.41	cps
Bismuth	209-2	2442497	2486922	2516986	2482135	1.51	cps
Bromine	81-1	31619	31178	31155	31317	0.84	cps
Cadmium	108-1	77	120	103	100	21.86	cps
Cadmium	106-1	6051	5761	5691	5835	3.27	cps
Cadmium	111-1	4906	4732	4632	4756	2.91	cps
Calcium	43-1	6697848	6769045	6780094	6748995	0.66	cps
Calcium	44-1	110332395	112336078	111609158	111425877	0.91	cps
Carbon	12-1	5225224	5120230	5136129	5160528	1.10	cps
Carbon	12-2	35753	35720	35596	35690	0.23	cps
Chlorine	35-1	239558	236400	237969	237976	0.66	cps
Chlorine	35-2	1043	1067	1010	1040	2.74	cps
Chromium	52-2	5591	5244	5221	5352	3.87	cps
Cobalt	59-2	336341	338160	333317	335939	0.73	cps
Copper	63-2	207135	207944	206410	207163	0.37	cps
Dysprosium	156-1	105418	105777	106668	105954	0.61	cps
Dysprosium	156-2	40809	42002	40755	41189	1.71	cps
Erbium	164-1	128110	129357	129617	129028	0.62	cps
Erbium	164-2	48893	48404	48856	48718	0.56	cps
Gadolinium	160-1	106531	106135	105530	106065	0.48	cps
Gadolinium	160-2	49003	49883	48785	49224	1.18	cps
Holmium	165-1	9058484	9240951	9091451	9130295	1.07	cps
Holmium	165-2	3705017	3687635	3670253	3687635	0.47	cps
Indium	115-1	7975085	8279965	8093627	8116225	1.89	cps
Indium	115-2	917088	917513	917538	917380	0.03	cps
Iron	54-2	18933659	18921409	18433622	18762897	1.52	cps
Iron	56-2	348686501	347029435	339233582	344983173	1.46	cps
Iron	57-2	8892003	8675897	8584621	8717507	1.81	cps
Krypton	83-1	580	603	613	599	2.86	cps
Lead	206-1	5268	5708	5485	5487	4.01	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4531	4307	4608	4482	3.48	cps
Lead	208-1	21080	21277	21174	21177	0.46	cps
Lithium	6-1	2622032	2673844	2584262	2626713	1.71	cps
Magnesium	24-2	5887758	5844173	5763080	5831670	1.08	cps
Manganese	55-2	4667822	4733324	4637931	4679692	1.04	cps
Molybdenum	94-1	1827	1947	2050	1941	5.76	cps
Molybdenum	95-1	1157	1180	1260	1199	4.52	cps
Molybdenum	96-1	5414	4971	5234	5207	4.28	cps
Molybdenum	97-1	640	650	663	651	1.80	cps
Molybdenum	98-1	1580	1417	1280	1426	10.54	cps
Neodymium	150-1	102874	102743	102706	102774	0.09	cps
Neodymium	150-2	29015	28717	28303	28678	1.25	cps
Nickel	60-2	46760	47278	47007	47015	0.55	cps
Phosphorus	31-2	157	157	137	150	7.70	cps
Potassium	39-2	200182	199093	198340	199205	0.46	cps
Rhodium	103-1	7619118	7602782	7522334	7581411	0.68	cps
Rhodium	103-2	3325165	3341355	3302919	3323147	0.58	cps
Scandium	45-1	5691160	5798483	5835956	5775199	1.30	cps
Scandium	45-2	127204	127577	126457	127079	0.45	cps
Selenium	82-1	293	323	247	288	13.42	cps
Selenium	77-2	237	180	173	197	17.69	cps
Selenium	78-2	170	190	237	199	17.20	cps
Silicon	28-1	208342077	205338344	204641717	206107379	0.95	cps
Silver	107-1	440	437	420	432	2.48	cps
Silver	109-1	407	290	360	352	16.67	cps
Sodium	23-2	10378708	10525869	10293384	10399320	1.13	cps
Strontium	86-1	1248487	1217252	1231996	1232578	1.27	cps
Strontium	88-1	11277656	11119891	11189762	11195769	0.71	cps
Sulfur	34-1	11744746	11566916	11643936	11651866	0.77	cps
Terbium	159-1	9523552	9476136	9555484	9518391	0.42	cps
Terbium	159-2	3573525	3567485	3592412	3577807	0.36	cps
Thallium	203-1	567	563	527	552	4.02	cps
Thallium	205-1	1380	1190	1393	1321	8.61	cps
Tin	118-1	5328	5531	5208	5356	3.05	cps
Titanium	47-1	4104	4121	4107	4111	0.21	cps
Uranium	238-1	69941	72180	73065	71729	2.24	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-10DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-22-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:19:58 DataFile Name : 041AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	98968	98382	98023	98458	0.48	cps
Ytterbium	172-1	47448	47297	46595	47113	0.97	cps
Ytterbium	172-2	21711	22038	21464	21738	1.33	cps
Ytterbium	176-1	29312	29139	29059	29170	0.44	cps
Ytterbium	176-2	13867	13680	13944	13831	0.98	cps
Yttrium	89-1	17791576	17883005	17827973	17834185	0.26	cps
Yttrium	89-2	1488291	1428742	1487066	1468033	2.32	cps
Zinc	66-2	186307	185491	180467	184088	1.72	cps
Zirconium	90-1	3084	3267	3137	3163	2.98	cps
Zirconium	91-1	723	733	623	693	8.77	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	585302	581499	574301	580367	0.96	cps
Antimony	121-1	583	547	613	581	5.75	cps
Arsenic	75-2	590	550	547	562	4.29	cps
Barium	135-1	167546	167161	168814	167840	0.52	cps
Barium	137-1	287129	296027	290677	291278	1.54	cps
Beryllium	9-1	1249	1237	1264	1250	1.05	cps
Bismuth	209-1	5449956	5279937	5321509	5350467	1.66	cps
Bismuth	209-2	2503238	2489134	2510738	2501037	0.44	cps
Bromine	81-1	30633	30256	30386	30425	0.63	cps
Cadmium	108-1	103	90	83	92	11.04	cps
Cadmium	106-1	6081	6068	5971	6040	0.99	cps
Cadmium	111-1	5055	5015	5002	5024	0.55	cps
Calcium	43-1	8549156	8673056	8449841	8557351	1.31	cps
Calcium	44-1	139684018	142383298	138979065	140348793	1.28	cps
Carbon	12-1	5185909	5278332	5321091	5261777	1.31	cps
Carbon	12-2	37518	37441	36448	37136	1.61	cps
Chlorine	35-1	236102	235194	231784	234360	0.97	cps
Chlorine	35-2	1087	1137	1057	1093	3.70	cps
Chromium	52-2	57385	56726	56288	56800	0.97	cps
Cobalt	59-2	377084	381569	369682	376112	1.60	cps
Copper	63-2	218463	220595	215007	218021	1.29	cps
Dysprosium	156-1	122653	122828	122959	122813	0.13	cps
Dysprosium	156-2	47046	46658	46306	46670	0.79	cps
Erbium	164-1	146048	145960	147355	146455	0.53	cps
Erbium	164-2	54832	54796	54143	54590	0.71	cps
Gadolinium	160-1	118733	120431	121665	120277	1.22	cps
Gadolinium	160-2	55629	56288	54497	55471	1.63	cps
Holmium	165-1	9341505	9489848	9413702	9415018	0.79	cps
Holmium	165-2	3760746	3732373	3695929	3729683	0.87	cps
Indium	115-1	8358090	8407569	8333065	8366241	0.45	cps
Indium	115-2	927709	922704	927329	925914	0.30	cps
Iron	54-2	20524942	20311270	20292665	20376292	0.63	cps
Iron	56-2	381969528	375366154	370893128	376076270	1.48	cps
Iron	57-2	9447275	9534110	9340903	9440762	1.02	cps
Krypton	83-1	700	637	730	689	6.92	cps
Lead	206-1	6742	6568	6495	6602	1.92	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5338	5431	5495	5421	1.45	cps
Lead	208-1	25246	25136	24889	25091	0.73	cps
Lithium	6-1	2715943	2645006	2710705	2690551	1.47	cps
Magnesium	24-2	7024306	7151305	6935197	7036936	1.54	cps
Manganese	55-2	5084025	5111357	5043485	5079622	0.67	cps
Molybdenum	94-1	2434	2450	2464	2449	0.61	cps
Molybdenum	95-1	2100	1994	2177	2090	4.41	cps
Molybdenum	96-1	6475	6518	6318	6437	1.64	cps
Molybdenum	97-1	1250	1180	1247	1226	3.22	cps
Molybdenum	98-1	2727	2744	2780	2750	0.99	cps
Neodymium	150-1	120071	122035	120781	120963	0.82	cps
Neodymium	150-2	33254	33097	33024	33125	0.36	cps
Nickel	60-2	84496	83882	83362	83913	0.68	cps
Phosphorus	31-2	140	160	107	136	19.87	cps
Potassium	39-2	230014	226846	226493	227784	0.85	cps
Rhodium	103-1	7761904	7684498	7844507	7763636	1.03	cps
Rhodium	103-2	3363199	3339745	3355743	3352896	0.36	cps
Scandium	45-1	5954254	5887617	5836517	5892796	1.00	cps
Scandium	45-2	128844	129086	126215	128049	1.24	cps
Selenium	82-1	187	317	220	241	28.01	cps
Selenium	77-2	227	217	263	236	10.43	cps
Selenium	78-2	160	227	140	176	25.85	cps
Silicon	28-1	211832584	211237597	208317324	210462501	0.89	cps
Silver	107-1	340	367	370	359	4.58	cps
Silver	109-1	190	240	203	211	12.27	cps
Sodium	23-2	13754329	13498994	13475011	13576111	1.14	cps
Strontium	86-1	1556392	1562103	1568004	1562166	0.37	cps
Strontium	88-1	13267056	13422017	13264069	13317714	0.68	cps
Sulfur	34-1	13778243	13588104	13650087	13672145	0.71	cps
Terbium	159-1	9751441	9741142	9786165	9759582	0.24	cps
Terbium	159-2	3603215	3565696	3662286	3610399	1.35	cps
Thallium	203-1	570	593	577	580	2.07	cps
Thallium	205-1	1340	1477	1343	1387	5.62	cps
Tin	118-1	5328	5461	5708	5499	3.51	cps
Titanium	47-1	3921	4084	4031	4012	2.08	cps
Uranium	238-1	75395	75831	75309	75512	0.37	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:23:11 DataFile Name : 042AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	110693	110371	107315	109460	1.70	cps
Ytterbium	172-1	53892	54866	54214	54324	0.91	cps
Ytterbium	172-2	24616	24540	24282	24479	0.71	cps
Ytterbium	176-1	33927	33663	33462	33684	0.69	cps
Ytterbium	176-2	15509	15155	15596	15420	1.51	cps
Yttrium	89-1	18557990	18316335	18369097	18414474	0.69	cps
Yttrium	89-2	1574130	1527307	1542563	1548000	1.54	cps
Zinc	66-2	213223	212228	207964	211138	1.32	cps
Zirconium	90-1	3214	3280	3064	3186	3.48	cps
Zirconium	91-1	600	700	693	664	8.41	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2280	2360	2554	2398	5.86	cps
Antimony	121-1	353	383	367	368	4.09	cps
Arsenic	75-2	53	57	50	53	6.25	cps
Barium	135-1	189013	189347	191639	189999	0.75	cps
Barium	137-1	324155	329710	328545	327470	0.89	cps
Beryllium	9-1	163	159	167	163	2.56	cps
Bismuth	209-1	5373107	5409616	5394332	5392351	0.34	cps
Bismuth	209-2	2543301	2594984	2573814	2570700	1.01	cps
Bromine	81-1	30440	30593	29819	30284	1.35	cps
Cadmium	108-1	60	117	97	91	31.54	cps
Cadmium	106-1	5334	5361	5034	5243	3.46	cps
Cadmium	111-1	4402	4458	4200	4353	3.12	cps
Calcium	43-1	10610590	10743220	10775585	10709798	0.82	cps
Calcium	44-1	174988784	176461844	176131137	175860588	0.44	cps
Carbon	12-1	5141415	5120089	5166119	5142541	0.45	cps
Carbon	12-2	35603	35185	36041	35610	1.20	cps
Chlorine	35-1	227457	227118	227642	227405	0.12	cps
Chlorine	35-2	997	1073	993	1021	4.43	cps
Chromium	52-2	2007	2307	2040	2118	7.76	cps
Cobalt	59-2	250946	254293	247475	250904	1.36	cps
Copper	63-2	7936	7689	7769	7798	1.61	cps
Dysprosium	156-1	15426	16160	16267	15951	2.87	cps
Dysprosium	156-2	5695	5628	5848	5724	1.97	cps
Erbium	164-1	21391	21521	21043	21318	1.16	cps
Erbium	164-2	7802	7922	8133	7952	2.10	cps
Gadolinium	160-1	14428	15235	14361	14675	3.32	cps
Gadolinium	160-2	6932	6848	6545	6775	3.01	cps
Holmium	165-1	9467956	9496037	9132113	9365369	2.16	cps
Holmium	165-2	3766158	3749570	3763775	3759834	0.24	cps
Indium	115-1	8466654	8437534	8476527	8460238	0.24	cps
Indium	115-2	936198	943869	944735	941601	0.50	cps
Iron	54-2	8404204	8394633	8144923	8314587	1.77	cps
Iron	56-2	155101138	154396934	150082711	153193594	1.77	cps
Iron	57-2	3836563	3931476	3870438	3879492	1.24	cps
Krypton	83-1	420	427	440	429	2.37	cps
Lead	206-1	2254	2270	2317	2280	1.44	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1977	1937	2040	1985	2.63	cps
Lead	208-1	8715	8765	9055	8845	2.08	cps
Lithium	6-1	2642408	2617420	2629919	2629916	0.48	cps
Magnesium	24-2	4755391	4749962	4625117	4710157	1.56	cps
Manganese	55-2	4393161	4358909	4239976	4330682	1.86	cps
Molybdenum	94-1	1223	1313	1217	1251	4.32	cps
Molybdenum	95-1	723	737	780	747	3.97	cps
Molybdenum	96-1	2490	2660	2414	2521	5.01	cps
Molybdenum	97-1	433	310	380	374	16.52	cps
Molybdenum	98-1	750	800	773	774	3.23	cps
Neodymium	150-1	12683	13033	12446	12721	2.32	cps
Neodymium	150-2	3454	3434	3380	3423	1.11	cps
Nickel	60-2	41360	41641	40411	41137	1.57	cps
Phosphorus	31-2	127	117	83	109	20.84	cps
Potassium	39-2	210291	211804	207564	209886	1.02	cps
Rhodium	103-1	7685610	7615694	7569292	7623532	0.77	cps
Rhodium	103-2	3334337	3388070	3351787	3358065	0.82	cps
