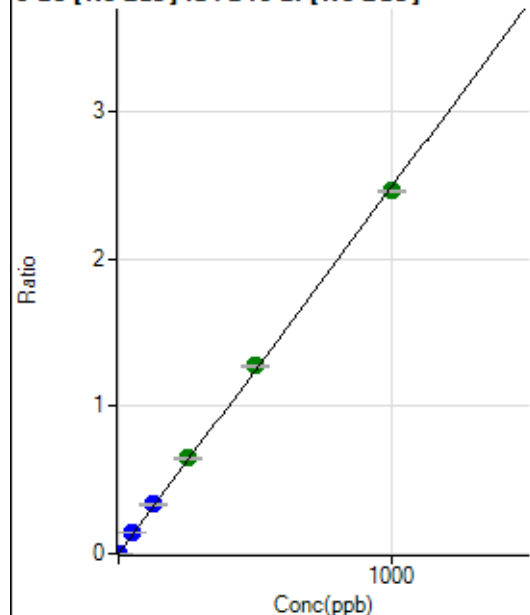


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8042925MS.b\
Analysis File: P8042925MS.batch.bin
DA Date-Time: 2025-04-29 13:11:38
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2025-04-29 11:31:50
2	006CALS.d	S02	2025-04-29 11:38:36
3	007CALB.d	S03	2025-04-29 11:41:58
4	008CALS.d	S04	2025-04-29 11:45:01
5	009CALS.d	S05	2025-04-29 11:47:58
6	010CALS.d	S06	2025-04-29 11:50:47
7	011CALS.d	S07	2025-04-29 11:53:32
8	012CALS.d	S08	2025-04-29 11:56:21

Calibration for 007CALB.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	134.62	0.0001	P	6.1
2	☐	1.000	1.213	7442.99	0.0031	P	2.0
3	☐	50.000	57.105	345873.92	0.1421	P	0.7
4	☐	125.000	134.557	826176.43	0.3348	P	1.7
5	☐	250.000	261.155	1545687.17	0.6497	A	2.2
6	☐	500.000	511.935	2947057.39	1.2736	A	1.7
7	☐	1000.000	989.694	5525741.32	2.4621	A	0.2
8	☐			773.52	0.0004	P	9.4

$$y = 0.0025 * x + 5.4774E-005$$

$$R = 0.9998$$

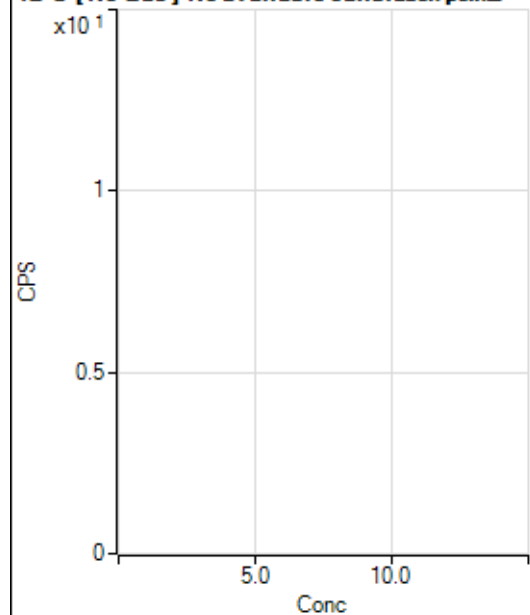
$$DL = 0.004049$$

$$BEC = 0.02202$$

Weight: <None>

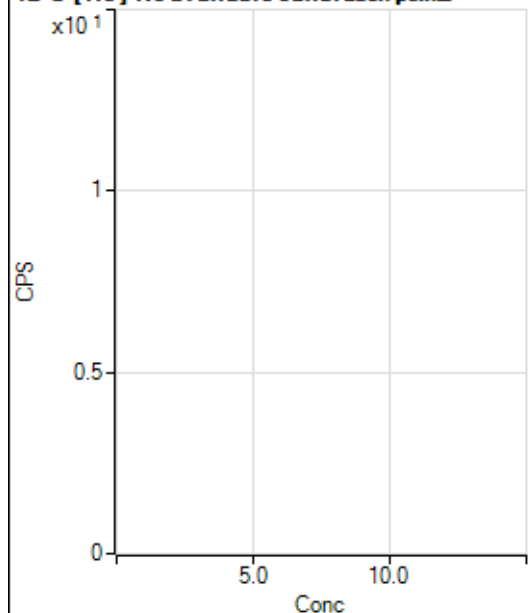
Min Conc: 0

12 C [No Gas] No available calibration points



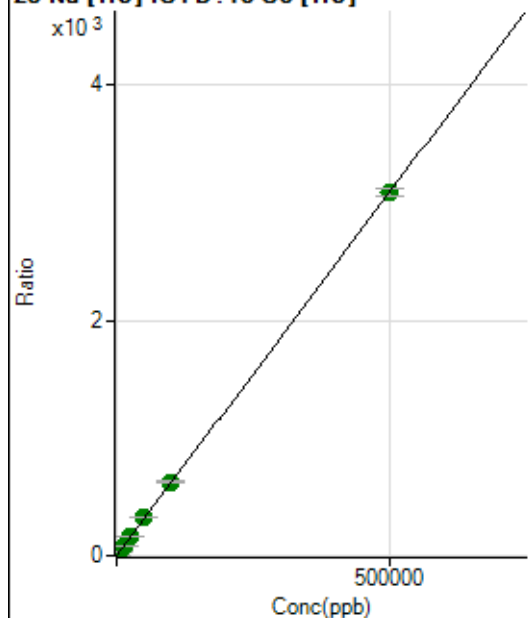
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3115734.47		A	2.3
2	☐			3397353.14		A	2.1
3	☐			3412875.40		A	1.7
4	☐			3448090.78		A	0.9
5	☐			3504376.02		A	0.9
6	☐			3788816.71		A	0.8
7	☐			4430816.01		A	4.3
8	☐			3680717.38		A	1.5

12 C [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			22105.58		P	0.8
2	☐			23442.12		P	0.7
3	☐			23177.22		P	1.0
4	☐			23917.32		P	2.5
5	☐			25101.50		P	0.6
6	☐			28952.96		P	0.6
7	☐			35650.91		P	0.9
8	☐			36124.38		P	1.3

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28384.26	0.2982	P	0.6
2	☐	500.000	601.161	374702.68	4.0093	P	0.5
3	☐	5000.000	5745.030	3210716.62	35.7632	A	0.7
4	☐	12500.000	13564.402	7510586.21	84.0335	A	0.7
5	☐	25000.000	27111.160	14556736.31	167.6598	A	0.6
6	☐	50000.000	52655.343	28461621.52	325.3483	A	1.4
7	☐	100000.00	101705.83	56155273.61	628.1450	A	0.6
8	☐	500000.00	499253.57	275761875.8	3,082.2725	A	2.1

$$y = 0.0062 * x + 0.2982$$

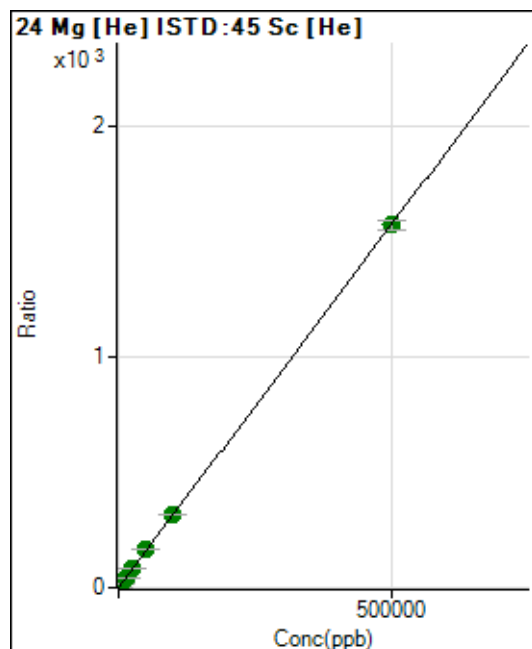
$$R = 1.0000$$

$$DL = 0.9166$$

$$BEC = 48.31$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	370.01	0.0039	P	7.4
2	☐	500.000	604.031	177895.97	1.9036	P	1.1
3	☐	5000.000	5767.229	1628796.99	18.1420	A	0.1
4	☐	12500.000	13619.040	3828353.00	42.8361	A	0.3
5	☐	25000.000	26901.977	7346064.82	84.6112	A	1.4
6	☐	50000.000	52270.382	14380949.23	164.3955	A	1.9
7	☐	100000.00	100227.13	28180082.08	315.2206	A	0.8
8	☐	500000.00	499596.68	140576753.4	1,571.2472	A	2.3

$$y = 0.0031 * x + 0.0039$$

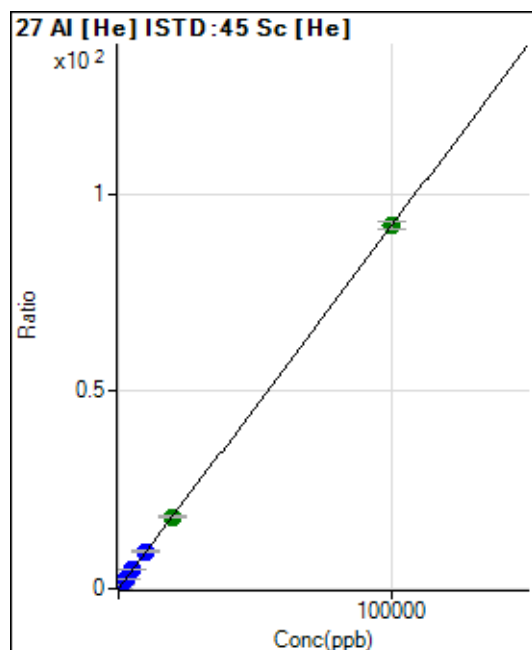
$$R = 1.0000$$

$$DL = 0.2736$$

$$BEC = 1.235$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	323.34	0.0034	P	11.7
2	☐	20.000	22.582	2255.75	0.0241	P	4.0
3	☐	1000.000	1111.582	91979.48	1.0245	P	0.7
4	☐	2500.000	2666.232	219195.58	2.4527	P	1.0
5	☐	5000.000	5284.715	421813.24	4.8582	P	0.8
6	☐	10000.000	10319.872	829611.26	9.4837	P	1.9
7	☐	20000.000	19792.903	1625765.98	18.1860	A	2.8
8	☐	100000.00	99989.924	8219159.81	91.8582	A	2.1

$$y = 9.1864E-004 * x + 0.0034$$

$$R = 1.0000$$

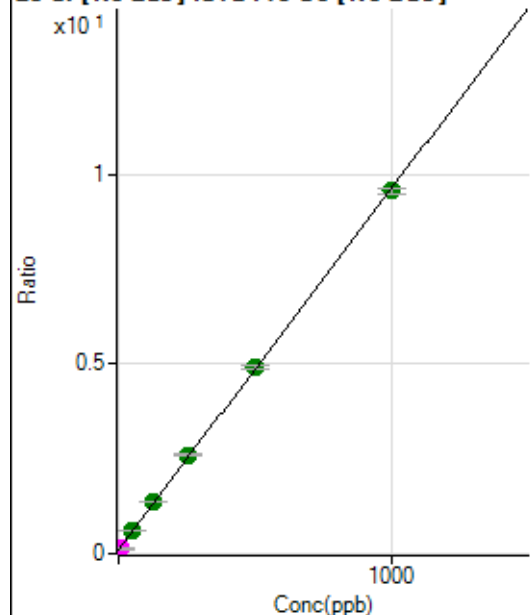
$$DL = 1.293$$

$$BEC = 3.698$$

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	490306.58	0.1065	M	12.7
2	☐	10.000	2.546	579207.74	0.1307	M	9.7
3	☐	50.000	54.000	2787900.03	0.6203	A	1.1
4	☐	125.000	131.640	5972009.70	1.3589	A	0.4
5	☐	250.000	262.875	11221594.14	2.6074	A	1.7
6	☐	500.000	504.906	20926334.83	4.9100	A	1.4
7	☐	1000.000	993.373	39537435.24	9.5570	A	1.8
8	☐			652393.68	0.1581	P	2.2

$$y = 0.0095 * x + 0.1065$$

$$R = 0.9998$$

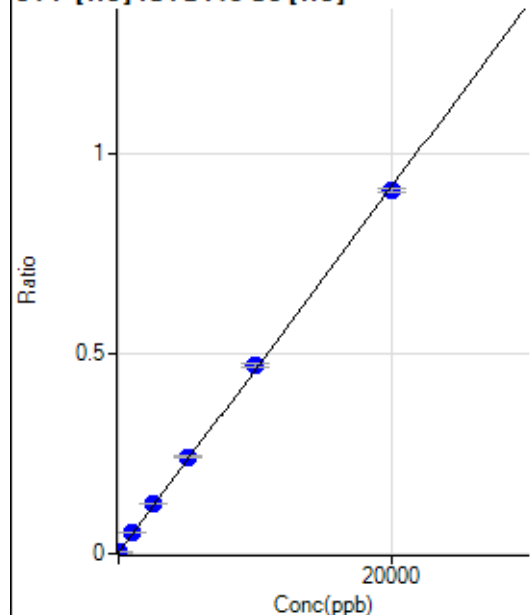
$$DL = 4.273$$

$$BEC = 11.2$$

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	-16.900	131.11	0.0014	P	28.3
2	☐	0.000	16.900	273.34	0.0029	P	7.7
3	☐	1000.000	1100.308	4701.92	0.0524	P	5.7
4	☐	2500.000	2675.524	11108.77	0.1243	P	1.7
5	☐	5000.000	5216.453	20865.06	0.2403	P	2.0
6	☐	10000.000	10278.353	41237.26	0.4714	P	1.7
7	☐	20000.000	19779.754	80919.44	0.9052	P	1.0
8	☐			112.22	0.0013	P	9.8

$$y = 4.5654E-005 * x + 0.0022$$

$$R = 0.9998$$

$$DL = 20.24$$

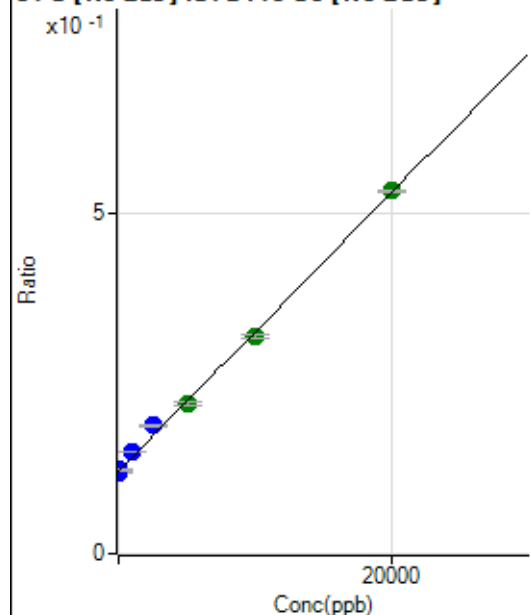
$$BEC = 47.13$$

Weight: <None>

Min Conc: 0

Calibration for 007CALB.d

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-85.857	552040.05	0.1199	P	1.3
2	☐	0.000	85.857	546680.49	0.1234	P	2.2
3	☐	1000.000	1382.211	674362.62	0.1500	P	0.9
4	☐	2500.000	3285.187	831040.99	0.1891	P	1.0
5	☐	5000.000	4773.656	945198.62	0.2197	A	2.6
6	☐	10000.000	9672.534	1364758.77	0.3202	A	2.0
7	☐	20000.000	20103.060	2210926.77	0.5344	A	0.6
8	☐			436190.60	0.1057	P	1.9

$$y = 2.0530E-005 * x + 0.1217$$

R = 0.9987

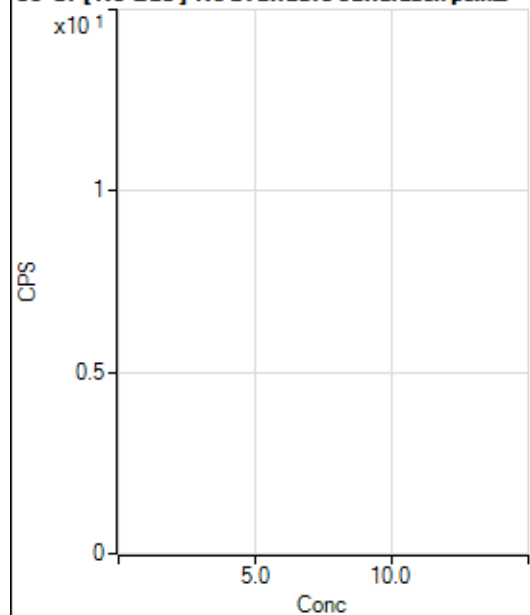
DL = 308.3

BEC = 5926

Weight: <None>

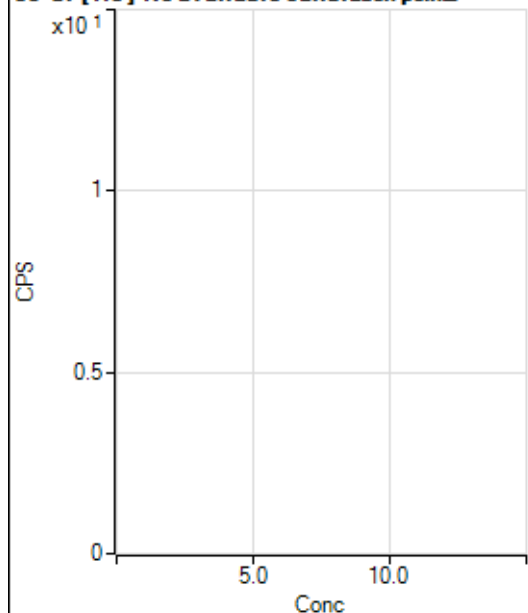
Min Conc: 0

35 Cl [No Gas] No available calibration points



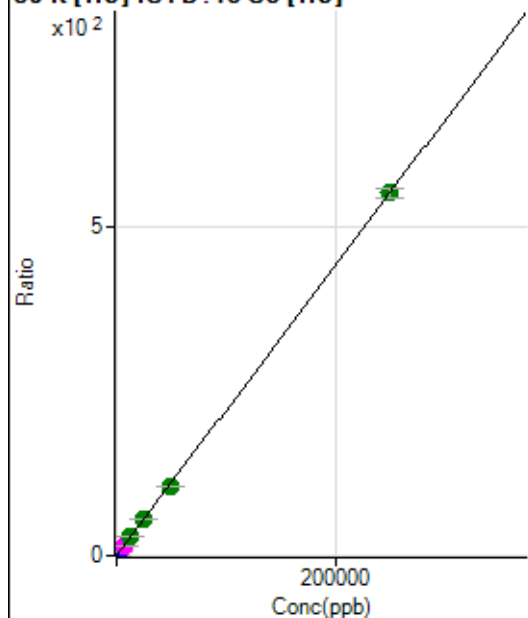
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			136950.44		P	0.4
2	☐			157315.54		P	1.1
3	☐			153823.93		P	0.8
4	☐			160574.02		P	1.4
5	☐			162573.68		P	0.6
6	☐			173609.85		P	1.9
7	☐			212138.70		P	2.3
8	☐			156759.37		P	1.4

35 Cl [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			550.02		P	7.0
2	☐			661.13		P	3.4
3	☐			657.80		P	9.7
4	☐			641.13		P	9.8
5	☐			625.58		P	13.0
6	☐			655.58		P	6.9
7	☐			915.60		P	3.7
8	☐			658.91		P	1.5

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	14311.62	0.1504	P	1.7
2	☐	500.000	545.129	126472.85	1.3533	P	0.9
3	☐	2500.000	2655.054	539491.57	6.0091	P	0.3
4	☐	6250.000	6365.229	1268692.64	14.1961	M	1.3
5	☐	12500.000	12805.263	2466417.67	28.4070	A	0.8
6	☐	25000.000	24833.424	4806993.23	54.9488	A	1.2
7	☐	50000.000	48181.843	9518181.80	106.4703	A	0.4
8	☐	250000.00	250360.50	49434281.49	552.6056	A	2.9

$$y = 0.0022 * x + 0.1504$$

$$R = 1.0000$$

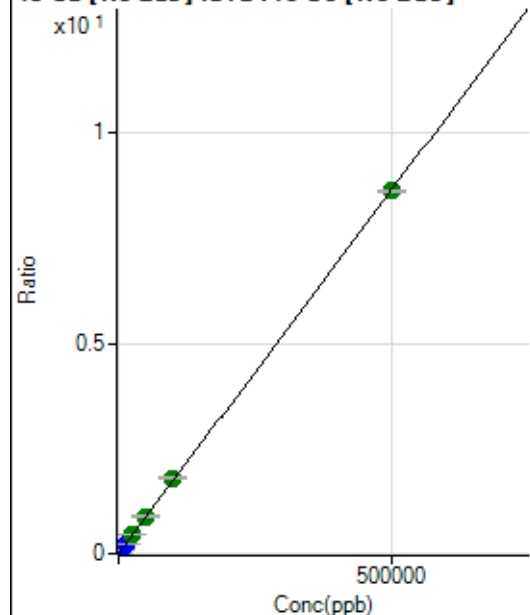
$$DL = 3.444$$

$$BEC = 68.15$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1013.38	0.0002	P	6.9
2	☐	500.000	570.536	44704.80	0.0101	P	2.5
3	☐	5000.000	5369.275	418620.30	0.0931	P	1.2
4	☐	12500.000	13223.791	1006605.59	0.2290	P	1.0
5	☐	25000.000	26429.942	1969145.16	0.4576	A	1.9
6	☐	50000.000	51470.336	3797196.09	0.8909	A	0.8
7	☐	100000.00	104042.03	7450271.56	1.8006	A	1.5
8	☐	500000.00	498951.20	35633856.13	8.6342	A	0.4

$$y = 1.7304\text{E-}005 * x + 2.2005\text{E-}004$$

$$R = 1.0000$$

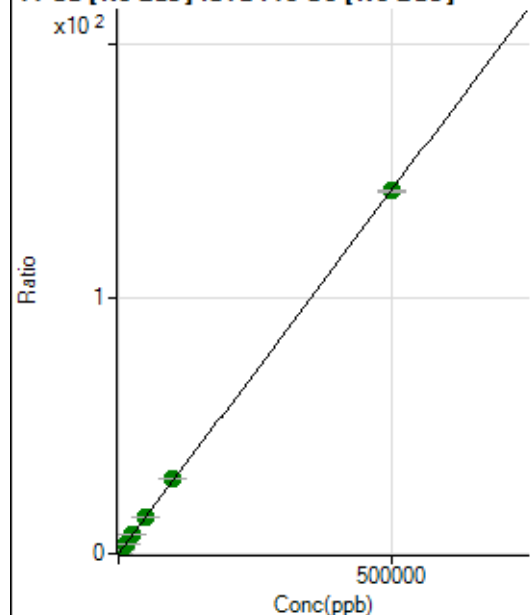
$$DL = 2.616$$

$$BEC = 12.72$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	28026.38	0.0061	P	1.5
2	☐	500.000	560.744	734916.11	0.1659	P	2.2
3	☐	5000.000	5261.326	6768019.34	1.5057	A	0.6
4	☐	12500.000	12927.348	16220265.73	3.6908	A	0.4
5	☐	25000.000	25867.519	31755299.25	7.3791	A	1.8
6	☐	50000.000	50815.296	61764042.97	14.4899	A	1.0
7	☐	100000.00	103485.40	122068035.9	29.5025	A	0.5
8	☐	500000.00	499164.65	587202937.9	142.2828	A	0.2

$$y = 2.8503\text{E-}004 * x + 0.0061$$

$$R = 1.0000$$

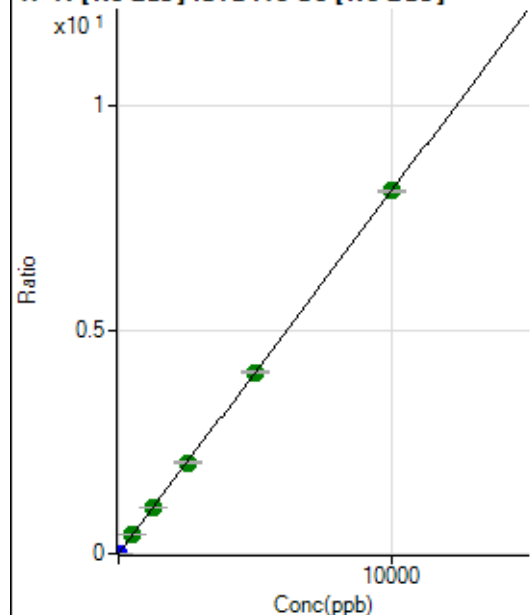
$$DL = 0.9442$$

$$BEC = 21.35$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	242.23	0.0001	P	8.5
2	☐	5.000	5.454	19833.78	0.0045	P	2.5
3	☐	500.000	524.615	1913384.28	0.4257	A	0.6
4	☐	1250.000	1259.220	4489937.23	1.0217	A	1.4
5	☐	2500.000	2504.597	8744932.79	2.0321	A	1.6
6	☐	5000.000	4994.971	17273807.10	4.0526	A	1.2
7	☐	10000.000	9998.982	33565878.67	8.1124	A	0.6
8	☐			3327.08	0.0008	P	1.9

$$y = 8.1132\text{E-}004 * x + 5.2611\text{E-}005$$

$$R = 1.0000$$

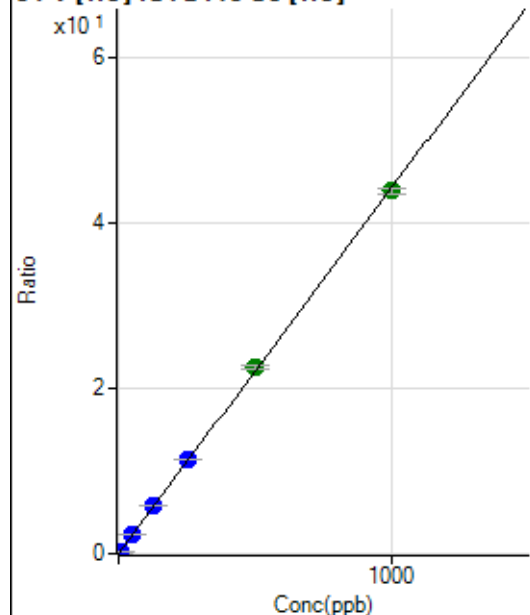
$$DL = 0.01646$$

$$BEC = 0.06485$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0003	P	71.7
2	☐	5.000	5.597	23198.83	0.2482	P	1.4
3	☐	50.000	53.460	212648.08	2.3687	P	0.9
4	☐	125.000	129.317	512034.37	5.7292	P	0.5
5	☐	250.000	258.895	995837.00	11.4697	P	0.5
6	☐	500.000	509.699	1975318.23	22.5806	A	1.7
7	☐	1000.000	992.211	3929554.45	43.9565	A	1.3
8	☐			1050.05	0.0117	P	6.9

$$y = 0.0443 * x + 2.9351\text{E-}004$$

$$R = 0.9999$$

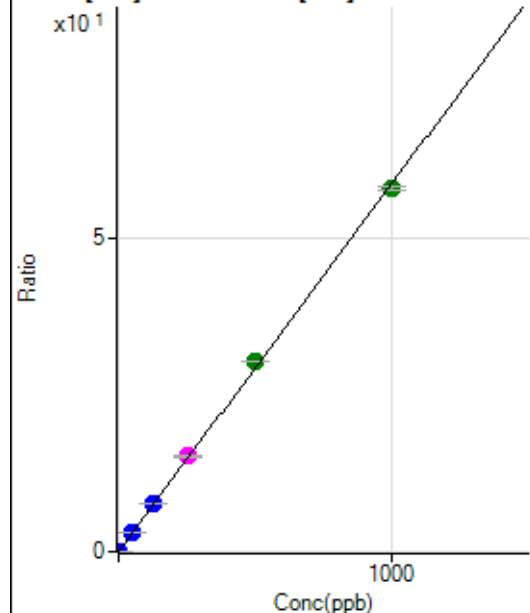
$$DL = 0.01424$$

$$BEC = 0.006625$$

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	1107.83	0.0116	P	2.3
2	☐	2.000	2.185	13049.37	0.1396	P	0.9
3	☐	50.000	53.550	282691.18	3.1487	P	0.3
4	☐	125.000	130.098	682153.27	7.6329	P	0.9
5	☐	250.000	260.198	1324409.33	15.2544	M	1.2
6	☐	500.000	519.523	2663629.46	30.4460	A	0.2
7	☐	1000.000	986.874	5169314.09	57.8240	A	1.1
8	☐			43924.99	0.4910	P	2.3

$$y = 0.0586 * x + 0.0116$$

$$R = 0.9997$$

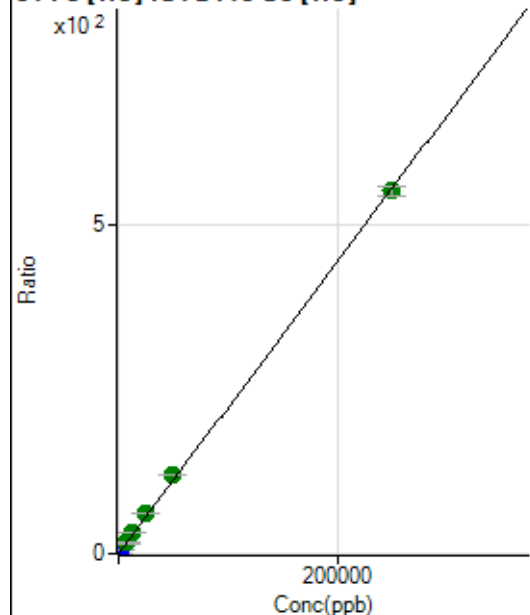
$$DL = 0.01371$$

$$BEC = 0.1987$$

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	700.03	0.0074	P	4.8
2	☐	50.000	62.431	13601.03	0.1455	P	1.3
3	☐	2500.000	2955.192	587865.98	6.5479	P	0.3
4	☐	6250.000	7270.080	1438648.24	16.0979	A	1.5
5	☐	12500.000	14629.625	2811908.39	32.3864	A	0.4
6	☐	25000.000	27810.921	5385390.62	61.5600	A	1.1
7	☐	50000.000	53693.500	10624344.63	118.8447	A	0.9
8	☐	250000.00	248843.67	49272011.49	550.7615	A	2.8

$$y = 0.0022 * x + 0.0074$$

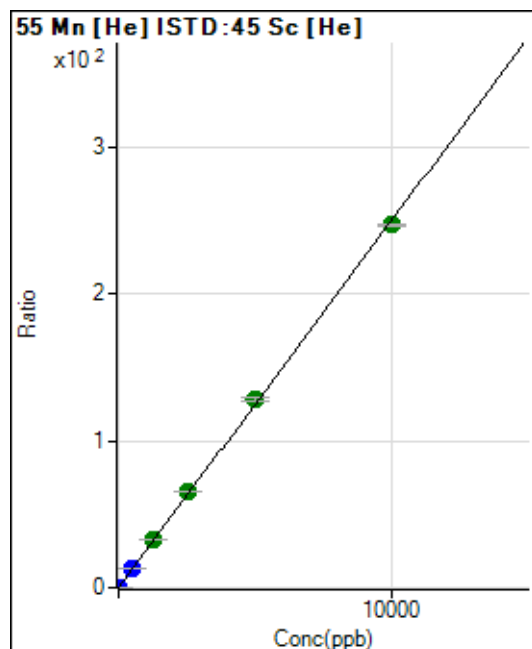
$$R = 0.9998$$

$$DL = 0.4834$$

$$BEC = 3.324$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2483.57	0.0261	P	3.5
2	☐	1.000	1.112	5033.16	0.0539	P	2.4
3	☐	500.000	535.030	1201535.86	13.3832	P	0.7
4	☐	1250.000	1322.782	2953604.37	33.0496	A	1.1
5	☐	2500.000	2621.455	5684604.22	65.4712	A	0.7
6	☐	5000.000	5144.955	11238399.83	128.4709	A	1.8
7	☐	10000.000	9886.310	22066822.17	246.8398	A	0.6
8	☐			11832.75	0.1323	P	3.7

$$y = 0.0250 * x + 0.0261$$

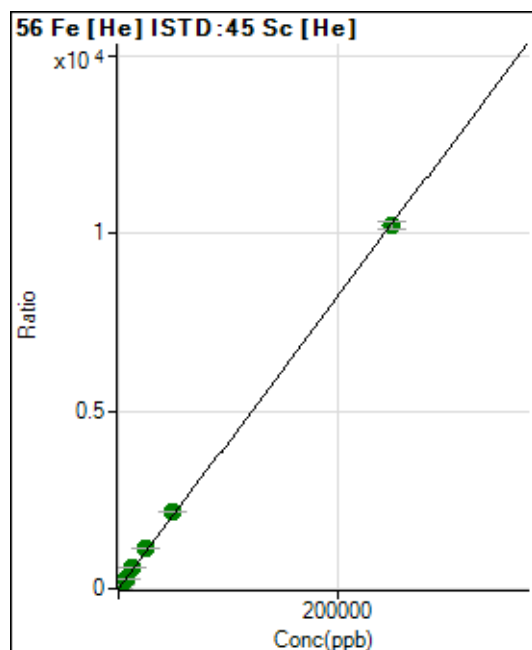
$$R = 0.9998$$

$$DL = 0.1111$$

$$BEC = 1.045$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8985.12	0.0944	P	2.4
2	☐	50.000	60.703	241337.75	2.5823	P	0.8
3	☐	2500.000	2961.888	10906266.09	121.4874	A	1.5
4	☐	6250.000	7151.164	26203006.00	293.1848	A	0.3
5	☐	12500.000	14194.268	50517962.58	581.8464	A	0.8
6	☐	25000.000	27711.834	99372957.41	1,135.8638	A	0.7
7	☐	50000.000	53219.589	195003961.5	2,181.2991	A	0.6
8	☐	250000.00	248973.03	912939701.9	10,204.253	A	2.1