Scandium	45-1	5874972	5885372	5828124	5862823	0.52	cps
Scandium	45-2	129763	130099	129238	129700	0.33	cps
Selenium	82-1	67	77	77	73	7.87	cps
Selenium	77-2	33	13	20	22	45.83	cps
Selenium	78-2	53	63	80	66	20.55	cps
Silicon	28-1	118547895	120149282	118572815	119089997	0.77	cps
Silver	107-1	307	383	310	333	13.00	cps
Silver	109-1	257	277	320	284	11.38	cps
Sodium	23-2	17901264	17889882	17481883	17757676	1.35	cps
Strontium	86-1	1447053	1454543	1373831	1425142	3.13	cps
Strontium	88-1	12568227	12811316	12535119	12638221	1.19	cps
Sulfur	34-1	11700139	11763683	11734362	11732728	0.27	cps
Terbium	159-1	9706944	9851115	9794560	9784206	0.74	cps
Terbium	159-2	3635807	3690443	3660315	3662188	0.75	cps
Thallium	203-1	443	427	353	408	11.74	cps
Thallium	205-1	957	927	910	931	2.54	cps
Tin	118-1	5061	5034	5121	5072	0.88	cps
Titanium	47-1	2400	2247	2287	2311	3.44	cps
Uranium	238-1	6382	6325	5878	6195	4.45	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-14DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-24-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:26:26 DataFile Name : 043AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	27	40	30	32	21.53	cps
Ytterbium	172-1	5921	5655	5691	5756	2.51	cps
Ytterbium	172-2	2727	2687	2700	2705	0.75	cps
Ytterbium	176-1	4467	4604	4628	4566	1.89	cps
Ytterbium	176-2	1797	1707	1730	1745	2.68	cps
Yttrium	89-1	16222614	16692521	16002404	16305846	2.16	cps
Yttrium	89-2	1297441	1305325	1305147	1302638	0.35	cps
Zinc	66-2	238657	237734	230521	235638	1.89	cps
Zirconium	90-1	2400	2520	2434	2451	2.53	cps
Zirconium	91-1	447	493	517	486	7.34	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	521741	521700	518147	520529	0.40	cps
Antimony	121-1	497	440	453	463	6.39	cps
Arsenic	75-2	497	440	410	449	9.80	cps
Barium	135-1	186858	189864	187938	188220	0.81	cps
Barium	137-1	320189	327287	326423	324633	1.19	cps
Beryllium	9-1	1120	995	1031	1048	6.16	cps
Bismuth	209-1	5627832	5513124	5436568	5525841	1.74	cps
Bismuth	209-2	2636142	2646963	2639532	2640879	0.21	cps
Bromine	81-1	31709	31819	32267	31932	0.93	cps
Cadmium	108-1	87	90	107	94	11.35	cps
Cadmium	106-1	6125	6115	6165	6135	0.43	cps
Cadmium	111-1	4960	5104	5171	5078	2.12	cps
Calcium	43-1	6794174	6781169	6822585	6799309	0.31	cps
Calcium	44-1	111743675	110716538	109994965	110818393	0.79	cps
Carbon	12-1	5189378	5137599	5087985	5138321	0.99	cps
Carbon	12-2	35459	35767	35119	35448	0.91	cps
Chlorine	35-1	226301	226822	226311	226478	0.13	cps
Chlorine	35-2	1110	1013	1053	1059	4.59	cps
Chromium	52-2	5938	6178	5898	6005	2.52	cps
Cobalt	59-2	322002	320117	317543	319888	0.70	cps
Copper	63-2	194889	197047	193473	195136	0.92	cps
Dysprosium	156-1	99883	100289	101697	100623	0.95	cps
Dysprosium	156-2	38225	39658	37566	38483	2.78	cps
Erbium	164-1	119881	117758	119592	119077	0.97	cps
Erbium	164-2	45899	44741	44434	45025	1.72	cps
Gadolinium	160-1	99991	99461	101422	100291	1.01	cps
Gadolinium	160-2	46133	46367	45046	45849	1.54	cps
Holmium	165-1	9734374	9753071	9753934	9747126	0.11	cps
Holmium	165-2	3919454	3885595	3855043	3886697	0.83	cps
Indium	115-1	8821217	8679579	8544668	8681821	1.59	cps
Indium	115-2	965392	963951	955349	961564	0.56	cps
Iron	54-2	18567137	18358362	18236970	18387490	0.91	cps
Iron	56-2	348043701	345052062	337469675	343521813	1.59	cps
Iron	57-2	8538274	8626831	8481999	8549035	0.85	cps
Krypton	83-1	607	600	630	612	2.57	cps
Lead	206-1	4934	4691	4808	4811	2.53	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4344	4107	4014	4155	4.09	cps
Lead	208-1	19286	18742	18729	18919	1.68	cps
Lithium	6-1	2687001	2660301	2652570	2666624	0.68	cps
Magnesium	24-2	6228060	6151568	6181963	6187197	0.62	cps
Manganese	55-2	4270294	4248760	4158028	4225694	1.41	cps
Molybdenum	94-1	1680	1860	1910	1817	6.66	cps
Molybdenum	95-1	1107	1023	1123	1084	4.94	cps
Molybdenum	96-1	5551	5314	5241	5369	3.02	cps
Molybdenum	97-1	603	637	620	620	2.69	cps
Molybdenum	98-1	1383	1400	1373	1386	0.97	cps
Neodymium	150-1	99354	99035	99757	99382	0.36	cps
Neodymium	150-2	27465	26656	27194	27105	1.52	cps
Nickel	60-2	59537	58540	58553	58877	0.97	cps
Phosphorus	31-2	153	133	160	149	9.32	cps
Potassium	39-2	203832	205015	204238	204361	0.29	cps
Rhodium	103-1	8071095	8076743	8095582	8081140	0.16	cps
Rhodium	103-2	3462335	3461180	3408006	3443840	0.90	cps
Scandium	45-1	6255397	6087065	5988513	6110325	2.21	cps
Scandium	45-2	132606	133355	131899	132620	0.55	cps
Selenium	82-1	173	223	227	208	14.38	cps
Selenium	77-2	193	160	197	183	11.06	cps
Selenium	78-2	163	197	160	173	11.70	cps
Silicon	28-1	199215204	198109624	194553997	197292942	1.23	cps
Silver	107-1	320	290	290	300	5.77	cps
Silver	109-1	177	257	220	218	18.39	cps
Sodium	23-2	13190212	13194304	13034397	13139638	0.69	cps
Strontium	86-1	1194687	1209365	1222677	1208910	1.16	cps
Strontium	88-1	11136946	10891537	10888267	10972250	1.30	cps
Sulfur	34-1	11618256	11876190	11824394	11772947	1.16	cps
Terbium	159-1	10201997	10110101	10073981	10128693	0.65	cps
Terbium	159-2	3748346	3784953	3751248	3761515	0.54	cps
Thallium	203-1	487	470	457	471	3.19	cps
Thallium	205-1	1103	1237	1250	1197	6.78	cps
Tin	118-1	5242	5161	4958	5120	2.86	cps
Titanium	47-1	4167	4064	4077	4103	1.37	cps
Uranium	238-1	67361	67428	67461	67416	0.08	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:29:41 DataFile Name : 044AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	133199	132755	128846	131600	1.82	cps
Ytterbium	172-1	41585	41612	42488	41895	1.23	cps
Ytterbium	172-2	18910	18914	18870	18898	0.13	cps
Ytterbium	176-1	26573	25959	26219	26251	1.18	cps
Ytterbium	176-2	12533	12182	11795	12170	3.03	cps
Yttrium	89-1	18859826	18334591	18269049	18487822	1.75	cps
Yttrium	89-2	1553697	1528622	1563936	1548752	1.17	cps
Zinc	66-2	205105	207300	206346	206251	0.53	cps
Zirconium	90-1	2670	2594	2784	2683	3.56	cps
Zirconium	91-1	613	543	687	614	11.67	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	450057	448449	441652	446719	1.00	cps
Antimony	121-1	537	550	423	503	13.83	cps
Arsenic	75-2	430	423	470	441	5.72	cps
Barium	135-1	180027	181272	179307	180202	0.55	cps
Barium	137-1	306058	310224	303631	306638	1.09	cps
Beryllium	9-1	877	894	966	912	5.15	cps
Bismuth	209-1	5528936	5599550	5449682	5526056	1.36	cps
Bismuth	209-2	2552585	2572973	2538345	2554634	0.68	cps
Bromine	81-1	31729	31392	31525	31549	0.54	cps
Cadmium	108-1	73	73	57	68	14.19	cps
Cadmium	106-1	6041	5865	5845	5917	1.83	cps
Cadmium	111-1	4818	4591	4615	4674	2.67	cps
Calcium	43-1	7392787	7520388	7515820	7476332	0.97	cps
Calcium	44-1	124803888	123330078	122047048	123393671	1.12	cps
Carbon	12-1	4979126	4869565	4855937	4901542	1.38	cps
Carbon	12-2	33745	33836	33565	33715	0.41	cps
Chlorine	35-1	223117	222463	224999	223527	0.59	cps
Chlorine	35-2	970	1003	1027	1000	2.85	cps
Chromium	52-2	6278	6341	5951	6190	3.38	cps
Cobalt	59-2	283234	279491	275357	279361	1.41	cps
Copper	63-2	126239	126053	123888	125393	1.04	cps
Dysprosium	156-1	99819	99131	99547	99499	0.35	cps
Dysprosium	156-2	38064	37519	38104	37896	0.86	cps
Erbium	164-1	115533	116374	116882	116263	0.59	cps
Erbium	164-2	43360	43183	42097	42880	1.60	cps
Gadolinium	160-1	97573	98712	98839	98375	0.71	cps
Gadolinium	160-2	44965	45206	44012	44728	1.41	cps
Holmium	165-1	9624141	9671342	9610495	9635326	0.33	cps
Holmium	165-2	3843609	3792295	3786680	3807528	0.82	cps
Indium	115-1	8606307	8533807	8592213	8577442	0.45	cps
Indium	115-2	942057	938858	933629	938181	0.45	cps
Iron	54-2	17936658	17676759	17510931	17708116	1.21	cps
Iron	56-2	330010528	328991242	322373555	327125108	1.27	cps
Iron	57-2	8291978	8201088	8161774	8218280	0.81	cps
Krypton	83-1	603	557	657	606	8.26	cps
Lead	206-1	5378	5271	5448	5366	1.66	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4471	4401	4454	4442	0.82	cps
Lead	208-1	20880	20800	20680	20787	0.48	cps
Lithium	6-1	2579463	2618056	2604608	2600709	0.75	cps
Magnesium	24-2	6683176	6623112	6551603	6619297	1.00	cps
Manganese	55-2	4892212	4862195	4805524	4853310	0.91	cps
Molybdenum	94-1	2457	2240	2344	2347	4.62	cps
Molybdenum	95-1	1253	1397	1330	1327	5.41	cps
Molybdenum	96-1	5404	5211	4791	5135	6.11	cps
Molybdenum	97-1	743	797	690	743	7.18	cps
Molybdenum	98-1	1630	1593	1623	1616	1.21	cps
Neodymium	150-1	100151	100180	100100	100144	0.04	cps
Neodymium	150-2	27208	27127	26566	26967	1.30	cps
Nickel	60-2	71217	70574	69441	70411	1.28	cps
Phosphorus	31-2	150	200	190	180	14.70	cps
Potassium	39-2	203919	203196	200144	202420	0.99	cps
Rhodium	103-1	7828848	7870228	7964179	7887752	0.88	cps
Rhodium	103-2	3388771	3358718	3389121	3378870	0.52	cps
Scandium	45-1	6019993	5981102	5985187	5995427	0.36	cps
Scandium	45-2	129218	127691	126820	127910	0.95	cps
Selenium	82-1	233	203	163	200	17.56	cps
Selenium	77-2	183	187	210	193	7.51	cps
Selenium	78-2	177	143	170	163	10.80	cps
Silicon	28-1	188640291	186987324	184221151	186616255	1.20	cps
Silver	107-1	357	403	400	387	6.73	cps
Silver	109-1	263	227	310	267	15.66	cps
Sodium	23-2	13603475	13640965	13303529	13515989	1.37	cps
Strontium	86-1	1214463	1221405	1204101	1213323	0.72	cps
Strontium	88-1	11009552	11113950	11050787	11058096	0.48	cps
Sulfur	34-1	12216440	12213906	12209407	12213251	0.03	cps
Terbium	159-1	9672275	9685783	10030391	9796150	2.07	cps
Terbium	159-2	3681994	3664348	3684549	3676964	0.30	cps
Thallium	203-1	400	487	413	433	10.77	cps
Thallium	205-1	1090	1020	1080	1063	3.56	cps
Tin	118-1	5727	5311	5258	5432	4.73	cps
Titanium	47-1	12055	12165	11888	12036	1.16	cps
Uranium	238-1	61937	62107	63056	62366	0.97	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-18DLX5 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-26-040325 Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:32:57 DataFile Name : 045AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	195229	194939	190338	193502	1.42	cps
Ytterbium	172-1	39964	40465	39699	40043	0.97	cps
Ytterbium	172-2	18179	18236	18132	18183	0.29	cps
Ytterbium	176-1	25251	25144	25094	25163	0.32	cps
Ytterbium	176-2	11475	11312	11282	11356	0.92	cps
Yttrium	89-1	18434062	18102671	18092309	18209681	1.07	cps
Yttrium	89-2	1510517	1468218	1472085	1483607	1.58	cps
Zinc	66-2	175817	175370	172016	174401	1.19	cps
Zirconium	90-1	3781	4051	4187	4006	5.17	cps
Zirconium	91-1	940	833	873	882	6.11	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162058	161829	156030	159973	2.14	cps
Antimony	121-1	460	483	447	463	4.01	cps
Arsenic	75-2	353	317	313	328	6.77	cps
Barium	135-1	182602	181481	182518	182201	0.34	cps
Barium	137-1	310009	306504	322711	313075	2.72	cps
Beryllium	9-1	890	890	864	881	1.73	cps
Bismuth	209-1	5504075	5493384	5479429	5492296	0.23	cps
Bismuth	209-2	2607166	2561968	2571469	2580201	0.92	cps
Bromine	81-1	32511	31556	31008	31691	2.40	cps
Cadmium	108-1	93	90	83	89	5.73	cps
Cadmium	106-1	5711	5818	5751	5760	0.94	cps
Cadmium	111-1	4896	5093	5011	5000	1.98	cps
Calcium	43-1	8360234	8334295	8224323	8306284	0.87	cps
Calcium	44-1	136894048	136817301	134562935	136091428	0.97	cps
Carbon	12-1	4986601	5020299	5142159	5049686	1.62	cps
Carbon	12-2	34841	34277	34975	34698	1.07	cps
Chlorine	35-1	218157	216039	214366	216187	0.88	cps
Chlorine	35-2	917	987	990	964	4.29	cps
Chromium	52-2	3027	3094	2804	2975	5.11	cps
Cobalt	59-2	552971	550412	540757	548047	1.18	cps
Copper	63-2	106260	104910	102916	104696	1.61	cps
Dysprosium	156-1	72699	71781	71061	71847	1.14	cps
Dysprosium	156-2	27214	27001	26720	26978	0.92	cps
Erbium	164-1	93240	92267	91297	92268	1.05	cps
Erbium	164-2	33930	34394	33699	34008	1.04	cps
Gadolinium	160-1	71098	72087	71614	71600	0.69	cps
Gadolinium	160-2	32209	32824	32062	32365	1.25	cps
Holmium	165-1	9581513	9478994	9620100	9560202	0.76	cps
Holmium	165-2	3763646	3799795	3795638	3786360	0.52	cps
Indium	115-1	8565027	8699223	8384027	8549426	1.85	cps
Indium	115-2	934076	928928	923017	928674	0.60	cps
Iron	54-2	13270699	13363154	13133475	13255776	0.87	cps
Iron	56-2	247176530	245962010	242573783	245237441	0.97	cps
Iron	57-2	6263375	6237466	6049119	6183320	1.89	cps
Krypton	83-1	587	453	580	540	13.91	cps
Lead	206-1	3007	2977	2980	2988	0.55	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2404	2687	2417	2502	6.39	cps
Lead	208-1	11499	11992	11475	11656	2.50	cps
Lithium	6-1	2558221	2624129	2592943	2591764	1.27	cps
Magnesium	24-2	5341188	5258898	5198769	5266285	1.36	cps
Manganese	55-2	7876866	7770398	7730554	7792606	0.97	cps
Molybdenum	94-1	1350	1567	1520	1479	7.71	cps
Molybdenum	95-1	1030	1017	963	1003	3.52	cps
Molybdenum	96-1	3621	3701	3837	3719	2.95	cps
Molybdenum	97-1	347	460	407	404	14.02	cps
Molybdenum	98-1	913	897	860	890	3.07	cps
Neodymium	150-1	62863	64782	64641	64095	1.67	cps
Neodymium	150-2	17929	17555	17208	17564	2.05	cps
Nickel	60-2	57067	58058	56967	57364	1.05	cps
Phosphorus	31-2	170	123	163	152	16.58	cps
Potassium	39-2	211050	212399	208625	210691	0.91	cps
Rhodium	103-1	7848243	8067289	7857976	7924503	1.56	cps
Rhodium	103-2	3354413	3387528	3395737	3379226	0.65	cps
Scandium	45-1	5987797	5871702	6030364	5963288	1.38	cps
Scandium	45-2	126486	126615	126547	126550	0.05	cps
Selenium	82-1	127	300	133	187	52.61	cps
Selenium	77-2	90	110	133	111	19.52	cps
Selenium	78-2	113	113	103	110	5.24	cps
Silicon	28-1	169158577	172324814	172897584	171460325	1.17	cps
Silver	107-1	320	267	327	304	10.80	cps
Silver	109-1	213	157	237	202	20.34	cps
Sodium	23-2	9959532	9934595	9877695	9923941	0.42	cps
Strontium	86-1	1663115	1647068	1674671	1661618	0.83	cps
Strontium	88-1	14180536	14223090	14360930	14254852	0.66	cps
Sulfur	34-1	10974348	11181324	11041874	11065849	0.95	cps
Terbium	159-1	9840689	9790879	9749864	9793811	0.46	cps
Terbium	159-2	3701082	3655205	3637833	3664707	0.89	cps
Thallium	203-1	437	463	417	439	5.33	cps
Thallium	205-1	1177	1233	1153	1188	3.46	cps
Tin	118-1	5084	9880	5144	6703	41.05	cps
Titanium	47-1	3207	3377	3204	3263	3.04	cps
Uranium	238-1	43668	44441	43789	43966	0.95	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:36:11 DataFile Name : 046AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17264	17157	17114	17178	0.45	cps
Ytterbium	172-1	34779	34094	34903	34592	1.26	cps
Ytterbium	172-2	15472	15679	15649	15600	0.72	cps
Ytterbium	176-1	21791	21902	22359	22017	1.37	cps
Ytterbium	176-2	9967	9877	9904	9916	0.47	cps
Yttrium	89-1	18033462	17643504	18100270	17925745	1.38	cps
Yttrium	89-2	1381748	1382381	1363903	1376011	0.76	cps
Zinc	66-2	196935	197408	191860	195401	1.57	cps
Zirconium	90-1	2390	2707	2644	2580	6.50	cps
Zirconium	91-1	467	590	560	539	11.94	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162550	159579	160606	160912	0.94	cps
Antimony	121-1	440	357	587	461	25.25	cps
Arsenic	75-2	343	290	323	319	8.45	cps
Barium	135-1	180039	180248	182370	180886	0.71	cps
Barium	137-1	314444	314159	314309	314304	0.05	cps
Beryllium	9-1	873	891	893	885	1.20	cps
Bismuth	209-1	5456171	5535210	5372735	5454705	1.49	cps
Bismuth	209-2	2518642	2496379	2533248	2516090	0.74	cps
Bromine	81-1	31218	31689	30911	31273	1.25	cps
Cadmium	108-1	87	97	123	102	18.54	cps
Cadmium	106-1	5628	5965	5821	5805	2.91	cps
Cadmium	111-1	4899	5061	5039	4999	1.76	cps
Calcium	43-1	8203803	8360095	8242719	8268872	0.98	cps
Calcium	44-1	135473855	136058028	135906731	135812871	0.22	cps
Carbon	12-1	5131777	5157761	5193491	5161009	0.60	cps
Carbon	12-2	35112	35596	35085	35264	0.82	cps
Chlorine	35-1	213258	215158	215457	214624	0.56	cps
Chlorine	35-2	890	937	897	908	2.78	cps
Chromium	52-2	3247	3017	2930	3065	5.34	cps
Cobalt	59-2	557462	556074	545067	552868	1.23	cps
Copper	63-2	106452	105388	103866	105235	1.23	cps
Dysprosium	156-1	71728	73574	71382	72228	1.63	cps
Dysprosium	156-2	27285	27512	26974	27257	0.99	cps
Erbium	164-1	91462	91213	91760	91478	0.30	cps
Erbium	164-2	33943	34324	33793	34020	0.81	cps
Gadolinium	160-1	70589	71762	71842	71397	0.98	cps
Gadolinium	160-2	32339	32947	32807	32698	0.97	cps
Holmium	165-1	9452234	9426687	9660157	9513026	1.35	cps
Holmium	165-2	3695947	3754170	3753542	3734553	0.90	cps
Indium	115-1	8324346	8553864	8321150	8399787	1.59	cps
Indium	115-2	917103	915265	924443	918937	0.53	cps
Iron	54-2	13424816	13461693	13150004	13345505	1.28	cps
Iron	56-2	246251763	245276443	245684683	245737630	0.20	cps
Iron	57-2	6297459	6286918	6145176	6243184	1.36	cps
Krypton	83-1	567	563	500	543	6.91	cps
Lead	206-1	3320	3200	3320	3280	2.11	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUPI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2700	2774	2830	2768	2.36	cps
Lead	208-1	13039	12756	13046	12947	1.28	cps
Lithium	6-1	2555268	2591722	2533159	2560050	1.16	cps
Magnesium	24-2	5326660	5323958	5264250	5304956	0.67	cps
Manganese	55-2	7868082	7781489	7808442	7819338	0.57	cps
Molybdenum	94-1	1483	1590	1607	1560	4.29	cps
Molybdenum	95-1	970	970	927	956	2.62	cps
Molybdenum	96-1	3647	3644	3901	3731	3.95	cps
Molybdenum	97-1	487	463	373	441	13.57	cps
Molybdenum	98-1	927	830	890	882	5.53	cps
Neodymium	150-1	63503	65294	63784	64194	1.50	cps
Neodymium	150-2	17078	17455	17375	17302	1.15	cps
Nickel	60-2	58232	57880	56706	57606	1.39	cps
Phosphorus	31-2	107	120	103	110	8.02	cps
Potassium	39-2	213211	212613	210672	212166	0.63	cps
Rhodium	103-1	7787278	7881698	7701199	7790058	1.16	cps
Rhodium	103-2	3359348	3345013	3374051	3359471	0.43	cps
Scandium	45-1	5868291	5860362	5877709	5868787	0.15	cps
Scandium	45-2	126672	126067	125892	126210	0.32	cps
Selenium	82-1	207	253	263	241	12.54	cps
Selenium	77-2	123	103	93	107	14.33	cps
Selenium	78-2	103	127	120	117	10.30	cps
Silicon	28-1	172610621	170440831	168436071	170495841	1.22	cps
Silver	107-1	243	333	267	281	16.61	cps
Silver	109-1	170	220	217	202	13.82	cps
Sodium	23-2	10018809	9989804	9803934	9937516	1.17	cps
Strontium	86-1	1672258	1675106	1674590	1673985	0.09	cps
Strontium	88-1	14204467	14351952	14304176	14286865	0.53	cps
Sulfur	34-1	10795856	11191304	11221298	11069486	2.15	cps
Terbium	159-1	9759147	10004371	9789519	9851013	1.36	cps
Terbium	159-2	3639493	3590186	3587978	3605886	0.81	cps
Thallium	203-1	403	440	450	431	5.70	cps
Thallium	205-1	1277	1103	1087	1156	9.11	cps
Tin	118-1	5078	5318	5264	5220	2.42	cps
Titanium	47-1	3200	3197	3154	3184	0.82	cps
Uranium	238-1	43364	43949	44126	43813	0.91	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20DUPDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325DUP Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:39:28 DataFile Name : 047AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17010	17244	17197	17150	0.72	cps
Ytterbium	172-1	34729	35150	34512	34797	0.93	cps
Ytterbium	172-2	16000	15646	15239	15628	2.44	cps
Ytterbium	176-1	22135	22259	22506	22300	0.85	cps
Ytterbium	176-2	9927	9887	9687	9834	1.31	cps
Yttrium	89-1	17595824	17665773	17534098	17598565	0.37	cps
Yttrium	89-2	1366603	1368764	1366507	1367292	0.09	cps
Zinc	66-2	197957	195144	194783	195961	0.89	cps
Zirconium	90-1	2820	2787	2724	2777	1.77	cps
Zirconium	91-1	500	713	573	596	18.20	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34274	33469	33338	33693	1.50	cps
Antimony	121-1	213	200	200	204	3.77	cps
Arsenic	75-2	67	57	73	66	12.79	cps
Barium	135-1	37425	37301	36884	37203	0.76	cps
Barium	137-1	62992	64108	63059	63386	0.99	cps
Beryllium	9-1	288	273	218	260	14.12	cps
Bismuth	209-1	5492661	5557530	5668543	5572911	1.60	cps
Bismuth	209-2	2624906	2585286	2550121	2586771	1.45	cps
Bromine	81-1	32134	31977	31449	31853	1.13	cps
Cadmium	108-1	27	33	30	30	11.10	cps
Cadmium	106-1	5411	5474	5214	5367	2.53	cps
Cadmium	111-1	4029	4079	3889	3999	2.46	cps
Calcium	43-1	1767443	1701715	1760788	1743315	2.08	cps
Calcium	44-1	28445654	27856146	28159210	28153670	1.05	cps
Carbon	12-1	4978350	4833042	4750976	4854122	2.37	cps
Carbon	12-2	32085	32011	30996	31697	1.92	cps
Chlorine	35-1	210122	208595	209271	209329	0.37	cps
Chlorine	35-2	1013	890	883	929	7.88	cps
Chromium	52-2	2144	1953	1920	2006	6.01	cps
Cobalt	59-2	117110	115242	113038	115130	1.77	cps
Copper	63-2	24324	24351	23643	24106	1.66	cps
Dysprosium	156-1	14348	14485	14631	14488	0.98	cps
Dysprosium	156-2	5721	5821	5598	5713	1.96	cps
Erbium	164-1	18566	18510	18460	18512	0.29	cps
Erbium	164-2	6782	6782	6768	6777	0.11	cps
Gadolinium	160-1	14431	14408	14825	14555	1.61	cps
Gadolinium	160-2	6692	6578	6578	6616	0.99	cps
Holmium	165-1	9432638	9356896	9643352	9477628	1.57	cps
Holmium	165-2	3833228	3696187	3666965	3732127	2.38	cps
Indium	115-1	8551609	8548034	8595055	8564899	0.31	cps
Indium	115-2	947674	939085	925363	937374	1.20	cps
Iron	54-2	2845410	2818327	2736236	2799991	2.03	cps
Iron	56-2	51829544	51409963	49865453	51034986	2.03	cps
Iron	57-2	1272241	1247967	1218234	1246147	2.17	cps
Krypton	83-1	423	363	430	406	9.05	cps
Lead	206-1	1577	1600	1480	1552	4.10	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1207	1280	1260	1249	3.04	cps
Lead	208-1	5934	6091	5971	5998	1.37	cps
Lithium	6-1	2584116	2673270	2614707	2624031	1.73	cps
Magnesium	24-2	1118558	1105603	1086758	1103640	1.45	cps
Manganese	55-2	1663647	1645687	1593071	1634135	2.24	cps
Molybdenum	94-1	917	1000	850	922	8.15	cps
Molybdenum	95-1	393	413	427	411	4.08	cps
Molybdenum	96-1	1037	1200	1070	1102	7.83	cps
Molybdenum	97-1	240	287	263	263	8.86	cps
Molybdenum	98-1	547	470	467	494	9.15	cps
Neodymium	150-1	12916	13066	12693	12892	1.46	cps
Neodymium	150-2	3537	3614	3450	3534	2.31	cps
Nickel	60-2	12886	12859	12706	12817	0.76	cps
Phosphorus	31-2	117	110	123	117	5.72	cps
Potassium	39-2	61567	61497	61480	61515	0.08	cps
Rhodium	103-1	8104672	8096938	8041724	8081111	0.42	cps
Rhodium	103-2	3498461	3425106	3463700	3462422	1.06	cps
Scandium	45-1	5989411	5918423	5906256	5938030	0.76	cps
Scandium	45-2	131666	127328	125004	127999	2.64	cps
Selenium	82-1	77	130	-7	67	103.32	cps
Selenium	77-2	13	33	40	29	48.05	cps
Selenium	78-2	57	33	17	36	56.51	cps
Silicon	28-1	36001022	36137070	35612249	35916781	0.76	cps
Silver	107-1	273	250	330	284	14.47	cps
Silver	109-1	240	227	243	237	3.73	cps