$$y = 0.0410 * x + 0.0944$$

$$R = 0.9999$$

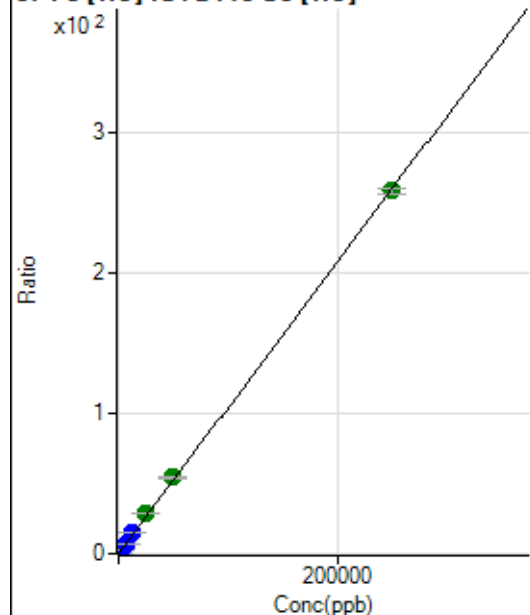
$$DL = 0.1687$$

$$BEC = 2.303$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	227.78	0.0024	P	8.5
2	☐	50.000	60.202	6058.01	0.0648	P	5.4
3	☐	2500.000	2895.127	269797.41	3.0052	P	0.5
4	☐	6250.000	6992.751	648409.49	7.2552	P	0.4
5	☐	12500.000	13920.122	1253752.40	14.4401	P	0.4
6	☐	25000.000	28026.432	2543284.32	29.0710	A	0.7
7	☐	50000.000	52397.210	4858543.40	54.3480	A	1.2
8	☐	250000.00	249124.38	23118072.43	258.3906	A	1.9

$$y = 0.0010 * x + 0.0024$$

$$R = 0.9999$$

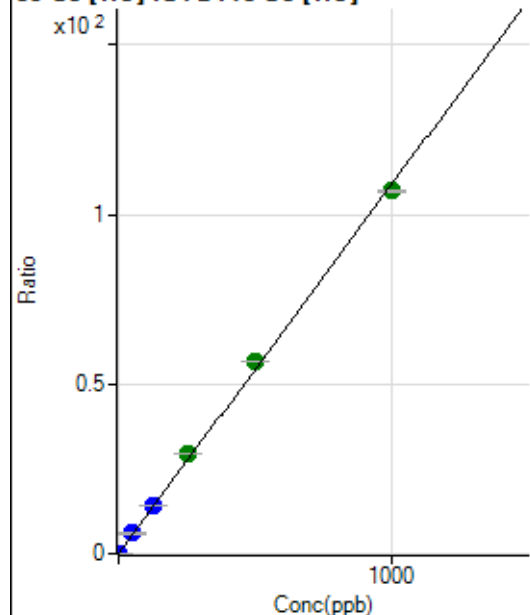
$$DL = 0.5864$$

$$BEC = 2.306$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	115.56	0.0012	P	2.6
2	☐	1.000	1.206	12366.56	0.1323	P	1.6
3	☐	50.000	54.861	535582.50	5.9657	P	0.7
4	☐	125.000	132.038	1283055.87	14.3564	P	0.4
5	☐	250.000	270.320	2551817.36	29.3905	A	1.2
6	☐	500.000	521.011	4955817.43	56.6456	A	0.8
7	☐	1000.000	983.292	9557079.30	106.9048	A	0.5
8	☐			19807.21	0.2214	P	2.8

$$y = 0.1087 * x + 0.0012$$

$$R = 0.9994$$

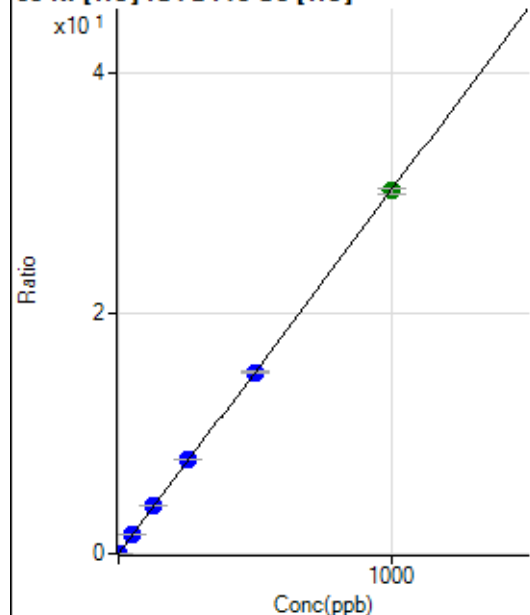
$$DL = 0.0008589$$

$$BEC = 0.01117$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	604.47	0.0063	P	9.6
2	☐	1.000	1.190	3955.03	0.0423	P	1.7
3	☐	50.000	54.125	147449.29	1.6424	P	0.2
4	☐	125.000	131.281	355213.55	3.9745	P	0.5
5	☐	250.000	258.799	679744.09	7.8290	P	0.2
6	☐	500.000	498.169	1317865.15	15.0643	P	0.8
7	☐	1000.000	997.724	2696585.60	30.1642	A	1.8
8	☐			12840.34	0.1435	P	2.2

$$y = 0.0302 * x + 0.0063$$

$$R = 0.9999$$

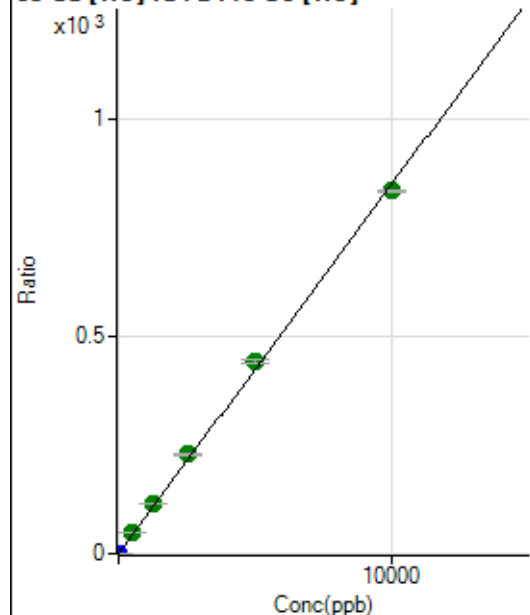
$$DL = 0.0605$$

$$BEC = 0.2099$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2388.01	0.0251	P	3.7
2	☐	2.000	2.399	21347.25	0.2284	P	1.4
3	☐	500.000	573.088	4362855.39	48.5982	A	1.1
4	☐	1250.000	1365.383	10344303.46	115.7504	A	2.0
5	☐	2500.000	2689.746	19795525.40	227.9991	A	0.6
6	☐	5000.000	5212.309	38649659.98	441.8032	A	1.1
7	☐	10000.000	9828.332	74471565.56	833.0422	A	0.8
8	☐			20756.37	0.2320	P	2.8

$$y = 0.0848 * x + 0.0251$$

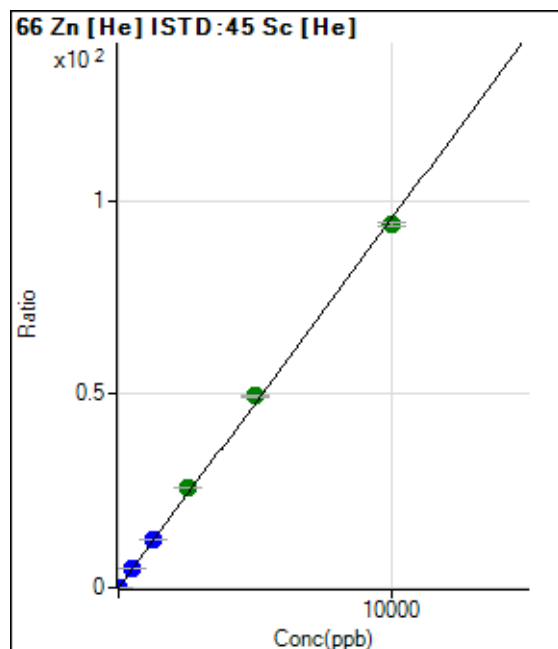
$$R = 0.9994$$

$$DL = 0.03307$$

$$BEC = 0.2961$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1490.09	0.0157	P	2.7
2	☐	2.000	5.714	6549.35	0.0701	P	0.6
3	☐	500.000	543.556	466163.99	5.1925	P	0.6
4	☐	1250.000	1317.468	1122790.08	12.5632	P	0.5
5	☐	2500.000	2700.246	2234221.89	25.7328	A	0.2
6	☐	5000.000	5201.867	4335433.79	49.5582	A	1.3
7	☐	10000.000	9838.393	8377962.72	93.7164	A	0.9
8	☐			49937.55	0.5582	P	2.7

$$y = 0.0095 * x + 0.0157$$

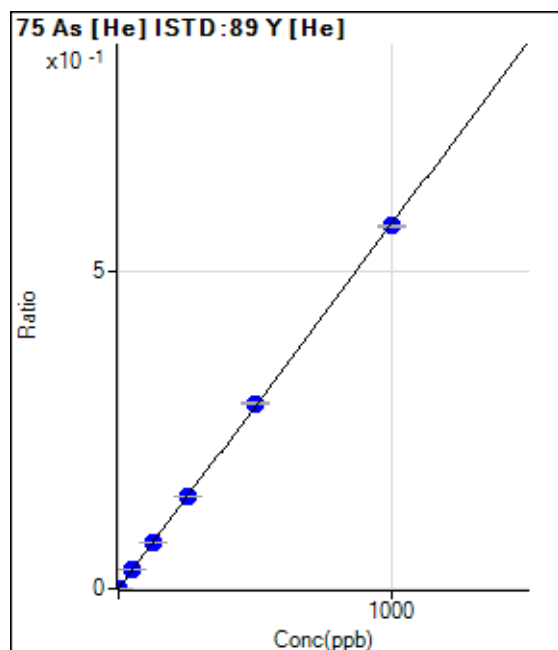
$$R = 0.9995$$

$$DL = 0.1319$$

$$BEC = 1.644$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	10.00	0.0000	P	57.5
2	☐	1.000	1.203	685.58	0.0007	P	11.2
3	☐	50.000	51.902	28681.45	0.0299	P	0.8
4	☐	125.000	126.838	68824.67	0.0730	P	0.3
5	☐	250.000	253.485	135602.74	0.1458	P	0.3
6	☐	500.000	507.855	267792.96	0.2921	P	1.2
7	☐	1000.000	994.876	522485.88	0.5722	P	0.8
8	☐			273.34	0.0003	P	6.5

$$y = 5.7516E-004 * x + 1.0065E-005$$

$$R = 0.9999$$

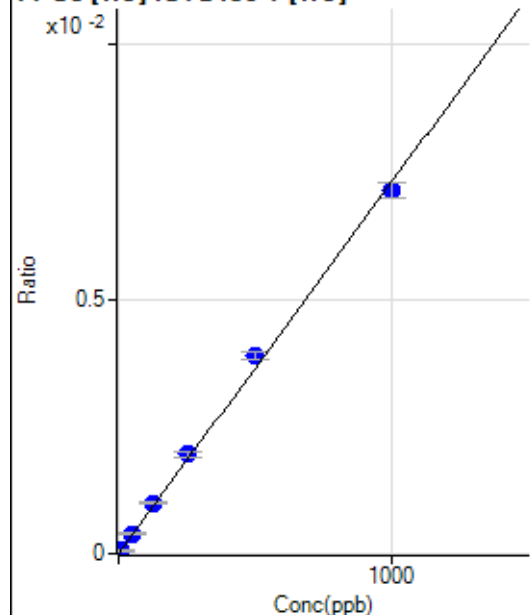
$$DL = 0.03021$$

$$BEC = 0.0175$$

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	7.967	56.67	0.0001	P	30.0
3	☐	50.000	54.252	380.01	0.0004	P	6.7
4	☐	125.000	136.314	937.82	0.0010	P	3.5
5	☐	250.000	267.517	1814.58	0.0020	P	5.3
6	☐	500.000	534.564	3573.83	0.0039	P	3.4
7	☐	1000.000	976.697	6502.67	0.0071	P	4.3
8	☐			1.11	0.0000	P	173.2

$$y = 7.2929E-006 * x + 0.0000E+000$$

$$R = 0.9989$$

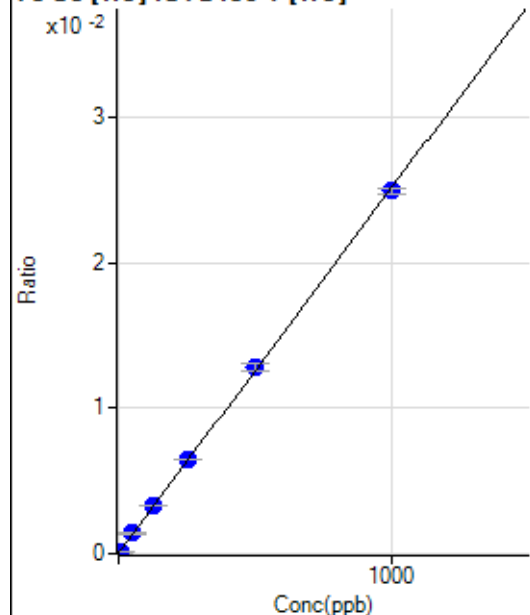
$$DL = 0$$

$$BEC = 0$$

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	28.89	0.0000	P	35.1
2	☐	5.000	5.280	157.78	0.0002	P	28.9
3	☐	50.000	55.657	1371.20	0.0014	P	9.9
4	☐	125.000	131.124	3134.83	0.0033	P	1.1
5	☐	250.000	256.408	6018.01	0.0065	P	1.4
6	☐	500.000	510.906	11792.82	0.0129	P	3.7
7	☐	1000.000	991.895	22779.58	0.0249	P	1.3
8	☐			30.00	0.0000	P	59.7

$$y = 2.5122E-005 * x + 2.9084E-005$$

$$R = 0.9999$$

$$DL = 1.221$$

$$BEC = 1.158$$

Weight: <None>

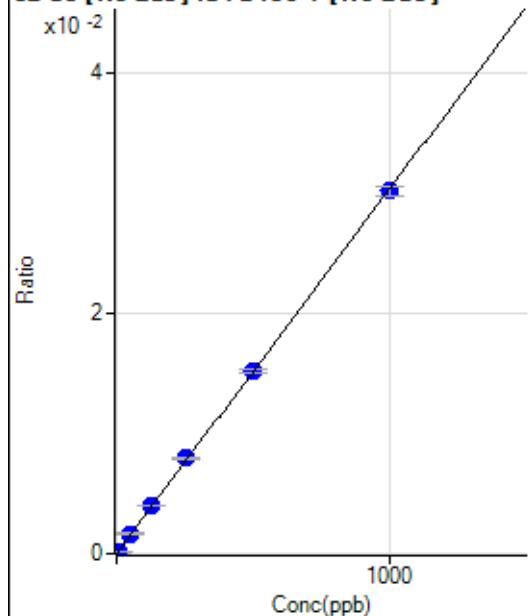
Min Conc: 0

81 Br [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			29055.69		P	1.4
2	☐			28464.51		P	1.1
3	☐			28543.60		P	1.2
4	☐			27261.11		P	1.1
5	☐			27002.78		P	0.7
6	☐			26952.69		P	1.9
7	☐			28219.61		P	1.8
8	☐			26741.13		P	0.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-20.00	0.0000	P	-294.
2	☐	5.000	5.826	2211.35	0.0002	P	4.2
3	☐	50.000	54.976	20769.29	0.0017	P	2.8
4	☐	125.000	132.124	50228.23	0.0040	P	1.1
5	☐	250.000	262.181	98442.31	0.0080	P	1.7
6	☐	500.000	501.333	188567.62	0.0152	P	1.2
7	☐	1000.000	995.145	366825.44	0.0302	P	2.3
8	☐			305.57	0.0000	P	18.1

$$y = 3.0374E-005 * x - 1.5602E-006$$

$$R = 0.9999$$

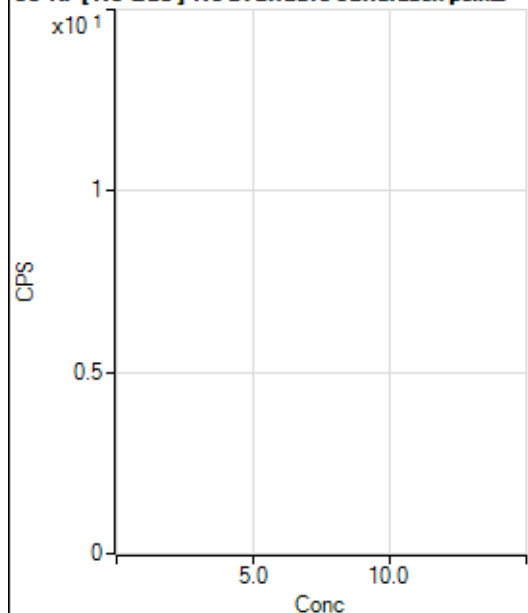
$$DL = 0.454$$

$$BEC = -0.05137$$

Weight: <None>

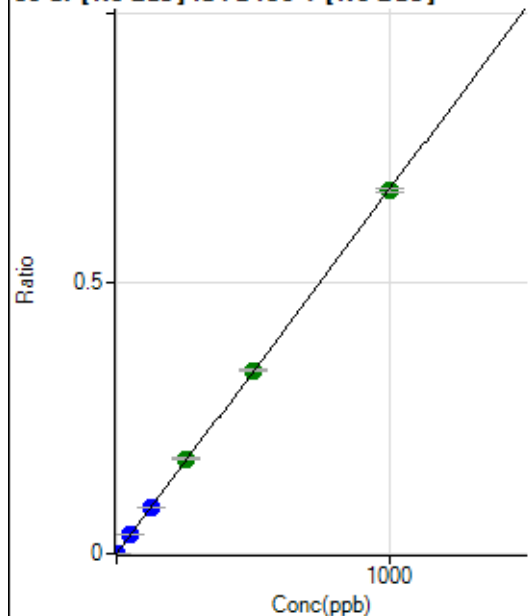
Min Conc: 0

83 Kr [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			281.12		P	14.1
2	☐			261.12		P	6.0
3	☐			304.45		P	14.8
4	☐			248.90		P	15.1
5	☐			303.34		P	16.4
6	☐			277.79		P	4.9
7	☐			302.23		P	5.0
8	☐			350.01		P	14.4

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	504.46	0.0000	P	6.1
2	☐	1.000	1.076	9626.71	0.0008	P	2.0
3	☐	50.000	51.499	432286.23	0.0347	P	0.9
4	☐	125.000	125.161	1056026.32	0.0843	P	0.7
5	☐	250.000	260.507	2169827.12	0.1755	A	1.9
6	☐	500.000	502.894	4195572.09	0.3388	A	0.8
7	☐	1000.000	995.831	8142615.37	0.6708	A	0.9
8	☐			26058.81	0.0022	P	2.0

$$y = 6.7355E-004 * x + 3.9038E-005$$

$$R = 0.9999$$

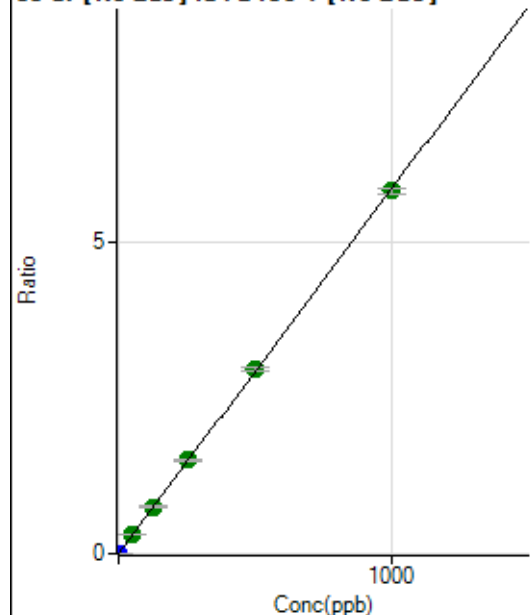
$$DL = 0.01054$$

$$BEC = 0.05796$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	590.02	0.0000	P	5.2
2	☐	1.000	1.063	78931.35	0.0063	P	2.1
3	☐	50.000	53.310	3880420.81	0.3117	A	0.5
4	☐	125.000	128.630	9415954.93	0.7520	A	1.1
5	☐	250.000	255.886	18496788.75	1.4960	A	1.2
6	☐	500.000	505.868	36633841.95	2.9574	A	1.4
7	☐	1000.000	994.975	70606156.17	5.8169	A	1.8
8	☐			221817.56	0.0188	P	1.7

$$y = 0.0058 * x + 4.5685E-005$$

$$R = 1.0000$$

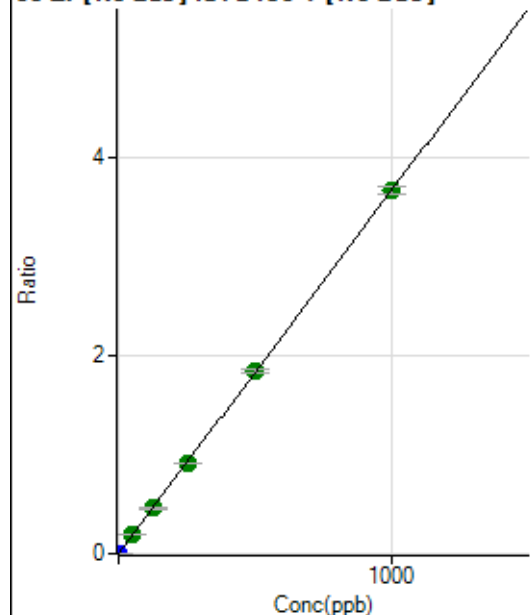
$$DL = 0.001214$$

$$BEC = 0.007815$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1115.69	0.0001	P	16.9
2	☐	1.000	1.044	49293.43	0.0039	P	2.0
3	☐	50.000	52.514	2396256.54	0.1925	A	1.7
4	☐	125.000	125.617	5764066.16	0.4604	A	2.4
5	☐	250.000	249.833	11320138.86	0.9155	A	0.3
6	☐	500.000	501.521	22761754.38	1.8377	A	1.9
7	☐	1000.000	999.079	44435909.34	3.6608	A	2.1
8	☐			20175.82	0.0017	P	2.4

$$y = 0.0037 * x + 8.6343E-005$$

$$R = 1.0000$$

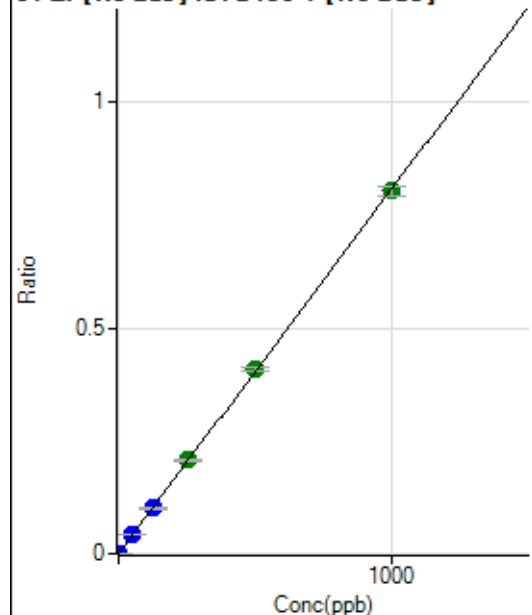
$$DL = 0.01193$$

$$BEC = 0.02356$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	245.56	0.0000	P	8.9
2	☐	1.000	1.045	10874.32	0.0009	P	3.7
3	☐	50.000	51.038	512983.98	0.0412	P	0.9
4	☐	125.000	124.179	1254967.49	0.1002	P	2.1
5	☐	250.000	256.192	2556354.47	0.2068	A	2.1
6	☐	500.000	505.762	5055619.79	0.4082	A	1.8
7	☐	1000.000	995.621	9753037.49	0.8035	A	2.4
8	☐			4541.89	0.0004	P	0.2

$$y = 8.0701E-004 * x + 1.8999E-005$$

$$R = 1.0000$$

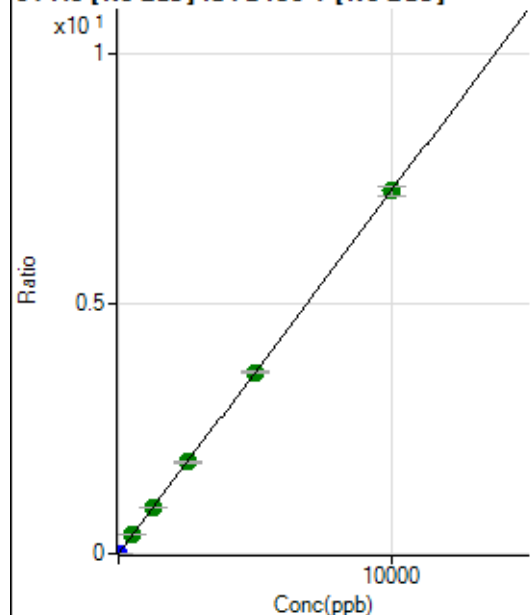
$$DL = 0.006269$$

$$BEC = 0.02354$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	453.35	0.0000	P	2.0
2	☐	5.000	6.146	56738.40	0.0045	P	1.1
3	☐	500.000	518.395	4689056.28	0.3767	A	1.2
4	☐	1250.000	1268.911	11544239.27	0.9220	A	0.7
5	☐	2500.000	2519.634	22635161.89	1.8308	A	1.6
6	☐	5000.000	4991.390	44921868.78	3.6267	A	1.5
7	☐	10000.000	9996.112	88145993.13	7.2630	A	2.5
8	☐			17289.75	0.0015	P	2.8

$$y = 7.2658E-004 * x + 3.5097E-005$$

$$R = 1.0000$$

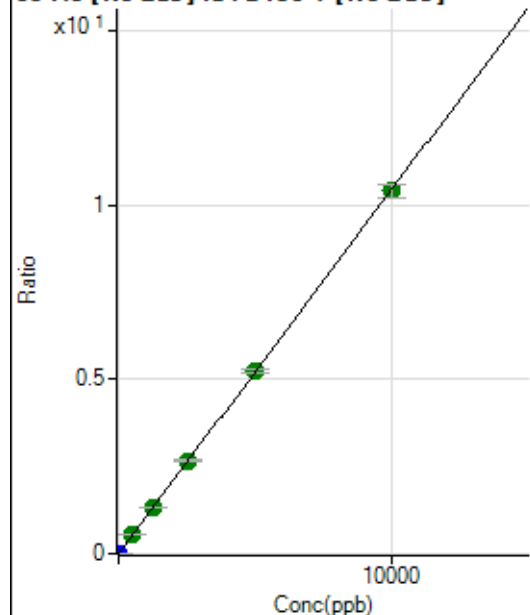
$$DL = 0.002846$$

$$BEC = 0.0483$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	234.45	0.0000	P	24.0
2	☐	5.000	5.291	69957.07	0.0055	P	1.4
3	☐	500.000	524.868	6831090.73	0.5487	A	0.3
4	☐	1250.000	1283.169	16795093.64	1.3414	A	0.6
5	☐	2500.000	2551.080	32970392.56	2.6668	A	1.7
6	☐	5000.000	5027.486	65101589.03	5.2554	A	2.0
7	☐	10000.000	9968.098	126454170.3	10.4201	A	3.8
8	☐			16868.09	0.0014	P	3.0

$$y = 0.0010 * x + 1.8141E-005$$

$$R = 1.0000$$

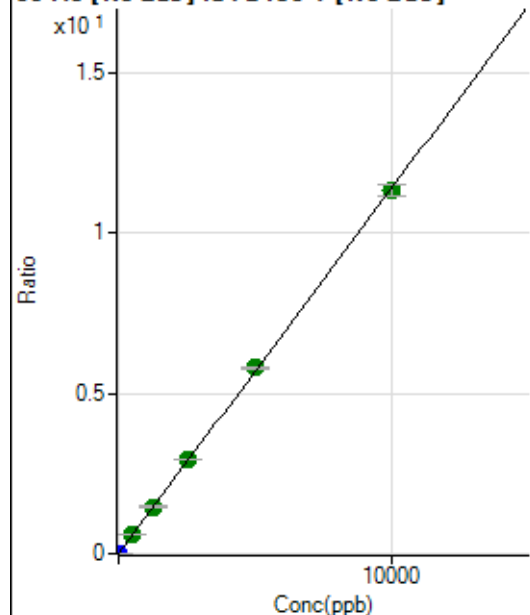
$$DL = 0.01251$$

$$BEC = 0.01735$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	295.56	0.0000	P	13.5
2	☐	5.000	5.320	76753.79	0.0061	P	1.3
3	☐	500.000	526.939	7478302.25	0.6007	A	1.0
4	☐	1250.000	1282.637	18307912.37	1.4623	A	2.4
5	☐	2500.000	2573.491	36277438.62	2.9339	A	0.8
6	☐	5000.000	5084.122	71793770.60	5.7961	A	0.9
7	☐	10000.000	9934.139	137441615.7	11.3252	A	3.0
8	☐			31912.25	0.0027	P	2.7

$$y = 0.0011 * x + 2.2871E-005$$

$$R = 0.9999$$

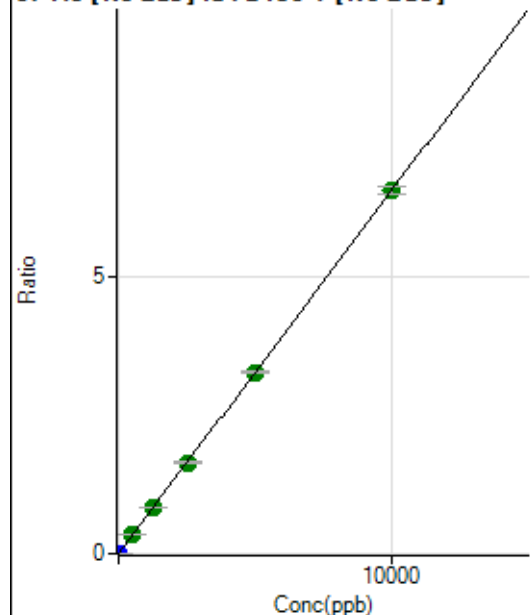
$$DL = 0.008107$$

$$BEC = 0.02006$$

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	152.23	0.0000	P	10.2
2	☐	5.000	5.198	43221.52	0.0034	P	3.0
3	☐	500.000	526.257	4306202.43	0.3460	A	2.3
4	☐	1250.000	1257.954	10354270.95	0.8270	A	1.8
5	☐	2500.000	2515.509	20449750.81	1.6537	A	0.8
6	☐	5000.000	4994.019	40664362.17	3.2831	A	0.6
7	☐	10000.000	9996.806	79764164.37	6.5719	A	2.0
8	☐			10618.62	0.0009	P	7.4

$$y = 6.5740E-004 * x + 1.1786E-005$$

$$R = 1.0000$$

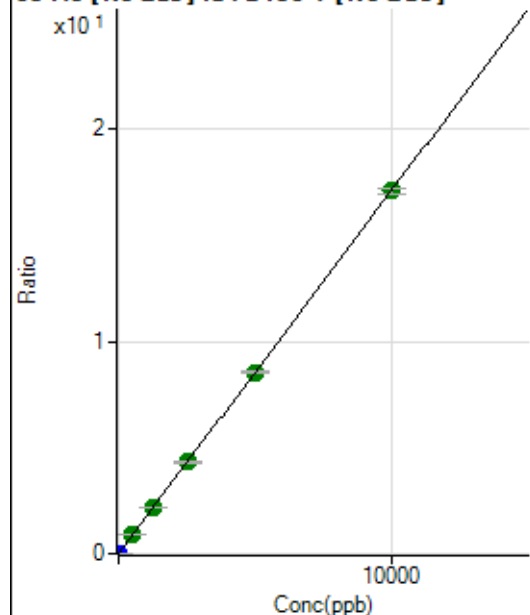
$$DL = 0.005474$$

$$BEC = 0.01793$$

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	341.12	0.0000	P	10.0
2	☐	5.000	5.220	112819.74	0.0089	P	2.1
3	☐	500.000	516.509	10990161.37	0.8829	A	1.4
4	☐	1250.000	1257.065	26902997.38	2.1488	A	1.7
5	☐	2500.000	2517.958	53220974.76	4.3041	A	0.9
6	☐	5000.000	5002.188	105903809.5	8.5504	A	0.3
7	☐	10000.000	9992.708	207327001.3	17.0809	A	1.6
8	☐			26114.65	0.0022	P	6.5