Sodium	23-2	2174266	2124296	2105393	2134652	1.67	cps
Strontium	86-1	318339	320663	320976	319993	0.45	cps
Strontium	88-1	2963140	2925793	2925176	2938037	0.74	cps
Sulfur	34-1	2856394	2885404	2793790	2845196	1.65	cps
Terbium	159-1	9802901	9877661	9740833	9807132	0.70	cps
Terbium	159-2	3698382	3629931	3599091	3642468	1.40	cps
Thallium	203-1	323	297	350	323	8.25	cps
Thallium	205-1	653	620	720	664	7.66	cps
Tin	118-1	4321	4524	4347	4397	2.51	cps
Titanium	47-1	947	867	1110	974	12.73	cps
Uranium	238-1	8823	8640	8877	8780	1.41	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20LDLX25 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325LDL Dilution Factor : 25
Date & Time Acquired : 2025-04-10 16:42:43 DataFile Name : 048AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3514	3550	3334	3466	3.35	cps
Ytterbium	172-1	7305	7202	6955	7154	2.51	cps
Ytterbium	172-2	3327	3150	3004	3160	5.12	cps
Ytterbium	176-1	5124	5431	5198	5251	3.05	cps
Ytterbium	176-2	2377	2274	2144	2265	5.16	cps
Yttrium	89-1	16239619	16242251	16049919	16177263	0.68	cps
Yttrium	89-2	1280598	1259316	1243491	1261135	1.48	cps
Zinc	66-2	42968	41517	41206	41897	2.24	cps
Zirconium	90-1	1650	1917	1777	1781	7.49	cps
Zirconium	91-1	343	387	343	358	6.99	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5773056	5806480	5752933	5777490	0.47	cps
Antimony	121-1	15043059	15331009	15407421	15260497	1.26	cps
Arsenic	75-2	360065	361220	359711	360332	0.22	cps
Barium	135-1	18107821	18691646	18662748	18487405	1.78	cps
Barium	137-1	30978957	31567856	31599331	31382048	1.11	cps
Beryllium	9-1	3757115	3769816	3833029	3786653	1.07	cps
Bismuth	209-1	4632151	4707554	4695554	4678419	0.87	cps
Bismuth	209-2	2221074	2229956	2208583	2219871	0.48	cps
Bromine	81-1	28269	29414	28088	28590	2.52	cps
Cadmium	108-1	292128	295247	294350	293908	0.55	cps
Cadmium	106-1	420733	420666	425047	422149	0.59	cps
Cadmium	111-1	3710300	3805545	3761445	3759097	1.27	cps
Calcium	43-1	25694321	25071024	25058590	25274645	1.44	cps
Calcium	44-1	414165127	412861074	413031327	413352509	0.17	cps
Carbon	12-1	5472585	5551545	5514246	5512792	0.72	cps
Carbon	12-2	43551	42662	43604	43272	1.22	cps
Chlorine	35-1	268205	269166	269907	269093	0.32	cps
Chlorine	35-2	1327	1297	1260	1295	2.58	cps
Chromium	52-2	3817310	3762265	3769740	3783105	0.79	cps
Cobalt	59-2	6495846	6553016	6455063	6501308	0.76	cps
Copper	63-2	49916591	49841673	49676531	49811598	0.25	cps
Dysprosium	156-1	660	753	717	710	6.62	cps
Dysprosium	156-2	227	217	197	213	7.16	cps
Erbium	164-1	740	650	627	672	8.90	cps
Erbium	164-2	333	237	223	264	22.70	cps
Gadolinium	160-1	453	517	537	502	8.66	cps
Gadolinium	160-2	210	247	227	228	8.06	cps
Holmium	165-1	8545464	8828357	8864171	8745997	2.00	cps
Holmium	165-2	3541358	3491503	3452307	3495056	1.28	cps
Indium	115-1	7096450	7230239	7261531	7196073	1.22	cps
Indium	115-2	785000	785672	785329	785334	0.04	cps
Iron	54-2	37363463	36987099	36823600	37058054	0.75	cps
Iron	56-2	683470950	676987710	682001737	680820132	0.50	cps
Iron	57-2	17157284	17316198	17040871	17171451	0.80	cps
Krypton	83-1	457	363	413	411	11.36	cps
Lead	206-1	49097039	49753993	51160379	50003804	2.11	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41616961	42740159	43522526	42626549	2.25	cps
Lead	208-1	192290432	197146570	199319457	196252153	1.83	cps
Lithium	6-1	2285208	2315444	2424568	2341740	3.13	cps
Magnesium	24-2	102289548	102984868	100586455	101953624	1.21	cps
Manganese	55-2	16000951	15960112	15845002	15935355	0.51	cps
Molybdenum	94-1	55877606	56160199	56250174	56095993	0.35	cps
Molybdenum	95-1	80032177	81301982	81936364	81090174	1.20	cps
Molybdenum	96-1	87592629	88559465	88652045	88268046	0.66	cps
Molybdenum	97-1	49429054	50179654	50214639	49941116	0.89	cps
Molybdenum	98-1	127048965	129924825	130558531	129177440	1.45	cps
Neodymium	150-1	1450	1383	1403	1412	2.42	cps
Neodymium	150-2	120	117	120	119	1.62	cps
Nickel	60-2	1810622	1810270	1788077	1802989	0.72	cps
Phosphorus	31-2	59608	59150	59160	59306	0.44	cps
Potassium	39-2	37176018	37106635	37106364	37129672	0.11	cps
Rhodium	103-1	6617285	6711479	6708403	6679056	0.80	cps
Rhodium	103-2	2902403	2901230	2840898	2881510	1.22	cps
Scandium	45-1	5244238	5259536	5309612	5271129	0.65	cps
Scandium	45-2	119807	118863	117549	118740	0.96	cps
Selenium	82-1	222645	225204	227114	224988	1.00	cps
Selenium	77-2	4984	4841	4574	4800	4.34	cps
Selenium	78-2	15746	15742	15716	15734	0.10	cps
Silicon	28-1	9090864	9298301	9214760	9201308	1.13	cps
Silver	107-1	18520272	18565967	18575727	18553988	0.16	cps
Silver	109-1	17342694	17685639	17633016	17553783	1.05	cps
Sodium	23-2	211288857	208789270	208950397	209676175	0.67	cps
Strontium	86-1	5167704	5364107	5246591	5259467	1.88	cps
Strontium	88-1	45397518	46279784	45695908	45791070	0.98	cps
Sulfur	34-1	1895723	1893809	1847930	1879154	1.44	cps
Terbium	159-1	9019234	9009025	8986922	9005060	0.18	cps
Terbium	159-2	3471515	3389251	3396459	3419075	1.33	cps
Thallium	203-1	12239446	12242378	12365654	12282493	0.59	cps
Thallium	205-1	28683600	29037992	29397013	29039535	1.23	cps
Tin	118-1	12423925	12556265	12646633	12542274	0.89	cps
Titanium	47-1	23172245	23267145	23247742	23229044	0.22	cps
Uranium	238-1	37391468	38502192	38369268	38087642	1.59	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV03 Instrumnet Name : P8
Client Sample ID : CCV03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:46:56 DataFile Name : 049CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2879302	2844300	2861823	2861808	0.61	cps
Ytterbium	172-1	883	977	1023	961	7.42	cps
Ytterbium	172-2	437	410	410	419	3.68	cps
Ytterbium	176-1	60766	62571	62373	61903	1.60	cps
Ytterbium	176-2	24456	23842	23975	24091	1.34	cps
Yttrium	89-1	14073662	14393080	14145898	14204213	1.18	cps
Yttrium	89-2	1142972	1151292	1134883	1143049	0.72	cps
Zinc	66-2	5722184	5718234	5782916	5741112	0.63	cps
Zirconium	90-1	28287051	28591741	28101590	28326794	0.87	cps
Zirconium	91-1	6238108	6271537	6285966	6265204	0.39	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	543	440	490	491	10.52	cps
Antimony	121-1	3637	2980	2504	3040	18.72	cps
Arsenic	75-2	3	10	7	7	50.03	cps
Barium	135-1	623	550	507	560	10.53	cps
Barium	137-1	1057	840	793	897	15.67	cps
Beryllium	9-1	408	334	346	363	10.95	cps
Bismuth	209-1	5813232	5791733	5653728	5752897	1.50	cps
Bismuth	209-2	2659936	2618441	2664664	2647680	0.96	cps
Bromine	81-1	29317	29374	29474	29389	0.27	cps
Cadmium	108-1	47	43	17	36	46.24	cps
Cadmium	106-1	5214	5384	5111	5237	2.64	cps
Cadmium	111-1	3814	3875	3666	3785	2.84	cps
Calcium	43-1	2617	2524	2397	2512	4.40	cps
Calcium	44-1	60560	59131	58489	59393	1.79	cps
Carbon	12-1	4523132	4475929	4388470	4462510	1.53	cps
Carbon	12-2	28648	28381	28538	28522	0.47	cps
Chlorine	35-1	205730	206962	206610	206434	0.31	cps
Chlorine	35-2	777	950	850	859	10.13	cps
Chromium	52-2	1690	1643	1807	1713	4.91	cps
Cobalt	59-2	170	207	170	182	11.62	cps
Copper	63-2	3137	3020	2987	3048	2.58	cps
Dysprosium	156-1	7	23	10	13	66.12	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	73	60	40	58	29.04	cps
Erbium	164-2	17	37	27	27	37.50	cps
Gadolinium	160-1	50	80	67	66	22.93	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	9515322	9652461	9577638	9581807	0.72	cps
Holmium	165-2	3783096	3754964	3769076	3769046	0.37	cps
Indium	115-1	8450930	8480133	8553637	8494900	0.62	cps
Indium	115-2	925887	939671	937649	934402	0.80	cps
Iron	54-2	1493	1420	1467	1460	2.54	cps
Iron	56-2	21109	20325	20712	20715	1.89	cps
Iron	57-2	570	420	477	489	15.49	cps
Krypton	83-1	393	307	290	330	16.81	cps
Lead	206-1	3517	3077	2790	3128	11.70	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3117	2814	2477	2803	11.43	cps
Lead	208-1	14030	12399	11099	12509	11.74	cps
Lithium	6-1	2755841	2798503	2759388	2771244	0.85	cps
Magnesium	24-2	1790	1687	1573	1683	6.44	cps
Manganese	55-2	1130	1217	1173	1173	3.69	cps
Molybdenum	94-1	3357	2740	2460	2853	16.09	cps
Molybdenum	95-1	3257	2737	2420	2805	15.06	cps
Molybdenum	96-1	3477	2720	2220	2806	22.55	cps
Molybdenum	97-1	2000	1403	1293	1566	24.29	cps
Molybdenum	98-1	4968	3657	2980	3868	26.12	cps
Neodymium	150-1	7	10	20	12	56.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	947	997	990	978	2.78	cps
Phosphorus	31-2	87	113	90	97	15.03	cps
Potassium	39-2	27319	26888	27162	27123	0.80	cps
Rhodium	103-1	8077994	8184667	7980932	8081198	1.26	cps
Rhodium	103-2	3479400	3499126	3490287	3489604	0.28	cps
Scandium	45-1	5608677	5570882	5642670	5607410	0.64	cps
Scandium	45-2	121118	121790	121841	121583	0.33	cps
Selenium	82-1	-67	7	153	31	360.05	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	30	17	33	27	33.06	cps
Silicon	28-1	528985	542176	524315	531825	1.74	cps
Silver	107-1	2454	1877	1747	2026	18.57	cps
Silver	109-1	2360	1837	1587	1928	20.47	cps
Sodium	23-2	75675	75866	74804	75448	0.75	cps
Strontium	86-1	860	673	840	791	12.96	cps
Strontium	88-1	1977	1713	1597	1762	11.05	cps
Sulfur	34-1	654829	664192	669797	662939	1.14	cps
Terbium	159-1	9953491	9806691	10072440	9944207	1.34	cps
Terbium	159-2	3706940	3649129	3661884	3672651	0.83	cps
Thallium	203-1	1033	967	873	958	8.39	cps
Thallium	205-1	2687	2214	2100	2334	13.34	cps
Tin	118-1	4824	4521	4567	4638	3.52	cps
Titanium	47-1	950	787	717	818	14.64	cps
Uranium	238-1	1163	917	733	938	23.01	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB03 Instrumnet Name : P8
Client Sample ID : CCB03 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 16:49:44 DataFile Name : 050CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	57	63	40	53	22.53	cps
Ytterbium	172-1	37	63	40	47	31.13	cps
Ytterbium	172-2	13	33	17	21	50.75	cps
Ytterbium	176-1	1213	1093	1223	1177	6.15	cps
Ytterbium	176-2	217	227	223	222	2.29	cps
Yttrium	89-1	15714318	15497546	15594041	15601968	0.70	cps
Yttrium	89-2	1197376	1210259	1206624	1204753	0.55	cps
Zinc	66-2	3044	2837	2994	2958	3.65	cps
Zirconium	90-1	3957	3410	4349	3905	12.07	cps
Zirconium	91-1	880	777	777	811	7.36	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371444	372903	379006	374451	1.07	cps
Antimony	121-1	3244320	3268044	3225608	3245991	0.66	cps
Arsenic	75-2	340	293	283	306	9.90	cps
Barium	135-1	3638369	3781461	3696040	3705290	1.94	cps
Barium	137-1	6166859	6367968	6249686	6261504	1.61	cps
Beryllium	9-1	811141	810870	809568	810526	0.10	cps
Bismuth	209-1	5301085	5474719	5393785	5389863	1.61	cps
Bismuth	209-2	2490002	2501862	2484601	2492155	0.35	cps
Bromine	81-1	31485	31930	31502	31639	0.80	cps
Cadmium	108-1	60402	60164	61105	60557	0.81	cps
Cadmium	106-1	94765	95501	94068	94778	0.76	cps
Cadmium	111-1	781464	786518	780668	782883	0.41	cps
Calcium	43-1	8777790	8818438	8650273	8748834	1.00	cps
Calcium	44-1	144348935	143689861	140729625	142922807	1.35	cps
Carbon	12-1	4940150	4955050	5035389	4976863	1.03	cps
Carbon	12-2	35530	33879	35673	35027	2.85	cps
Chlorine	35-1	19150175	20831210	21462225	20481203	5.84	cps