$$y = 0.0017 * x + 2.6415E-005$$

$$R = 1.0000$$

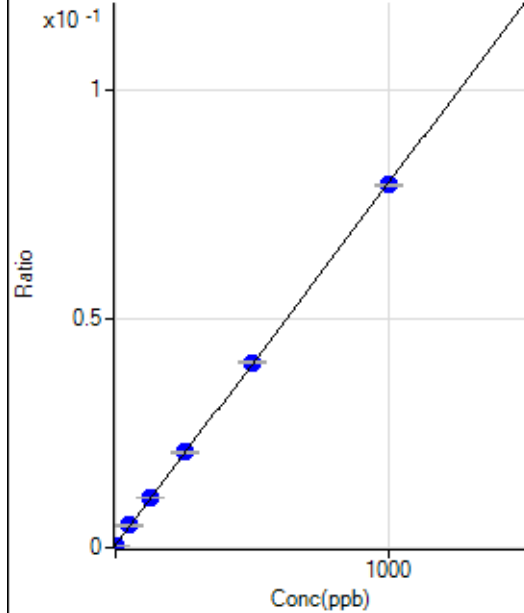
$$DL = 0.004647$$

$$BEC = 0.01545$$

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	4810.89	0.0005	P	2.3
2	☐	1.000	1.053	5416.67	0.0006	P	2.3
3	☐	50.000	54.550	43100.46	0.0049	P	1.0
4	☐	125.000	132.037	97882.55	0.0110	P	0.6
5	☐	250.000	257.803	185925.35	0.0210	P	2.3
6	☐	500.000	504.042	360584.51	0.0404	P	1.4
7	☐	1000.000	994.921	694508.10	0.0793	P	0.4
8	☐			4459.65	0.0005	P	1.2

$$y = 7.9186E-005 * x + 5.3614E-004$$

R = 0.9999

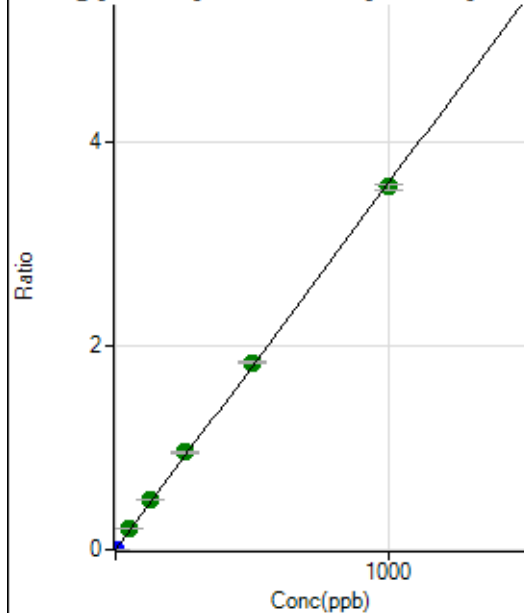
DL = 0.4612

BEC = 6.771

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	150.00	0.0000	P	21.4
2	☐	1.000	1.108	35053.41	0.0040	P	2.0
3	☐	50.000	57.367	1835385.47	0.2068	A	1.6
4	☐	125.000	136.774	4390987.64	0.4931	A	1.5
5	☐	250.000	266.142	8515001.19	0.9594	A	1.7
6	☐	500.000	509.314	16367347.26	1.8360	A	1.1
7	☐	1000.000	989.467	31228737.04	3.5669	A	1.9
8	☐			3127.06	0.0004	P	15.9

$$y = 0.0036 * x + 1.6715E-005$$

R = 0.9998

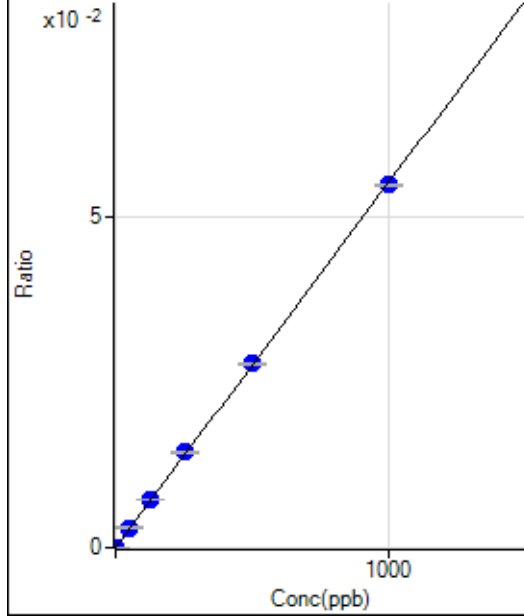
DL = 0.002971

BEC = 0.004637

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	14.44	0.0000	P	13.5
2	☐	1.000	1.119	554.46	0.0001	P	3.5
3	☐	50.000	54.966	26944.12	0.0030	P	2.4
4	☐	125.000	131.279	64557.05	0.0072	P	0.4
5	☐	250.000	261.100	127956.46	0.0144	P	1.3
6	☐	500.000	504.350	248251.69	0.0278	P	0.9
7	☐	1000.000	994.017	480512.08	0.0549	P	0.7
8	☐			184.45	0.0000	P	9.6

$$y = 5.5207\text{E-}005 * x + 1.6098\text{E-}006$$

$$R = 0.9999$$

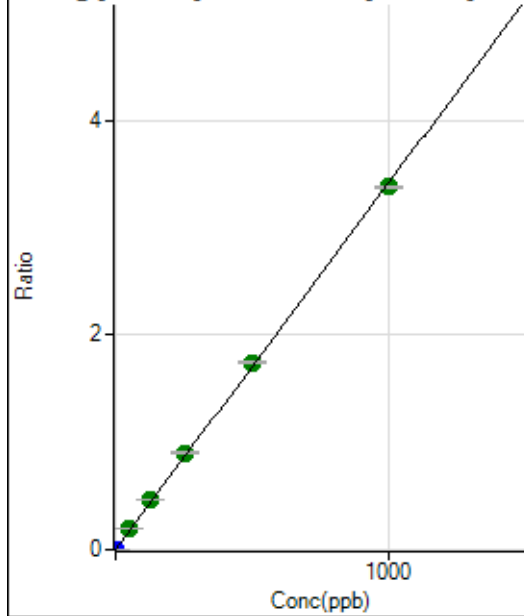
$$DL = 0.01177$$

$$BEC = 0.02916$$

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	81.11	0.0000	P	10.5
2	☐	1.000	1.104	33045.24	0.0038	P	2.8
3	☐	50.000	56.559	1713799.50	0.1931	A	1.3
4	☐	125.000	135.397	4116801.36	0.4623	A	0.6
5	☐	250.000	264.215	8006635.09	0.9021	A	1.5
6	☐	500.000	509.620	15513060.33	1.7399	A	1.0
7	☐	1000.000	990.009	29595175.95	3.3801	A	0.8
8	☐			2894.78	0.0003	P	13.6

$$y = 0.0034 * x + 9.0400\text{E-}006$$

$$R = 0.9998$$

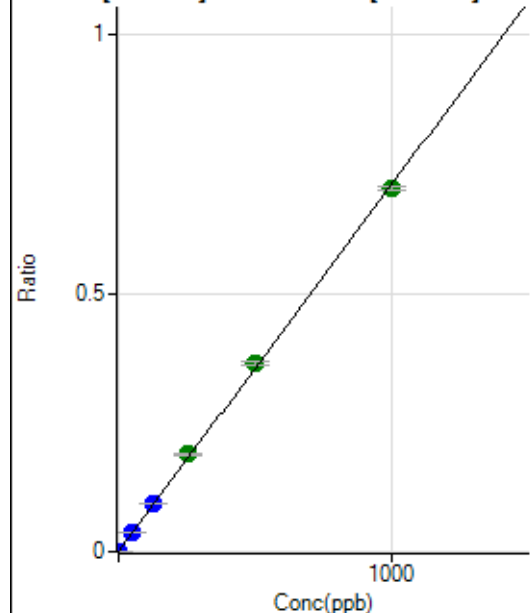
$$DL = 0.0008305$$

$$BEC = 0.002648$$

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	3390.84	0.0004	P	1.9
2	☐	1.000	1.165	10537.69	0.0012	P	2.1
3	☐	50.000	53.664	341556.36	0.0385	P	1.0
4	☐	125.000	131.029	831965.34	0.0934	P	0.8
5	☐	250.000	264.661	1671367.38	0.1883	A	1.7
6	☐	500.000	513.278	3252825.28	0.3649	A	2.3
7	☐	1000.000	988.759	6150866.15	0.7025	A	1.1
8	☐			4078.25	0.0005	P	0.5

$$y = 7.1011E-004 * x + 3.7789E-004$$

$$R = 0.9997$$

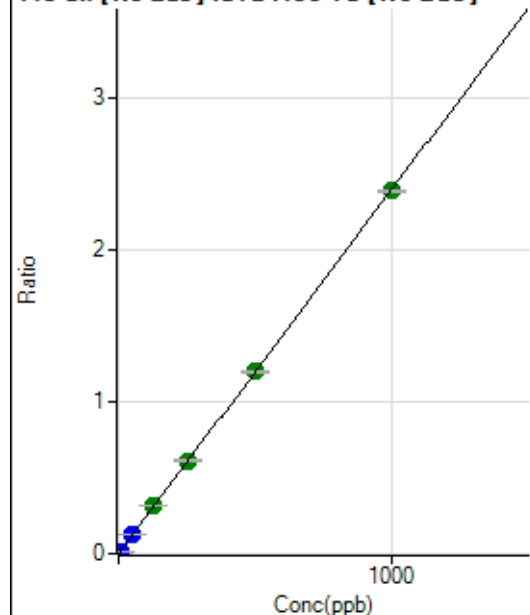
$$DL = 0.03042$$

$$BEC = 0.5322$$

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	3468.25	0.0004	P	1.3
2	☐	5.000	5.344	115211.89	0.0132	P	0.6
3	☐	50.000	51.371	1094587.06	0.1233	P	1.1
4	☐	125.000	131.107	2798129.23	0.3142	A	1.0
5	☐	250.000	256.011	5441935.41	0.6131	A	1.3
6	☐	500.000	501.258	10697963.94	1.2000	A	1.0
7	☐	1000.000	997.035	20896606.63	2.3866	A	0.6
8	☐			6566.09	0.0008	P	5.2

$$y = 0.0024 * x + 3.8652E-004$$

$$R = 1.0000$$

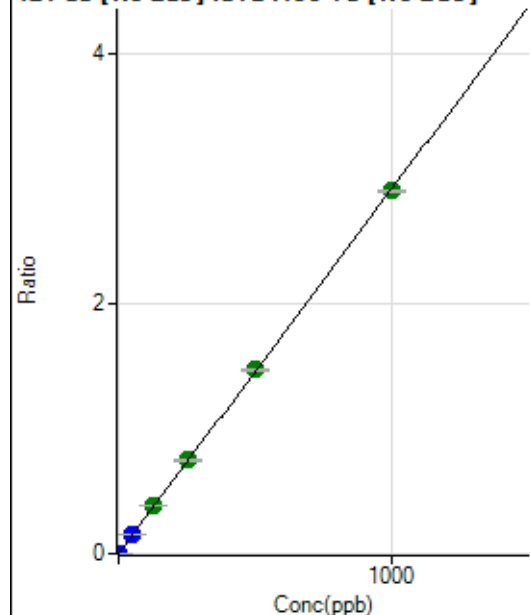
$$DL = 0.006202$$

$$BEC = 0.1615$$

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	76.67	0.0000	P	34.4
2	☐	2.000	2.133	54393.15	0.0062	P	1.2
3	☐	50.000	51.631	1334939.85	0.1504	P	1.1
4	☐	125.000	131.106	3401202.52	0.3819	A	0.9
5	☐	250.000	255.988	6619021.71	0.7457	A	1.2
6	☐	500.000	504.082	13092320.91	1.4685	A	1.1
7	☐	1000.000	995.617	25395113.79	2.9004	A	0.6
8	☐			15286.41	0.0018	P	3.1

$$y = 0.0029 * x + 8.5427E-006$$

$$R = 1.0000$$

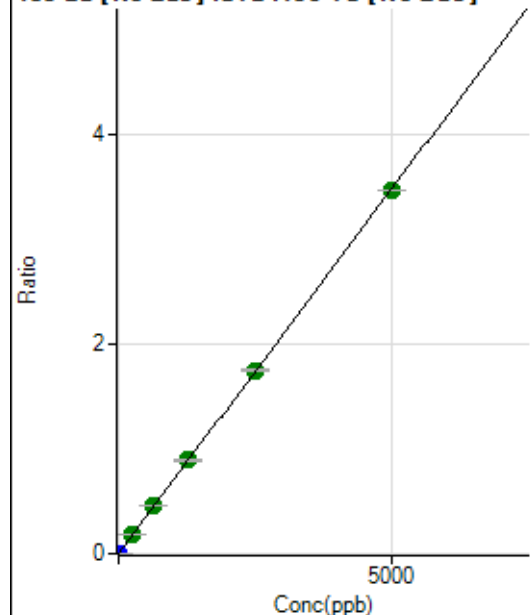
$$DL = 0.003029$$

$$BEC = 0.002932$$

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	162.22	0.0000	P	4.1
2	☐	10.000	10.785	65849.05	0.0075	P	1.0
3	☐	250.000	268.932	1663356.16	0.1874	A	2.0
4	☐	625.000	654.816	4061807.93	0.4562	A	2.5
5	☐	1250.000	1287.419	7960750.02	0.8969	A	1.5
6	☐	2500.000	2518.210	15640669.63	1.7544	A	0.6
7	☐	5000.000	4976.865	30358660.10	3.4672	A	0.1
8	☐			11542.79	0.0014	P	2.5

$$y = 6.9667E-004 * x + 1.8078E-005$$

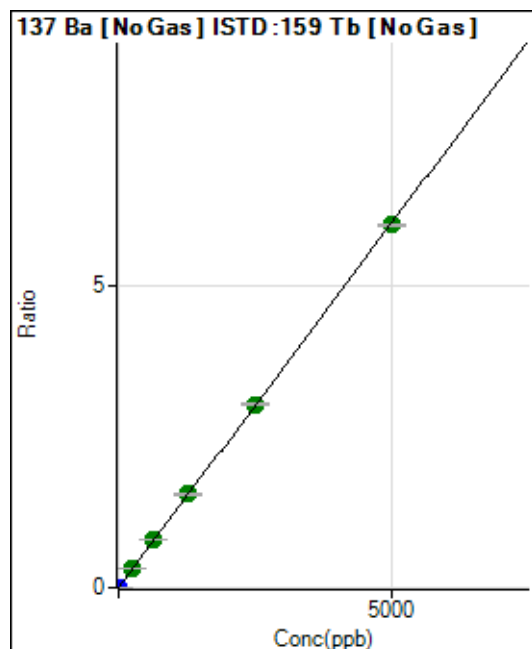
$$R = 1.0000$$

$$DL = 0.003205$$

$$BEC = 0.02595$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	311.12	0.0000	P	5.9
2	☐	10.000	10.914	115186.16	0.0132	P	0.6
3	☐	250.000	270.212	2887628.64	0.3254	A	1.7
4	☐	625.000	652.870	6999602.05	0.7861	A	1.6
5	☐	1250.000	1284.483	13724522.58	1.5466	A	2.9
6	☐	2500.000	2519.046	27036678.76	3.0330	A	1.9
7	☐	5000.000	4977.360	52473525.89	5.9928	A	0.6
8	☐			20369.89	0.0024	P	3.5

$$y = 0.0012 * x + 3.4672E-005$$

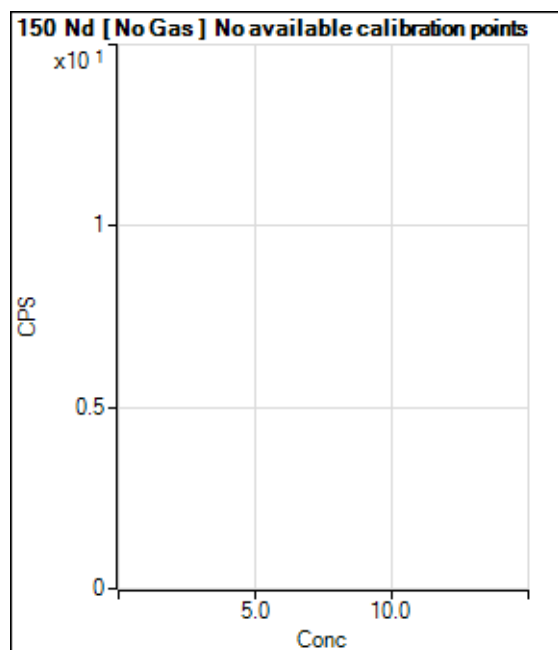
$$R = 1.0000$$

$$DL = 0.005096$$

$$BEC = 0.0288$$

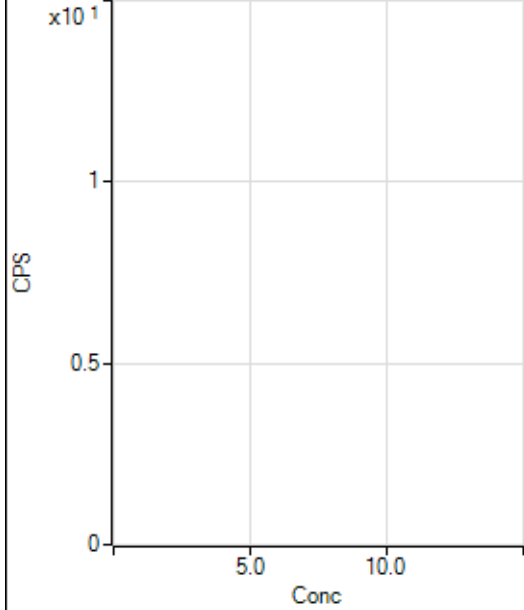
Weight: <None>

Min Conc: 0



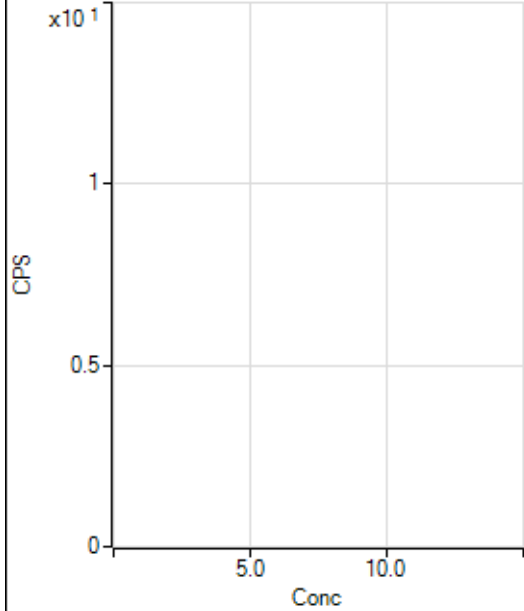
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	50.0
2	☐			14.45		P	26.7
3	☐			163.34		P	12.4
4	☐			282.23		P	7.2
5	☐			574.46		P	4.2
6	☐			1067.83		P	3.7
7	☐			2094.63		P	5.7
8	☐			441.12		P	9.4

150 Nd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			4.44		P	173.2
4	☐			12.22		P	15.7
5	☐			31.11		P	27.0
6	☐			26.67		P	25.0
7	☐			110.00		P	16.0
8	☐			120.00		P	25.5

156 Dy [No Gas] No available calibration points



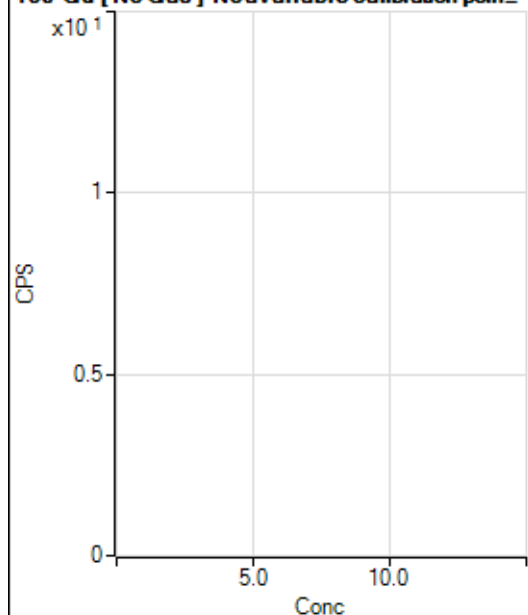
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			14.44		P	81.1
2	☐			17.78		P	28.6
3	☐			53.33		P	28.6
4	☐			92.22		P	11.6
5	☐			165.56		P	14.6
6	☐			281.12		P	6.7
7	☐			576.68		P	4.7
8	☐			860.04		P	5.7

156 Dy [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			3.33		P	0.0
2	☐			7.78		P	24.7
3	☐			8.89		P	43.3
4	☐			14.45		P	26.7
5	☐			30.00		P	33.3
6	☐			56.67		P	35.8
7	☐			98.89		P	1.9
8	☐			263.34		P	7.9

160 Gd [No Gas] Noavailable calibration poin_



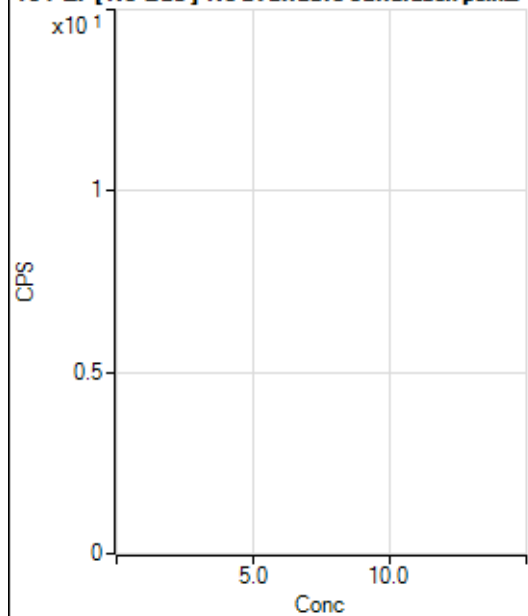
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			88.89		P	21.3
2	☐			104.44		P	13.3
3	☐			110.00		P	10.5
4	☐			136.67		P	21.3
5	☐			138.89		P	20.4
6	☐			216.67		P	17.7
7	☐			323.34		P	3.7
8	☐			828.92		P	4.7

160 Gd [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	45.6
2	☐			18.89		P	40.7
3	☐			23.33		P	57.2
4	☐			23.33		P	37.8
5	☐			48.89		P	35.0
6	☐			74.45		P	5.2
7	☐			93.33		P	3.6
8	☐			334.46		P	14.2

164 Er [No Gas] No available calibration points



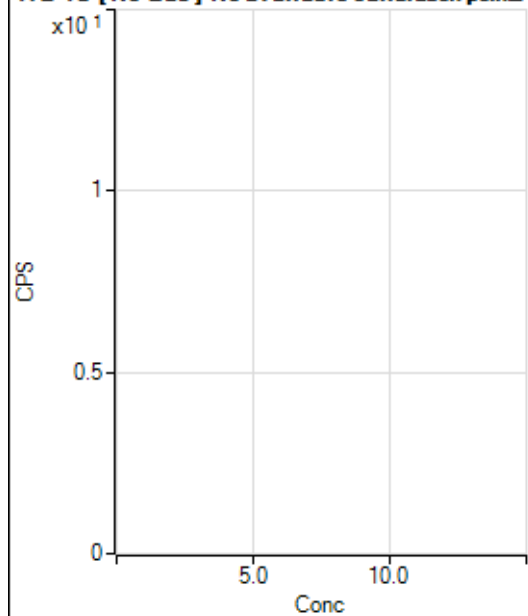
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			51.11		P	7.5
2	☐			50.00		P	0.0
3	☐			80.00		P	22.0
4	☐			95.56		P	26.2
5	☐			131.11		P	11.5
6	☐			224.45		P	19.1
7	☐			353.34		P	13.9
8	☐			987.83		P	7.1

164 Er [He] No available calibration points



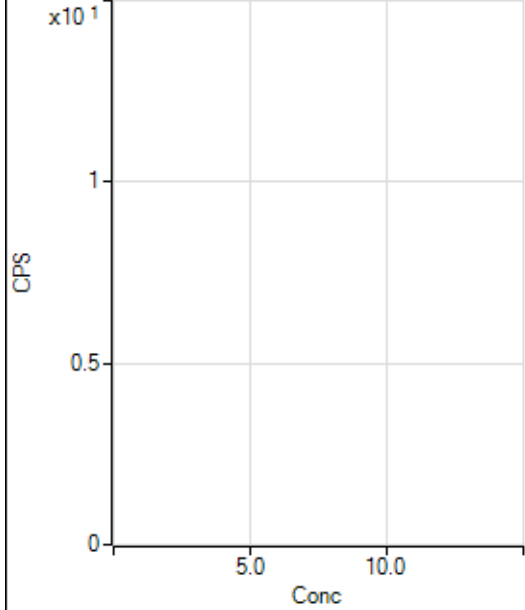
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			20.00		P	33.4
2	☐			22.22		P	22.9
3	☐			24.44		P	34.3
4	☐			41.11		P	18.7
5	☐			48.89		P	21.9
6	☐			67.78		P	5.7
7	☐			141.12		P	14.4
8	☐			386.68		P	8.2

172 Yb [No Gas] No available calibration points



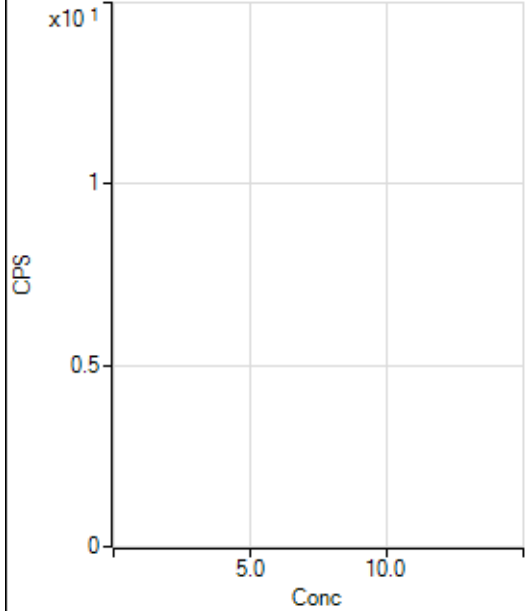
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			57.78		P	18.5
2	☐			43.33		P	20.4
3	☐			56.67		P	42.4
4	☐			95.56		P	22.4
5	☐			152.23		P	8.3
6	☐			233.34		P	19.2
7	☐			464.46		P	7.7
8	☐			1522.33		P	7.3

172 Yb [He] No available calibration points



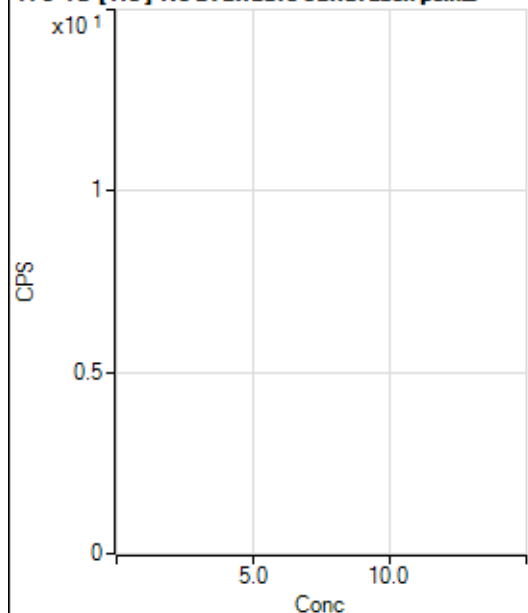
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			25.56		P	37.7
2	☐			12.22		P	41.7
3	☐			34.44		P	5.6
4	☐			44.44		P	11.5
5	☐			64.44		P	23.9
6	☐			97.78		P	30.7
7	☐			184.45		P	2.1
8	☐			750.03		P	5.0

176 Yb [No Gas] No available calibration points



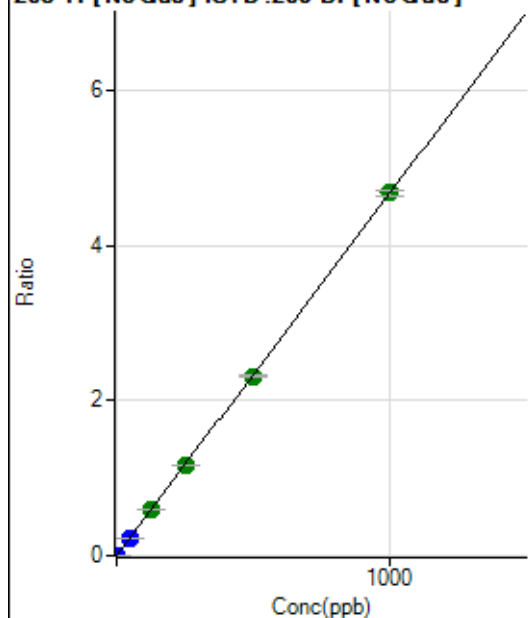
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1338.98		P	6.3
2	☐			1280.08		P	6.7
3	☐			6910.75		P	2.2
4	☐			15468.06		P	2.3
5	☐			29379.33		P	1.2
6	☐			56443.39		P	1.8
7	☐			111157.78		P	1.7
8	☐			2112.41		P	4.3

176 Yb [He] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			391.12		P	5.2
2	☐			350.01		P	17.2
3	☐			2495.82		P	4.0
4	☐			5803.54		P	2.7
5	☐			11014.68		P	0.9
6	☐			21485.29		P	0.4
7	☐			42105.80		P	1.2
8	☐			744.47		P	5.2

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	226.67	0.0000	P	3.9
2	☐	1.000	1.022	25088.73	0.0048	P	1.5
3	☐	50.000	49.458	1203997.16	0.2308	P	1.3
4	☐	125.000	126.409	3147865.51	0.5899	A	2.3
5	☐	250.000	250.387	6116279.77	1.1685	A	0.3
6	☐	500.000	495.583	11989466.77	2.3127	A	1.4
7	☐	1000.000	1001.963	22847830.21	4.6757	A	1.4
8	☐			2033.52	0.0005	P	10.1

$$y = 0.0047 * x + 4.2344E-005$$

$$R = 1.0000$$

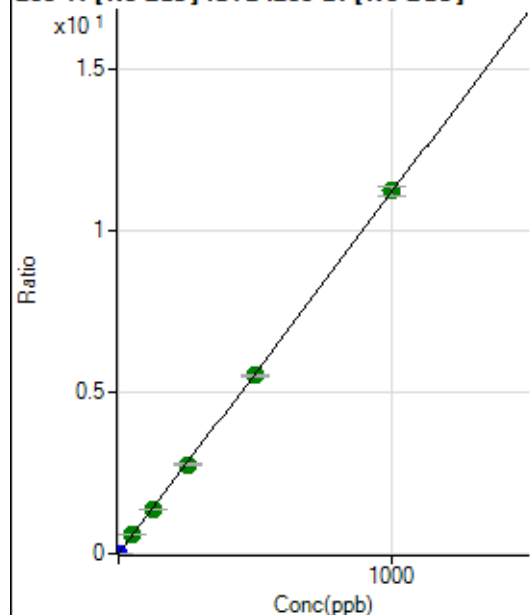
$$DL = 0.001054$$

$$BEC = 0.009074$$

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	630.02	0.0001	P	8.7
2	☐	1.000	1.005	59161.85	0.0113	P	0.2
3	☐	50.000	51.458	2999704.19	0.5751	A	0.9
4	☐	125.000	123.707	7377300.93	1.3825	A	1.8
5	☐	250.000	247.244	14462527.84	2.7629	A	1.0
6	☐	500.000	492.758	28551839.57	5.5064	A	0.6
7	☐	1000.000	1004.399	54842465.30	11.2236	A	2.7
8	☐			4764.28	0.0011	P	12.0

$$y = 0.0112 * x + 1.1761E-004$$

R = 1.0000

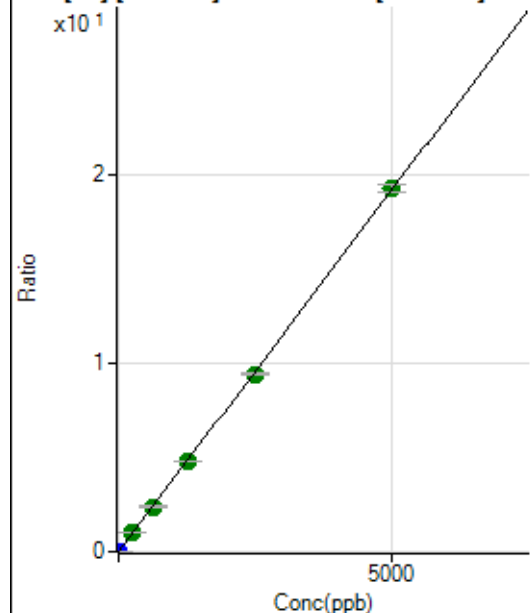
DL = 0.002743

BEC = 0.01052

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	911.15	0.0002	P	7.9
2	☐	1.000	0.973	20313.78	0.0039	P	1.4
3	☐	250.000	257.246	5137689.13	0.9851	A	0.6
4	☐	625.000	618.257	12631321.06	2.3673	A	2.5
5	☐	1250.000	1243.667	24924284.07	4.7617	A	0.7
6	☐	2500.000	2459.490	48819888.16	9.4167	A	1.0
7	☐	5000.000	5022.318	93959933.04	19.2289	A	2.0
8	☐			94093.67	0.0217	P	2.2

$$y = 0.0038 * x + 1.7023E-004$$

R = 0.9999

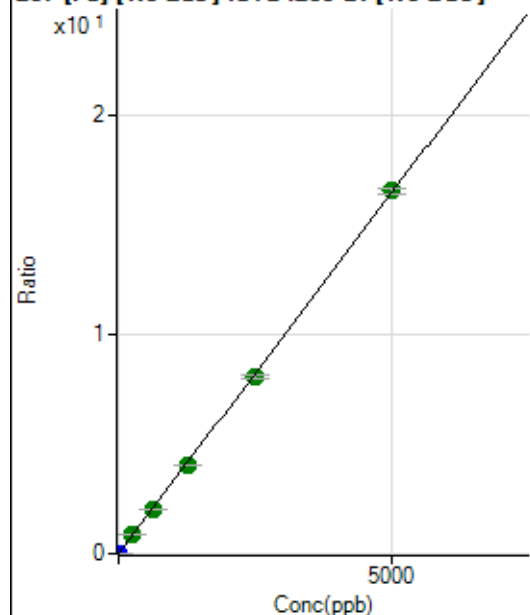
DL = 0.01051

BEC = 0.04446

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	737.81	0.0001	P	5.5
2	☐	1.000	1.000	17881.32	0.0034	P	0.5
3	☐	250.000	255.239	4384726.36	0.8407	A	0.5
4	☐	625.000	610.213	10724946.51	2.0097	A	1.0
5	☐	1250.000	1231.321	21225770.93	4.0551	A	0.3
6	☐	2500.000	2458.992	41975627.15	8.0980	A	2.5
7	☐	5000.000	5026.760	80891189.35	16.5541	A	1.9
8	☐			82114.68	0.0189	P	1.3

$$y = 0.0033 * x + 1.3775E-004$$

$$R = 0.9999$$

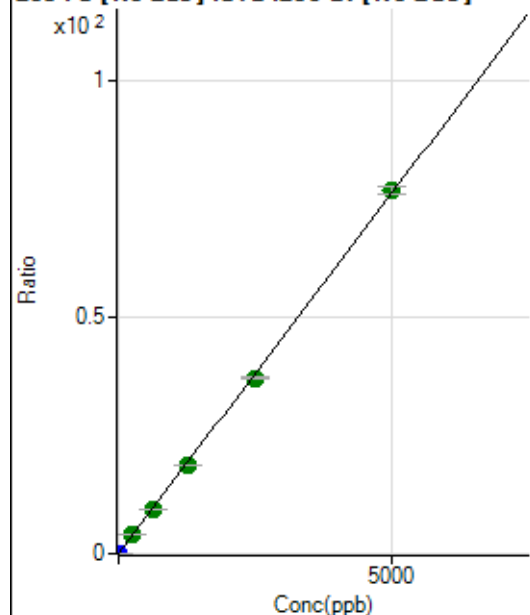
$$DL = 0.006945$$

$$BEC = 0.04183$$

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	3526.90	0.0007	P	2.5
2	☐	1.000	0.988	81876.38	0.0157	P	1.1
3	☐	250.000	254.356	20212906.64	3.8754	A	0.2
4	☐	625.000	609.298	49540385.52	9.2825	A	0.5
5	☐	1250.000	1231.821	98227749.23	18.7658	A	0.4
6	☐	2500.000	2441.357	192798794.9	37.1914	A	1.6
7	☐	5000.000	5035.611	374843279.4	76.7114	A	2.1
8	☐			376072.02	0.0867	P	1.6

$$y = 0.0152 * x + 6.5870E-004$$

$$R = 0.9999$$

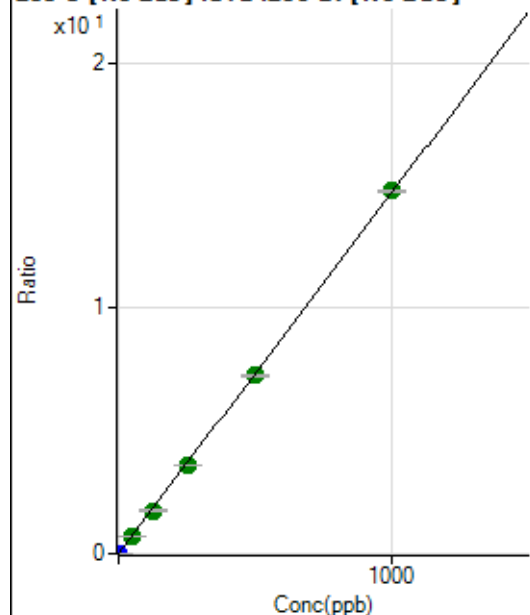
$$DL = 0.003274$$

$$BEC = 0.04324$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	431.13	0.0001	P	8.4
2	☐	1.000	0.997	76784.80	0.0147	P	1.2
3	☐	50.000	50.130	3841727.83	0.7366	A	1.5
4	☐	125.000	119.313	9356600.83	1.7530	A	1.1
5	☐	250.000	243.774	18746600.97	3.5816	A	1.1
6	☐	500.000	494.093	37633163.61	7.2593	A	1.6
7	☐	1000.000	1005.214	72169481.70	14.7688	A	0.7
8	☐			3501.65	0.0008	P	12.8

$$y = 0.0147 * x + 8.0557E-005$$

$$R = 0.9999$$

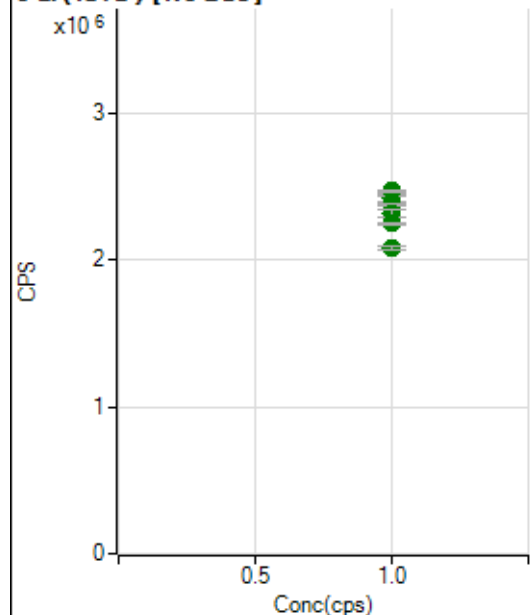
$$DL = 0.001375$$

$$BEC = 0.005483$$

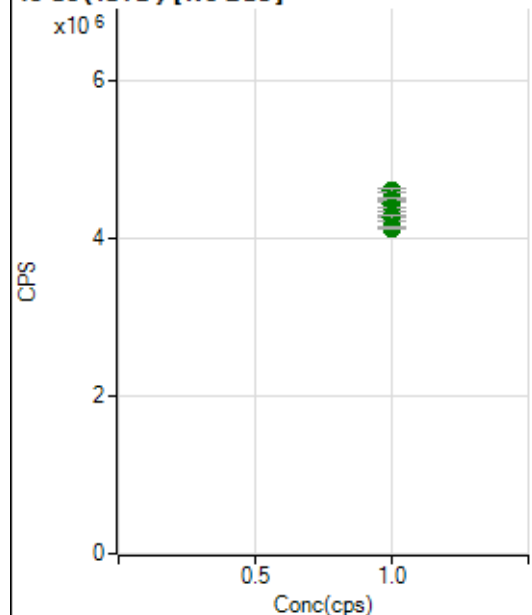
Weight: <None>

Min Conc: 0

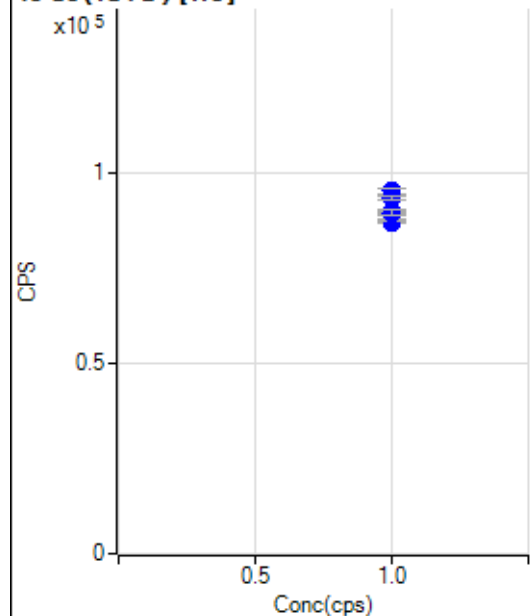
6 Li (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2458834.89		A	1.1
2	☐	1.000		2423135.11		A	2.1
3	☐	1.000		2433763.29		A	0.4
4	☐	1.000		2467953.75		A	0.8
5	☐	1.000		2379119.80		A	0.4
6	☐	1.000		2314435.93		A	2.0
7	☐	1.000		2244354.35		A	0.7
8	☐	1.000		2079985.71		A	0.9

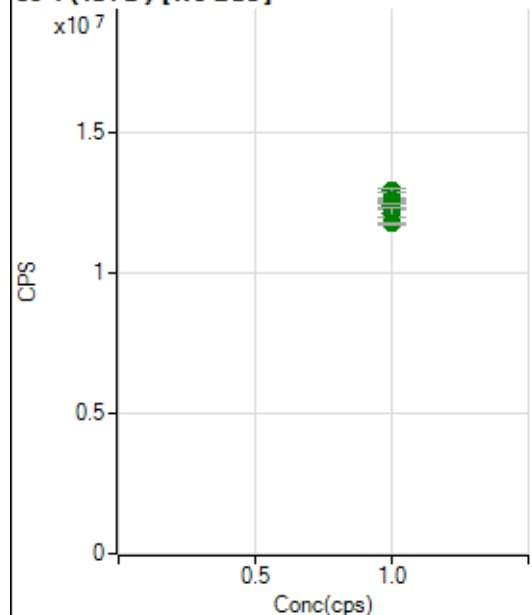
45 Sc (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4604905.59		A	1.2
2	☐	1.000		4430421.36		A	1.4
3	☐	1.000		4494910.87		A	0.5
4	☐	1.000		4394805.94		A	0.3
5	☐	1.000		4304193.20		A	1.6
6	☐	1.000		4262552.23		A	1.4
7	☐	1.000		4137451.46		A	1.1
8	☐	1.000		4126990.94		A	0.6

45 Sc (ISTD) [He]

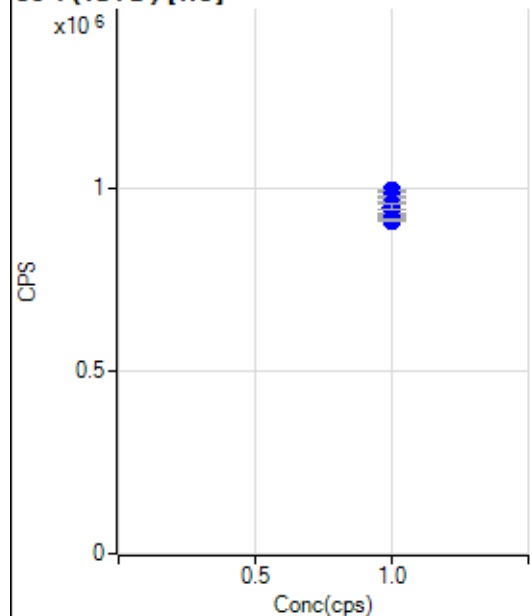
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		95183.50		P	1.3
2	☐	1.000		93458.91		P	0.9
3	☐	1.000		89780.29		P	0.9
4	☐	1.000		89373.36		P	0.7
5	☐	1.000		86824.44		P	0.4
6	☐	1.000		87486.26		P	0.8
7	☐	1.000		89397.93		P	0.2
8	☐	1.000		89491.42		P	2.0

89 Y (ISTD) [No Gas]



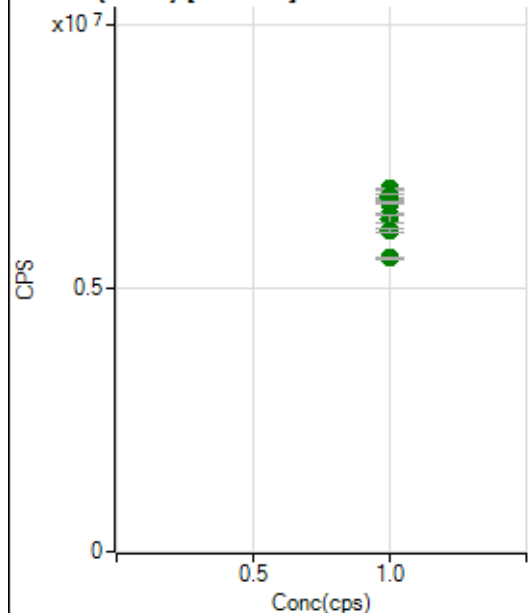
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		12918144.39		A	0.9
2	☐	1.000		12607185.92		A	0.6
3	☐	1.000		12449557.73		A	1.6
4	☐	1.000		12521074.81		A	0.6
5	☐	1.000		12365519.26		A	1.5
6	☐	1.000		12385726.90		A	1.2
7	☐	1.000		12140962.32		A	2.6
8	☐	1.000		11771524.41		A	0.6

89 Y (ISTD) [He]



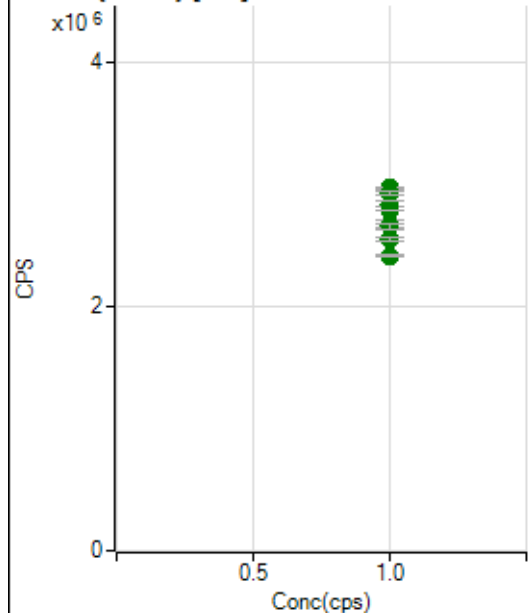
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		993238.10		P	0.4
2	☐	1.000		976610.77		P	0.7
3	☐	1.000		960483.58		P	0.5
4	☐	1.000		943296.14		P	0.4
5	☐	1.000		930028.60		P	0.2
6	☐	1.000		916791.82		P	0.4
7	☐	1.000		913098.00		P	0.7
8	☐	1.000		947999.53		P	1.7

103 Rh (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		6894579.14		A	0.7
2	☐	1.000		6746851.50		A	1.0
3	☐	1.000		6735375.46		A	1.6
4	☐	1.000		6628227.68		A	0.2
5	☐	1.000		6412495.81		A	1.0
6	☐	1.000		6316395.26		A	2.0
7	☐	1.000		6109625.05		A	1.0
8	☐	1.000		5573319.08		A	0.4

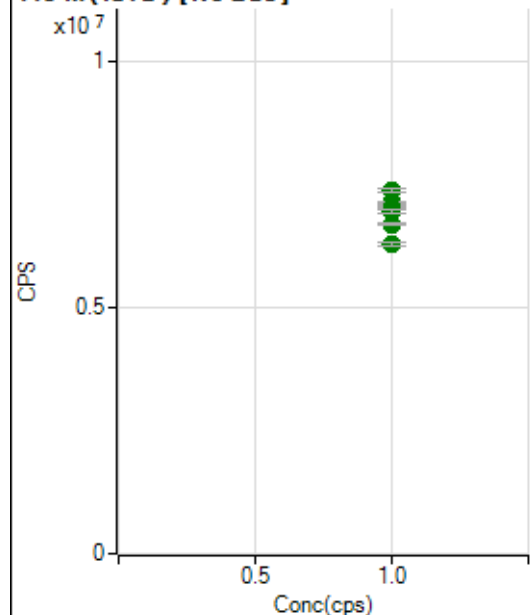
103 Rh (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2965576.10		A	0.6
2	☐	1.000		2917717.63		A	1.1
3	☐	1.000		2835681.94		A	1.2
4	☐	1.000		2777683.50		A	0.2
5	☐	1.000		2667007.37		A	2.2
6	☐	1.000		2648973.69		A	1.2
7	☐	1.000		2542235.74		A	1.2
8	☐	1.000		2409873.73		A	0.8

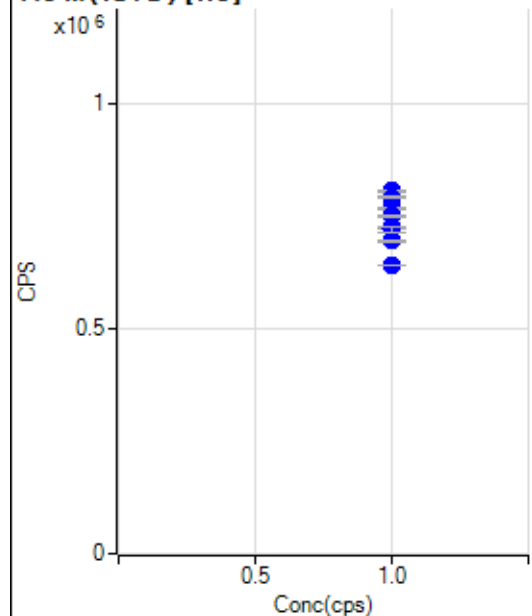
Calibration for 007CALB.d

115 In (ISTD) [No Gas]

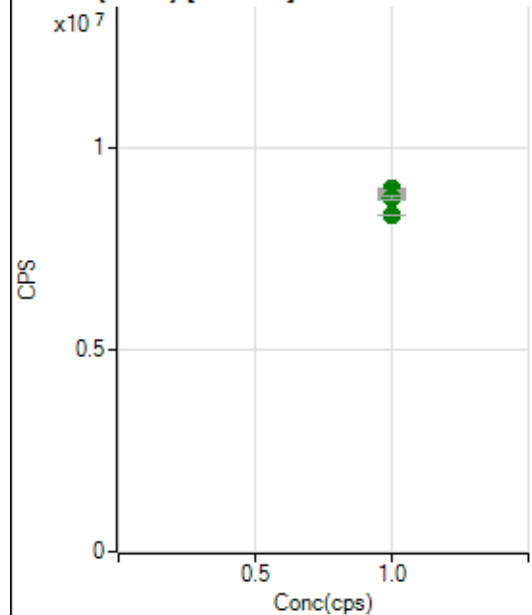


	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		7370497.59		A	1.1
2	☐	1.000		7067175.54		A	0.3
3	☐	1.000		7139265.95		A	0.6
4	☐	1.000		7016598.36		A	0.6
5	☐	1.000		6952273.74		A	1.1
6	☐	1.000		6693648.43		A	0.5
7	☐	1.000		6283222.56		A	1.1
8	☐	1.000		6278398.88		A	1.0

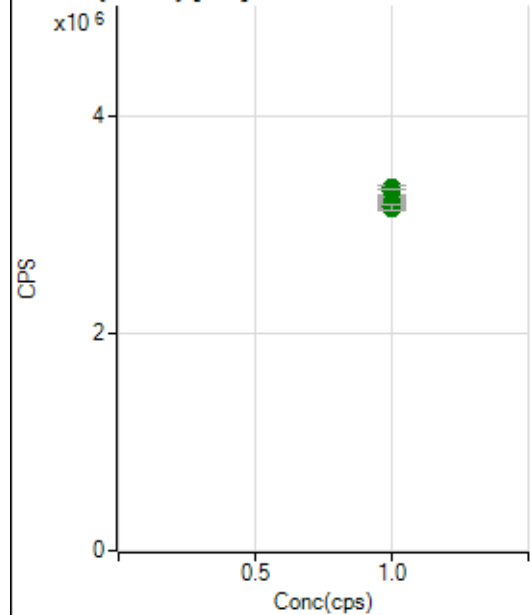
115 In (ISTD) [He]



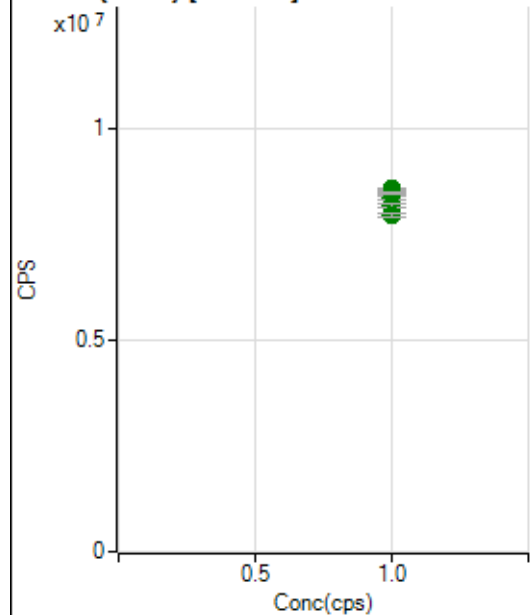
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		805620.30		P	0.4
2	☐	1.000		790623.80		P	0.6
3	☐	1.000		768391.81		P	0.5
4	☐	1.000		750024.55		P	0.4
5	☐	1.000		724851.17		P	0.5
6	☐	1.000		693965.74		P	0.6
7	☐	1.000		640930.63		P	0.5
8	☐	1.000		719645.23		P	1.8

159 Tb (ISTD) [No Gas]

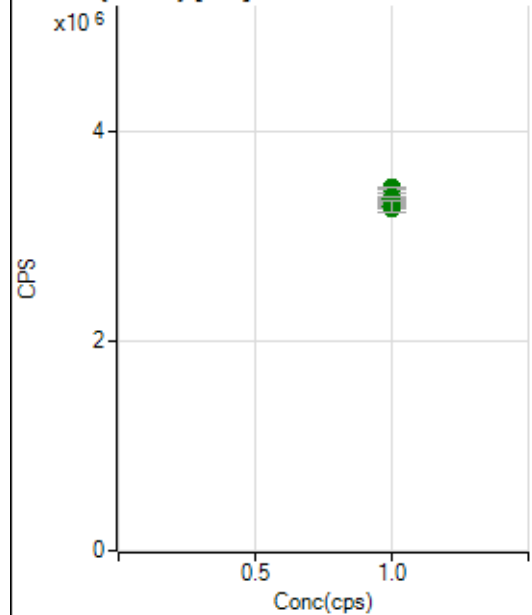
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8973117.16		A	0.2
2	☐	1.000		8743130.91		A	0.6
3	☐	1.000		8876205.01		A	1.9
4	☐	1.000		8905773.06		A	1.7
5	☐	1.000		8877329.24		A	2.1
6	☐	1.000		8915286.60		A	1.0
7	☐	1.000		8755811.60		A	0.8
8	☐	1.000		8322977.52		A	0.5

159 Tb (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3339979.71		A	1.2
2	☐	1.000		3309589.74		A	1.6
3	☐	1.000		3230007.80		A	0.7
4	☐	1.000		3243469.15		A	0.8
5	☐	1.000		3212908.91		A	1.0
6	☐	1.000		3184562.80		A	0.9
7	☐	1.000		3152043.88		A	0.6
8	☐	1.000		3163151.13		A	1.5

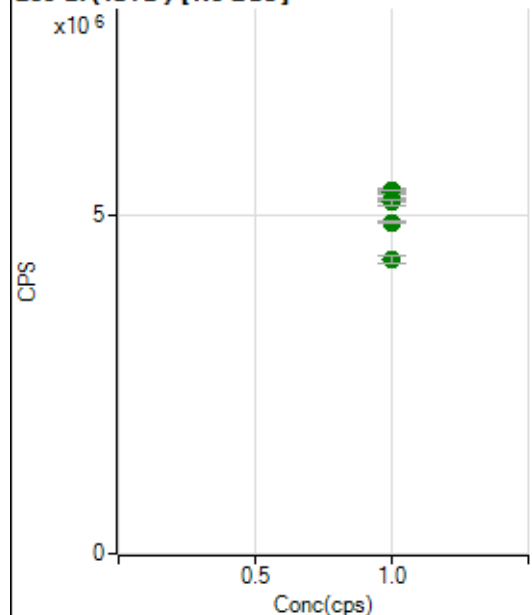
165 Ho (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8573325.36		A	0.3
2	☐	1.000		8376440.71		A	1.2
3	☐	1.000		8465724.59		A	1.2
4	☐	1.000		8561332.17		A	1.0
5	☐	1.000		8554879.52		A	0.3
6	☐	1.000		8477258.35		A	0.9
7	☐	1.000		8168193.98		A	1.0
8	☐	1.000		7969466.76		A	1.2

165 Ho (ISTD) [He]

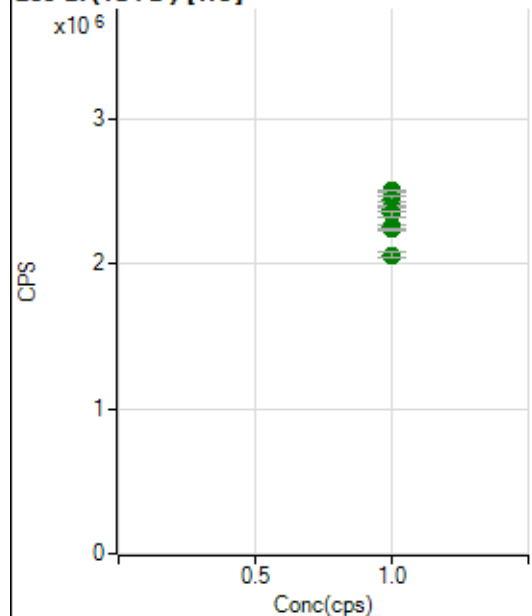
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3457331.03		A	0.6
2	☐	1.000		3380224.39		A	1.3
3	☐	1.000		3320604.15		A	1.3
4	☐	1.000		3348570.19		A	1.1
5	☐	1.000		3284836.93		A	1.5
6	☐	1.000		3275114.74		A	0.7
7	☐	1.000		3264253.42		A	0.4
8	☐	1.000		3281955.33		A	3.0

209 Bi (ISTD) [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5354389.37		A	1.0
2	☐	1.000		5213446.69		A	0.6
3	☐	1.000		5215635.72		A	0.5
4	☐	1.000		5337183.57		A	1.5
5	☐	1.000		5234450.51		A	1.0
6	☐	1.000		5184885.51		A	1.7
7	☐	1.000		4886712.91		A	0.7
8	☐	1.000		4337893.68		A	2.2

209 Bi (ISTD) [He]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2505880.61		A	0.4
2	☐	1.000		2450172.05		A	1.9
3	☐	1.000		2378201.60		A	1.5
4	☐	1.000		2394199.10		A	0.5
5	☐	1.000		2348314.55		A	1.5
6	☐	1.000		2257800.28		A	0.8
7	☐	1.000		2239281.32		A	0.4
8	☐	1.000		2064612.55		A	2.2

US EPA Tune Check Report

Reviewed By:moh
On:4/29/2025 4:10
PM
Inst Id :P8
LB :LB135595

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8042925MS.b
Acq. Date-Time 2025-04-29 10:47:31
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		77185	771850.38			0.543	5.000
24		356049	3560487.28			0.514	5.000
25		48975	489753.39			0.174	5.000
26		59326	593255.31			0.395	5.000
59		328575	3285748.09			0.776	5.000
113		40161	401613.96			0.334	5.000
115		515923	5159232.53			0.333	5.000
206		120406	1204063.21			1.591	5.000
207		102768	1027677.46			0.941	5.000
208		252491	2524911.62			0.929	5.000
220		1	5.10			27.205	

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	77236	76696	77271	77804	76918
24	358779	356876	354067	355076	355446
25	48962	48874	48923	49089	49028
26	59382	58993	59438	59607	59208
59	326775	328493	329263	332457	325887
113	40083	40039	40217	40370	40098
115	517497	517349	513676	516543	514552
206	117438	119577	121209	122068	121740
207	101345	102257	103393	103102	103743
208	249605	250493	253775	253416	255167

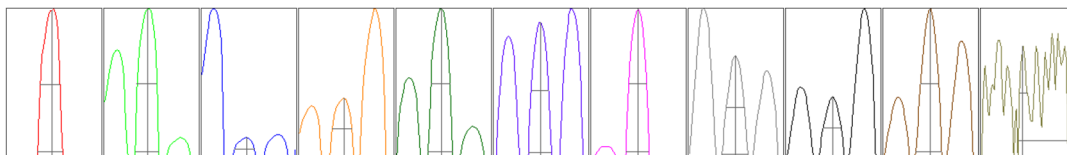
US EPA Tune Check Report

Reviewed By:moh
On:4/29/2025 4:10
PM
Inst Id :P8
LB :LB135595

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	129878.06	8.95	8.90 - 9.10	
24	597142.69	23.90	23.90 - 24.10	
25	84078.43	24.95	24.90 - 25.10	
26	96487.51	25.95	25.90 - 26.10	
59	577984.20	58.95	58.90 - 59.10	
113	77663.60	113.00	112.90 - 113.10	
115	984792.34	115.00	114.90 - 115.10	
206	222623.48	206.00	205.90 - 206.10	
207	191522.09	207.00	206.90 - 207.10	
208	463062.92	208.00	207.90 - 208.10	
220	0.90	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.63	0.782	0.900	
24	0.64	0.742	0.900	
25	0.62	0.741	0.900	
26	0.63	0.752	0.900	
59	0.60	0.777	0.900	
113	0.55	0.729	0.900	
115	0.55	0.733	0.900	
206	0.56	0.818	0.900	
207	0.56	0.785	0.900	
208	0.57	0.812	0.900	
220	0.23	1.530		

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:4/29/2025 4:10
PM
Inst Id :P8
LB :LB135595

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	14.2 V
Extract 2	-205.0 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	104	Axis Gain	0.9967	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.6 mm	Torch V	-0.3 mm
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EM

Discriminator	4.5 mV	Analog HV	2192 V	Pulse HV	953 V
---------------	--------	-----------	--------	----------	-------

[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		63752	637518.10			0.372	
89		54946	549460.72			0.493	
205		78606	786064.67			0.105	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	63964	63429	63600	63787	63980
89	55272	55147	54677	54673	54962
205	78582	78660	78686	78476	78630

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	2.8 V
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US EPA Tune Check Report

Reviewed By:moh
On:4/29/2025 4:10
PM
Inst Id :P8
LB :LB135595

Extract 2	-205.0 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	104	Axis Gain	0.9967	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.6 mm	Torch V	-0.3 mm		
EM					
Discriminator	4.5 mV	Analog HV	2192 V	Pulse HV	953 V