Chlorine	35-2	105014	107478	108540	107011	1.69	cps
Chromium	52-2	720733	720046	731733	724171	0.91	cps
Cobalt	59-2	1917163	1935158	1943005	1931776	0.69	cps
Copper	63-2	10940303	10633589	10675082	10749658	1.55	cps
Dysprosium	156-1	67660	68662	68561	68294	0.81	cps
Dysprosium	156-2	26159	26369	26092	26207	0.55	cps
Erbium	164-1	86747	87784	87932	87488	0.74	cps
Erbium	164-2	33128	32774	33395	33099	0.94	cps
Gadolinium	160-1	67379	69473	67905	68252	1.60	cps
Gadolinium	160-2	30993	31023	30882	30966	0.24	cps
Holmium	165-1	9573083	9413776	9544836	9510565	0.89	cps
Holmium	165-2	3800644	3773343	3769963	3781317	0.44	cps
Indium	115-1	8299718	8290624	8350919	8313754	0.39	cps
Indium	115-2	906624	905976	912264	908288	0.38	cps
Iron	54-2	13704779	13756806	14157464	13873017	1.79	cps
Iron	56-2	253276543	259460403	258527189	257088045	1.30	cps
Iron	57-2	6423029	6445735	6500707	6456490	0.62	cps
Krypton	83-1	607	587	623	606	3.03	cps
Lead	206-1	10763571	10705615	10786922	10752036	0.39	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	9256866	9282503	9243619	9260996	0.21	cps
Lead	208-1	42329204	42584409	42421623	42445079	0.30	cps
Lithium	6-1	2629439	2711269	2670881	2670530	1.53	cps
Magnesium	24-2	9194172	9112136	9194618	9166976	0.52	cps
Manganese	55-2	10541864	10633560	10792432	10655952	1.19	cps
Molybdenum	94-1	5420514	5357980	5525380	5434625	1.56	cps
Molybdenum	95-1	6019831	5894558	6089191	6001193	1.64	cps
Molybdenum	96-1	6776101	6646841	6847541	6756828	1.51	cps
Molybdenum	97-1	3660858	3702820	3814520	3726066	2.13	cps
Molybdenum	98-1	9756239	9615974	9711573	9694595	0.74	cps
Neodymium	150-1	59652	62478	60639	60923	2.35	cps
Neodymium	150-2	16507	16827	16190	16508	1.93	cps
Nickel	60-2	407357	411850	413557	410921	0.78	cps
Phosphorus	31-2	137	167	110	138	20.58	cps
Potassium	39-2	1586499	1583610	1577832	1582647	0.28	cps
Rhodium	103-1	7585368	7543849	7754952	7628056	1.47	cps
Rhodium	103-2	3284471	3237161	3333007	3284880	1.46	cps
Scandium	45-1	5771620	5765445	5802806	5779957	0.35	cps
Scandium	45-2	123014	122849	122725	122863	0.12	cps
Selenium	82-1	48586	48994	50068	49216	1.56	cps
Selenium	77-2	1100	1173	1107	1127	3.60	cps
Selenium	78-2	3500	3687	3404	3530	4.08	cps
Silicon	28-1	158837698	159464024	160470091	159590604	0.52	cps
Silver	107-1	658505	656084	668145	660911	0.97	cps
Silver	109-1	609390	632932	613916	618746	2.02	cps
Sodium	23-2	17789059	17826284	17772040	17795794	0.16	cps
Strontium	86-1	2808961	2933137	2865560	2869220	2.17	cps
Strontium	88-1	24401798	24993608	24777436	24724281	1.21	cps
Sulfur	34-1	10198944	10339365	10122419	10220243	1.08	cps
Terbium	159-1	9707216	9935776	10044009	9895667	1.74	cps
Terbium	159-2	3588981	3618708	3622248	3609979	0.51	cps
Thallium	203-1	2660277	2667648	2695912	2674612	0.70	cps
Thallium	205-1	6177424	6176977	6181043	6178481	0.04	cps
Tin	118-1	2429713	2430592	2456059	2438788	0.61	cps
Titanium	47-1	4721	4731	4854	4769	1.56	cps
Uranium	238-1	7662669	7923867	7630909	7739149	2.08	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:53:12 DataFile Name : 051AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	591095	588278	600301	593224	1.06	cps
Ytterbium	172-1	32934	33459	33709	33368	1.19	cps
Ytterbium	172-2	14652	14715	15182	14850	1.95	cps
Ytterbium	176-1	32864	33616	33355	33279	1.15	cps
Ytterbium	176-2	13510	14248	14241	14000	3.03	cps
Yttrium	89-1	17509395	17208908	17170027	17296110	1.07	cps
Yttrium	89-2	1349937	1348390	1355550	1351292	0.28	cps
Zinc	66-2	1371987	1352599	1372912	1365833	0.84	cps
Zirconium	90-1	5784580	5730065	5665821	5726822	1.04	cps
Zirconium	91-1	1226034	1232379	1224974	1227796	0.33	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	377365	380808	376290	378154	0.62	cps
Antimony	121-1	3190139	3189179	3230477	3203265	0.74	cps
Arsenic	75-2	283	280	430	331	25.87	cps
Barium	135-1	3650667	3701274	3776549	3709497	1.71	cps
Barium	137-1	6254748	6282263	6261960	6266324	0.23	cps
Beryllium	9-1	808990	811041	813746	811259	0.29	cps
Bismuth	209-1	5248646	5248646	5319750	5272348	0.78	cps
Bismuth	209-2	2477978	2544642	2477678	2500099	1.54	cps
Bromine	81-1	32277	32077	32407	32254	0.52	cps
Cadmium	108-1	58915	60110	59896	59640	1.07	cps
Cadmium	106-1	95450	95038	96145	95545	0.59	cps
Cadmium	111-1	784627	783703	786463	784931	0.18	cps
Calcium	43-1	8917390	8946723	8932797	8932303	0.16	cps
Calcium	44-1	147435964	148762051	144061661	146753226	1.65	cps
Carbon	12-1	5336321	5347537	5281008	5321622	0.67	cps
Carbon	12-2	36509	37474	36729	36904	1.37	cps
Chlorine	35-1	20360577	22205836	23012156	21859523	6.22	cps
Chlorine	35-2	110840	112251	113605	112232	1.23	cps
Chromium	52-2	730773	743419	733323	735839	0.91	cps
Cobalt	59-2	1984013	1945030	2014218	1981087	1.75	cps
Copper	63-2	10954047	10979676	11017919	10983881	0.29	cps
Dysprosium	156-1	67757	67439	67647	67614	0.24	cps
Dysprosium	156-2	26673	25671	25805	26050	2.09	cps
Erbium	164-1	86556	86478	86724	86586	0.14	cps
Erbium	164-2	32957	32670	32079	32569	1.38	cps
Gadolinium	160-1	67362	66870	67858	67363	0.73	cps
Gadolinium	160-2	30341	31150	30822	30771	1.32	cps
Holmium	165-1	9234633	9275295	9427495	9312475	1.09	cps
Holmium	165-2	3721715	3754835	3673024	3716525	1.11	cps
Indium	115-1	8082156	8197613	8131816	8137195	0.71	cps
Indium	115-2	897891	908951	898094	901645	0.70	cps
Iron	54-2	14047355	14044788	13981826	14024656	0.26	cps
Iron	56-2	260835336	260043736	255941576	258940216	1.01	cps
Iron	57-2	6462359	6563693	6586963	6537672	1.01	cps
Krypton	83-1	477	550	577	534	9.69	cps
Lead	206-1	10402163	10462617	10752200	10538993	1.78	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSD Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8868222	9032802	9246128	9049051	2.09	cps
Lead	208-1	40987716	41522249	42194807	41568258	1.46	cps
Lithium	6-1	2633915	2591670	2648825	2624803	1.13	cps
Magnesium	24-2	9269657	9442077	9180599	9297444	1.43	cps
Manganese	55-2	10766207	10758829	10693785	10739607	0.37	cps
Molybdenum	94-1	5490764	5616997	5598315	5568692	1.22	cps
Molybdenum	95-1	6114874	6132704	6072080	6106553	0.51	cps
Molybdenum	96-1	6745768	6853200	6877825	6825598	1.03	cps
Molybdenum	97-1	3719820	3832527	3746798	3766382	1.56	cps
Molybdenum	98-1	9560373	9729173	9646900	9645482	0.88	cps
Neodymium	150-1	59702	60700	61396	60599	1.41	cps
Neodymium	150-2	17161	16791	16811	16921	1.23	cps
Nickel	60-2	420651	420010	426381	422347	0.83	cps
Phosphorus	31-2	137	107	127	123	12.39	cps
Potassium	39-2	1639095	1615588	1623105	1625929	0.74	cps
Rhodium	103-1	7509769	7571656	7672767	7584731	1.08	cps
Rhodium	103-2	3265253	3262120	3272850	3266741	0.17	cps
Scandium	45-1	5844517	5784967	5737123	5788869	0.93	cps
Scandium	45-2	125667	125875	126154	125899	0.19	cps
Selenium	82-1	49913	50305	49971	50063	0.42	cps
Selenium	77-2	1130	1063	1070	1088	3.38	cps
Selenium	78-2	3821	3597	3647	3688	3.18	cps
Silicon	28-1	163553608	162709294	161380701	162547868	0.67	cps
Silver	107-1	654451	670372	664319	663047	1.21	cps
Silver	109-1	612894	619101	634441	622145	1.78	cps
Sodium	23-2	18329360	18196973	17988363	18171565	0.95	cps
Strontium	86-1	2856011	2862638	2851062	2856570	0.20	cps
Strontium	88-1	24479161	24860475	25297475	24879037	1.65	cps
Sulfur	34-1	10447817	10410046	10465358	10441074	0.27	cps
Terbium	159-1	9605457	9609663	9679727	9631616	0.43	cps
Terbium	159-2	3582120	3678053	3623070	3627747	1.33	cps
Thallium	203-1	2601231	2627833	2681213	2636759	1.54	cps
Thallium	205-1	6054982	6148594	6189428	6131001	1.12	cps
Tin	118-1	2384716	2387360	2413462	2395179	0.66	cps
Titanium	47-1	4591	4671	4871	4711	3.06	cps
Uranium	238-1	7623843	7741441	7700564	7688616	0.78	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20MSDDLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325MSDI Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:56:09 DataFile Name : 052AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	601552	609743	597613	602969	1.03	cps
Ytterbium	172-1	32647	32196	32587	32476	0.75	cps
Ytterbium	172-2	14832	14365	14688	14628	1.64	cps
Ytterbium	176-1	32293	33496	33429	33072	2.04	cps
Ytterbium	176-2	14471	13951	13841	14088	2.39	cps
Yttrium	89-1	17153941	17002892	17439413	17198749	1.29	cps
Yttrium	89-2	1348205	1361737	1363460	1357801	0.62	cps
Zinc	66-2	1376878	1385646	1388832	1383786	0.45	cps
Zirconium	90-1	5728055	5757210	5864616	5783294	1.24	cps
Zirconium	91-1	1232776	1251774	1245824	1243458	0.78	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	384008	385939	386000	385316	0.29	cps
Antimony	121-1	3237799	3305415	3315046	3286087	1.28	cps
Arsenic	75-2	340	343	367	350	4.15	cps
Barium	135-1	3635393	3734851	3728057	3699434	1.50	cps
Barium	137-1	6084476	6230982	6280114	6198524	1.64	cps
Beryllium	9-1	805213	817555	815810	812859	0.82	cps
Bismuth	209-1	5225134	5289632	5336871	5283879	1.06	cps
Bismuth	209-2	2479143	2476499	2501848	2485830	0.56	cps
Bromine	81-1	32404	31125	31823	31784	2.02	cps
Cadmium	108-1	60164	61165	60422	60584	0.86	cps
Cadmium	106-1	93158	95759	96034	94984	1.67	cps
Cadmium	111-1	781315	787130	786064	784836	0.39	cps
Calcium	43-1	8951682	9010503	9075763	9012649	0.69	cps
Calcium	44-1	146349951	145774404	146778378	146300911	0.34	cps
Carbon	12-1	5578322	5571830	5512090	5554081	0.66	cps
Carbon	12-2	37792	37869	37665	37775	0.27	cps
Chlorine	35-1	20889142	22653921	23788495	22443853	6.51	cps
Chlorine	35-2	114428	117485	117861	116592	1.62	cps
Chromium	52-2	742140	741802	738336	740759	0.28	cps
Cobalt	59-2	1997070	1998626	2024330	2006675	0.76	cps
Copper	63-2	11235757	11248615	11285572	11256648	0.23	cps
Dysprosium	156-1	67211	67804	69248	68088	1.54	cps
Dysprosium	156-2	25979	25959	26406	26114	0.97	cps
Erbium	164-1	86717	88183	86599	87166	1.01	cps
Erbium	164-2	32483	32450	32496	32476	0.07	cps
Gadolinium	160-1	67436	67671	68036	67714	0.45	cps
Gadolinium	160-2	31434	30979	30685	31033	1.22	cps
Holmium	165-1	9448469	9478755	9170939	9366054	1.81	cps
Holmium	165-2	3738875	3674114	3655550	3689513	1.19	cps
Indium	115-1	8031689	8293151	8317458	8214099	1.93	cps
Indium	115-2	904703	897527	891790	898007	0.72	cps
Iron	54-2	14473179	14289316	14017118	14259871	1.61	cps
Iron	56-2	263698656	260357129	262686989	262247592	0.65	cps
Iron	57-2	6576294	6609219	6614320	6599944	0.31	cps
Krypton	83-1	600	577	643	607	5.58	cps
Lead	206-1	10396458	10687693	10614727	10566292	1.43	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	8962095	9181102	9361379	9168192	2.18	cps
Lead	208-1	41249787	42123162	42690881	42021277	1.73	cps
Lithium	6-1	2525188	2648073	2518438	2563900	2.85	cps
Magnesium	24-2	9542375	9427650	9462009	9477345	0.62	cps
Manganese	55-2	10952521	10928175	10843368	10908021	0.53	cps
Molybdenum	94-1	5472421	5701255	5527030	5566902	2.15	cps
Molybdenum	95-1	6042962	6260039	6172079	6158360	1.77	cps
Molybdenum	96-1	6828082	6913882	6907023	6882995	0.69	cps
Molybdenum	97-1	3732383	3792109	3814293	3779595	1.12	cps
Molybdenum	98-1	9653910	9830264	9905329	9796501	1.32	cps
Neodymium	150-1	59699	59842	60429	59990	0.64	cps
Neodymium	150-2	16340	16871	16864	16692	1.82	cps
Nickel	60-2	418650	426553	432560	425921	1.64	cps
Phosphorus	31-2	163	70	183	139	43.56	cps
Potassium	39-2	1650028	1664381	1643838	1652749	0.64	cps
Rhodium	103-1	7364150	7480537	7648767	7497818	1.91	cps
Rhodium	103-2	3294431	3218748	3243655	3252278	1.19	cps
Scandium	45-1	5611681	5755747	5759508	5708979	1.48	cps
Scandium	45-2	124020	124460	126659	125046	1.13	cps
Selenium	82-1	50489	50978	48824	50097	2.25	cps
Selenium	77-2	1127	1230	1070	1142	7.10	cps
Selenium	78-2	3534	3634	3527	3565	1.68	cps
Silicon	28-1	166326201	165907784	164105481	165446489	0.71	cps
Silver	107-1	659533	667973	664639	664049	0.64	cps
Silver	109-1	620094	619770	624368	621411	0.41	cps
Sodium	23-2	18489955	18456690	18423075	18456573	0.18	cps
Strontium	86-1	2886353	2848371	2924900	2886541	1.33	cps
Strontium	88-1	25040534	24599630	25034761	24891642	1.02	cps
Sulfur	34-1	10579664	10539101	10702038	10606934	0.80	cps
Terbium	159-1	9529391	9600760	9700199	9610117	0.89	cps
Terbium	159-2	3639347	3543104	3571298	3584583	1.38	cps
Thallium	203-1	2661491	2665400	2667531	2664807	0.11	cps
Thallium	205-1	6092489	6158360	6254034	6168294	1.32	cps
Tin	118-1	2381841	2488235	2471872	2447316	2.34	cps
Titanium	47-1	4637	4834	4754	4742	2.09	cps
Uranium	238-1	7667190	7790353	7915263	7790935	1.59	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-20ADLX5 Instrumnet Name : P8
Client Sample ID : OU4-CF-15-040325ADL Dilution Factor : 5
Date & Time Acquired : 2025-04-10 16:59:08 DataFile Name : 053AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	613619	612657	611670	612649	0.16	cps
Ytterbium	172-1	33095	32897	32654	32882	0.67	cps
Ytterbium	172-2	15185	14485	15125	14932	2.60	cps
Ytterbium	176-1	32383	32767	33482	32878	1.70	cps
Ytterbium	176-2	13984	14064	14254	14101	0.98	cps
Yttrium	89-1	17001494	16877352	17283840	17054229	1.22	cps
Yttrium	89-2	1352118	1360183	1360958	1357753	0.36	cps
Zinc	66-2	1402652	1387211	1387437	1392434	0.64	cps
Zirconium	90-1	5782586	5858280	5823931	5821599	0.65	cps
Zirconium	91-1	1229295	1256602	1241253	1242383	1.10	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	793089	785783	774783	784552	1.17	cps
Antimony	121-1	997	1070	970	1012	5.12	cps
Arsenic	75-2	580	457	413	483	17.89	cps
Barium	135-1	96890	97813	98477	97727	0.82	cps
Barium	137-1	167126	170632	168279	168679	1.06	cps
Beryllium	9-1	648	685	639	657	3.72	cps
Bismuth	209-1	5400762	5431213	5361536	5397837	0.65	cps
Bismuth	209-2	2618855	2588815	2588539	2598736	0.67	cps
Bromine	81-1	32752	32698	32742	32730	0.09	cps
Cadmium	108-1	50	67	70	62	17.22	cps
Cadmium	106-1	5765	5868	5825	5819	0.89	cps
Cadmium	111-1	4370	4434	4385	4396	0.76	cps
Calcium	43-1	1432530	1436751	1410727	1426669	0.98	cps
Calcium	44-1	23164262	23591347	23307150	23354253	0.93	cps
Carbon	12-1	5209803	5210051	5144620	5188158	0.73	cps
Carbon	12-2	35292	35393	35824	35503	0.79	cps
Chlorine	35-1	1803137	1628820	1495777	1642578	9.38	cps
Chlorine	35-2	6248	5604	5194	5682	9.35	cps
Chromium	52-2	24551	24418	24200	24390	0.73	cps
Cobalt	59-2	185100	184127	183520	184249	0.43	cps
Copper	63-2	107788	105626	106415	106610	1.03	cps
Dysprosium	156-1	86189	86802	84944	85979	1.10	cps
Dysprosium	156-2	32897	32974	33021	32964	0.19	cps
Erbium	164-1	92992	93489	90824	92435	1.53	cps
Erbium	164-2	35076	34732	34612	34807	0.69	cps
Gadolinium	160-1	83590	83476	83516	83527	0.07	cps
Gadolinium	160-2	39120	39451	37553	38708	2.62	cps
Holmium	165-1	9411370	9312083	9323065	9348839	0.58	cps
Holmium	165-2	3845346	3788896	3833745	3822662	0.78	cps
Indium	115-1	8412773	8518422	8540534	8490576	0.80	cps
Indium	115-2	945542	956740	951795	951359	0.59	cps
Iron	54-2	11220708	11110981	10964914	11098867	1.16	cps
Iron	56-2	206892990	205441164	201485724	204606626	1.37	cps
Iron	57-2	5225039	5193063	5058482	5158861	1.71	cps
Krypton	83-1	657	567	583	602	7.95	cps
Lead	206-1	6295	6425	6422	6381	1.16	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	5231	5268	5121	5207	1.47	cps
Lead	208-1	24756	24646	23885	24429	1.94	cps
Lithium	6-1	2658121	2616512	2612224	2628952	0.96	cps
Magnesium	24-2	4598354	4545885	4439189	4527810	1.79	cps
Manganese	55-2	1189858	1168818	1155510	1171395	1.48	cps
Molybdenum	94-1	3450	3204	3127	3260	5.18	cps
Molybdenum	95-1	1013	1017	1003	1011	0.69	cps
Molybdenum	96-1	3784	3787	3817	3796	0.48	cps
Molybdenum	97-1	593	523	570	562	6.34	cps
Molybdenum	98-1	1357	1420	1370	1382	2.42	cps
Neodymium	150-1	94883	95554	94620	95019	0.51	cps
Neodymium	150-2	26246	26553	25564	26121	1.94	cps
Nickel	60-2	55230	55672	55541	55481	0.41	cps
Phosphorus	31-2	657	687	633	659	4.06	cps
Potassium	39-2	108017	108061	107818	107965	0.12	cps
Rhodium	103-1	7841396	7987415	8022208	7950340	1.21	cps
Rhodium	103-2	3445340	3450415	3460777	3452177	0.23	cps
Scandium	45-1	5992457	5941595	5936668	5956907	0.52	cps
Scandium	45-2	131185	131448	130601	131078	0.33	cps
Selenium	82-1	117	210	110	146	38.41	cps
Selenium	77-2	153	163	150	156	4.46	cps
Selenium	78-2	190	130	153	158	19.17	cps
Silicon	28-1	104802022	106717622	104662172	105393938	1.09	cps
Silver	107-1	1040	847	807	898	13.90	cps
Silver	109-1	793	750	540	694	19.51	cps
Sodium	23-2	3280036	3271478	3211948	3254487	1.14	cps
Strontium	86-1	387721	391125	385812	388219	0.69	cps
Strontium	88-1	3580416	3543153	3501584	3541717	1.11	cps
Sulfur	34-1	5967783	6005348	6039023	6004051	0.59	cps
Terbium	159-1	9786600	9852040	9806618	9815086	0.34	cps
Terbium	159-2	3615515	3692086	3671465	3659688	1.08	cps
Thallium	203-1	1870	1837	1763	1823	2.99	cps
Thallium	205-1	4808	4541	4287	4545	5.72	cps
Tin	118-1	5051	5194	5174	5140	1.51	cps
Titanium	47-1	3160	3030	2914	3035	4.07	cps
Uranium	238-1	42615	42461	41976	42350	0.79	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-02DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-15-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:02:06 DataFile Name : 054AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	325809	321005	318444	321753	1.16	cps
Ytterbium	172-1	29994	30178	30158	30110	0.33	cps
Ytterbium	172-2	13617	13747	13377	13580	1.38	cps
Ytterbium	176-1	18824	20092	19177	19364	3.38	cps
Ytterbium	176-2	8690	8566	8623	8626	0.72	cps
Yttrium	89-1	17614918	17380680	17624146	17539915	0.79	cps
Yttrium	89-2	1467034	1406312	1400792	1424713	2.58	cps
Zinc	66-2	100231	98771	97667	98890	1.30	cps
Zirconium	90-1	6898	6552	6418	6623	3.74	cps
Zirconium	91-1	1573	1477	1417	1489	5.31	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565734	567067	557230	563344	0.95	cps
Antimony	121-1	330	343	297	323	7.43	cps
Arsenic	75-2	513	443	427	461	9.97	cps
Barium	135-1	99858	97884	99603	99115	1.08	cps
Barium	137-1	171560	169113	168981	169885	0.85	cps
Beryllium	9-1	758	731	797	762	4.35	cps
Bismuth	209-1	5296589	5391713	5444151	5377484	1.39	cps
Bismuth	209-2	2606358	2606181	2563663	2592067	0.95	cps
Bromine	81-1	31412	30340	31783	31178	2.40	cps
Cadmium	108-1	43	50	43	46	8.45	cps
Cadmium	106-1	5911	5918	5881	5904	0.33	cps
Cadmium	111-1	4448	4488	4473	4469	0.45	cps
Calcium	43-1	2060358	2137478	2139115	2112317	2.13	cps
Calcium	44-1	34269514	33830128	34538789	34212810	1.05	cps
Carbon	12-1	5188097	5162692	5093585	5148125	0.95	cps
Carbon	12-2	34434	34591	35142	34722	1.07	cps
Chlorine	35-1	781425	753108	723279	752604	3.86	cps
Chlorine	35-2	2974	3004	3154	3044	3.17	cps
Chromium	52-2	11678	12045	11932	11885	1.58	cps
Cobalt	59-2	190010	189321	186903	188745	0.86	cps
Copper	63-2	126733	124917	124042	125231	1.10	cps
Dysprosium	156-1	90362	91943	90262	90856	1.04	cps
Dysprosium	156-2	35835	34027	35176	35012	2.61	cps
Erbium	164-1	99888	101872	102642	101467	1.40	cps
Erbium	164-2	39101	38890	38064	38685	1.42	cps
Gadolinium	160-1	87723	88189	89726	88546	1.18	cps
Gadolinium	160-2	40705	40983	40374	40687	0.75	cps
Holmium	165-1	9313148	9329696	9488544	9377129	1.03	cps
Holmium	165-2	3765899	3784278	3821462	3790546	0.75	cps
Indium	115-1	8406936	8472303	8512929	8464056	0.63	cps
Indium	115-2	944637	949445	954939	949674	0.54	cps
Iron	54-2	11695057	11528626	11537105	11586929	0.81	cps
Iron	56-2	215280037	211721264	211200830	212734043	1.04	cps
Iron	57-2	5404438	5313242	5295637	5337772	1.09	cps
Krypton	83-1	567	557	567	563	1.03	cps
Lead	206-1	5154	5044	5184	5128	1.44	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4271	4307	4171	4250	1.67	cps
Lead	208-1	19503	19799	19733	19678	0.79	cps
Lithium	6-1	2643817	2656994	2631745	2644185	0.48	cps
Magnesium	24-2	4295190	4299472	4173748	4256137	1.68	cps
Manganese	55-2	1982239	1942062	1990596	1971632	1.32	cps
Molybdenum	94-1	1927	2157	2094	2059	5.77	cps
Molybdenum	95-1	867	750	797	804	7.30	cps
Molybdenum	96-1	3817	3597	3557	3657	3.83	cps
Molybdenum	97-1	413	470	460	448	6.75	cps
Molybdenum	98-1	1010	1063	1020	1031	2.75	cps
Neodymium	150-1	94483	96500	95359	95447	1.06	cps
Neodymium	150-2	26777	26035	26770	26527	1.61	cps
Nickel	60-2	48057	48553	48185	48265	0.53	cps
Phosphorus	31-2	283	277	287	282	1.80	cps
Potassium	39-2	110609	110122	111265	110665	0.52	cps
Rhodium	103-1	7879665	7857680	7923182	7886842	0.42	cps
Rhodium	103-2	3490847	3498233	3472907	3487329	0.37	cps
Scandium	45-1	5890382	5879646	6059374	5943134	1.70	cps
Scandium	45-2	130351	129527	131024	130301	0.58	cps
Selenium	82-1	157	197	200	184	13.07	cps
Selenium	77-2	157	173	170	167	5.29	cps
Selenium	78-2	163	133	120	139	15.98	cps
Silicon	28-1	113819208	114224948	113609342	113884499	0.27	cps
Silver	107-1	450	430	397	426	6.33	cps
Silver	109-1	340	330	320	330	3.03	cps
Sodium	23-2	3830296	3828606	3805721	3821541	0.36	cps
Strontium	86-1	526562	530279	523292	526711	0.66	cps
Strontium	88-1	4759915	4798597	4830020	4796177	0.73	cps
Sulfur	34-1	6256186	6171367	6097872	6175142	1.28	cps
Terbium	159-1	9844298	9810281	9800580	9818386	0.23	cps
Terbium	159-2	3687104	3669841	3685991	3680978	0.26	cps
Thallium	203-1	1180	1253	1157	1197	4.22	cps
Thallium	205-1	2557	2447	2560	2521	2.56	cps
Tin	118-1	4487	4791	4564	4614	3.42	cps
Titanium	47-1	2810	2730	2604	2715	3.84	cps
Uranium	238-1	49392	49232	49315	49313	0.16	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-04DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-16-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:05:23 DataFile Name : 055AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	214455	216485	212880	214607	0.84	cps
Ytterbium	172-1	35146	34555	34645	34782	0.92	cps
Ytterbium	172-2	16117	15970	16097	16061	0.50	cps
Ytterbium	176-1	21952	22653	22272	22292	1.57	cps
Ytterbium	176-2	10801	10161	10234	10399	3.37	cps
Yttrium	89-1	17115291	17986671	17763781	17621914	2.57	cps
Yttrium	89-2	1501122	1471090	1416192	1462802	2.94	cps
Zinc	66-2	97002	97378	95579	96653	0.98	cps
Zirconium	90-1	3894	3837	4181	3971	4.64	cps
Zirconium	91-1	883	907	880	890	1.63	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	557292	556196	538933	550807	1.87	cps