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	0.09	0.38	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	0.16	-0.15	0.00	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Calcium	43-1	0.99	-0.34	-0.65	0.00	N/A	ppb
Calcium	44-1	0.26	0.09	-0.35	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	0.00	-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	0.00	0.16	-0.16	0.00	N/A	ppb
Iron	56-2	-0.04	-0.02	0.06	0.00	N/A	ppb
Iron	57-2	0.05	-0.22	0.17	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 : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.02	-0.08	0.10	0.00	N/A	ppb
Manganese	55-2	-0.04	0.01	0.03	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	-13.52	-10.54	-26.64	-16.90		ppb
Potassium	39-2	0.12	1.08	-1.20	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.03	0.14	-0.16	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	-0.08	-0.36	0.00	N/A	ppb
Silicon	28-1	1.16	0.43	-1.59	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	0.35	-0.12	-0.23	0.00	N/A	ppb
Strontium	86-1	0.00	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	-100.07	-5.34	-152.16	-85.86		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	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	0.00	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.01	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	0.01	-0.05	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 : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.95	23.81	21.99	22.58	4.69	ppb
Antimony	121-1	2.12	2.11	2.16	2.13	1.18	ppb
Arsenic	75-2	1.05	1.31	1.24	1.20	11.36	ppb
Barium	135-1	10.79	10.67	10.89	10.79	1.05	ppb
Barium	137-1	10.98	10.84	10.91	10.91	0.64	ppb
Beryllium	9-1	1.19	1.21	1.24	1.21	2.02	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	1.07	1.15	1.13	1.12	3.55	ppb
Cadmium	106-1	0.87	1.07	1.22	1.05	16.95	ppb
Cadmium	111-1	1.17	1.13	1.20	1.17	3.10	ppb
Calcium	43-1	553.98	582.11	575.52	570.54	2.58	ppb
Calcium	44-1	545.77	567.21	569.25	560.74	2.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.16	2.21	2.18	2.18	1.00	ppb
Cobalt	59-2	1.18	1.22	1.21	1.21	1.66	ppb
Copper	63-2	2.38	2.44	2.37	2.40	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				98		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				98		%
Iron	54-2	63.27	62.45	61.58	62.43	1.36	ppb
Iron	56-2	60.09	61.02	61.00	60.70	0.88	ppb
Iron	57-2	63.13	60.96	56.52	60.20	5.60	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.97	0.99	0.97	1.46	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1.00	1.00	0.99	1.00	0.53	ppb
Lead	208-1	0.98	0.99	1.00	0.99	1.19	ppb
Lithium	6-1				99		%
Magnesium	24-2	600.92	611.43	599.74	604.03	1.07	ppb
Manganese	55-2	1.17	1.10	1.07	1.11	4.65	ppb
Molybdenum	94-1	6.07	6.20	6.17	6.15	1.08	ppb
Molybdenum	95-1	5.21	5.36	5.31	5.29	1.39	ppb
Molybdenum	96-1	5.24	5.36	5.36	5.32	1.28	ppb
Molybdenum	97-1	5.04	5.34	5.21	5.20	2.98	ppb
Molybdenum	98-1	5.13	5.34	5.19	5.22	2.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.18	1.22	1.19	1.98	ppb
Phosphorus	31-2	16.87	11.99	21.84	16.90	29.16	ppb
Potassium	39-2	539.41	550.49	545.49	545.13	1.02	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	82-1	5.55	5.92	6.01	5.83	4.20	ppb
Selenium	77-2	10.35	7.98	5.57	7.97	30.00	ppb
Selenium	78-2	5.26	7.15	3.43	5.28	35.26	ppb
Silicon	28-1	2.43	1.28	3.94	2.55	52.37	ppb
Silver	107-1	1.09	1.10	1.13	1.11	2.02	ppb
Silver	109-1	1.08	1.09	1.14	1.10	2.78	ppb
Sodium	23-2	597.28	602.54	603.66	601.16	0.57	ppb
Strontium	86-1	1.05	1.09	1.09	1.08	2.13	ppb
Strontium	88-1	1.04	1.08	1.07	1.06	2.12	ppb
Sulfur	34-1	-65.04	171.89	150.72	85.86	152.70	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	1.01	1.04	1.02	1.02	1.49	ppb
Thallium	205-1	1.00	1.01	1.01	1.00	0.22	ppb
Tin	118-1	5.31	5.38	5.34	5.34	0.63	ppb
Titanium	47-1	5.32	5.45	5.59	5.45	2.51	ppb
Uranium	238-1	0.99	1.01	0.99	1.00	1.25	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.57	5.68	5.54	5.60	1.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	5.76	5.68	5.70	5.71	0.76	ppb
Zirconium	90-1	1.02	1.06	1.05	1.04	2.06	ppb
Zirconium	91-1	1.01	1.04	1.09	1.05	3.77	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1104.45	1120.49	1109.81	1111.58	0.73	ppb
Antimony	121-1	52.20	51.57	51.12	51.63	1.05	ppb
Arsenic	75-2	51.60	51.74	52.37	51.90	0.80	ppb
Barium	135-1	267.31	264.56	274.92	268.93	2.00	ppb
Barium	137-1	274.44	265.52	270.68	270.21	1.66	ppb
Beryllium	9-1	56.78	57.52	57.02	57.10	0.66	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Bromine	81-1						cps
Cadmium	108-1	55.69	55.78	53.43	54.97	2.43	ppb
Cadmium	106-1	54.42	55.19	54.04	54.55	1.07	ppb
Cadmium	111-1	54.27	53.53	53.19	53.66	1.03	ppb
Calcium	43-1	5348.02	5441.63	5318.17	5369.28	1.20	ppb
Calcium	44-1	5273.98	5282.01	5227.99	5261.33	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	53.65	53.39	53.60	53.55	0.25	ppb
Cobalt	59-2	54.45	55.23	54.91	54.86	0.71	ppb
Copper	63-2	567.48	580.13	571.65	573.09	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	54-2	2949.85	2965.47	2950.25	2955.19	0.30	ppb
Iron	56-2	2945.99	3012.24	2927.43	2961.89	1.51	ppb
Iron	57-2	2887.66	2912.22	2885.50	2895.13	0.51	ppb
Krypton	83-1						cps
Lead	206-1	258.82	257.32	255.60	257.25	0.63	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	253.82	256.58	255.32	255.24	0.54	ppb
Lead	208-1	253.75	254.57	254.74	254.36	0.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	5772.40	5763.52	5765.76	5767.23	0.08	ppb
Manganese	55-2	531.47	535.09	538.53	535.03	0.66	ppb
Molybdenum	94-1	524.28	518.89	512.02	518.40	1.19	ppb
Molybdenum	95-1	523.09	524.98	526.53	524.87	0.33	ppb
Molybdenum	96-1	530.87	528.65	521.30	526.94	0.95	ppb
Molybdenum	97-1	534.48	531.67	512.62	526.26	2.26	ppb
Molybdenum	98-1	523.19	517.85	508.48	516.51	1.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.07	54.24	54.06	54.12	0.19	ppb
Phosphorus	31-2	1024.21	1140.49	1136.23	1100.31	5.99	ppb
Potassium	39-2	2644.95	2662.17	2658.04	2655.05	0.34	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	82-1	53.87	56.72	54.33	54.98	2.79	ppb
Selenium	77-2	54.43	57.79	50.54	54.25	6.69	ppb
Selenium	78-2	58.89	49.17	58.91	55.66	10.10	ppb
Silicon	28-1	54.70	53.32	53.97	54.00	1.28	ppb
Silver	107-1	58.19	57.50	56.41	57.37	1.57	ppb
Silver	109-1	57.41	56.32	55.95	56.56	1.34	ppb
Sodium	23-2	5736.55	5789.52	5709.02	5745.03	0.71	ppb
Strontium	86-1	51.76	51.76	50.97	51.50	0.89	ppb
Strontium	88-1	53.46	53.48	52.99	53.31	0.52	ppb
Sulfur	34-1	1454.18	1374.94	1317.52	1382.21	4.96	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	48.74	49.89	49.74	49.46	1.27	ppb
Thallium	205-1	51.63	50.94	51.80	51.46	0.88	ppb
Tin	118-1	51.97	50.79	51.35	51.37	1.15	ppb
Titanium	47-1	526.49	520.90	526.46	524.61	0.61	ppb
Uranium	238-1	49.68	50.98	49.73	50.13	1.47	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	53.21	53.99	53.18	53.46	0.87	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	541.21	547.51	541.95	543.56	0.63	ppb
Zirconium	90-1	52.40	53.48	51.66	52.51	1.75	ppb
Zirconium	91-1	51.01	51.52	50.58	51.04	0.92	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2660.90	2642.02	2695.77	2666.23	1.02	ppb
Antimony	121-1	132.52	130.28	130.51	131.11	0.94	ppb
Arsenic	75-2	127.17	126.84	126.51	126.84	0.26	ppb
Barium	135-1	671.89	653.18	639.37	654.82	2.49	ppb
Barium	137-1	658.61	659.03	640.96	652.87	1.58	ppb
Beryllium	9-1	132.34	134.39	136.93	134.56	1.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	131.84	131.15	130.85	131.28	0.38	ppb
Cadmium	106-1	132.91	132.00	131.20	132.04	0.65	ppb
Cadmium	111-1	130.75	132.21	130.13	131.03	0.81	ppb
Calcium	43-1	13137.77	13376.55	13157.06	13223.79	1.00	ppb
Calcium	44-1	12875.94	12933.18	12972.92	12927.35	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	130.09	128.97	131.23	130.10	0.87	ppb
Cobalt	59-2	132.05	131.55	132.51	132.04	0.36	ppb
Copper	63-2	1385.33	1334.24	1376.57	1365.38	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				93		%
Iron	54-2	7342.70	7148.93	7318.61	7270.08	1.45	ppb
Iron	56-2	7178.72	7139.61	7135.16	7151.16	0.34	ppb
Iron	57-2	6966.81	6987.70	7023.74	6992.75	0.41	ppb
Krypton	83-1						cps
Lead	206-1	626.98	627.50	600.29	618.26	2.52	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	614.73	612.75	603.16	610.21	1.01	ppb
Lead	208-1	608.60	612.62	606.67	609.30	0.50	ppb
Lithium	6-1				100		%
Magnesium	24-2	13597.23	13594.56	13665.33	13619.04	0.29	ppb
Manganese	55-2	1324.43	1307.92	1335.99	1322.78	1.07	ppb
Molybdenum	94-1	1276.57	1271.43	1258.73	1268.91	0.72	ppb
Molybdenum	95-1	1275.12	1290.88	1283.51	1283.17	0.61	ppb
Molybdenum	96-1	1254.92	1315.67	1277.32	1282.64	2.40	ppb
Molybdenum	97-1	1239.50	1282.86	1251.51	1257.95	1.78	ppb
Molybdenum	98-1	1250.01	1280.97	1240.22	1257.07	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.80	130.61	131.44	131.28	0.46	ppb
Phosphorus	31-2	2726.16	2631.68	2668.73	2675.52	1.78	ppb
Potassium	39-2	6417.87	6266.37	6411.45	6365.23	1.35	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				95		%
Scandium	45-2				94		%
Selenium	82-1	130.78	133.76	131.83	132.12	1.15	ppb
Selenium	77-2	131.98	135.56	141.41	136.31	3.49	ppb
Selenium	78-2	129.56	131.43	132.37	131.12	1.09	ppb
Silicon	28-1	132.08	131.76	131.09	131.64	0.38	ppb
Silver	107-1	135.47	139.09	135.76	136.77	1.47	ppb
Silver	109-1	135.20	136.34	134.65	135.40	0.64	ppb
Sodium	23-2	13620.14	13616.49	13456.57	13564.40	0.69	ppb
Strontium	86-1	124.24	125.82	125.42	125.16	0.66	ppb
Strontium	88-1	128.85	129.90	127.14	128.63	1.08	ppb
Sulfur	34-1	3305.16	3365.04	3185.37	3285.19	2.78	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	128.83	127.25	123.15	126.41	2.32	ppb
Thallium	205-1	123.49	126.05	121.58	123.71	1.81	ppb
Tin	118-1	129.56	131.64	132.13	131.11	1.04	ppb
Titanium	47-1	1257.85	1277.19	1242.62	1259.22	1.38	ppb
Uranium	238-1	117.75	120.26	119.93	119.31	1.14	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	130.01	128.61	129.34	129.32	0.54	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	1316.06	1312.08	1324.27	1317.47	0.47	ppb
Zirconium	90-1	122.15	127.51	127.18	125.62	2.39	ppb
Zirconium	91-1	121.57	126.72	124.24	124.18	2.07	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5329.95	5276.76	5247.44	5284.71	0.79	ppb
Antimony	121-1	259.09	255.99	252.88	255.99	1.21	ppb
Arsenic	75-2	253.05	254.37	253.04	253.49	0.30	ppb
Barium	135-1	1309.23	1281.21	1271.82	1287.42	1.51	ppb
Barium	137-1	1326.99	1268.74	1257.72	1284.48	2.90	ppb
Beryllium	9-1	257.81	257.96	267.69	261.16	2.17	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Bromine	81-1						cps
Cadmium	108-1	264.75	260.42	258.13	261.10	1.29	ppb
Cadmium	106-1	263.52	258.50	251.39	257.80	2.36	ppb
Cadmium	111-1	267.32	267.20	259.47	264.66	1.70	ppb
Calcium	43-1	26136.85	27022.24	26130.74	26429.94	1.94	ppb
Calcium	44-1	25805.44	26352.43	25444.69	25867.52	1.77	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	257.97	258.78	263.84	260.20	1.22	ppb
Cobalt	59-2	267.15	273.52	270.29	270.32	1.18	ppb
Copper	63-2	2679.70	2679.66	2709.87	2689.75	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				90		%
Iron	54-2	14644.90	14564.29	14679.68	14629.62	0.40	ppb
Iron	56-2	14067.01	14255.16	14260.64	14194.27	0.78	ppb
Iron	57-2	13855.20	13960.90	13944.26	13920.12	0.41	ppb
Krypton	83-1						cps
Lead	206-1	1251.37	1234.68	1244.95	1243.67	0.68	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	1235.43	1228.29	1230.24	1231.32	0.30	ppb
Lead	208-1	1234.32	1226.49	1234.65	1231.82	0.37	ppb
Lithium	6-1				97		%
Magnesium	24-2	26546.39	26864.92	27294.62	26901.98	1.40	ppb
Manganese	55-2	2619.12	2641.65	2603.59	2621.45	0.73	ppb
Molybdenum	94-1	2545.57	2540.34	2472.99	2519.63	1.61	ppb
Molybdenum	95-1	2600.55	2538.58	2514.10	2551.08	1.75	ppb
Molybdenum	96-1	2594.19	2552.24	2574.04	2573.49	0.82	ppb
Molybdenum	97-1	2515.43	2495.51	2535.58	2515.51	0.80	ppb
Molybdenum	98-1	2510.00	2544.34	2499.53	2517.96	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.43	258.59	259.38	258.80	0.20	ppb
Phosphorus	31-2	5201.65	5329.19	5118.52	5216.45	2.03	ppb
Potassium	39-2	12692.73	12907.15	12815.90	12805.26	0.84	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				91		%
Selenium	82-1	264.04	265.35	257.15	262.18	1.68	ppb
Selenium	77-2	256.24	283.61	262.71	267.52	5.35	ppb
Selenium	78-2	252.36	259.26	257.60	256.41	1.40	ppb
Silicon	28-1	267.69	262.76	258.18	262.87	1.81	ppb
Silver	107-1	270.51	266.38	261.53	266.14	1.69	ppb
Silver	109-1	266.01	266.95	259.68	264.21	1.50	ppb
Sodium	23-2	26952.10	27087.92	27293.46	27111.16	0.63	ppb
Strontium	86-1	263.54	263.25	254.73	260.51	1.92	ppb
Strontium	88-1	259.49	254.45	253.72	255.89	1.23	ppb
Sulfur	34-1	4776.21	5049.77	4494.99	4773.66	5.81	ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	250.55	249.56	251.05	250.39	0.30	ppb
Thallium	205-1	246.94	245.04	249.75	247.24	0.96	ppb
Tin	118-1	256.37	259.03	252.63	256.01	1.25	ppb
Titanium	47-1	2512.24	2541.41	2460.14	2504.60	1.64	ppb
Uranium	238-1	246.56	243.45	241.31	243.77	1.08	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	257.41	259.35	259.93	258.89	0.51	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				94		%
Zinc	66-2	2697.85	2697.13	2705.76	2700.25	0.18	ppb
Zirconium	90-1	250.57	249.63	249.30	249.83	0.26	ppb
Zirconium	91-1	262.41	252.75	253.42	256.19	2.11	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10158.94	10268.46	10532.21	10319.87	1.86	ppb
Antimony	121-1	507.54	497.69	507.01	504.08	1.10	ppb
Arsenic	75-2	500.73	511.04	511.79	507.85	1.22	ppb
Barium	135-1	2504.08	2532.55	2518.01	2518.21	0.57	ppb
Barium	137-1	2526.61	2561.43	2469.09	2519.05	1.85	ppb
Beryllium	9-1	505.01	509.00	521.80	511.94	1.71	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Bromine	81-1						cps
Cadmium	108-1	499.13	508.54	505.38	504.35	0.95	ppb
Cadmium	106-1	505.72	510.42	495.98	504.04	1.46	ppb
Cadmium	111-1	501.00	524.02	514.82	513.28	2.26	ppb
Calcium	43-1	51861.84	51040.35	51508.81	51470.34	0.80	ppb
Calcium	44-1	50909.92	50273.48	51262.49	50815.30	0.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.68	519.32	518.58	519.52	0.21	ppb
Cobalt	59-2	518.82	526.03	518.18	521.01	0.84	ppb
Copper	63-2	5201.00	5160.16	5275.76	5212.31	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				86		%
Iron	54-2	27490.07	27843.17	28099.52	27810.92	1.10	ppb
Iron	56-2	27535.46	27933.13	27666.91	27711.83	0.73	ppb
Iron	57-2	27797.07	28200.63	28081.59	28026.43	0.74	ppb
Krypton	83-1						cps
Lead	206-1	2446.05	2445.09	2487.34	2459.49	0.98	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2456.65	2399.00	2521.33	2458.99	2.49	ppb
Lead	208-1	2434.34	2405.46	2484.27	2441.36	1.63	ppb
Lithium	6-1				94		%
Magnesium	24-2	51607.51	51808.13	53395.51	52270.38	1.87	ppb
Manganese	55-2	5082.75	5101.41	5250.71	5144.95	1.79	ppb
Molybdenum	94-1	4910.13	5053.08	5010.96	4991.39	1.47	ppb
Molybdenum	95-1	4912.54	5064.28	5105.64	5027.49	2.02	ppb
Molybdenum	96-1	5039.71	5081.05	5131.61	5084.12	0.91	ppb
Molybdenum	97-1	5002.34	4962.75	5016.97	4994.02	0.56	ppb
Molybdenum	98-1	4987.12	5018.76	5000.69	5002.19	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.04	496.56	502.90	498.17	0.84	ppb
Phosphorus	31-2	10120.71	10252.04	10462.30	10278.35	1.68	ppb
Potassium	39-2	24562.08	24801.62	25136.57	24833.42	1.16	ppb
Rhodium	103-1				92		%
Rhodium	103-2				89		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	82-1	506.58	502.74	494.68	501.33	1.21	ppb
Selenium	77-2	522.56	555.73	525.40	534.56	3.44	ppb
Selenium	78-2	490.09	515.23	527.40	510.91	3.72	ppb
Silicon	28-1	512.27	504.56	497.88	504.91	1.43	ppb
Silver	107-1	509.85	514.55	503.55	509.31	1.08	ppb
Silver	109-1	505.31	508.13	515.42	509.62	1.02	ppb
Sodium	23-2	51918.64	52641.03	53406.36	52655.34	1.41	ppb
Strontium	86-1	504.16	505.88	498.63	502.89	0.75	ppb
Strontium	88-1	497.72	508.28	511.61	505.87	1.43	ppb
Sulfur	34-1	10002.87	9620.04	9394.69	9672.53	3.18	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	490.59	492.42	503.74	495.58	1.44	ppb
Thallium	205-1	491.16	496.38	490.74	492.76	0.64	ppb
Tin	118-1	504.86	503.41	495.50	501.26	1.00	ppb
Titanium	47-1	5018.82	4926.79	5039.30	4994.97	1.20	ppb
Uranium	238-1	489.77	489.43	503.08	494.09	1.57	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	504.28	505.02	519.80	509.70	1.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	5126.09	5220.76	5258.75	5201.87	1.31	ppb
Zirconium	90-1	492.36	511.35	500.85	501.52	1.90	ppb
Zirconium	91-1	497.73	515.57	503.99	505.76	1.79	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19279.73	20389.88	19709.10	19792.90	2.83	ppb
Antimony	121-1	999.37	998.48	989.00	995.62	0.58	ppb
Arsenic	75-2	997.89	1000.72	986.02	994.88	0.78	ppb
Barium	135-1	4973.54	4983.01	4974.04	4976.87	0.11	ppb
Barium	137-1	4951.43	5012.91	4967.74	4977.36	0.64	ppb
Beryllium	9-1	992.46	988.90	987.72	989.69	0.25	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	988.09	992.15	1001.82	994.02	0.71	ppb
Cadmium	106-1	993.32	991.59	999.85	994.92	0.44	ppb
Cadmium	111-1	985.11	980.58	1000.59	988.76	1.06	ppb
Calcium	43-1	102714.71	103628.86	105782.54	104042.04	1.51	ppb
Calcium	44-1	102987.76	103495.43	103973.01	103485.40	0.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	976.44	998.62	985.57	986.87	1.13	ppb
Cobalt	59-2	981.24	988.68	979.96	983.29	0.48	ppb
Copper	63-2	9734.82	9877.23	9872.95	9828.33	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				95		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				80		%
Iron	54-2	53309.25	53526.09	54245.15	53693.50	0.91	ppb
Iron	56-2	53092.20	53584.62	52981.95	53219.59	0.60	ppb
Iron	57-2	51664.26	52916.16	52611.20	52397.21	1.25	ppb
Krypton	83-1						cps
Lead	206-1	4906.94	5104.19	5055.83	5022.32	2.05	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4915.35	5092.01	5072.93	5026.76	1.93	ppb
Lead	208-1	4915.44	5116.19	5075.19	5035.61	2.11	ppb
Lithium	6-1				91		%
Magnesium	24-2	99774.02	101141.06	99766.33	100227.14	0.79	ppb
Manganese	55-2	9817.15	9924.21	9917.57	9886.31	0.61	ppb
Molybdenum	94-1	10186.34	9711.50	10090.49	9996.11	2.51	ppb
Molybdenum	95-1	10109.55	9539.62	10255.13	9968.10	3.79	ppb
Molybdenum	96-1	10108.87	9584.78	10108.77	9934.14	3.05	ppb
Molybdenum	97-1	10154.48	9765.41	10070.52	9996.81	2.05	ppb
Molybdenum	98-1	10109.81	9804.71	10063.61	9992.71	1.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	978.51	1015.20	999.47	997.72	1.84	ppb
Phosphorus	31-2	19731.93	19606.46	20000.87	19779.75	1.02	ppb
Potassium	39-2	47957.66	48291.67	48296.20	48181.84	0.40	ppb
Rhodium	103-1				89		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	1014.95	969.51	1000.97	995.14	2.34	ppb
Selenium	77-2	1019.16	975.42	935.51	976.70	4.28	ppb
Selenium	78-2	995.31	978.07	1002.30	991.90	1.26	ppb
Silicon	28-1	1006.11	973.04	1000.97	993.37	1.79	ppb
Silver	107-1	991.51	970.19	1006.70	989.47	1.85	ppb
Silver	109-1	986.31	984.99	998.73	990.01	0.77	ppb
Sodium	23-2	102452.52	101335.33	101329.66	101705.84	0.64	ppb
Strontium	86-1	1005.84	988.25	993.41	995.83	0.91	ppb
Strontium	88-1	1003.41	974.26	1007.25	994.98	1.81	ppb
Sulfur	34-1	20072.76	19956.99	20279.43	20103.06	0.81	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	986.59	1012.37	1006.93	1001.96	1.36	ppb
Thallium	205-1	973.78	1024.52	1014.89	1004.40	2.68	ppb
Tin	118-1	997.92	1002.56	990.62	997.03	0.60	ppb
Titanium	47-1	9934.13	10025.67	10037.14	9998.98	0.56	ppb
Uranium	238-1	997.68	1009.94	1008.02	1005.21	0.66	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	980.24	990.99	1005.40	992.21	1.27	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	9738.39	9880.45	9896.34	9838.39	0.88	ppb
Zirconium	90-1	1004.00	976.28	1016.95	999.08	2.08	ppb
Zirconium	91-1	1000.20	969.89	1016.77	995.62	2.39	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99807.94	102205.67	97956.16	99989.92	2.13	ppb
Antimony	121-1	0.64	0.64	0.61	0.63	3.13	ppb
Arsenic	75-2	0.48	0.52	0.46	0.48	6.73	ppb
Barium	135-1	2.02	1.95	1.92	1.96	2.49	ppb
Barium	137-1	2.06	2.03	1.92	2.00	3.53	ppb
Beryllium	9-1	0.14	0.13	0.11	0.13	11.06	ppb
Bismuth	209-1				81		%
Bismuth	209-2				82		%
Bromine	81-1						cps
Cadmium	108-1	0.42	0.34	0.36	0.37	10.39	ppb
Cadmium	106-1	0.05	-0.09	0.04	0.00		ppb
Cadmium	111-1	0.16	0.16	0.15	0.16	2.26	ppb
Calcium	43-1	501056.36	498366.16	497431.09	498951.20	0.38	ppb
Calcium	44-1	500151.87	498443.00	498899.10	499164.66	0.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.37	8.20	7.98	8.18	2.36	ppb
Cobalt	59-2	2.04	2.07	1.96	2.03	2.77	ppb
Copper	63-2	2.52	2.44	2.36	2.44	3.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				89		%
Iron	54-2	252069.89	253591.03	240870.09	248843.67	2.79	ppb
Iron	56-2	253720.15	249774.28	243424.68	248973.04	2.09	ppb
Iron	57-2	252672.74	250822.67	243877.75	249124.39	1.86	ppb
Krypton	83-1						cps
Lead	206-1	5.60	5.51	5.76	5.62	2.19	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	5.66	5.67	5.79	5.71	1.29	ppb
Lead	208-1	5.64	5.57	5.74	5.65	1.57	ppb
Lithium	6-1				85		%
Magnesium	24-2	503390.92	508899.09	486500.05	499596.68	2.34	ppb
Manganese	55-2	4.41	4.31	4.04	4.25	4.55	ppb
Molybdenum	94-1	2.03	1.98	1.91	1.97	2.83	ppb
Molybdenum	95-1	1.39	1.35	1.31	1.35	2.99	ppb
Molybdenum	96-1	2.43	2.32	2.32	2.36	2.77	ppb
Molybdenum	97-1	1.44	1.38	1.24	1.35	7.47	ppb
Molybdenum	98-1	1.37	1.28	1.20	1.28	6.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.57	4.42	4.54	2.26	ppb
Phosphorus	31-2	-17.23	-22.56	-19.18	-19.66		ppb
Potassium	39-2	257367.77	250973.15	242740.59	250360.50	2.93	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				90		%
Scandium	45-2				94		%
Selenium	82-1	1.04	0.74	0.93	0.91	17.04	ppb
Selenium	77-2	0.00	0.49	0.00	0.16	173.21	ppb
Selenium	78-2	0.96	-0.45	-0.20	0.10	718.00	ppb
Silicon	28-1	5.78	5.41	5.06	5.42	6.68	ppb
Silver	107-1	0.12	0.09	0.09	0.10	16.66	ppb
Silver	109-1	0.11	0.10	0.09	0.10	13.98	ppb
Sodium	23-2	506188.16	504509.66	487062.92	499253.58	2.12	ppb
Strontium	86-1	3.20	3.18	3.30	3.23	2.02	ppb
Strontium	88-1	3.18	3.19	3.28	3.22	1.73	ppb
Sulfur	34-1	-866.32	-793.76	-671.39	-777.15		ppb
Terbium	159-1				93		%
Terbium	159-2				95		%
Thallium	203-1	0.10	0.09	0.08	0.09	11.13	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	13.46	ppb
Tin	118-1	0.18	0.17	0.15	0.17	10.20	ppb
Titanium	47-1	0.95	0.92	0.91	0.93	2.05	ppb
Uranium	238-1	0.06	0.05	0.04	0.05	14.28	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.28	0.25	0.25	0.26	7.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				91		%
Yttrium	89-2				95		%
Zinc	66-2	58.11	57.65	55.14	56.97	2.81	ppb
Zirconium	90-1	0.46	0.43	0.44	0.44	2.50	ppb
Zirconium	91-1	0.45	0.46	0.45	0.45	0.24	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.19	509.26	507.46	501.64	2.33	ppb
Antimony	121-1	200.82	203.70	203.03	202.52	0.74	ppb
Arsenic	75-2	196.11	200.78	201.96	199.61	1.55	ppb
Barium	135-1	99.67	100.78	100.80	100.42	0.64	ppb
Barium	137-1	100.62	102.90	102.48	102.00	1.19	ppb
Beryllium	9-1	104.01	105.16	108.85	106.01	2.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	86.88	88.57	89.95	88.47	1.74	ppb
Cadmium	106-1	83.11	85.44	84.92	84.49	1.45	ppb
Cadmium	111-1	102.03	103.63	104.73	103.46	1.31	ppb
Calcium	43-1	1966.46	1969.78	1961.56	1965.93	0.21	ppb
Calcium	44-1	1987.40	1967.75	1969.84	1975.00	0.55	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	100.31	101.67	101.48	101.15	0.73	ppb
Cobalt	59-2	103.53	105.79	105.63	104.98	1.20	ppb
Copper	63-2	104.40	108.13	108.27	106.93	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	2183.56	2218.89	2223.10	2208.52	0.98	ppb
Iron	56-2	2139.29	2188.55	2182.12	2169.99	1.23	ppb
Iron	57-2	2082.78	2146.19	2153.27	2127.41	1.82	ppb
Krypton	83-1						cps
Lead	206-1	196.58	199.63	198.10	198.10	0.77	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	190.77	195.40	192.71	192.96	1.20	ppb
Lead	208-1	192.00	195.17	193.46	193.54	0.82	ppb
Lithium	6-1				101		%
Magnesium	24-2	1205.19	1214.32	1232.15	1217.22	1.13	ppb
Manganese	55-2	98.41	101.46	101.22	100.36	1.69	ppb
Molybdenum	94-1	0.09	0.09	0.11	0.10	10.39	ppb
Molybdenum	95-1	0.02	0.02	0.03	0.02	16.02	ppb
Molybdenum	96-1	0.04	0.05	0.05	0.05	12.35	ppb
Molybdenum	97-1	0.02	0.02	0.02	0.02	3.79	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	12.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.68	106.38	106.46	105.17	2.05	ppb
Phosphorus	31-2	-23.07	-18.74	-33.71	-25.18		ppb
Potassium	39-2	1922.87	1963.02	1965.44	1950.45	1.23	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	82-1	206.90	209.82	214.83	210.52	1.91	ppb
Selenium	77-2	200.83	239.99	206.71	215.84	9.78	ppb
Selenium	78-2	200.32	218.17	217.99	212.16	4.83	ppb
Silicon	28-1	-0.29	0.05	-0.22	-0.15		ppb
Silver	107-1	54.77	54.43	54.41	54.54	0.37	ppb
Silver	109-1	53.61	53.38	54.55	53.85	1.15	ppb
Sodium	23-2	2085.45	2107.18	2093.12	2095.25	0.53	ppb
Strontium	86-1	0.24	0.21	0.24	0.23	8.23	ppb
Strontium	88-1	0.23	0.23	0.24	0.23	3.61	ppb
Sulfur	34-1	-502.44	-596.93	-543.53	-547.63		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	196.24	199.94	198.30	198.16	0.94	ppb
Thallium	205-1	191.73	192.98	192.77	192.50	0.35	ppb
Tin	118-1	0.01	0.02	0.01	0.02	19.95	ppb
Titanium	47-1	0.01	0.00	0.02	0.01	64.01	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	98.59	101.19	100.50	100.10	1.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	196.12	204.31	202.14	200.86	2.11	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	5.04	ppb
Zirconium	91-1	0.10	0.09	0.10	0.10	8.30	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.55	22.49	23.10	22.38	3.50	ppb
Antimony	121-1	2.03	1.97	1.99	2.00	1.50	ppb
Arsenic	75-2	1.02	0.94	0.99	0.98	4.12	ppb
Barium	135-1	10.05	10.11	9.77	9.98	1.83	ppb
Barium	137-1	10.05	9.96	9.93	9.98	0.67	ppb
Beryllium	9-1	1.12	1.12	1.12	1.12	0.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Bromine	81-1						cps
Cadmium	108-1	1.13	1.13	0.94	1.07	10.19	ppb
Cadmium	106-1	0.97	0.49	0.61	0.69	36.27	ppb
Cadmium	111-1	1.09	1.02	1.06	1.06	3.10	ppb
Calcium	43-1	508.30	516.06	505.87	510.07	1.04	ppb
Calcium	44-1	502.32	513.39	512.29	509.33	1.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.98	1.99	2.10	2.02	3.29	ppb
Cobalt	59-2	1.10	1.07	1.09	1.08	1.35	ppb
Copper	63-2	2.11	2.12	2.16	2.13	1.30	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				103		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	54-2	57.29	55.46	58.35	57.03	2.56	ppb
Iron	56-2	56.41	55.01	55.65	55.69	1.26	ppb
Iron	57-2	53.22	52.97	52.44	52.88	0.76	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.95	0.95	0.96	1.32	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.93	0.95	0.97	0.95	1.94	ppb
Lead	208-1	0.96	0.96	0.96	0.96	0.26	ppb
Lithium	6-1				102		%
Magnesium	24-2	553.54	541.26	545.94	546.91	1.13	ppb
Manganese	55-2	0.97	0.96	1.05	1.00	4.85	ppb
Molybdenum	94-1	5.74	5.76	5.72	5.74	0.37	ppb
Molybdenum	95-1	4.80	4.83	4.84	4.82	0.49	ppb
Molybdenum	96-1	4.93	4.88	4.85	4.89	0.83	ppb
Molybdenum	97-1	4.73	4.79	4.74	4.75	0.61	ppb
Molybdenum	98-1	4.81	4.78	4.78	4.79	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.10	1.07	1.07	3.32	ppb
Phosphorus	31-2	0.75	16.21	5.59	7.51	105.26	ppb
Potassium	39-2	505.39	500.07	497.86	501.11	0.77	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	5.36	4.85	5.45	5.22	6.25	ppb
Selenium	77-2	6.70	3.59	7.07	5.79	32.98	ppb
Selenium	78-2	5.72	5.62	4.48	5.28	13.02	ppb
Silicon	28-1	1.79	1.64	1.56	1.67	7.10	ppb
Silver	107-1	1.03	1.03	1.01	1.02	1.13	ppb
Silver	109-1	1.02	1.01	1.04	1.02	1.27	ppb
Sodium	23-2	546.56	540.65	542.57	543.26	0.55	ppb
Strontium	86-1	1.00	0.96	0.98	0.98	2.00	ppb
Strontium	88-1	0.98	0.99	0.98	0.99	0.53	ppb
Sulfur	34-1	-562.23	-551.49	-549.74	-554.49		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.92	0.92	0.95	0.93	1.80	ppb
Thallium	205-1	0.96	0.93	0.93	0.94	1.53	ppb
Tin	118-1	4.94	4.97	4.97	4.96	0.32	ppb
Titanium	47-1	4.96	5.02	5.01	4.99	0.64	ppb
Uranium	238-1	0.90	0.90	0.91	0.90	0.65	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.14	5.05	5.22	5.14	1.70	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	4.92	5.36	5.17	5.15	4.23	ppb
Zirconium	90-1	0.96	0.96	0.97	0.96	0.54	ppb
Zirconium	91-1	0.94	0.99	1.00	0.98	3.00	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.12	0.67	0.65	0.81	32.75	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	21.28	ppb
Arsenic	75-2	0.00	0.00	-0.01	0.00		ppb
Barium	135-1	-0.01	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Bromine	81-1						cps
Cadmium	108-1	-0.01	0.04	0.00	0.01	312.42	ppb
Cadmium	106-1	-0.88	-0.74	-0.91	-0.84		ppb
Cadmium	111-1	-0.07	-0.05	-0.07	-0.06		ppb
Calcium	43-1	-0.64	-1.12	-0.22	-0.66		ppb
Calcium	44-1	1.08	0.79	1.13	1.00	18.43	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.00	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	-0.03	-0.02	-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				102		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	1.32	1.58	1.71	1.54	13.04	ppb
Iron	56-2	1.28	1.33	1.43	1.35	5.66	ppb
Iron	57-2	0.65	1.08	1.30	1.01	32.94	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.13	0.13	0.13	6.12	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.14	0.12	0.13	7.69	ppb
Lead	208-1	0.14	0.13	0.12	0.13	7.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	1.30	1.36	1.34	1.33	2.45	ppb
Manganese	55-2	-0.03	-0.04	0.09	0.01	944.29	ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	15.59	ppb
Molybdenum	95-1	0.06	0.04	0.04	0.05	19.74	ppb
Molybdenum	96-1	0.06	0.05	0.03	0.05	25.96	ppb
Molybdenum	97-1	0.05	0.05	0.04	0.05	16.23	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	16.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-24.03	-11.06	-13.27	-16.12		ppb
Potassium	39-2	17.80	20.96	21.17	19.98	9.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.11	-0.06	0.06	0.04	226.34	ppb
Selenium	77-2	0.00	0.00	0.46	0.15	173.21	ppb
Selenium	78-2	0.14	-0.33	-0.62	-0.27		ppb
Silicon	28-1	-0.62	-0.36	-0.41	-0.47		ppb
Silver	107-1	0.01	0.01	0.01	0.01	6.10	ppb
Silver	109-1	0.01	0.01	0.01	0.01	5.48	ppb
Sodium	23-2	13.73	16.45	15.94	15.38	9.41	ppb
Strontium	86-1	0.00	0.00	0.01	0.00	63.98	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1228.82	-1189.73	-1128.13	-1182.23		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.04	0.03	0.04	10.13	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	5.28	ppb
Tin	118-1	-0.01	0.00	0.00	0.00		ppb
Titanium	47-1	0.04	0.02	0.02	0.03	34.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.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				100		%
Zinc	66-2	-0.02	-0.11	-0.04	-0.05		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	17.95	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	460.05	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93432.30	94535.27	94007.15	93991.57	0.59	ppb
Antimony	121-1	1.09	1.07	1.08	1.08	0.90	ppb
Arsenic	75-2	0.30	0.36	0.38	0.34	12.03	ppb
Barium	135-1	1.41	1.44	1.43	1.43	1.08	ppb
Barium	137-1	1.42	1.38	1.42	1.41	1.64	ppb
Beryllium	9-1	0.29	0.30	0.29	0.29	1.35	ppb
Bismuth	209-1				90		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	12.76	13.03	13.20	13.00	1.72	ppb
Cadmium	106-1	-0.69	-0.15	-0.29	-0.38		ppb
Cadmium	111-1	0.50	0.44	0.49	0.48	6.47	ppb
Calcium	43-1	96663.88	102536.57	99407.65	99536.03	2.95	ppb
Calcium	44-1	98611.71	100595.34	98367.73	99191.59	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.71	19.47	19.44	19.54	0.76	ppb
Cobalt	59-2	1.18	1.18	1.11	1.15	3.57	ppb