Antimony	121-1	297791	297458	299681	298310	0.40	cps
Arsenic	75-2	620	600	577	599	3.62	cps
Barium	135-1	97430	98907	97457	97932	0.86	cps
Barium	137-1	166255	167267	169261	167594	0.91	cps
Beryllium	9-1	5776	5696	5760	5744	0.74	cps
Bismuth	209-1	5420365	5582078	5548168	5516870	1.55	cps
Bismuth	209-2	2660091	2587829	2579754	2609225	1.70	cps
Bromine	81-1	32742	32267	31866	32292	1.36	cps
Cadmium	108-1	417	403	410	410	1.63	cps
Cadmium	106-1	6221	5995	6405	6207	3.31	cps
Cadmium	111-1	9775	9912	9708	9798	1.06	cps
Calcium	43-1	2095028	2067678	2025368	2062691	1.70	cps
Calcium	44-1	34050069	33094364	33103887	33416106	1.64	cps
Carbon	12-1	5056988	5004078	4945659	5002241	1.11	cps
Carbon	12-2	33435	33284	33725	33481	0.67	cps
Chlorine	35-1	521171	510590	498260	510007	2.25	cps
Chlorine	35-2	2260	2260	2157	2226	2.68	cps
Chromium	52-2	13707	13807	13313	13609	1.92	cps
Cobalt	59-2	198894	200349	197415	198886	0.74	cps
Copper	63-2	151967	148254	149124	149782	1.30	cps
Dysprosium	156-1	87809	89350	88359	88506	0.88	cps
Dysprosium	156-2	34538	33726	33071	33778	2.18	cps
Erbium	164-1	101154	102111	102424	101896	0.65	cps
Erbium	164-2	38713	37727	37914	38118	1.37	cps
Gadolinium	160-1	85851	87105	86904	86620	0.78	cps
Gadolinium	160-2	40368	39619	38425	39470	2.48	cps
Holmium	165-1	9562927	9576756	9367108	9502263	1.23	cps
Holmium	165-2	3829608	3799093	3762704	3797135	0.88	cps
Indium	115-1	8579004	8710823	8434245	8574690	1.61	cps
Indium	115-2	955497	954365	956621	955495	0.12	cps
Iron	54-2	11306285	11398471	11178903	11294553	0.98	cps
Iron	56-2	208625417	210799637	206273997	208566350	1.09	cps
Iron	57-2	5370274	5319035	5159736	5283015	2.08	cps
Krypton	83-1	550	653	513	572	12.69	cps
Lead	206-1	65782	66399	66717	66299	0.72	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	55347	56208	56898	56151	1.38	cps
Lead	208-1	258267	262873	261308	260816	0.90	cps
Lithium	6-1	2631213	2659853	2656566	2649211	0.59	cps
Magnesium	24-2	3919905	3855392	3825915	3867071	1.24	cps
Manganese	55-2	1741716	1777041	1760870	1759876	1.00	cps
Molybdenum	94-1	5398	5961	5695	5685	4.96	cps
Molybdenum	95-1	1077	1043	817	979	14.45	cps
Molybdenum	96-1	4404	4191	4417	4337	2.93	cps
Molybdenum	97-1	637	650	600	629	4.12	cps
Molybdenum	98-1	1347	1397	1353	1366	1.99	cps
Neodymium	150-1	91401	93117	94486	93001	1.66	cps
Neodymium	150-2	25805	25648	25214	25555	1.20	cps
Nickel	60-2	46355	45827	45626	45936	0.82	cps
Phosphorus	31-2	880	1000	777	886	12.62	cps
Potassium	39-2	161937	161971	160060	161323	0.68	cps
Rhodium	103-1	8048085	7904378	7983870	7978778	0.90	cps
Rhodium	103-2	3488642	3525047	3453181	3488957	1.03	cps
Scandium	45-1	6105759	6042912	6035796	6061489	0.64	cps
Scandium	45-2	131593	132518	131044	131718	0.57	cps
Selenium	82-1	273	237	297	269	11.25	cps
Selenium	77-2	127	150	163	147	12.65	cps
Selenium	78-2	143	147	173	154	10.65	cps
Silicon	28-1	115035698	115906062	113564395	114835385	1.03	cps
Silver	107-1	667	747	693	702	5.80	cps
Silver	109-1	580	483	510	524	9.52	cps
Sodium	23-2	4266238	4292611	4220057	4259635	0.86	cps
Strontium	86-1	531870	548082	540392	540115	1.50	cps
Strontium	88-1	4833624	4981443	4874025	4896364	1.56	cps
Sulfur	34-1	5825087	5817950	5973782	5872273	1.50	cps
Terbium	159-1	9799202	9743155	9785295	9775884	0.30	cps
Terbium	159-2	3708126	3685972	3646592	3680230	0.85	cps
Thallium	203-1	18253	18283	18937	18491	2.09	cps
Thallium	205-1	44841	43329	44208	44126	1.72	cps
Tin	118-1	4748	4738	4781	4755	0.48	cps
Titanium	47-1	3140	3164	3000	3101	2.85	cps
Uranium	238-1	48234	49523	49472	49076	1.49	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-06DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-VSL-17-040325DL2 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:08:36 DataFile Name : 056AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	155036	153952	152715	153901	0.75	cps
Ytterbium	172-1	34685	35417	35705	35269	1.49	cps
Ytterbium	172-2	16701	16147	16107	16318	2.03	cps
Ytterbium	176-1	21531	22850	23044	22475	3.66	cps
Ytterbium	176-2	10157	10127	10378	10221	1.34	cps
Yttrium	89-1	17543604	18156585	17872709	17857633	1.72	cps
Yttrium	89-2	1493250	1504612	1483290	1493718	0.71	cps
Zinc	66-2	148852	150510	150458	149940	0.63	cps
Zirconium	90-1	12152	13640	13056	12949	5.79	cps
Zirconium	91-1	2800	3190	3010	3000	6.51	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	299044	294451	289310	294268	1.65	cps
Antimony	121-1	607478	615097	613650	612075	0.66	cps
Arsenic	75-2	760	617	710	696	10.46	cps
Barium	135-1	94671	95776	95661	95369	0.64	cps
Barium	137-1	162544	163224	162162	162643	0.33	cps
Beryllium	9-1	11211	11270	11162	11214	0.48	cps
Bismuth	209-1	5414873	5328232	5508082	5417062	1.66	cps
Bismuth	209-2	2598848	2575283	2582192	2585441	0.47	cps
Bromine	81-1	31830	32154	31906	31963	0.53	cps
Cadmium	108-1	923	850	770	848	9.05	cps
Cadmium	106-1	7082	6708	6858	6883	2.73	cps
Cadmium	111-1	15863	15903	16087	15951	0.75	cps
Calcium	43-1	4397080	4364325	4357131	4372845	0.49	cps
Calcium	44-1	70869479	73017452	72347101	72078011	1.52	cps
Carbon	12-1	5136245	5102266	5023991	5087501	1.13	cps
Carbon	12-2	34069	34223	34083	34125	0.25	cps
Chlorine	35-1	434261	423680	417718	425220	1.97	cps
Chlorine	35-2	1883	1677	1827	1796	5.95	cps
Chromium	52-2	39920	39805	39419	39714	0.66	cps
Cobalt	59-2	215794	216411	211278	214494	1.31	cps
Copper	63-2	130409	130227	131492	130709	0.52	cps
Dysprosium	156-1	63118	61480	63245	62614	1.57	cps
Dysprosium	156-2	24145	23768	23815	23909	0.86	cps
Erbium	164-1	74614	74671	74678	74654	0.05	cps
Erbium	164-2	27368	27011	27488	27289	0.91	cps
Gadolinium	160-1	61119	61548	61799	61489	0.56	cps
Gadolinium	160-2	28477	28370	27772	28206	1.35	cps
Holmium	165-1	9613966	9501474	9391828	9502423	1.17	cps
Holmium	165-2	3702486	3722085	3784500	3736357	1.15	cps
Indium	115-1	8479333	8429268	8522244	8476948	0.55	cps
Indium	115-2	934509	934819	934829	934719	0.02	cps
Iron	54-2	10679056	10411058	10385004	10491706	1.55	cps
Iron	56-2	196959397	196066844	192186717	195070986	1.30	cps
Iron	57-2	4926652	5001563	4802836	4910350	2.04	cps
Krypton	83-1	480	587	527	531	10.07	cps
Lead	206-1	118536	121250	122540	120775	1.69	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	101315	101651	103284	102084	1.03	cps
Lead	208-1	467454	474360	475540	472451	0.92	cps
Lithium	6-1	2662159	2604441	2652664	2639755	1.17	cps
Magnesium	24-2	3617021	3607462	3548965	3591149	1.03	cps
Manganese	55-2	2635675	2659358	2597806	2630946	1.18	cps
Molybdenum	94-1	5768	6105	5711	5861	3.63	cps
Molybdenum	95-1	1757	1810	1980	1849	6.31	cps
Molybdenum	96-1	4854	4871	4954	4893	1.10	cps
Molybdenum	97-1	1063	1073	1007	1048	3.43	cps
Molybdenum	98-1	2494	2550	2630	2558	2.68	cps
Neodymium	150-1	61393	62769	61400	61854	1.28	cps
Neodymium	150-2	16794	16510	17248	16851	2.21	cps
Nickel	60-2	54956	54226	54186	54456	0.80	cps
Phosphorus	31-2	1357	1353	1427	1379	3.00	cps
Potassium	39-2	210225	211231	211313	210923	0.29	cps
Rhodium	103-1	8042089	7931211	7922157	7965152	0.84	cps
Rhodium	103-2	3426472	3479173	3380439	3428694	1.44	cps
Scandium	45-1	5921315	6023319	5960991	5968541	0.86	cps
Scandium	45-2	128861	126712	125677	127083	1.28	cps
Selenium	82-1	470	337	280	362	26.93	cps
Selenium	77-2	93	110	120	108	12.50	cps
Selenium	78-2	133	127	123	128	3.98	cps
Silicon	28-1	108458302	107116848	107245855	107607002	0.69	cps
Silver	107-1	660	853	843	786	13.86	cps
Silver	109-1	683	713	827	741	10.20	cps
Sodium	23-2	6918596	6963461	6765038	6882365	1.51	cps
Strontium	86-1	755090	767695	754629	759138	0.98	cps
Strontium	88-1	6853379	7056634	6898970	6936328	1.54	cps
Sulfur	34-1	7466672	7241203	7259737	7322537	1.71	cps
Terbium	159-1	9839093	9933074	9965205	9912457	0.66	cps
Terbium	159-2	3622230	3677085	3637413	3645576	0.78	cps
Thallium	203-1	29647	29711	29821	29726	0.30	cps
Thallium	205-1	70470	70550	71864	70961	1.10	cps
Tin	118-1	5271	4878	5131	5093	3.92	cps
Titanium	47-1	3184	3140	3230	3185	1.41	cps
Uranium	238-1	37519	38211	39815	38515	3.06	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-12DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-23-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:11:52 DataFile Name : 057AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	63694	64384	62536	63538	1.47	cps
Ytterbium	172-1	27462	27275	28364	27700	2.10	cps
Ytterbium	172-2	12716	12506	12539	12587	0.90	cps
Ytterbium	176-1	17525	17819	17882	17742	1.07	cps
Ytterbium	176-2	7832	8209	8069	8037	2.37	cps
Yttrium	89-1	17001659	17517536	17258857	17259351	1.49	cps
Yttrium	89-2	1348299	1354232	1350816	1351116	0.22	cps
Zinc	66-2	182398	182958	180211	181856	0.80	cps
Zirconium	90-1	12422	13457	12746	12875	4.11	cps
Zirconium	91-1	2950	3000	2957	2969	0.91	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	257034	254890	251745	254556	1.04	cps
Antimony	121-1	571962	586036	581291	579763	1.24	cps
Arsenic	75-2	997	1057	1090	1048	4.51	cps
Barium	135-1	106391	103794	104935	105040	1.24	cps
Barium	137-1	181014	181777	182080	181624	0.30	cps
Beryllium	9-1	14214	14483	14404	14367	0.96	cps
Bismuth	209-1	5407427	5422300	5454354	5428027	0.44	cps
Bismuth	209-2	2631017	2620432	2609137	2620195	0.42	cps
Bromine	81-1	31880	32324	32605	32269	1.13	cps
Cadmium	108-1	920	950	963	944	2.35	cps
Cadmium	106-1	6742	6872	7185	6933	3.29	cps
Cadmium	111-1	18009	18086	18089	18061	0.25	cps
Calcium	43-1	3357836	3412271	3423222	3397776	1.03	cps
Calcium	44-1	54697969	55908576	55667621	55424722	1.16	cps
Carbon	12-1	5011924	4880583	5003433	4965313	1.48	cps
Carbon	12-2	33461	33344	32506	33104	1.57	cps
Chlorine	35-1	363871	359484	354269	359208	1.34	cps
Chlorine	35-2	1563	1527	1470	1520	3.09	cps
Chromium	52-2	15882	15842	16046	15923	0.68	cps
Cobalt	59-2	183737	183645	181535	182972	0.68	cps
Copper	63-2	118029	117071	116786	117295	0.56	cps
Dysprosium	156-1	49250	48946	49264	49153	0.37	cps
Dysprosium	156-2	19307	19134	18079	18840	3.53	cps
Erbium	164-1	59425	58129	57832	58462	1.45	cps
Erbium	164-2	21968	21290	21454	21571	1.64	cps
Gadolinium	160-1	47618	49806	49431	48952	2.39	cps
Gadolinium	160-2	22409	22369	21971	22250	1.09	cps
Holmium	165-1	9411664	9378788	9288409	9359620	0.68	cps
Holmium	165-2	3751824	3755297	3763332	3756817	0.16	cps
Indium	115-1	8559146	8517870	8563066	8546694	0.29	cps
Indium	115-2	936524	931505	927672	931900	0.48	cps
Iron	54-2	9021767	9100862	8987568	9036733	0.64	cps
Iron	56-2	166805671	167983794	166137231	166975565	0.56	cps
Iron	57-2	4252087	4271285	4209442	4244271	0.75	cps
Krypton	83-1	457	443	520	473	8.65	cps
Lead	206-1	154732	154708	155110	154850	0.15	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	129332	131032	131479	130614	0.87	cps
Lead	208-1	606417	605642	610096	607385	0.39	cps
Lithium	6-1	2565117	2614770	2577136	2585674	1.00	cps
Magnesium	24-2	3101738	3075982	3046733	3074818	0.90	cps
Manganese	55-2	2108882	2102119	2066209	2092403	1.10	cps
Molybdenum	94-1	4257	4527	4421	4402	3.09	cps
Molybdenum	95-1	1813	1723	1670	1736	4.17	cps
Molybdenum	96-1	4221	4064	4374	4220	3.67	cps
Molybdenum	97-1	947	943	997	962	3.10	cps
Molybdenum	98-1	2497	2484	2454	2478	0.90	cps
Neodymium	150-1	48380	48594	49645	48873	1.38	cps
Neodymium	150-2	13240	13550	13223	13338	1.38	cps
Nickel	60-2	42968	42480	42540	42663	0.62	cps
Phosphorus	31-2	1327	1423	1333	1361	3.97	cps
Potassium	39-2	193026	191060	190925	191671	0.61	cps
Rhodium	103-1	7896123	8052864	7947356	7965448	1.00	cps
Rhodium	103-2	3396804	3397715	3388753	3394424	0.15	cps
Scandium	45-1	5947967	5977215	5945763	5956982	0.29	cps
Scandium	45-2	128706	125492	127123	127107	1.26	cps
Selenium	82-1	723	773	720	739	4.04	cps
Selenium	77-2	73	77	80	77	4.35	cps
Selenium	78-2	147	140	140	142	2.71	cps
Silicon	28-1	96670695	97731512	97183765	97195324	0.55	cps
Silver	107-1	1823	1720	1750	1765	3.01	cps
Silver	109-1	1513	1473	1527	1505	1.84	cps
Sodium	23-2	6656502	6561726	6555389	6591206	0.86	cps
Strontium	86-1	594985	605667	595505	598719	1.01	cps
Strontium	88-1	5399218	5331316	5407863	5379466	0.78	cps
Sulfur	34-1	6146183	6223545	6145221	6171649	0.73	cps
Terbium	159-1	9727688	9704551	9793309	9741849	0.47	cps
Terbium	159-2	3695097	3670936	3591901	3652644	1.48	cps
Thallium	203-1	35104	35415	35268	35262	0.44	cps
Thallium	205-1	83570	83235	84918	83908	1.06	cps
Tin	118-1	5792	4988	4971	5250	8.94	cps
Titanium	47-1	3060	3097	3157	3105	1.57	cps
Uranium	238-1	32184	32455	32318	32319	0.42	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : Q1730-16DL2X10 Instrumnet Name : P8
Client Sample ID : OU4-PCS-TC-25-040325 Dilution Factor : 10
Date & Time Acquired : 2025-04-10 17:15:06 DataFile Name : 058AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	74754	73829	72663	73749	1.42	cps
Ytterbium	172-1	20102	20746	20199	20349	1.71	cps
Ytterbium	172-2	9260	9507	9383	9383	1.32	cps
Ytterbium	176-1	13841	13747	13831	13806	0.37	cps
Ytterbium	176-2	5685	5988	5825	5832	2.60	cps
Yttrium	89-1	16937466	16620401	16853718	16803862	0.98	cps
Yttrium	89-2	1331350	1329775	1320166	1327097	0.46	cps
Zinc	66-2	190131	191557	188124	189937	0.91	cps
Zirconium	90-1	8276	9206	8476	8653	5.66	cps
Zirconium	91-1	1847	2184	1827	1952	10.27	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5808417	5804072	5817456	5809982	0.12	cps
Antimony	121-1	15104758	15554489	15354679	15337975	1.47	cps
Arsenic	75-2	359584	363059	360993	361212	0.48	cps
Barium	135-1	18369894	18786713	18521914	18559507	1.14	cps
Barium	137-1	31090149	31627701	31519473	31412441	0.91	cps
Beryllium	9-1	3756220	3785449	3748478	3763382	0.52	cps
Bismuth	209-1	4787120	4760500	4779341	4775654	0.29	cps
Bismuth	209-2	2232226	2220950	2230313	2227830	0.27	cps
Bromine	81-1	30477	30346	30336	30386	0.26	cps
Cadmium	108-1	289517	290900	292524	290980	0.52	cps
Cadmium	106-1	422732	427364	425892	425329	0.56	cps
Cadmium	111-1	3755772	3722663	3759400	3745945	0.54	cps
Calcium	43-1	25053771	25133531	25061161	25082821	0.18	cps
Calcium	44-1	410681394	407400354	409154181	409078643	0.40	cps
Carbon	12-1	5767430	5816392	5952920	5845580	1.64	cps
Carbon	12-2	47195	47831	46797	47275	1.10	cps
Chlorine	35-1	330085	327045	324469	327200	0.86	cps
Chlorine	35-2	1510	1437	1443	1463	2.77	cps
Chromium	52-2	3771372	3754277	3788559	3771403	0.45	cps
Cobalt	59-2	6716780	6490395	6484614	6563930	2.02	cps
Copper	63-2	49122253	48372948	49086699	48860633	0.87	cps
Dysprosium	156-1	723	737	677	712	4.42	cps
Dysprosium	156-2	173	233	180	196	16.82	cps
Erbium	164-1	683	677	677	679	0.57	cps
Erbium	164-2	297	247	213	252	16.63	cps
Gadolinium	160-1	480	463	477	473	1.86	cps
Gadolinium	160-2	250	173	233	219	18.42	cps
Holmium	165-1	8733147	8943218	8798934	8825100	1.22	cps
Holmium	165-2	3569638	3491522	3550132	3537098	1.15	cps
Indium	115-1	7281776	7228045	7358681	7289501	0.90	cps
Indium	115-2	795206	796871	796917	796332	0.12	cps
Iron	54-2	36408695	36101694	36437107	36315832	0.51	cps
Iron	56-2	676357777	670542510	668210817	671703701	0.62	cps
Iron	57-2	16924941	16771016	16846908	16847622	0.46	cps
Krypton	83-1	430	477	427	444	6.29	cps
Lead	206-1	49437106	49414466	50793326	49881633	1.58	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41994071	41653942	42690749	42112921	1.26	cps
Lead	208-1	194036079	194628786	197993524	195552796	1.09	cps
Lithium	6-1	2276538	2358795	2352535	2329290	1.97	cps
Magnesium	24-2	103295225	101285295	102902725	102494415	1.04	cps
Manganese	55-2	16035282	15918814	16003954	15986017	0.38	cps
Molybdenum	94-1	55642201	56577577	55484068	55901282	1.06	cps
Molybdenum	95-1	78952145	80577335	80804672	80111384	1.26	cps
Molybdenum	96-1	86886802	87316852	87668739	87290798	0.45	cps
Molybdenum	97-1	50068849	49754644	49904833	49909442	0.31	cps
Molybdenum	98-1	129250808	127955621	131930598	129712343	1.56	cps
Neodymium	150-1	1363	1467	1383	1405	3.90	cps
Neodymium	150-2	100	93	90	94	5.39	cps
Nickel	60-2	1831334	1795694	1799433	1808820	1.08	cps
Phosphorus	31-2	60948	58738	59568	59751	1.87	cps
Potassium	39-2	37611596	37153451	37452116	37405721	0.62	cps
Rhodium	103-1	6884540	6761878	6744917	6797112	1.12	cps
Rhodium	103-2	2931650	2931930	2957274	2940285	0.50	cps
Scandium	45-1	5378620	5393175	5352011	5374602	0.39	cps
Scandium	45-2	120913	121475	119582	120657	0.81	cps
Selenium	82-1	225269	224832	228229	226110	0.82	cps
Selenium	77-2	4577	4637	4828	4681	2.79	cps
Selenium	78-2	16116	15649	15999	15921	1.53	cps
Silicon	28-1	10055975	9918705	10170837	10048506	1.26	cps
Silver	107-1	18587498	18586036	18691829	18621787	0.33	cps
Silver	109-1	17547216	17471376	17592393	17536995	0.35	cps
Sodium	23-2	208203097	207475050	207965684	207881277	0.18	cps
Strontium	86-1	5294869	5388969	5307890	5330576	0.96	cps
Strontium	88-1	45665121	46278339	45665921	45869794	0.77	cps
Sulfur	34-1	1959257	1938748	1890707	1929571	1.82	cps
Terbium	159-1	8951056	9031328	9204802	9062395	1.43	cps
Terbium	159-2	3426040	3458614	3428430	3437695	0.53	cps
Thallium	203-1	12087535	12050652	12344310	12160833	1.32	cps
Thallium	205-1	28712703	28695993	29115030	28841242	0.82	cps
Tin	118-1	12476279	12625567	12725537	12609127	0.99	cps
Titanium	47-1	23357465	23367350	23191900	23305572	0.42	cps
Uranium	238-1	37619367	37973714	38162107	37918396	0.73	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCV04 Instrumnet Name : P8
Client Sample ID : CCV04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:19:01 DataFile Name : 059CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2922687	2885000	2913132	2906940	0.67	cps
Ytterbium	172-1	977	1003	1030	1003	2.66	cps
Ytterbium	172-2	480	480	430	463	6.23	cps
Ytterbium	176-1	59912	61532	61730	61058	1.63	cps
Ytterbium	176-2	23681	23080	23832	23531	1.69	cps
Yttrium	89-1	14476795	14623436	14194498	14431576	1.51	cps
Yttrium	89-2	1158773	1145145	1146812	1150243	0.65	cps
Zinc	66-2	5611448	5656915	5710231	5659531	0.87	cps
Zirconium	90-1	27939813	28472324	27723989	28045375	1.37	cps
Zirconium	91-1	6179037	6298746	6277435	6251739	1.02	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420	447	463	443	4.93	cps
Antimony	121-1	1727	1580	1553	1620	5.76	cps
Arsenic	75-2	10	20	7	12	56.76	cps
Barium	135-1	327	290	263	293	10.84	cps
Barium	137-1	440	537	570	516	13.10	cps
Beryllium	9-1	275	268	212	251	13.68	cps
Bismuth	209-1	5611551	5699267	5672471	5661096	0.79	cps
Bismuth	209-2	2689067	2695197	2698706	2694323	0.18	cps
Bromine	81-1	31422	31218	32174	31605	1.59	cps
Cadmium	108-1	37	13	20	23	51.52	cps
Cadmium	106-1	5438	5294	5258	5330	1.79	cps
Cadmium	111-1	3891	3780	3746	3806	1.98	cps
Calcium	43-1	1810	1617	1900	1776	8.15	cps
Calcium	44-1	48140	46422	48207	47590	2.13	cps
Carbon	12-1	4746954	4659602	4545556	4650704	2.17	cps
Carbon	12-2	29359	29503	29236	29366	0.46	cps
Chlorine	35-1	248253	246816	246159	247076	0.43	cps
Chlorine	35-2	1020	1120	1083	1074	4.71	cps
Chromium	52-2	1927	1907	1763	1866	4.78	cps
Cobalt	59-2	140	153	130	141	8.30	cps
Copper	63-2	2714	2607	2694	2671	2.12	cps
Dysprosium	156-1	3	13	10	9	57.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	63	80	53	66	20.55	cps
Erbium	164-2	17	27	17	20	28.86	cps
Gadolinium	160-1	47	57	53	52	9.75	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	9465348	9674776	9568234	9569453	1.09	cps
Holmium	165-2	3805909	3934878	3775357	3838714	2.21	cps
Indium	115-1	8554680	8674085	8606645	8611803	0.70	cps
Indium	115-2	961896	954901	959286	958694	0.37	cps
Iron	54-2	1373	1503	1380	1419	5.16	cps
Iron	56-2	18282	18305	18102	18230	0.61	cps
Iron	57-2	503	517	393	471	14.37	cps
Krypton	83-1	393	443	387	408	7.60	cps
Lead	206-1	2344	2147	2027	2172	7.36	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1997	1974	1740	1903	7.46	cps
Lead	208-1	9305	8735	8051	8697	7.22	cps
Lithium	6-1	2740149	2790866	2795561	2775525	1.11	cps
Magnesium	24-2	1150	1300	1233	1228	6.12	cps
Manganese	55-2	1253	1207	1377	1279	6.87	cps
Molybdenum	94-1	2497	2070	1987	2185	12.53	cps
Molybdenum	95-1	1870	1633	1500	1668	11.24	cps
Molybdenum	96-1	1647	1427	1333	1469	10.95	cps
Molybdenum	97-1	947	743	630	773	20.75	cps
Molybdenum	98-1	2390	1757	1673	1940	20.20	cps
Neodymium	150-1	13	17	17	16	12.40	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	990	973	890	951	5.63	cps
Phosphorus	31-2	140	113	100	118	17.29	cps
Potassium	39-2	28107	28131	27984	28074	0.28	cps
Rhodium	103-1	8107661	8265949	8120382	8164664	1.08	cps
Rhodium	103-2	3570572	3515946	3526290	3537603	0.82	cps
Scandium	45-1	5811170	5875225	5799016	5828470	0.70	cps
Scandium	45-2	128435	126360	128633	127809	0.99	cps
Selenium	82-1	-33	-93	-23	-50	-75.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	37	43	34	29.57	cps
Silicon	28-1	531652	540423	522179	531418	1.72	cps
Silver	107-1	1207	917	960	1028	15.22	cps
Silver	109-1	997	917	823	912	9.51	cps
Sodium	23-2	81593	81080	79408	80694	1.42	cps
Strontium	86-1	670	757	743	723	6.45	cps
Strontium	88-1	1290	1157	1217	1221	5.47	cps
Sulfur	34-1	706461	711280	717427	711723	0.77	cps
Terbium	159-1	9839438	9840889	9834198	9838175	0.04	cps
Terbium	159-2	3725444	3705882	3709604	3713643	0.28	cps
Thallium	203-1	833	773	707	771	8.22	cps
Thallium	205-1	1933	1780	1810	1841	4.41	cps
Tin	118-1	4097	4581	4274	4317	5.67	cps
Titanium	47-1	630	513	610	584	10.68	cps
Uranium	238-1	520	400	447	456	13.28	cps

LB Number : LB135405 Operator : Jaswal
Lab Sample ID : CCB04 Instrumnet Name : P8
Client Sample ID : CCB04 Dilution Factor : 1
Date & Time Acquired : 2025-04-10 17:23:15 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	33	40	23	32	26.04	cps
Ytterbium	172-1	67	47	80	64	26.03	cps
Ytterbium	172-2	37	10	47	31	60.93	cps
Ytterbium	176-1	1077	1120	1170	1122	4.16	cps
Ytterbium	176-2	220	210	247	226	8.40	cps
Yttrium	89-1	15724137	15739712	16049031	15837627	1.16	cps
Yttrium	89-2	1244230	1254004	1255146	1251127	0.48	cps
Zinc	66-2	2387	2257	2347	2330	2.86	cps
Zirconium	90-1	3364	3314	3140	3273	3.58	cps
Zirconium	91-1	647	743	667	686	7.44	cps