Copper	63-2	7.71	7.67	7.55	7.65	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				94		%
Iron	54-2	105569.65	106243.92	105262.82	105692.13	0.47	ppb
Iron	56-2	106009.99	107375.19	107000.52	106795.23	0.66	ppb
Iron	57-2	105838.44	105895.95	104917.92	105550.77	0.52	ppb
Krypton	83-1						cps
Lead	206-1	5.09	4.75	4.51	4.79	6.05	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	4.69	4.36	4.16	4.40	6.09	ppb
Lead	208-1	4.82	4.48	4.24	4.51	6.54	ppb
Lithium	6-1				94		%
Magnesium	24-2	99249.29	97676.62	97227.75	98051.22	1.08	ppb
Manganese	55-2	7.50	7.50	7.39	7.47	0.84	ppb
Molybdenum	94-1	1586.17	1548.47	1579.70	1571.45	1.28	ppb
Molybdenum	95-1	1932.34	1923.11	1939.07	1931.51	0.41	ppb
Molybdenum	96-1	1917.68	1875.26	1917.42	1903.45	1.28	ppb
Molybdenum	97-1	1926.45	1893.48	1919.83	1913.26	0.91	ppb
Molybdenum	98-1	1904.33	1893.44	1912.42	1903.40	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.17	5.27	5.04	5.16	2.24	ppb
Phosphorus	31-2	107997.86	106667.71	105560.97	106742.18	1.14	ppb
Potassium	39-2	99044.48	97968.58	97575.30	98196.12	0.77	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	0.33	0.31	0.20	0.28	25.70	ppb
Selenium	77-2	0.00	0.47	0.46	0.31	86.60	ppb
Selenium	78-2	-0.21	-0.34	0.19	-0.12		ppb
Silicon	28-1	7.57	8.17	7.75	7.83	3.88	ppb
Silver	107-1	0.03	0.04	0.04	0.04	22.36	ppb
Silver	109-1	0.03	0.04	0.04	0.04	16.72	ppb
Sodium	23-2	104426.25	106253.98	105374.65	105351.62	0.87	ppb
Strontium	86-1	32.69	32.09	32.80	32.53	1.18	ppb
Strontium	88-1	34.03	33.98	34.10	34.04	0.18	ppb
Sulfur	34-1	99388.86	103348.86	100070.23	100935.98	2.10	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.06	0.08	0.06	26.42	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	21.84	ppb
Tin	118-1	0.15	0.17	0.17	0.16	6.54	ppb
Titanium	47-1	1979.52	2031.18	1970.70	1993.80	1.64	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.67	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.15	0.13	0.14	6.53	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	10.65	10.79	11.40	10.95	3.65	ppb
Zirconium	90-1	0.03	0.05	0.06	0.05	24.53	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	21.56	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93289.46	91892.11	93793.39	92991.65	1.06	ppb
Antimony	121-1	20.63	20.76	20.62	20.67	0.37	ppb
Arsenic	75-2	21.12	20.88	20.91	20.97	0.64	ppb
Barium	135-1	21.58	21.45	21.33	21.45	0.58	ppb
Barium	137-1	21.62	21.67	21.47	21.59	0.47	ppb
Beryllium	9-1	21.14	21.86	22.03	21.68	2.19	ppb
Bismuth	209-1				93		%
Bismuth	209-2				91		%
Bromine	81-1						cps
Cadmium	108-1	29.23	30.03	29.44	29.57	1.41	ppb
Cadmium	106-1	15.94	15.48	14.84	15.42	3.55	ppb
Cadmium	111-1	20.35	20.15	20.16	20.22	0.57	ppb
Calcium	43-1	100696.92	95883.94	98530.00	98370.29	2.45	ppb
Calcium	44-1	98421.37	96881.36	98505.84	97936.19	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.34	39.72	39.38	39.48	0.53	ppb
Cobalt	59-2	21.05	21.24	20.84	21.04	0.94	ppb
Copper	63-2	27.15	27.64	27.31	27.37	0.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				96		%
Iron	54-2	105742.02	106184.84	105085.96	105670.94	0.52	ppb
Iron	56-2	106638.88	105217.06	104388.81	105414.92	1.08	ppb
Iron	57-2	104551.07	103555.20	102968.84	103691.70	0.77	ppb
Krypton	83-1						cps
Lead	206-1	23.45	23.62	23.30	23.46	0.69	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	22.77	22.94	22.75	22.82	0.46	ppb
Lead	208-1	22.85	23.10	22.66	22.87	0.97	ppb
Lithium	6-1				94		%
Magnesium	24-2	97438.69	97949.18	98217.82	97868.56	0.40	ppb
Manganese	55-2	26.85	27.18	27.18	27.07	0.69	ppb
Molybdenum	94-1	1541.27	1485.01	1562.71	1529.66	2.62	ppb
Molybdenum	95-1	1891.82	1861.75	1961.25	1904.94	2.68	ppb
Molybdenum	96-1	1845.91	1842.69	1895.23	1861.28	1.58	ppb
Molybdenum	97-1	1871.37	1824.92	1880.98	1859.09	1.61	ppb
Molybdenum	98-1	1894.59	1768.22	1891.94	1851.58	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.41	24.91	24.28	24.53	1.35	ppb
Phosphorus	31-2	106778.14	106702.35	106135.94	106538.81	0.33	ppb
Potassium	39-2	97438.97	99112.16	97124.55	97891.89	1.09	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	21.28	21.04	20.76	21.03	1.25	ppb
Selenium	77-2	20.75	21.34	23.18	21.75	5.82	ppb
Selenium	78-2	23.06	19.67	18.10	20.28	12.51	ppb
Silicon	28-1	7.76	7.96	9.68	8.47	12.44	ppb
Silver	107-1	18.91	19.12	18.98	19.00	0.57	ppb
Silver	109-1	18.97	18.98	18.99	18.98	0.06	ppb
Sodium	23-2	105297.64	103609.59	104858.63	104588.62	0.84	ppb
Strontium	86-1	31.91	31.41	32.23	31.85	1.30	ppb
Strontium	88-1	32.85	33.54	33.98	33.46	1.70	ppb
Sulfur	34-1	101415.23	98209.44	99801.22	99808.63	1.61	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	19.48	19.70	19.74	19.64	0.70	ppb
Thallium	205-1	19.51	19.65	19.55	19.57	0.37	ppb
Tin	118-1	0.18	0.18	0.17	0.18	4.96	ppb
Titanium	47-1	1951.93	1914.99	1931.60	1932.84	0.96	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.14	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	20.36	20.66	20.07	20.37	1.46	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	29.73	30.17	30.05	29.98	0.76	ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	15.55	ppb
Zirconium	91-1	0.04	0.04	0.05	0.05	17.94	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52634.71	48904.69	53295.57	51611.66	4.59	ppb
Antimony	121-1	510.07	527.22	518.26	518.52	1.65	ppb
Arsenic	75-2	506.64	477.32	511.46	498.47	3.71	ppb
Barium	135-1	2607.17	2711.18	2695.02	2671.12	2.10	ppb
Barium	137-1	2577.32	2666.79	2662.73	2635.62	1.92	ppb
Beryllium	9-1	529.93	514.59	519.84	521.45	1.50	ppb
Bismuth	209-1				87		%
Bismuth	209-2				89		%
Bromine	81-1						cps
Cadmium	108-1	493.78	510.91	506.00	503.56	1.75	ppb
Cadmium	106-1	498.39	520.93	515.17	511.50	2.29	ppb
Cadmium	111-1	510.01	524.65	509.05	514.57	1.70	ppb
Calcium	43-1	246726.48	256900.84	255787.19	253138.17	2.20	ppb
Calcium	44-1	248812.11	257563.18	256675.80	254350.36	1.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.40	492.21	525.06	509.56	3.24	ppb
Cobalt	59-2	487.47	472.52	499.52	486.50	2.78	ppb
Copper	63-2	4631.64	4580.52	4807.16	4673.11	2.54	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				100		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				92		%
Iron	54-2	130033.48	126364.96	132769.13	129722.52	2.48	ppb
Iron	56-2	131133.91	122696.71	132788.96	128873.19	4.20	ppb
Iron	57-2	129732.87	122791.88	132310.87	128278.54	3.84	ppb
Krypton	83-1						cps
Lead	206-1	2593.50	2491.82	2595.51	2560.28	2.32	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2536.12	2486.59	2563.74	2528.82	1.55	ppb
Lead	208-1	2515.91	2474.52	2547.16	2512.53	1.45	ppb
Lithium	6-1				91		%
Magnesium	24-2	254511.07	239167.95	259029.60	250902.87	4.15	ppb
Manganese	55-2	4997.97	4810.76	5072.55	4960.43	2.72	ppb
Molybdenum	94-1	4961.32	5097.81	5074.41	5044.51	1.45	ppb
Molybdenum	95-1	5029.47	5141.85	5107.38	5092.90	1.13	ppb
Molybdenum	96-1	5050.62	5143.37	5078.47	5090.82	0.93	ppb
Molybdenum	97-1	4939.32	5010.04	4960.38	4969.91	0.73	ppb
Molybdenum	98-1	4955.02	5038.43	4998.79	4997.41	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	449.67	464.80	467.04	460.50	2.05	ppb
Phosphorus	31-2	10349.13	9982.48	10877.03	10402.88	4.32	ppb
Potassium	39-2	125198.65	120782.55	129049.07	125010.09	3.31	ppb
Rhodium	103-1				90		%
Rhodium	103-2				91		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	82-1	483.97	488.93	487.80	486.90	0.53	ppb
Selenium	77-2	499.37	507.18	513.97	506.84	1.44	ppb
Selenium	78-2	480.18	492.95	507.07	493.40	2.73	ppb
Silicon	28-1	584.97	593.87	587.75	588.86	0.77	ppb
Silver	107-1	500.90	512.49	509.39	507.59	1.18	ppb
Silver	109-1	496.12	511.61	501.88	503.20	1.56	ppb
Sodium	23-2	254955.95	240786.76	260340.52	252027.74	4.01	ppb
Strontium	86-1	504.72	511.43	518.43	511.53	1.34	ppb
Strontium	88-1	510.20	507.62	513.98	510.60	0.63	ppb
Sulfur	34-1	10286.21	10255.95	9908.22	10150.13	2.07	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	519.25	501.23	523.73	514.74	2.31	ppb
Thallium	205-1	513.60	504.47	514.36	510.81	1.08	ppb
Tin	118-1	499.34	525.81	510.39	511.84	2.60	ppb
Titanium	47-1	4944.69	4962.38	4973.48	4960.18	0.29	ppb
Uranium	238-1	501.01	509.15	518.15	509.44	1.68	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	515.79	494.08	525.53	511.80	3.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	4721.34	4522.84	4949.24	4731.14	4.51	ppb
Zirconium	90-1	498.15	509.46	505.63	504.41	1.14	ppb
Zirconium	91-1	510.42	523.78	509.03	514.41	1.58	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.33	1.69	0.74	1.26	38.12	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	14.76	ppb
Arsenic	75-2	0.00	0.01	0.00	0.01	50.05	ppb
Barium	135-1	0.05	0.03	0.03	0.03	33.31	ppb
Barium	137-1	0.04	0.03	0.03	0.04	21.91	ppb
Beryllium	9-1	0.04	0.03	0.03	0.03	20.29	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.04	0.03	0.03	20.00	ppb
Cadmium	106-1	-0.27	-0.37	0.03	-0.20		ppb
Cadmium	111-1	0.00	-0.01	0.02	0.01	324.05	ppb
Calcium	43-1	3.47	3.20	1.14	2.60	48.86	ppb
Calcium	44-1	4.14	3.03	1.58	2.92	43.96	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	38.00	ppb
Copper	63-2	0.03	0.01	0.02	0.02	42.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	1.96	2.00	1.31	1.76	21.97	ppb
Iron	56-2	2.07	1.95	1.94	1.98	3.55	ppb
Iron	57-2	2.12	1.83	2.20	2.05	9.48	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.13	0.12	0.13	9.65	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.14	0.13	0.12	0.13	8.46	ppb
Lead	208-1	0.14	0.13	0.12	0.13	8.55	ppb
Lithium	6-1				102		%
Magnesium	24-2	3.98	3.56	2.92	3.48	15.33	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00		ppb
Molybdenum	94-1	0.23	0.19	0.16	0.19	19.89	ppb
Molybdenum	95-1	0.15	0.12	0.10	0.12	20.37	ppb
Molybdenum	96-1	0.15	0.12	0.11	0.13	17.88	ppb
Molybdenum	97-1	0.15	0.12	0.09	0.12	23.27	ppb
Molybdenum	98-1	0.14	0.11	0.10	0.12	21.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-21.28	-20.40	-24.08	-21.92		ppb
Potassium	39-2	16.70	16.52	17.51	16.91	3.11	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	82-1	-0.08	0.14	0.00	0.02	659.29	ppb
Selenium	77-2	0.00	0.43	0.00	0.14	173.21	ppb
Selenium	78-2	-0.28	-0.53	0.60	-0.07		ppb
Silicon	28-1	-0.76	-0.17	-1.16	-0.70		ppb
Silver	107-1	0.04	0.04	0.03	0.04	13.53	ppb
Silver	109-1	0.23	0.04	0.03	0.10	110.08	ppb
Sodium	23-2	20.75	20.04	18.39	19.73	6.13	ppb
Strontium	86-1	0.01	0.01	0.01	0.01	26.01	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	23.27	ppb
Sulfur	34-1	-542.76	-511.60	-662.55	-572.30		ppb
Terbium	159-1				104		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.05	0.06	9.01	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	9.38	ppb
Tin	118-1	0.01	0.01	0.01	0.01	14.68	ppb
Titanium	47-1	0.11	0.07	0.08	0.09	25.21	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	55.79	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.01	0.01	0.00	0.01	67.40	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	0.00	0.03	0.06	0.03	92.12	ppb
Zirconium	90-1	0.05	0.04	0.04	0.04	11.89	ppb
Zirconium	91-1	0.05	0.05	0.04	0.04	14.01	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.52	21.37	19.12	20.67	6.50	ppb
Antimony	121-1	1.95	1.98	2.01	1.98	1.57	ppb
Arsenic	75-2	0.88	1.12	1.01	1.00	11.58	ppb
Barium	135-1	9.79	9.80	9.97	9.86	1.04	ppb
Barium	137-1	10.01	9.93	9.96	9.97	0.37	ppb
Beryllium	9-1	1.06	1.11	1.09	1.09	2.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	1.01	0.94	1.11	1.02	8.05	ppb
Cadmium	106-1	0.82	0.47	0.81	0.70	28.00	ppb
Cadmium	111-1	1.02	1.03	1.04	1.03	1.21	ppb
Calcium	43-1	502.77	491.25	510.96	501.66	1.97	ppb
Calcium	44-1	501.71	488.76	505.75	498.74	1.78	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.02	2.03	2.01	2.02	0.49	ppb
Cobalt	59-2	1.09	1.04	1.08	1.07	2.70	ppb
Copper	63-2	2.21	2.09	2.07	2.12	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	54-2	58.47	56.66	55.57	56.90	2.58	ppb
Iron	56-2	56.02	55.17	55.52	55.57	0.77	ppb
Iron	57-2	53.90	56.66	55.57	55.38	2.51	ppb
Krypton	83-1						cps
Lead	206-1	0.97	0.94	0.98	0.96	2.12	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.97	0.99	1.01	0.99	1.97	ppb
Lead	208-1	0.96	0.96	0.99	0.97	1.43	ppb
Lithium	6-1				103		%
Magnesium	24-2	554.45	543.16	543.03	546.88	1.20	ppb
Manganese	55-2	1.05	0.95	1.06	1.02	5.83	ppb
Molybdenum	94-1	5.64	5.71	5.70	5.68	0.59	ppb
Molybdenum	95-1	4.64	4.71	4.84	4.73	2.13	ppb
Molybdenum	96-1	4.85	4.99	4.93	4.92	1.43	ppb
Molybdenum	97-1	4.73	4.81	4.74	4.76	0.88	ppb
Molybdenum	98-1	4.66	4.71	4.71	4.70	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.98	0.99	1.01	3.67	ppb
Phosphorus	31-2	-3.16	8.91	-2.08	1.22	545.77	ppb
Potassium	39-2	506.37	500.80	510.48	505.88	0.96	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				107		%
Selenium	82-1	4.57	5.16	5.27	5.00	7.60	ppb
Selenium	77-2	7.32	6.45	2.58	5.45	46.31	ppb
Selenium	78-2	3.47	4.58	5.58	4.55	23.26	ppb
Silicon	28-1	2.23	0.75	1.34	1.44	51.86	ppb
Silver	107-1	0.99	0.98	1.01	0.99	1.41	ppb
Silver	109-1	1.00	0.99	1.02	1.00	1.49	ppb
Sodium	23-2	552.86	544.56	550.11	549.18	0.77	ppb
Strontium	86-1	0.91	0.95	0.95	0.93	2.47	ppb
Strontium	88-1	0.96	0.98	0.98	0.97	1.34	ppb
Sulfur	34-1	-487.32	-599.60	-469.22	-518.72		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.95	0.93	0.97	0.95	1.97	ppb
Thallium	205-1	0.93	0.95	0.97	0.95	2.15	ppb
Tin	118-1	4.83	4.91	4.91	4.88	0.96	ppb
Titanium	47-1	4.84	4.79	4.89	4.84	0.95	ppb
Uranium	238-1	0.88	0.90	0.89	0.89	1.17	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	5.04	5.06	5.09	5.06	0.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	5.08	5.03	5.14	5.08	1.08	ppb
Zirconium	90-1	0.98	0.98	0.96	0.97	1.15	ppb
Zirconium	91-1	0.96	1.00	0.98	0.98	2.00	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.17	24.86	24.27	25.10	3.88	ppb
Antimony	121-1	0.07	0.07	0.07	0.07	2.81	ppb
Arsenic	75-2	0.19	0.16	0.20	0.19	11.39	ppb
Barium	135-1	23.74	23.67	23.58	23.66	0.33	ppb
Barium	137-1	23.99	23.47	23.85	23.77	1.13	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	169.90	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.02	0.01	0.01	91.00	ppb
Cadmium	106-1	-0.28	-0.51	-0.45	-0.41		ppb
Cadmium	111-1	-0.02	-0.04	-0.03	-0.03		ppb
Calcium	43-1	23727.28	23808.89	23420.28	23652.15	0.87	ppb
Calcium	44-1	23629.55	23358.07	23014.51	23334.04	1.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.21	0.21	0.23	14.58	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	7.79	ppb
Copper	63-2	19.69	19.53	19.69	19.63	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				109		%
Indium	115-1				109		%
Indium	115-2				109		%
Iron	54-2	30.27	29.64	28.96	29.63	2.21	ppb
Iron	56-2	29.48	29.52	29.55	29.52	0.14	ppb
Iron	57-2	31.44	29.93	30.67	30.68	2.46	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.22	0.20	0.21	4.17	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.20	0.20	0.20	0.20	2.26	ppb
Lead	208-1	0.21	0.21	0.20	0.21	3.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	6799.31	6685.23	6580.06	6688.20	1.64	ppb
Manganese	55-2	4.62	4.53	4.70	4.62	1.89	ppb
Molybdenum	94-1	0.19	0.17	0.19	0.18	6.77	ppb
Molybdenum	95-1	0.20	0.17	0.19	0.18	8.95	ppb
Molybdenum	96-1	0.19	0.19	0.19	0.19	1.50	ppb
Molybdenum	97-1	0.18	0.19	0.19	0.19	2.60	ppb
Molybdenum	98-1	0.18	0.19	0.20	0.19	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.18	1.14	1.17	3.06	ppb
Phosphorus	31-2	-9.87	-28.71	-17.56	-18.71		ppb
Potassium	39-2	2425.08	2416.60	2420.89	2420.85	0.18	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				112		%
Selenium	82-1	0.16	0.12	0.39	0.22	65.83	ppb
Selenium	77-2	0.42	0.84	0.00	0.42	100.01	ppb
Selenium	78-2	-0.18	-0.06	-0.43	-0.23		ppb
Silicon	28-1	668.25	655.67	654.35	659.42	1.16	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.38	ppb
Silver	109-1	0.01	0.01	0.01	0.01	7.73	ppb
Sodium	23-2	21099.47	20651.54	21003.31	20918.11	1.13	ppb
Strontium	86-1	89.03	87.19	88.65	88.29	1.10	ppb
Strontium	88-1	94.40	90.55	93.03	92.66	2.11	ppb
Sulfur	34-1	5043.69	4674.35	4658.22	4792.08	4.55	ppb
Terbium	159-1				108		%
Terbium	159-2				109		%
Thallium	203-1	0.03	0.03	0.02	0.03	8.17	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	18.61	ppb
Tin	118-1	1.13	1.08	1.11	1.10	2.30	ppb
Titanium	47-1	0.35	0.34	0.35	0.35	2.00	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	4.86	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.11	0.11	0.11	0.11	1.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				110		%
Zinc	66-2	15.01	14.84	15.10	14.98	0.89	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	21.11	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	79.16	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28.93	30.12	32.54	30.53	6.01	ppb
Antimony	121-1	0.15	0.15	0.14	0.15	4.00	ppb
Arsenic	75-2	0.36	0.40	0.34	0.37	7.31	ppb
Barium	135-1	24.61	25.19	24.76	24.85	1.20	ppb
Barium	137-1	24.93	25.22	24.94	25.03	0.66	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00		ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Bromine	81-1						cps
Cadmium	108-1	0.00	0.01	0.01	0.01	150.68	ppb
Cadmium	106-1	-0.33	-0.23	-0.49	-0.35		ppb
Cadmium	111-1	-0.02	-0.01	-0.04	-0.03		ppb
Calcium	43-1	24369.11	24188.25	24620.11	24392.49	0.89	ppb
Calcium	44-1	23784.10	23804.60	24179.24	23922.64	0.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.32	0.35	0.32	7.10	ppb
Cobalt	59-2	0.05	0.05	0.05	0.05	1.93	ppb
Copper	63-2	14.19	14.16	14.68	14.34	2.03	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				109		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	54-2	608.22	594.82	615.03	606.02	1.70	ppb
Iron	56-2	653.96	615.46	648.07	639.16	3.24	ppb
Iron	57-2	609.62	588.61	616.35	604.86	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.14	0.14	0.14	4.36	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.15	0.15	0.14	0.14	3.72	ppb
Lead	208-1	0.14	0.14	0.14	0.14	1.82	ppb
Lithium	6-1				105		%
Magnesium	24-2	6965.92	6572.95	7110.78	6883.22	4.04	ppb
Manganese	55-2	15.76	15.32	15.78	15.62	1.65	ppb
Molybdenum	94-1	0.21	0.21	0.21	0.21	0.77	ppb
Molybdenum	95-1	0.19	0.20	0.20	0.20	0.79	ppb
Molybdenum	96-1	0.21	0.21	0.21	0.21	1.13	ppb
Molybdenum	97-1	0.19	0.20	0.20	0.20	3.21	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	2.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.70	0.71	0.70	0.70	0.78	ppb
Phosphorus	31-2	-10.08	-9.00	-21.43	-13.50		ppb
Potassium	39-2	2518.86	2437.41	2580.12	2512.13	2.85	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				111		%
Scandium	45-2				110		%
Selenium	82-1	0.23	0.09	0.43	0.25	69.19	ppb
Selenium	77-2	0.00	0.83	0.00	0.28	173.21	ppb
Selenium	78-2	0.32	-0.44	-0.03	-0.05		ppb
Silicon	28-1	668.12	658.12	659.20	661.81	0.83	ppb
Silver	107-1	0.01	0.01	0.01	0.01	7.84	ppb
Silver	109-1	0.01	0.01	0.01	0.01	16.46	ppb
Sodium	23-2	22289.85	21326.62	22809.03	22141.83	3.40	ppb
Strontium	86-1	90.13	89.78	91.21	90.37	0.83	ppb
Strontium	88-1	92.80	94.43	93.87	93.70	0.88	ppb
Sulfur	34-1	5462.21	5458.88	5625.33	5515.48	1.73	ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	0.02	0.02	0.02	0.02	5.51	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	9.42	ppb
Tin	118-1	2.22	2.21	2.24	2.22	0.77	ppb
Titanium	47-1	0.39	0.37	0.41	0.39	4.93	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	9.16	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.14	0.12	0.12	0.13	9.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	43.51	41.50	43.34	42.78	2.61	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	2.58	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	10.62	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.90	0.51	0.11	0.51	78.69	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	11.50	ppb
Arsenic	75-2	-0.01	-0.01	-0.02	-0.01		ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.01	0.00	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Bromine	81-1						cps
Cadmium	108-1	0.02	0.00	-0.02	0.00	1321.80	ppb
Cadmium	106-1	-0.23	-0.15	-0.22	-0.20		ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Calcium	43-1	-0.99	-2.87	-1.45	-1.77		ppb
Calcium	44-1	-0.12	-1.00	-0.86	-0.66		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	-0.06	-0.07	-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				105		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	54-2	0.63	0.53	0.19	0.45	51.09	ppb
Iron	56-2	0.06	0.04	0.13	0.08	62.73	ppb
Iron	57-2	0.27	0.40	0.11	0.26	56.20	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	11.85	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.03	0.02	0.03	0.02	21.99	ppb
Lead	208-1	0.02	0.02	0.02	0.02	11.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.59	0.51	0.83	0.64	25.92	ppb
Manganese	55-2	-0.03	-0.03	-0.06	-0.04		ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	5.86	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	21.11	ppb
Molybdenum	96-1	0.01	0.00	0.00	0.01	52.71	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	113.27	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	43.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.01	0.01	39.06	ppb
Phosphorus	31-2	-20.39	-24.70	-29.81	-24.97		ppb
Potassium	39-2	10.69	10.32	8.75	9.92	10.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	82-1	-0.04	-0.08	0.19	0.02	600.68	ppb
Selenium	77-2	0.44	0.00	0.00	0.15	173.21	ppb
Selenium	78-2	-0.39	-0.40	-0.91	-0.57		ppb
Silicon	28-1	0.20	-0.70	-0.66	-0.39		ppb
Silver	107-1	0.00	0.01	0.01	0.01	18.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00	12.71	ppb
Sodium	23-2	8.53	7.15	6.70	7.46	12.76	ppb
Strontium	86-1	0.00	0.01	0.00	0.00	102.60	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	48.44	ppb
Sulfur	34-1	-42.57	-129.40	-67.23	-79.73		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.02	0.01	0.01	0.01	3.88	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	6.46	ppb
Tin	118-1	0.00	0.00	0.00	0.00	928.07	ppb
Titanium	47-1	-0.01	0.00	-0.01	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.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				106		%
Yttrium	89-2				106		%
Zinc	66-2	-0.02	0.05	-0.01	0.01	765.16	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	19.53	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	32.39	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10199.23	10210.45	10210.18	10206.62	0.06	ppb
Antimony	121-1	516.93	516.06	523.26	518.75	0.76	ppb
Arsenic	75-2	514.65	511.64	503.69	509.99	1.11	ppb
Barium	135-1	2558.83	2602.59	2568.01	2576.48	0.90	ppb
Barium	137-1	2620.13	2627.16	2531.30	2592.86	2.06	ppb
Beryllium	9-1	512.92	526.56	528.84	522.77	1.65	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Bromine	81-1						cps
Cadmium	108-1	525.67	530.86	514.36	523.63	1.61	ppb
Cadmium	106-1	525.94	525.47	510.43	520.61	1.69	ppb
Cadmium	111-1	528.31	546.41	528.08	534.27	1.97	ppb
Calcium	43-1	51291.59	50860.73	51564.66	51238.99	0.69	ppb
Calcium	44-1	51524.21	50355.29	51337.56	51072.35	1.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	511.93	510.29	507.34	509.85	0.46	ppb
Cobalt	59-2	506.01	514.73	512.50	511.08	0.89	ppb
Copper	63-2	4947.43	5066.94	5041.75	5018.71	1.26	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				98		%
Indium	115-2				93		%
Iron	54-2	27552.26	27522.82	27336.40	27470.49	0.43	ppb
Iron	56-2	26854.82	27353.07	27341.06	27182.98	1.05	ppb
Iron	57-2	27019.30	27862.73	27597.78	27493.27	1.57	ppb
Krypton	83-1						cps
Lead	206-1	2380.06	2458.28	2481.88	2440.07	2.18	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2407.69	2462.71	2477.52	2449.30	1.50	ppb
Lead	208-1	2412.84	2451.77	2479.64	2448.08	1.37	ppb
Lithium	6-1				99		%
Magnesium	24-2	52199.10	51876.20	53148.40	52407.90	1.26	ppb
Manganese	55-2	5055.60	5090.75	5028.27	5058.20	0.62	ppb
Molybdenum	94-1	5038.44	5163.27	4972.20	5057.97	1.92	ppb
Molybdenum	95-1	4961.35	5238.63	4980.94	5060.30	3.06	ppb
Molybdenum	96-1	4956.32	5222.50	5033.23	5070.68	2.70	ppb
Molybdenum	97-1	4959.31	5034.71	4958.66	4984.23	0.88	ppb
Molybdenum	98-1	5008.16	5131.05	4970.02	5036.41	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.99	528.76	516.84	519.86	1.51	ppb
Phosphorus	31-2	10259.20	10217.53	10280.17	10252.30	0.31	ppb
Potassium	39-2	25554.69	25568.22	25522.86	25548.59	0.09	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	495.13	513.85	497.41	502.13	2.03	ppb
Selenium	77-2	528.21	490.75	542.27	520.41	5.12	ppb
Selenium	78-2	517.80	519.41	502.77	513.33	1.79	ppb
Silicon	28-1	572.46	555.08	567.05	564.86	1.57	ppb
Silver	107-1	528.47	540.80	518.64	529.30	2.10	ppb
Silver	109-1	522.17	532.87	534.84	529.96	1.29	ppb
Sodium	23-2	52770.06	53174.06	53481.90	53142.01	0.67	ppb
Strontium	86-1	503.95	509.29	503.88	505.71	0.61	ppb
Strontium	88-1	497.01	505.67	504.41	502.37	0.93	ppb
Sulfur	34-1	10417.14	9896.80	9995.89	10103.28	2.73	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	480.14	493.42	497.95	490.51	1.89	ppb
Thallium	205-1	491.38	490.92	503.55	495.28	1.45	ppb
Tin	118-1	523.31	522.14	515.92	520.46	0.76	ppb
Titanium	47-1	4978.22	4895.91	4961.27	4945.14	0.88	ppb
Uranium	238-1	491.63	495.46	491.64	492.91	0.45	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	507.31	513.41	521.49	514.07	1.38	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	5006.47	4995.90	4966.41	4989.59	0.42	ppb
Zirconium	90-1	505.63	513.47	496.50	505.20	1.68	ppb
Zirconium	91-1	507.34	522.05	498.85	509.41	2.30	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51534.24	52532.27	51922.18	51996.23	0.97	ppb
Antimony	121-1	505.76	523.29	519.84	516.30	1.80	ppb
Arsenic	75-2	496.90	497.47	500.33	498.23	0.37	ppb
Barium	135-1	2620.63	2670.73	2658.66	2650.01	0.99	ppb
Barium	137-1	2597.63	2667.30	2624.76	2629.90	1.34	ppb
Beryllium	9-1	529.08	519.93	519.97	522.99	1.01	ppb
Bismuth	209-1				90		%
Bismuth	209-2				88		%
Bromine	81-1						cps
Cadmium	108-1	497.66	512.89	507.75	506.10	1.53	ppb
Cadmium	106-1	498.26	517.66	512.63	509.52	1.98	ppb
Cadmium	111-1	508.14	521.33	512.53	514.00	1.31	ppb
Calcium	43-1	250090.82	258030.89	250220.49	252780.73	1.80	ppb
Calcium	44-1	252227.87	255290.13	250931.17	252816.39	0.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	507.02	513.89	511.50	510.80	0.68	ppb
Cobalt	59-2	489.56	491.20	490.37	490.38	0.17	ppb
Copper	63-2	4750.95	4665.84	4642.67	4686.49	1.22	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				99		%
Holmium	165-2				99		%
Indium	115-1				90		%
Indium	115-2				90		%
Iron	54-2	130846.72	129582.12	130097.88	130175.57	0.49	ppb
Iron	56-2	130388.38	131352.00	132293.24	131344.54	0.73	ppb
Iron	57-2	127666.89	131031.07	130530.40	129742.79	1.40	ppb
Krypton	83-1						cps
Lead	206-1	2480.23	2550.44	2551.44	2527.37	1.62	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	2433.71	2478.09	2534.86	2482.22	2.04	ppb
Lead	208-1	2453.08	2474.54	2532.03	2486.55	1.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	252321.02	255508.11	254970.24	254266.46	0.67	ppb
Manganese	55-2	4982.77	5045.99	5009.73	5012.83	0.63	ppb
Molybdenum	94-1	5074.55	4950.86	4925.74	4983.72	1.60	ppb
Molybdenum	95-1	5072.12	5026.06	5024.30	5040.83	0.54	ppb
Molybdenum	96-1	5075.18	5044.90	5132.42	5084.17	0.87	ppb
Molybdenum	97-1	4967.66	4953.92	5004.82	4975.47	0.53	ppb
Molybdenum	98-1	5010.79	4957.47	4937.14	4968.47	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	454.13	455.27	454.16	454.52	0.14	ppb
Phosphorus	31-2	10347.77	10361.78	10430.10	10379.88	0.42	ppb
Potassium	39-2	127670.07	124986.76	125048.97	125901.93	1.22	ppb
Rhodium	103-1				89		%
Rhodium	103-2				90		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	82-1	487.63	479.73	482.95	483.44	0.82	ppb
Selenium	77-2	488.99	507.54	490.00	495.51	2.11	ppb
Selenium	78-2	518.18	492.94	502.16	504.43	2.53	ppb
Silicon	28-1	589.62	593.74	586.85	590.07	0.59	ppb
Silver	107-1	494.12	511.49	510.64	505.41	1.94	ppb
Silver	109-1	497.35	501.70	504.51	501.19	0.72	ppb
Sodium	23-2	258704.70	258315.45	260812.57	259277.57	0.52	ppb
Strontium	86-1	504.53	503.48	505.42	504.48	0.19	ppb
Strontium	88-1	512.84	509.38	512.87	511.69	0.39	ppb
Sulfur	34-1	10395.53	10028.28	9944.00	10122.60	2.37	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	507.13	511.61	513.15	510.63	0.61	ppb
Thallium	205-1	501.71	505.80	508.65	505.39	0.69	ppb
Tin	118-1	503.93	513.27	507.18	508.13	0.93	ppb
Titanium	47-1	4915.49	5052.39	5011.10	4992.99	1.41	ppb
Uranium	238-1	511.59	504.46	517.09	511.05	1.24	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	514.07	503.49	512.92	510.16	1.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	4776.74	4707.13	4783.70	4755.85	0.89	ppb
Zirconium	90-1	509.17	501.63	495.10	501.96	1.40	ppb
Zirconium	91-1	510.49	503.10	505.10	506.23	0.75	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.40	0.59	-0.19	0.27	152.55	ppb
Antimony	121-1	0.09	0.08	0.07	0.08	12.16	ppb
Arsenic	75-2	0.01	0.01	0.01	0.01	0.92	ppb
Barium	135-1	0.04	0.02	0.02	0.03	42.54	ppb
Barium	137-1	0.02	0.02	0.02	0.02	16.46	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	19.81	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Bromine	81-1						cps
Cadmium	108-1	0.03	0.05	0.02	0.03	45.67	ppb
Cadmium	106-1	-0.75	-0.24	-0.37	-0.46		ppb
Cadmium	111-1	-0.04	0.00	-0.01	-0.02		ppb
Calcium	43-1	1.34	1.37	0.29	1.00	61.20	ppb
Calcium	44-1	0.48	0.94	0.18	0.53	72.32	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	0.01	0.01	0.00	2859.88	ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	39.87	ppb
Copper	63-2	-0.01	0.02	-0.01	0.00	17056.54	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				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				106		%
Iron	54-2	1.09	1.42	1.12	1.21	15.13	ppb
Iron	56-2	1.12	1.13	1.01	1.09	6.10	ppb
Iron	57-2	1.42	1.52	1.14	1.36	14.46	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.08	0.10	15.57	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Lead	207-1	0.12	0.11	0.11	0.11	4.45	ppb
Lead	208-1	0.11	0.11	0.10	0.10	7.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.62	2.07	2.51	2.40	12.05	ppb
Manganese	55-2	-0.01	0.08	0.12	0.07	100.86	ppb
Molybdenum	94-1	0.19	0.16	0.16	0.17	11.52	ppb
Molybdenum	95-1	0.10	0.09	0.08	0.09	12.33	ppb
Molybdenum	96-1	0.12	0.09	0.09	0.10	18.06	ppb
Molybdenum	97-1	0.10	0.08	0.07	0.08	18.98	ppb
Molybdenum	98-1	0.11	0.08	0.08	0.09	17.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.01	0.01	0.00		ppb
Phosphorus	31-2	-21.07	-19.38	-23.37	-21.27		ppb
Potassium	39-2	11.67	11.30	12.01	11.66	3.08	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				109		%
Scandium	45-2				108		%
Selenium	82-1	0.08	0.28	0.18	0.18	55.36	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.29	-0.41	-0.66	-0.45		ppb
Silicon	28-1	-0.90	-0.64	-0.96	-0.83		ppb
Silver	107-1	0.03	0.03	0.03	0.03	7.91	ppb
Silver	109-1	0.03	0.03	0.03	0.03	13.23	ppb
Sodium	23-2	16.20	16.39	16.37	16.32	0.63	ppb
Strontium	86-1	0.01	0.00	0.01	0.01	84.63	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	14.03	ppb
Sulfur	34-1	-408.12	-284.45	-413.69	-368.75		ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	0.03	0.03	0.03	0.03	4.92	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.84	ppb
Tin	118-1	0.00	0.01	0.06	0.02	141.56	ppb
Titanium	47-1	0.06	0.06	0.06	0.06	4.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	38.10	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Vanadium	51-2	0.00	0.00	0.00	0.00	106.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				107		%
Zinc	66-2	-0.02	0.19	0.01	0.06	181.05	ppb
Zirconium	90-1	0.06	0.05	0.05	0.05	6.25	ppb
Zirconium	91-1	0.07	0.06	0.05	0.06	13.20	ppb

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	327	360	323	11.89	cps
Antimony	121-1	47	87	97	77	34.51	cps
Arsenic	75-2	17	7	7	10	57.72	cps
Barium	135-1	160	157	170	162	4.28	cps
Barium	137-1	330	293	310	311	5.90	cps
Beryllium	9-1	138	139	127	135	5.12	cps
Bismuth	209-1	5314512	5413838	5334819	5354389	0.98	cps
Bismuth	209-2	2496634	2516440	2504568	2505881	0.40	cps
Bromine	81-1	29217	28586	29364	29056	1.42	cps
Cadmium	108-1	13	17	13	14	13.35	cps
Cadmium	106-1	4918	4698	4818	4811	2.29	cps
Cadmium	111-1	3456	3327	3390	3391	1.91	cps
Calcium	43-1	1097	973	970	1013	7.12	cps
Calcium	44-1	28482	27777	27820	28026	1.41	cps
Carbon	12-1	3191878	3049585	3105741	3115734	2.30	cps
Carbon	12-2	22057	22294	21967	22106	0.76	cps
Chlorine	35-1	136886	137583	136382	136950	0.44	cps
Chlorine	35-2	507	563	580	550	6.99	cps
Chromium	52-2	1127	1107	1090	1108	1.66	cps
Cobalt	59-2	113	113	120	116	3.33	cps
Copper	63-2	2394	2444	2327	2388	2.45	cps
Dysprosium	156-1	27	3	13	14	81.07	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	53	47	53	51	7.52	cps
Erbium	164-2	13	27	20	20	33.35	cps
Gadolinium	160-1	73	110	83	89	21.33	cps
Gadolinium	160-2	27	10	27	21	45.58	cps
Holmium	165-1	8569211	8600342	8550423	8573325	0.29	cps
Holmium	165-2	3459585	3435498	3476911	3457331	0.60	cps
Indium	115-1	7376131	7283417	7451945	7370498	1.15	cps
Indium	115-2	808837	801714	806310	805620	0.45	cps
Iron	54-2	703	723	673	700	3.60	cps
Iron	56-2	8849	8776	9330	8985	3.35	cps
Iron	57-2	233	203	247	228	9.74	cps
Krypton	83-1	253	263	327	281	14.15	cps
Lead	206-1	897	853	983	911	7.27	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	710	793	710	738	6.52	cps
Lead	208-1	3430	3537	3614	3527	2.61	cps
Lithium	6-1	2454929	2434292	2487283	2458835	1.09	cps
Magnesium	24-2	367	340	403	370	8.59	cps
Manganese	55-2	2397	2467	2587	2484	3.87	cps
Molybdenum	94-1	453	447	460	453	1.47	cps
Molybdenum	95-1	237	290	177	234	24.19	cps
Molybdenum	96-1	330	250	307	296	13.92	cps
Molybdenum	97-1	153	137	167	152	9.87	cps
Molybdenum	98-1	333	313	377	341	9.49	cps
Neodymium	150-1	3	10	7	7	50.03	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	597	543	673	604	10.81	cps
Phosphorus	31-2	147	157	90	131	27.42	cps
Potassium	39-2	14397	14327	14210	14312	0.66	cps
Rhodium	103-1	6843195	6929100	6911443	6894579	0.66	cps
Rhodium	103-2	2960757	2951323	2984648	2965576	0.58	cps
Scandium	45-1	4623918	4543541	4647258	4604906	1.18	cps
Scandium	45-2	95572	93783	96196	95184	1.32	cps
Selenium	82-1	-10	33	-83	-20	-294.92	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	40	27	20	29	35.25	cps
Silicon	28-1	543585	502565	424770	490307	12.31	cps
Silver	107-1	113	163	173	150	21.43	cps
Silver	109-1	90	80	73	81	10.34	cps
Sodium	23-2	28705	27897	28551	28384	1.51	cps
Strontium	86-1	543	477	493	504	6.88	cps
Strontium	88-1	563	617	590	590	4.52	cps
Sulfur	34-1	553025	552248	550847	552040	0.20	cps
Terbium	159-1	8966650	8963277	8989424	8973117	0.16	cps
Terbium	159-2	3295563	3349725	3374652	3339980	1.21	cps
Thallium	203-1	233	220	227	227	2.94	cps
Thallium	205-1	567	687	637	630	9.57	cps
Tin	118-1	3510	3464	3430	3468	1.16	cps
Titanium	47-1	263	240	223	242	8.30	cps
Uranium	238-1	467	403	423	431	7.51	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S0 Instrumnet Name : P8
Client Sample ID : S0 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:31:50 DataFile Name : 004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	13	50	20	28	70.32	cps
Ytterbium	172-1	70	50	53	58	18.55	cps
Ytterbium	172-2	20	37	20	26	37.66	cps
Ytterbium	176-1	1403	1243	1370	1339	6.31	cps
Ytterbium	176-2	413	373	387	391	5.21	cps
Yttrium	89-1	13051563	12886221	12816650	12918144	0.93	cps
Yttrium	89-2	995063	989106	995546	993238	0.36	cps
Zinc	66-2	1533	1473	1463	1490	2.54	cps
Zirconium	90-1	1120	1304	923	1116	17.04	cps
Zirconium	91-1	273	233	230	246	9.82	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2204	2340	2224	2256	3.27	cps
Antimony	121-1	53852	54304	55023	54393	1.09	cps
Arsenic	75-2	597	747	713	686	11.49	cps
Barium	135-1	65564	65595	66388	65849	0.71	cps
Barium	137-1	115323	115253	114983	115186	0.16	cps
Beryllium	9-1	7459	7434	7437	7443	0.18	cps
Bismuth	209-1	5195544	5193668	5251129	5213447	0.63	cps
Bismuth	209-2	2446036	2406239	2498241	2450172	1.88	cps
Bromine	81-1	28205	28369	28820	28465	1.12	cps
Cadmium	108-1	530	573	560	554	4.00	cps
Cadmium	106-1	5261	5464	5524	5417	2.55	cps
Cadmium	111-1	10500	10379	10734	10538	1.71	cps
Calcium	43-1	44168	45251	44696	44705	1.21	cps
Calcium	44-1	728060	737506	739183	734916	0.82	cps
Carbon	12-1	3456832	3415328	3319899	3397353	2.07	cps
Carbon	12-2	23582	23279	23466	23442	0.65	cps
Chlorine	35-1	155360	157783	158803	157316	1.12	cps
Chlorine	35-2	667	680	637	661	3.36	cps
Chromium	52-2	12949	13059	13139	13049	0.73	cps
Cobalt	59-2	12145	12405	12549	12367	1.65	cps
Copper	63-2	21233	21506	21303	21347	0.67	cps
Dysprosium	156-1	13	17	23	18	28.64	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	50	50	50	0.00	cps
Erbium	164-2	17	27	23	22	22.91	cps
Gadolinium	160-1	120	93	100	104	13.29	cps
Gadolinium	160-2	10	23	23	19	40.75	cps
Holmium	165-1	8266961	8473781	8388581	8376441	1.24	cps
Holmium	165-2	3397151	3328953	3414569	3380224	1.34	cps
Indium	115-1	7073885	7087594	7040048	7067176	0.35	cps
Indium	115-2	786405	790239	795228	790624	0.56	cps
Iron	54-2	13787	13483	13533	13601	1.20	cps
Iron	56-2	239181	240384	244448	241338	1.14	cps
Iron	57-2	6348	6078	5748	6058	4.96	cps
Krypton	83-1	267	243	273	261	6.03	cps
Lead	206-1	19995	20176	20770	20314	2.00	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17859	17879	17906	17881	0.13	cps
Lead	208-1	80598	81705	83326	81876	1.68	cps
Lithium	6-1	2467679	2433666	2368060	2423135	2.09	cps
Magnesium	24-2	177143	178475	178070	177896	0.38	cps
Manganese	55-2	5168	4968	4964	5033	2.31	cps
Molybdenum	94-1	56280	56792	57143	56738	0.77	cps
Molybdenum	95-1	69178	70276	70417	69957	0.97	cps
Molybdenum	96-1	75923	76791	77548	76754	1.06	cps
Molybdenum	97-1	42047	44103	43515	43222	2.45	cps
Molybdenum	98-1	111360	114558	112542	112820	1.43	cps
Neodymium	150-1	17	17	10	14	26.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3921	3881	4064	3955	2.44	cps
Phosphorus	31-2	273	250	297	273	8.54	cps
Potassium	39-2	125402	126445	127571	126473	0.86	cps
Rhodium	103-1	6707552	6822566	6710437	6746852	0.97	cps
Rhodium	103-2	2897239	2901318	2954596	2917718	1.10	cps
Scandium	45-1	4503977	4396275	4391012	4430421	1.44	cps
Scandium	45-2	93538	92626	94213	93459	0.85	cps
Selenium	82-1	2114	2230	2290	2211	4.06	cps
Selenium	77-2	73	57	40	57	29.41	cps
Selenium	78-2	157	203	113	158	28.53	cps
Silicon	28-1	583735	521725	632163	579208	9.56	cps
Silver	107-1	34456	34904	35800	35053	1.95	cps
Silver	109-1	32235	32869	34032	33045	2.76	cps
Sodium	23-2	372780	372152	379176	374703	1.04	cps
Strontium	86-1	9443	9697	9740	9627	1.67	cps
Strontium	88-1	77366	79625	79803	78931	1.72	cps
Sulfur	34-1	541920	550344	547777	546680	0.79	cps
Terbium	159-1	8698108	8804400	8726884	8743131	0.63	cps
Terbium	159-2	3249522	3341312	3337936	3309590	1.57	cps
Thallium	203-1	24737	25415	25114	25089	1.35	cps
Thallium	205-1	58829	58943	59713	59162	0.81	cps
Tin	118-1	113973	116772	114890	115212	1.24	cps
Titanium	47-1	19670	19680	20151	19834	1.38	cps
Uranium	238-1	75731	77545	77078	76785	1.23	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S2 Instrumnet Name : P8
Client Sample ID : S2 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:38:36 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	23099	23349	23149	23199	0.57	cps
Ytterbium	172-1	50	47	33	43	20.36	cps
Ytterbium	172-2	7	17	13	12	41.65	cps
Ytterbium	176-1	1270	1200	1370	1280	6.68	cps
Ytterbium	176-2	293	413	343	350	17.22	cps
Yttrium	89-1	12657130	12513268	12651160	12607186	0.65	cps
Yttrium	89-2	971265	974356	984211	976611	0.69	cps
Zinc	66-2	6598	6462	6588	6549	1.16	cps
Zirconium	90-1	48451	49859	49571	49293	1.51	cps
Zirconium	91-1	10517	10788	11318	10874	3.75	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92079	91760	92099	91979	0.21	cps
Antimony	121-1	1320346	1343550	1340925	1334940	0.95	cps
Arsenic	75-2	28666	28489	28890	28681	0.70	cps
Barium	135-1	1616993	1648367	1724709	1663356	3.33	cps
Barium	137-1	2869079	2859114	2934694	2887629	1.42	cps
Beryllium	9-1	343000	349965	344657	345874	1.05	cps
Bismuth	209-1	5194488	5205551	5246868	5215636	0.53	cps
Bismuth	209-2	2382141	2412240	2340224	2378202	1.52	cps
Bromine	81-1	28279	28917	28436	28544	1.16	cps
Cadmium	108-1	26709	27551	26572	26944	1.97	cps
Cadmium	106-1	42071	43873	43358	43100	2.15	cps
Cadmium	111-1	337866	343332	343472	341556	0.94	cps
Calcium	43-1	414690	425144	416027	418620	1.36	cps
Calcium	44-1	6747282	6808959	6747818	6768019	0.52	cps
Carbon	12-1	3478579	3390798	3369249	3412875	1.70	cps
Carbon	12-2	23372	23222	22938	23177	0.95	cps
Chlorine	35-1	152790	153561	155121	153824	0.77	cps
Chlorine	35-2	730	610	633	658	9.67	cps
Chromium	52-2	285334	278956	283783	282691	1.18	cps
Cobalt	59-2	535557	533609	537581	535583	0.37	cps
Copper	63-2	4352789	4371120	4364657	4362855	0.21	cps
Dysprosium	156-1	70	40	50	53	28.64	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	73	67	100	80	22.05	cps
Erbium	164-2	23	33	17	24	34.31	cps
Gadolinium	160-1	97	117	117	110	10.50	cps
Gadolinium	160-2	23	37	10	23	57.15	cps
Holmium	165-1	8392456	8426213	8578505	8465725	1.17	cps
Holmium	165-2	3372029	3299879	3289904	3320604	1.35	cps
Indium	115-1	7175688	7147652	7094458	7139266	0.58	cps
Indium	115-2	772851	765327	766997	768392	0.51	cps
Iron	54-2	591207	583823	588568	587866	0.64	cps
Iron	56-2	10929862	10977818	10811119	10906266	0.79	cps
Iron	57-2	271124	268593	269676	269797	0.47	cps
Krypton	83-1	350	260	303	304	14.78	cps
Lead	206-1	5148319	5129236	5135512	5137689	0.19	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4342620	4399283	4412276	4384726	0.84	cps
Lead	208-1	20083302	20190552	20364866	20212907	0.70	cps
Lithium	6-1	2427573	2444819	2428898	2433763	0.39	cps
Magnesium	24-2	1642451	1610921	1633020	1628797	0.99	cps
Manganese	55-2	1202496	1189275	1212836	1201536	0.98	cps
Molybdenum	94-1	4676979	4676429	4713761	4689056	0.46	cps
Molybdenum	95-1	6713184	6806542	6973546	6831091	1.93	cps
Molybdenum	96-1	7430133	7475138	7529636	7478302	0.67	cps
Molybdenum	97-1	4313716	4335169	4269722	4306202	0.77	cps
Molybdenum	98-1	10979418	10978940	11012126	10990161	0.17	cps
Neodymium	150-1	187	150	153	163	12.41	cps
Neodymium	150-2	0	0	13	4	173.21	cps
Nickel	60-2	148415	146249	147684	147449	0.75	cps
Phosphorus	31-2	4424	4818	4864	4702	5.14	cps
Potassium	39-2	541522	535321	541632	539492	0.67	cps
Rhodium	103-1	6793995	6800199	6611932	6735375	1.59	cps
Rhodium	103-2	2858050	2795793	2853202	2835682	1.22	cps
Scandium	45-1	4470392	4504426	4509914	4494911	0.48	cps
Scandium	45-2	90452	88852	90036	89780	0.92	cps
Selenium	82-1	20068	21350	20889	20769	3.13	cps
Selenium	77-2	383	403	353	380	6.62	cps
Selenium	78-2	1457	1210	1447	1371	10.18	cps
Silicon	28-1	2802657	2764897	2796147	2787900	0.72	cps
Silver	107-1	1821369	1853737	1831050	1835385	0.91	cps
Silver	109-1	1701706	1719635	1720057	1713800	0.61	cps
Sodium	23-2	3230126	3202050	3199974	3210717	0.52	cps
Strontium	86-1	428496	432914	435449	432286	0.81	cps
Strontium	88-1	3837656	3878290	3925316	3880421	1.13	cps
Sulfur	34-1	677308	675137	670643	674363	0.50	cps
Terbium	159-1	8682024	8942497	9004093	8876205	1.93	cps
Terbium	159-2	3252752	3206254	3231018	3230008	0.72	cps
Thallium	203-1	1181601	1212226	1218164	1203997	1.63	cps
Thallium	205-1	2997512	2963916	3037685	2999704	1.23	cps
Tin	118-1	1083197	1090498	1110066	1094587	1.27	cps
Titanium	47-1	1909745	1903861	1926546	1913384	0.62	cps
Uranium	238-1	3792272	3899270	3833642	3841728	1.40	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S3 Instrumnet Name : P8
Client Sample ID : S3 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:41:58 DataFile Name : 007CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	213235	212565	212145	212648	0.26	cps
Ytterbium	172-1	50	37	83	57	42.41	cps
Ytterbium	172-2	37	33	33	34	5.60	cps
Ytterbium	176-1	6765	6899	7069	6911	2.20	cps
Ytterbium	176-2	2410	2474	2604	2496	3.95	cps
Yttrium	89-1	12276596	12402662	12669416	12449558	1.61	cps
Yttrium	89-2	965637	957095	958719	960484	0.47	cps
Zinc	66-2	467650	464712	466131	466164	0.32	cps
Zirconium	90-1	2358026	2431581	2399162	2396257	1.54	cps
Zirconium	91-1	505574	515941	517437	512984	1.26	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	219004	218692	219890	219196	0.28	cps
Antimony	121-1	3389113	3367024	3447470	3401203	1.22	cps
Arsenic	75-2	68911	68639	68924	68825	0.23	cps
Barium	135-1	4109237	4037063	4039124	4061808	1.01	cps
Barium	137-1	6961401	7039503	6997903	6999602	0.56	cps
Beryllium	9-1	816210	829264	833055	826176	1.07	cps
Bismuth	209-1	5298915	5283006	5429630	5337184	1.51	cps
Bismuth	209-2	2406958	2381219	2394421	2394199	0.54	cps
Bromine	81-1	27056	27106	27621	27261	1.15	cps
Cadmium	108-1	63907	64246	65518	64557	1.32	cps
Cadmium	106-1	97095	97488	99065	97883	1.07	cps
Cadmium	111-1	818363	836214	841319	831965	1.45	cps
Calcium	43-1	999402	1015081	1005333	1006606	0.79	cps
Calcium	44-1	16144842	16177154	16338801	16220266	0.64	cps
Carbon	12-1	3474218	3412884	3457171	3448091	0.92	cps
Carbon	12-2	24581	23419	23753	23917	2.50	cps
Chlorine	35-1	157941	162251	161530	160574	1.44	cps
Chlorine	35-2	713	597	613	641	9.84	cps
Chromium	52-2	682881	680860	682719	682153	0.16	cps
Cobalt	59-2	1284538	1287050	1277581	1283056	0.38	cps
Copper	63-2	10507408	10177672	10347830	10344303	1.59	cps
Dysprosium	156-1	97	100	80	92	11.62	cps
Dysprosium	156-2	17	10	17	14	26.66	cps
Erbium	164-1	70	97	120	96	26.18	cps
Erbium	164-2	50	37	37	41	18.72	cps
Gadolinium	160-1	117	123	170	137	21.26	cps
Gadolinium	160-2	33	17	20	23	37.78	cps
Holmium	165-1	8663466	8496628	8523902	8561332	1.05	cps
Holmium	165-2	3310500	3349050	3386160	3348570	1.13	cps
Indium	115-1	6973478	7027109	7049208	7016598	0.56	cps
Indium	115-2	747846	753740	748488	750025	0.43	cps
Iron	54-2	1454650	1424352	1436943	1438648	1.06	cps
Iron	56-2	26332157	26338005	25938856	26203006	0.87	cps
Iron	57-2	646710	652345	646174	648409	0.53	cps
Krypton	83-1	290	240	217	249	15.05	cps
Lead	206-1	12720950	12693172	12479841	12631321	1.04	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	10727955	10661294	10785590	10724947	0.58	cps
Lead	208-1	49130503	49307159	50183495	49540386	1.14	cps
Lithium	6-1	2478770	2479980	2445111	2467954	0.80	cps
Magnesium	24-2	3826386	3847440	3811233	3828353	0.47	cps
Manganese	55-2	2960624	2940402	2959787	2953604	0.39	cps
Molybdenum	94-1	11617740	11491103	11523874	11544239	0.57	cps
Molybdenum	95-1	16695133	16784695	16905453	16795094	0.63	cps
Molybdenum	96-1	17919030	18656789	18347918	18307912	2.02	cps
Molybdenum	97-1	10206085	10490137	10366590	10354271	1.38	cps
Molybdenum	98-1	26762040	27235581	26711371	26902997	1.07	cps
Neodymium	150-1	300	260	287	282	7.22	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	356991	355808	352842	355214	0.60	cps
Phosphorus	31-2	11328	11004	10994	11109	1.71	cps
Potassium	39-2	1280514	1257733	1267831	1268693	0.90	cps
Rhodium	103-1	6620569	6642067	6622046	6628228	0.18	cps
Rhodium	103-2	2775717	2773687	2783646	2777683	0.19	cps
Scandium	45-1	4391826	4381174	4411418	4394806	0.35	cps
Scandium	45-2	89470	89979	88671	89373	0.74	cps
Selenium	82-1	49732	50518	50435	50228	0.86	cps
Selenium	77-2	907	930	977	938	3.80	cps
Selenium	78-2	3094	3134	3177	3135	1.33	cps
Silicon	28-1	5986219	5958487	5971323	5972010	0.23	cps
Silver	107-1	4287151	4448198	4437615	4390988	2.05	cps
Silver	109-1	4052130	4129608	4168666	4116801	1.44	cps
Sodium	23-2	7549219	7590222	7392318	7510586	1.39	cps
Strontium	86-1	1048586	1054577	1064916	1056026	0.78	cps
Strontium	88-1	9435307	9446621	9365937	9415955	0.46	cps
Sulfur	34-1	832297	835665	825161	831041	0.65	cps
Terbium	159-1	8778471	8871327	9067521	8905773	1.66	cps
Terbium	159-2	3215141	3257971	3257295	3243469	0.76	cps
Thallium	203-1	3185830	3137259	3120508	3147866	1.08	cps
Thallium	205-1	7312870	7441829	7377204	7377301	0.87	cps
Tin	118-1	2725265	2798330	2870792	2798129	2.60	cps
Titanium	47-1	4482157	4540007	4447648	4489937	1.04	cps
Uranium	238-1	9167671	9334902	9567229	9356601	2.14	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S4 Instrumnet Name : P8
Client Sample ID : S4 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:45:01 DataFile Name : 008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	515337	512678	508088	512034	0.72	cps
Ytterbium	172-1	120	80	87	96	22.43	cps
Ytterbium	172-2	50	40	43	44	11.46	cps
Ytterbium	176-1	15212	15326	15866	15468	2.26	cps
Ytterbium	176-2	5711	5981	5718	5804	2.65	cps
Yttrium	89-1	12524912	12438451	12599861	12521075	0.65	cps
Yttrium	89-2	942044	940771	947073	943296	0.35	cps
Zinc	66-2	1122826	1125810	1119734	1122790	0.27	cps
Zirconium	90-1	5606980	5812546	5872673	5764066	2.42	cps
Zirconium	91-1	1229064	1272266	1263572	1254967	1.82	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	426361	422322	416757	421813	1.14	cps
Antimony	121-1	6575360	6594161	6687544	6619022	0.91	cps
Arsenic	75-2	135016	136305	135487	135603	0.48	cps
Barium	135-1	7946002	7892652	8043596	7960750	0.96	cps
Barium	137-1	13918876	13507599	13747093	13724523	1.51	cps
Beryllium	9-1	1525980	1533362	1577719	1545687	1.81	cps
Bismuth	209-1	5176038	5257969	5269344	5234451	0.97	cps
Bismuth	209-2	2362746	2374377	2307821	2348315	1.51	cps
Bromine	81-1	26792	27113	27103	27003	0.68	cps
Cadmium	108-1	127345	127140	129384	127956	0.97	cps
Cadmium	106-1	186458	185738	185580	185925	0.25	cps
Cadmium	111-1	1656957	1681072	1676073	1671367	0.76	cps
Calcium	43-1	1944673	1983630	1979133	1969145	1.08	cps
Calcium	44-1	31636539	31874530	31754829	31755299	0.37	cps
Carbon	12-1	3476539	3498245	3538344	3504376	0.89	cps
Carbon	12-2	25275	25011	25018	25101	0.60	cps
Chlorine	35-1	161473	162672	163576	162574	0.65	cps
Chlorine	35-2	657	533	687	626	12.99	cps
Chromium	52-2	1316036	1320849	1336343	1324409	0.80	cps
Cobalt	59-2	2527508	2589055	2538889	2551817	1.28	cps
Copper	63-2	19765860	19775572	19845144	19795525	0.22	cps
Dysprosium	156-1	153	150	193	166	14.57	cps
Dysprosium	156-2	40	20	30	30	33.33	cps
Erbium	164-1	117	130	147	131	11.46	cps
Erbium	164-2	37	57	53	49	21.91	cps
Gadolinium	160-1	110	167	140	139	20.41	cps
Gadolinium	160-2	30	53	63	49	34.99	cps
Holmium	165-1	8548164	8583372	8533103	8554880	0.30	cps
Holmium	165-2	3327827	3295021	3231663	3284837	1.49	cps
Indium	115-1	6867943	7009105	6979773	6952274	1.07	cps
Indium	115-2	720682	726834	727038	724851	0.50	cps
Iron	54-2	2821132	2807027	2807566	2811908	0.28	cps
Iron	56-2	50177028	50873783	50503078	50517963	0.69	cps
Iron	57-2	1250687	1260865	1249705	1253752	0.49	cps
Krypton	83-1	247	340	323	303	16.41	cps
Lead	206-1	24799625	24856164	25117064	24924284	0.68	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	21059368	21269077	21348867	21225771	0.70	cps
Lead	208-1	97329341	98243050	99110857	98227749	0.91	cps
Lithium	6-1	2379130	2389251	2368978	2379120	0.43	cps
Magnesium	24-2	7265354	7356248	7416592	7346065	1.04	cps
Manganese	55-2	5692072	5743939	5617802	5684604	1.12	cps
Molybdenum	94-1	22530038	22840606	22534841	22635162	0.79	cps
Molybdenum	95-1	33113759	32837858	32959561	32970393	0.42	cps
Molybdenum	96-1	36024976	36005172	36802168	36277439	1.25	cps
Molybdenum	97-1	20143233	20301007	20905012	20449751	1.97	cps
Molybdenum	98-1	52262039	53817986	53582899	53220975	1.58	cps
Neodymium	150-1	547	590	587	574	4.20	cps
Neodymium	150-2	40	23	30	31	26.97	cps
Nickel	60-2	680279	681055	677898	679744	0.24	cps
Phosphorus	31-2	20852	21369	20374	20865	2.38	cps
Potassium	39-2	2450299	2492733	2456221	2466418	0.93	cps
Rhodium	103-1	6366088	6382546	6488854	6412496	1.04	cps
Rhodium	103-2	2711587	2688361	2601074	2667007	2.18	cps
Scandium	45-1	4297625	4240153	4374802	4304193	1.57	cps
Scandium	45-2	87018	87062	86394	86824	0.43	cps
Selenium	82-1	97672	99717	97938	98442	1.13	cps
Selenium	77-2	1733	1927	1783	1815	5.53	cps
Selenium	78-2	5908	6095	6051	6018	1.62	cps
Silicon	28-1	11402448	11050917	11211417	11221594	1.57	cps
Silver	107-1	8495176	8491118	8558710	8515001	0.45	cps
Silver	109-1	7912101	8059210	8048594	8006635	1.02	cps
Sodium	23-2	14503917	14584256	14582036	14556736	0.31	cps
Strontium	86-1	2162679	2194559	2152243	2169827	1.02	cps
Strontium	88-1	18479423	18408100	18602844	18496789	0.53	cps
Sulfur	34-1	944237	955424	935936	945199	1.03	cps
Terbium	159-1	8711635	8842352	9078001	8877329	2.09	cps
Terbium	159-2	3175159	3225926	3237642	3212909	1.03	cps
Thallium	203-1	6051948	6123447	6173445	6116280	1.00	cps
Thallium	205-1	14283585	14397876	14706123	14462528	1.51	cps
Tin	118-1	5348520	5485014	5492272	5441935	1.49	cps
Titanium	47-1	8759744	8742923	8732132	8744933	0.16	cps
Uranium	238-1	18750172	18807347	18682284	18746601	0.33	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S5 Instrumnet Name : P8
Client Sample ID : S5 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:47:58 DataFile Name : 009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	992324	1000329	994858	995837	0.41	cps
Ytterbium	172-1	143	167	147	152	8.29	cps
Ytterbium	172-2	73	47	73	64	23.88	cps
Ytterbium	176-1	29109	29262	29767	29379	1.17	cps
Ytterbium	176-2	11105	11038	10901	11015	0.94	cps
Yttrium	89-1	12181006	12374373	12541179	12365519	1.46	cps
Yttrium	89-2	927617	931589	930880	930029	0.23	cps
Zinc	66-2	2237217	2237752	2227696	2234222	0.25	cps
Zirconium	90-1	11184355	11319437	11456625	11320139	1.20	cps
Zirconium	91-1	2579756	2524255	2565053	2556354	1.12	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	820835	828829	839170	829611	1.11	cps
Antimony	121-1	13123745	12838425	13314793	13092321	1.83	cps
Arsenic	75-2	265301	268385	269693	267793	0.84	cps
Barium	135-1	15484562	15623514	15813933	15640670	1.06	cps
Barium	137-1	27001734	27309028	26799275	27036679	0.95	cps
Beryllium	9-1	2919857	2982192	2939123	2947057	1.08	cps
Bismuth	209-1	5181257	5273664	5099736	5184886	1.68	cps
Bismuth	209-2	2235974	2269533	2267894	2257800	0.84	cps
Bromine	81-1	27470	26926	26462	26953	1.87	cps
Cadmium	108-1	244602	248621	251532	248252	1.40	cps
Cadmium	106-1	360212	362655	358886	360585	0.53	cps
Cadmium	111-1	3161110	3298398	3298967	3252825	2.44	cps
Calcium	43-1	3763183	3788955	3839450	3797196	1.02	cps
Calcium	44-1	60858584	61483322	62950222	61764043	1.74	cps
Carbon	12-1	3760787	3786234	3819429	3788817	0.78	cps
Carbon	12-2	28812	28905	29142	28953	0.59	cps
Chlorine	35-1	169951	174893	175986	173610	1.85	cps
Chlorine	35-2	700	610	657	656	6.87	cps
Chromium	52-2	2682858	2673099	2634931	2663629	0.95	cps
Cobalt	59-2	4959540	5023300	4884612	4955817	1.40	cps
Copper	63-2	38760488	38416710	38771782	38649660	0.52	cps
Dysprosium	156-1	260	287	297	281	6.74	cps
Dysprosium	156-2	47	43	80	57	35.78	cps
Erbium	164-1	273	207	193	224	19.10	cps
Erbium	164-2	70	70	63	68	5.68	cps
Gadolinium	160-1	173	230	247	217	17.74	cps
Gadolinium	160-2	77	70	77	74	5.17	cps
Holmium	165-1	8407773	8558669	8465333	8477258	0.90	cps
Holmium	165-2	3269198	3254254	3301892	3275115	0.74	cps
Indium	115-1	6713111	6714410	6653424	6693648	0.52	cps
Indium	115-2	689550	696654	695694	693966	0.56	cps
Iron	54-2	5350114	5413267	5392791	5385391	0.60	cps
Iron	56-2	99233195	100562982	98322695	99372957	1.13	cps
Iron	57-2	2535099	2569263	2525491	2543284	0.90	cps
Krypton	83-1	290	263	280	278	4.85	cps
Lead	206-1	48523641	49369693	48566331	48819888	0.98	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41917958	41664312	42344612	41975627	0.82	cps
Lead	208-1	192144814	193251503	193000068	192798795	0.30	cps
Lithium	6-1	2324073	2355092	2264143	2314436	2.00	cps
Magnesium	24-2	14270876	14311658	14560314	14380949	1.09	cps
Manganese	55-2	11159027	11188507	11367665	11238400	1.00	cps
Molybdenum	94-1	43736898	45322278	45706431	44921869	2.32	cps
Molybdenum	95-1	62955056	65349489	67000222	65101589	3.12	cps
Molybdenum	96-1	70435177	71505126	73441009	71793771	2.12	cps
Molybdenum	97-1	40315444	40273689	41403953	40664362	1.58	cps
Molybdenum	98-1	104506508	105898665	107306255	105903810	1.32	cps
Neodymium	150-1	1023	1100	1080	1068	3.72	cps
Neodymium	150-2	27	20	33	27	24.99	cps
Nickel	60-2	1316195	1318874	1318526	1317865	0.11	cps
Phosphorus	31-2	40814	41299	41599	41237	0.96	cps
Potassium	39-2	4778627	4820153	4822199	4806993	0.51	cps
Rhodium	103-1	6348535	6175891	6424759	6316395	2.02	cps
Rhodium	103-2	2683320	2644341	2619260	2648974	1.22	cps
Scandium	45-1	4192252	4288881	4306523	4262552	1.44	cps
Scandium	45-2	87923	87833	86703	87486	0.78	cps
Selenium	82-1	188615	188484	188605	188568	0.04	cps
Selenium	77-2	3510	3701	3510	3574	3.07	cps
Selenium	78-2	11368	11845	12165	11793	3.40	cps
Silicon	28-1	20877564	21044258	20857183	20926335	0.49	cps
Silver	107-1	16313482	16424868	16363692	16367347	0.34	cps
Silver	109-1	15313151	15362315	15863714	15513060	1.96	cps
Sodium	23-2	28205800	28568560	28610504	28461622	0.78	cps
Strontium	86-1	4163453	4206616	4216647	4195572	0.67	cps
Strontium	88-1	35672559	36681329	37547637	36633842	2.56	cps
Sulfur	34-1	1370930	1368820	1354527	1364759	0.65	cps
Terbium	159-1	8876078	8855044	9014737	8915287	0.97	cps
Terbium	159-2	3191272	3210871	3151545	3184563	0.95	cps
Thallium	203-1	11861761	12118398	11988241	11989467	1.07	cps
Thallium	205-1	28437256	29252374	27965889	28551840	2.28	cps
Tin	118-1	10728152	10671929	10693811	10697964	0.26	cps
Titanium	47-1	17070438	17143672	17607311	17273807	1.69	cps
Uranium	238-1	37283596	37922163	37693732	37633164	0.86	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S6 Instrumnet Name : P8
Client Sample ID : S6 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:50:47 DataFile Name : 010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1964253	1965110	1996592	1975318	0.93	cps
Ytterbium	172-1	283	220	197	233	19.22	cps
Ytterbium	172-2	67	100	127	98	30.74	cps
Ytterbium	176-1	55342	57287	56701	56443	1.77	cps
Ytterbium	176-2	21434	21581	21441	21485	0.39	cps
Yttrium	89-1	12259309	12344291	12553580	12385727	1.22	cps
Yttrium	89-2	921147	913064	916164	916792	0.44	cps
Zinc	66-2	4293859	4368649	4343794	4335434	0.88	cps
Zirconium	90-1	22117265	23129605	23038393	22761754	2.46	cps
Zirconium	91-1	4924422	5136326	5106111	5055620	2.27	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1586755	1674960	1615582	1625766	2.77	cps
Antimony	121-1	25291572	25684598	25209171	25395114	1.00	cps
Arsenic	75-2	519569	527408	520481	522486	0.82	cps
Barium	135-1	30100979	30654257	30320745	30358660	0.92	cps
Barium	137-1	51790189	53295498	52334891	52473526	1.45	cps
Beryllium	9-1	5507354	5512975	5556895	5525741	0.49	cps
Bismuth	209-1	4905130	4846243	4908766	4886713	0.72	cps
Bismuth	209-2	2238760	2247577	2231506	2239281	0.36	cps
Bromine	81-1	28025	27828	28806	28220	1.83	cps
Cadmium	108-1	473906	483680	483951	480512	1.19	cps
Cadmium	106-1	687978	698086	697460	694508	0.82	cps
Cadmium	111-1	6080332	6151943	6220323	6150866	1.14	cps
Calcium	43-1	7266108	7489015	7595691	7450272	2.26	cps
Calcium	44-1	120012785	123207698	122983625	122068036	1.46	cps
Carbon	12-1	4229625	4456478	4606345	4430816	4.28	cps
Carbon	12-2	35469	35469	36014	35651	0.88	cps
Chlorine	35-1	207475	211722	217219	212139	2.30	cps
Chlorine	35-2	920	880	947	916	3.66	cps
Chromium	52-2	5124728	5231306	5151909	5169314	1.07	cps
Cobalt	59-2	9555824	9610252	9505162	9557079	0.55	cps
Copper	63-2	73908624	74849289	74656784	74471566	0.67	cps
Dysprosium	156-1	547	600	583	577	4.73	cps
Dysprosium	156-2	100	100	97	99	1.94	cps
Erbium	164-1	323	410	327	353	13.90	cps
Erbium	164-2	163	137	123	141	14.43	cps
Gadolinium	160-1	327	333	310	323	3.72	cps
Gadolinium	160-2	97	93	90	93	3.57	cps
Holmium	165-1	8078378	8186113	8240091	8168194	1.01	cps
Holmium	165-2	3273853	3249248	3269659	3264253	0.40	cps
Indium	115-1	6317992	6329133	6202542	6283223	1.12	cps
Indium	115-2	637760	643585	641446	640931	0.46	cps
Iron	54-2	10569169	10592274	10711591	10624345	0.72	cps
Iron	56-2	194919110	196358277	193734497	195003962	0.67	cps
Iron	57-2	4800053	4907148	4868430	4858543	1.12	cps
Krypton	83-1	287	303	317	302	4.97	cps
Lead	206-1	92153285	94706785	95019729	93959933	1.67	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	79400372	81266629	82006567	80891189	1.66	cps
Lead	208-1	367300268	377711211	379518359	374843279	1.76	cps
Lithium	6-1	2230620	2240950	2261493	2244354	0.70	cps
Magnesium	24-2	28107791	28439517	27992938	28180082	0.82	cps
Manganese	55-2	21955662	22153495	22091310	22066822	0.46	cps
Molybdenum	94-1	87410089	87710702	89317189	88145993	1.16	cps
Molybdenum	95-1	124808948	123956061	130597501	126454170	2.86	cps
Molybdenum	96-1	136105548	135824525	140394775	137441616	1.86	cps
Molybdenum	97-1	78839872	79799742	80652879	79764164	1.14	cps
Molybdenum	98-1	204092224	208324717	209564064	207327001	1.38	cps
Neodymium	150-1	1980	2217	2087	2095	5.66	cps
Neodymium	150-2	90	117	123	110	16.04	cps
Nickel	60-2	2649901	2744072	2695784	2696586	1.75	cps
Phosphorus	31-2	80884	80220	81655	80919	0.89	cps
Potassium	39-2	9492616	9540727	9521203	9518182	0.25	cps
Rhodium	103-1	6100258	6176952	6051666	6109625	1.03	cps
Rhodium	103-2	2508992	2548408	2569307	2542236	1.20	cps
Scandium	45-1	4087539	4175776	4149040	4137451	1.09	cps
Scandium	45-2	89574	89406	89214	89398	0.20	cps
Selenium	82-1	364069	366030	370377	366825	0.88	cps
Selenium	77-2	6728	6518	6261	6503	3.60	cps
Selenium	78-2	22662	22541	23136	22780	1.38	cps
Silicon	28-1	39559916	39100024	39952366	39537435	1.08	cps
Silver	107-1	31050543	30882481	31753187	31228737	1.48	cps
Silver	109-1	29254171	29695500	29835856	29595176	1.03	cps
Sodium	23-2	56678086	55955294	55832441	56155274	0.81	cps
Strontium	86-1	8001594	8274409	8151844	8142615	1.68	cps
Strontium	88-1	69280797	70799857	71737814	70606156	1.76	cps
Sulfur	34-1	2181726	2218897	2232157	2210927	1.18	cps
Terbium	159-1	8687337	8830203	8749894	8755812	0.82	cps
Terbium	159-2	3157950	3166399	3131782	3152044	0.57	cps
Thallium	203-1	22582937	22894910	23065643	22847830	1.07	cps
Thallium	205-1	53375343	55482298	55669756	54842465	2.32	cps
Tin	118-1	20751317	21190558	20747945	20896607	1.22	cps
Titanium	47-1	32944648	33965916	33787072	33565879	1.62	cps
Uranium	238-1	71899771	71909709	72698966	72169482	0.64	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S7 Instrumnet Name : P8
Client Sample ID : S7 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:53:32 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	3889824	3925138	3973702	3929554	1.07	cps
Ytterbium	172-1	457	503	433	464	7.67	cps
Ytterbium	172-2	187	180	187	184	2.09	cps
Ytterbium	176-1	109056	111873	112545	111158	1.67	cps
Ytterbium	176-2	41739	42679	41900	42106	1.19	cps
Yttrium	89-1	11810174	12430227	12182486	12140962	2.57	cps
Yttrium	89-2	905244	916301	917749	913098	0.75	cps
Zinc	66-2	8309204	8414593	8410091	8377963	0.71	cps
Zirconium	90-1	43447003	44465778	45394948	44435909	2.19	cps
Zirconium	91-1	9533067	9729523	9996523	9753037	2.39	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8060555	8369152	8227773	8219160	1.88	cps
Antimony	121-1	15552	15496	14811	15286	2.70	cps
Arsenic	75-2	267	290	263	273	5.32	cps
Barium	135-1	11799	11478	11352	11543	2.00	cps
Barium	137-1	20843	20599	19668	20370	3.04	cps
Beryllium	9-1	854	762	704	774	9.80	cps
Bismuth	209-1	4376937	4406313	4230431	4337894	2.17	cps
Bismuth	209-2	2014370	2080511	2098956	2064613	2.15	cps
Bromine	81-1	26629	26832	26762	26741	0.39	cps
Cadmium	108-1	203	170	180	184	9.28	cps
Cadmium	106-1	4471	4401	4507	4460	1.22	cps
Cadmium	111-1	4071	4092	4073	4078	0.28	cps
Calcium	43-1	36012914	35577733	35310921	35633856	0.99	cps
Calcium	44-1	592130591	586123511	583354711	587202938	0.76	cps
Carbon	12-1	3626497	3676095	3739560	3680717	1.54	cps
Carbon	12-2	36545	35593	36235	36124	1.34	cps
Chlorine	35-1	154255	157405	158618	156759	1.44	cps
Chlorine	35-2	650	657	670	659	1.55	cps
Chromium	52-2	44121	43830	43824	43925	0.39	cps
Cobalt	59-2	19614	20184	19624	19807	1.65	cps
Copper	63-2	20966	20702	20602	20756	0.91	cps
Dysprosium	156-1	803	893	883	860	5.74	cps
Dysprosium	156-2	270	280	240	263	7.90	cps
Erbium	164-1	1030	907	1027	988	7.11	cps
Erbium	164-2	423	370	367	387	8.22	cps
Gadolinium	160-1	810	803	873	829	4.66	cps
Gadolinium	160-2	367	280	357	334	14.18	cps
Holmium	165-1	7996336	8044731	7867333	7969467	1.15	cps
Holmium	165-2	3194332	3264469	3387065	3281955	2.97	cps
Indium	115-1	6290344	6211671	6333181	6278399	0.98	cps
Indium	115-2	710580	713519	734837	719645	1.84	cps
Iron	54-2	49045139	50028311	48742584	49272011	1.36	cps
Iron	56-2	914159320	912476493	912183293	912939702	0.12	cps
Iron	57-2	23038640	23188477	23127100	23118072	0.33	cps
Krypton	83-1	310	407	333	350	14.41	cps
Lead	206-1	94628	93719	93934	94094	0.51	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	82246	82822	81276	82115	0.95	cps
Lead	208-1	378971	376451	372794	376072	0.83	cps
Lithium	6-1	2095152	2059856	2084949	2079986	0.87	cps
Magnesium	24-2	139177308	142659825	139893128	140576753	1.31	cps
Manganese	55-2	11982	11912	11605	11833	1.69	cps
Molybdenum	94-1	17812	17384	16673	17290	3.33	cps
Molybdenum	95-1	17438	16910	16256	16868	3.51	cps
Molybdenum	96-1	33063	31436	31238	31912	3.14	cps
Molybdenum	97-1	11308	10868	9680	10619	7.93	cps
Molybdenum	98-1	27925	26178	24241	26115	7.06	cps
Neodymium	150-1	440	483	400	441	9.45	cps
Neodymium	150-2	127	87	147	120	25.46	cps
Nickel	60-2	12846	12866	12809	12840	0.22	cps
Phosphorus	31-2	120	100	117	112	9.55	cps
Potassium	39-2	49938844	49376636	48987364	49434281	0.97	cps
Rhodium	103-1	5559960	5559161	5600836	5573319	0.43	cps
Rhodium	103-2	2391706	2409926	2427989	2409874	0.75	cps
Scandium	45-1	4153432	4125391	4102150	4126991	0.62	cps
Scandium	45-2	87910	89134	91430	89491	2.00	cps
Selenium	82-1	357	247	313	306	18.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	50	17	23	30	58.79	cps
Silicon	28-1	671006	651691	634484	652394	2.80	cps
Silver	107-1	3681	2914	2787	3127	15.46	cps
Silver	109-1	3307	2820	2557	2895	13.15	cps
Sodium	23-2	274725729	277628436	274931463	275761876	0.59	cps
Strontium	86-1	25981	25727	26468	26059	1.45	cps
Strontium	88-1	220219	220507	224726	221818	1.14	cps
Sulfur	34-1	431416	434649	442506	436191	1.31	cps
Terbium	159-1	8283527	8324162	8361243	8322978	0.47	cps
Terbium	159-2	3166253	3113114	3210086	3163151	1.54	cps
Thallium	203-1	2234	2104	1763	2034	11.94	cps
Thallium	205-1	5428	4718	4147	4764	13.47	cps
Tin	118-1	6805	6682	6211	6566	4.77	cps
Titanium	47-1	3420	3304	3257	3327	2.53	cps
Uranium	238-1	3934	3634	2937	3502	14.61	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : S8 Instrumnet Name : P8
Client Sample ID : S8 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 11:56:21 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	1113	997	1040	1050	5.62	cps
Ytterbium	172-1	1540	1403	1623	1522	7.30	cps
Ytterbium	172-2	793	733	723	750	5.05	cps
Ytterbium	176-1	2057	2064	2217	2112	4.29	cps
Ytterbium	176-2	743	783	707	744	5.15	cps
Yttrium	89-1	11822609	11798859	11693105	11771524	0.59	cps
Yttrium	89-2	938572	938468	966958	948000	1.73	cps
Zinc	66-2	50031	50336	49446	49938	0.91	cps
Zirconium	90-1	20746	19744	20038	20176	2.55	cps
Zirconium	91-1	4557	4564	4504	4542	0.72	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45243	46053	45986	45761	0.98	cps
Antimony	121-1	5405596	5452101	5441225	5432974	0.45	cps
Arsenic	75-2	117844	119004	118681	118510	0.51	cps
Barium	135-1	641785	645214	646226	644408	0.36	cps
Barium	137-1	1119669	1138565	1135425	1131220	0.90	cps
Beryllium	9-1	649462	657340	661532	656111	0.93	cps
Bismuth	209-1	5452047	5469755	5424704	5448835	0.42	cps
Bismuth	209-2	2602948	2503046	2561357	2555784	1.96	cps
Bromine	81-1	31262	30871	31408	31180	0.89	cps
Cadmium	108-1	44334	44940	45702	44992	1.52	cps
Cadmium	106-1	65762	67089	66797	66549	1.05	cps
Cadmium	111-1	672963	679567	687640	680057	1.08	cps
Calcium	43-1	162163	164051	162662	162959	0.60	cps
Calcium	44-1	2711011	2711194	2702281	2708162	0.19	cps
Carbon	12-1	3642405	3707572	3696950	3682309	0.95	cps
Carbon	12-2	26521	25849	26100	26157	1.30	cps
Chlorine	35-1	194468	200202	201198	198622	1.83	cps
Chlorine	35-2	830	867	810	836	3.44	cps
Chromium	52-2	589521	583199	583330	585350	0.62	cps
Cobalt	59-2	1127064	1124132	1124768	1125321	0.14	cps
Copper	63-2	888474	898088	901136	895900	0.74	cps
Dysprosium	156-1	20	30	27	26	19.92	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	50	83	50	61	31.49	cps
Erbium	164-2	27	23	17	22	22.91	cps
Gadolinium	160-1	97	103	107	102	4.98	cps
Gadolinium	160-2	20	10	40	23	65.47	cps
Holmium	165-1	8768832	8884006	8692631	8781823	1.10	cps
Holmium	165-2	3601243	3560088	3511564	3557632	1.26	cps
Indium	115-1	7479321	7713223	7618458	7603667	1.55	cps
Indium	115-2	848213	833955	836343	839504	0.91	cps
Iron	54-2	484619	480665	482569	482618	0.41	cps
Iron	56-2	8788315	8775314	8767619	8777083	0.12	cps
Iron	57-2	216533	217779	218947	217753	0.55	cps
Krypton	83-1	227	287	260	258	11.66	cps
Lead	206-1	4104306	4181561	4115323	4133730	1.01	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3426019	3520399	3443390	3463269	1.45	cps
Lead	208-1	15949667	16266073	15990463	16068734	1.07	cps
Lithium	6-1	2509642	2512178	2442461	2488094	1.59	cps
Magnesium	24-2	379900	373614	379878	377798	0.96	cps
Manganese	55-2	248592	250094	250019	249569	0.34	cps
Molybdenum	94-1	1383	1333	1487	1401	5.58	cps
Molybdenum	95-1	527	597	627	583	8.80	cps
Molybdenum	96-1	953	1080	1120	1051	8.28	cps
Molybdenum	97-1	337	340	343	340	0.98	cps
Molybdenum	98-1	793	917	880	863	7.34	cps
Neodymium	150-1	67	83	47	66	28.00	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	311395	314863	315751	314003	0.73	cps
Phosphorus	31-2	110	127	60	99	35.09	cps
Potassium	39-2	439897	438028	439456	439127	0.22	cps
Rhodium	103-1	7117211	7142497	7043211	7100973	0.73	cps
Rhodium	103-2	3033884	3037279	3054029	3041731	0.35	cps
Scandium	45-1	4734946	4782033	4761304	4759428	0.50	cps
Scandium	45-2	100125	97729	97931	98595	1.35	cps
Selenium	82-1	84075	86335	86084	85498	1.45	cps
Selenium	77-2	1530	1803	1540	1625	9.54	cps
Selenium	78-2	5288	5678	5625	5530	3.83	cps
Silicon	28-1	491142	511741	497273	500052	2.12	cps
Silver	107-1	1824617	1802744	1804743	1810701	0.67	cps
Silver	109-1	1691273	1674593	1713401	1693089	1.15	cps
Sodium	23-2	1318850	1300401	1294588	1304613	0.97	cps
Strontium	86-1	2707	2434	2654	2598	5.58	cps
Strontium	88-1	18426	18830	19370	18875	2.51	cps
Sulfur	34-1	527191	523157	526108	525485	0.40	cps
Terbium	159-1	9240015	9187703	9199779	9209165	0.30	cps
Terbium	159-2	3614748	3365363	3433339	3471150	3.71	cps
Thallium	203-1	4992832	5103696	5020020	5038850	1.15	cps
Thallium	205-1	11681511	11795997	11686083	11721197	0.55	cps
Tin	118-1	3887	3964	3841	3897	1.60	cps
Titanium	47-1	280	267	310	286	7.77	cps
Uranium	238-1	227	253	327	269	19.26	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICV01 Instrumnet Name : P8
Client Sample ID : ICV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:14:58 DataFile Name : 015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	437356	438146	436060	437188	0.24	cps
Ytterbium	172-1	33	53	40	42	24.12	cps
Ytterbium	172-2	17	30	17	21	36.45	cps
Ytterbium	176-1	1210	1227	1210	1216	0.79	cps
Ytterbium	176-2	320	297	323	313	4.64	cps
Yttrium	89-1	13381687	13550335	13195293	13375772	1.33	cps
Yttrium	89-2	1044695	1030439	1021614	1032250	1.13	cps
Zinc	66-2	188590	191694	190064	190116	0.82	cps
Zirconium	90-1	2474	2574	2577	2541	2.31	cps
Zirconium	91-1	1307	1207	1340	1285	5.40	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2264	2357	2387	2336	2.75	cps
Antimony	121-1	54180	53156	53886	53741	0.98	cps
Arsenic	75-2	610	560	600	590	4.48	cps
Barium	135-1	64218	65253	63481	64317	1.38	cps
Barium	137-1	111075	111047	111478	111200	0.22	cps
Beryllium	9-1	7123	7214	7131	7156	0.71	cps
Bismuth	209-1	5441786	5525828	5503567	5490394	0.79	cps
Bismuth	209-2	2550065	2584537	2553669	2562757	0.74	cps
Bromine	81-1	30176	30654	30450	30426	0.79	cps
Cadmium	108-1	587	593	500	560	9.30	cps
Cadmium	106-1	5605	5308	5434	5449	2.73	cps
Cadmium	111-1	10514	10189	10516	10406	1.81	cps
Calcium	43-1	42670	42971	42489	42710	0.57	cps
Calcium	44-1	706426	715782	720197	714135	0.98	cps
Carbon	12-1	3219275	3178638	3126067	3174660	1.47	cps
Carbon	12-2	21856	21583	21573	21670	0.74	cps
Chlorine	35-1	146711	147749	148378	147613	0.57	cps
Chlorine	35-2	687	573	510	590	15.17	cps
Chromium	52-2	12429	12566	13039	12678	2.53	cps
Cobalt	59-2	11765	11501	11555	11607	1.20	cps
Copper	63-2	19891	20031	20178	20033	0.72	cps
Dysprosium	156-1	20	27	23	23	14.29	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	90	67	67	74	18.09	cps
Erbium	164-2	27	20	17	21	24.12	cps
Gadolinium	160-1	97	93	63	84	21.74	cps
Gadolinium	160-2	13	27	20	20	33.35	cps
Holmium	165-1	8980960	8801340	8800697	8860999	1.17	cps
Holmium	165-2	3497728	3491910	3518527	3502722	0.40	cps
Indium	115-1	7568333	7609906	7573473	7583904	0.30	cps
Indium	115-2	834242	829387	830822	831483	0.30	cps
Iron	54-2	13093	12749	13233	13025	1.91	cps
Iron	56-2	234850	230155	230257	231754	1.16	cps
Iron	57-2	5621	5618	5504	5581	1.19	cps
Krypton	83-1	300	353	257	303	15.96	cps
Lead	206-1	21204	21124	20940	21089	0.64	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	17475	18113	18343	17977	2.50	cps
Lead	208-1	83292	84171	84124	83862	0.59	cps
Lithium	6-1	2509872	2534338	2506491	2516901	0.60	cps
Magnesium	24-2	170289	167176	166836	168100	1.13	cps
Manganese	55-2	4921	4911	5074	4969	1.84	cps
Molybdenum	94-1	55932	56755	56146	56278	0.76	cps
Molybdenum	95-1	66893	68122	68126	67714	1.05	cps
Molybdenum	96-1	74971	75196	74384	74850	0.56	cps
Molybdenum	97-1	41475	42482	41977	41978	1.20	cps
Molybdenum	98-1	109696	110385	109904	109995	0.32	cps
Neodymium	150-1	7	7	17	10	57.72	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	3657	3881	3754	3764	2.98	cps
Phosphorus	31-2	213	283	233	243	14.82	cps
Potassium	39-2	123520	122858	121086	122488	1.03	cps
Rhodium	103-1	7078438	7225587	7041959	7115328	1.37	cps
Rhodium	103-2	2984403	3018551	3039240	3014065	0.92	cps
Scandium	45-1	4732799	4696225	4734876	4721300	0.46	cps
Scandium	45-2	97599	97985	96947	97510	0.54	cps
Selenium	82-1	2144	1960	2200	2101	5.97	cps
Selenium	77-2	50	27	53	43	33.52	cps
Selenium	78-2	177	173	147	166	9.93	cps
Silicon	28-1	584898	573678	574644	577740	1.08	cps
Silver	107-1	34132	34526	34065	34241	0.73	cps
Silver	109-1	31947	31907	32953	32269	1.84	cps
Sodium	23-2	358405	356248	353626	356093	0.67	cps
Strontium	86-1	9460	9223	9400	9361	1.32	cps
Strontium	88-1	77135	78636	77554	77775	1.00	cps
Sulfur	34-1	521141	518150	522585	520625	0.43	cps
Terbium	159-1	9149063	9236352	9301303	9228906	0.83	cps
Terbium	159-2	3427317	3467464	3470074	3454952	0.69	cps
Thallium	203-1	23715	23969	24670	24118	2.05	cps
Thallium	205-1	58829	58197	57969	58332	0.76	cps
Tin	118-1	111731	113331	114248	113103	1.13	cps
Titanium	47-1	19283	19363	19483	19377	0.52	cps
Uranium	238-1	72347	73109	73752	73069	0.96	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : LLICV Instrumnet Name : P8
Client Sample ID : LLICV Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:18:19 DataFile Name : 016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22261	21930	22444	22212	1.17	cps
Ytterbium	172-1	33	53	53	47	24.75	cps
Ytterbium	172-2	30	37	40	36	14.32	cps
Ytterbium	176-1	1387	1253	1303	1315	5.12	cps
Ytterbium	176-2	380	360	337	359	6.04	cps
Yttrium	89-1	13291245	13454218	13406818	13384094	0.63	cps
Yttrium	89-2	1022821	1017511	1034798	1025043	0.86	cps
Zinc	66-2	6105	6535	6288	6309	3.42	cps
Zirconium	90-1	48076	48461	48795	48444	0.74	cps
Zirconium	91-1	10374	11018	11041	10811	3.50	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433	373	370	392	9.09	cps
Antimony	121-1	207	160	197	188	13.09	cps
Arsenic	75-2	10	10	3	8	49.52	cps
Barium	135-1	110	117	130	119	8.57	cps
Barium	137-1	197	163	237	199	18.46	cps
Beryllium	9-1	112	120	112	115	3.87	cps
Bismuth	209-1	5532102	5443839	5463286	5479742	0.85	cps
Bismuth	209-2	2507190	2412142	2456192	2458508	1.93	cps
Bromine	81-1	32658	31926	33059	32548	1.76	cps
Cadmium	108-1	10	33	13	19	66.81	cps
Cadmium	106-1	4344	4371	4281	4332	1.07	cps
Cadmium	111-1	3087	3120	3044	3084	1.23	cps
Calcium	43-1	1010	970	1030	1003	3.05	cps
Calcium	44-1	30897	30509	30522	30643	0.72	cps
Carbon	12-1	3175161	3123870	3133624	3144218	0.87	cps
Carbon	12-2	22020	21976	21716	21904	0.75	cps
Chlorine	35-1	3167355	2840289	2589037	2865561	10.12	cps
Chlorine	35-2	9436	9156	8162	8918	7.51	cps
Chromium	52-2	1103	1070	1020	1064	3.94	cps
Cobalt	59-2	97	63	100	87	23.40	cps
Copper	63-2	2247	2144	2107	2166	3.35	cps
Dysprosium	156-1	10	13	10	11	17.30	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	53	90	67	70	26.51	cps
Erbium	164-2	27	13	30	23	37.81	cps
Gadolinium	160-1	67	117	97	93	26.96	cps
Gadolinium	160-2	20	27	23	23	14.29	cps
Holmium	165-1	8865970	8588275	8788392	8747546	1.64	cps
Holmium	165-2	3501589	3368815	3358988	3409797	2.34	cps
Indium	115-1	7579564	7539396	7461977	7526979	0.79	cps
Indium	115-2	824683	772671	792273	796543	3.30	cps
Iron	54-2	1007	1010	1033	1017	1.43	cps
Iron	56-2	14394	13874	14190	14153	1.85	cps
Iron	57-2	300	327	347	324	7.22	cps
Krypton	83-1	247	297	327	290	13.94	cps
Lead	206-1	3937	3711	3547	3732	5.25	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3244	3330	2974	3183	5.85	cps
Lead	208-1	15094	14697	13396	14395	6.17	cps
Lithium	6-1	2395073	2499063	2432633	2442256	2.16	cps
Magnesium	24-2	780	760	750	763	2.00	cps
Manganese	55-2	2494	2330	2630	2485	6.05	cps
Molybdenum	94-1	1017	890	923	943	6.96	cps
Molybdenum	95-1	1013	820	807	880	13.14	cps
Molybdenum	96-1	1173	983	840	999	16.74	cps
Molybdenum	97-1	590	580	487	552	10.32	cps
Molybdenum	98-1	1513	1273	1240	1342	11.11	cps
Neodymium	150-1	0	17	13	10	88.20	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	573	587	527	562	5.60	cps
Phosphorus	31-2	103	153	143	133	19.85	cps
Potassium	39-2	18582	18305	18272	18386	0.93	cps
Rhodium	103-1	7047503	7068219	7144600	7086774	0.72	cps
Rhodium	103-2	3054327	2849807	2880769	2928301	3.76	cps
Scandium	45-1	4832179	4833919	4762469	4809522	0.85	cps
Scandium	45-2	97975	93095	92704	94591	3.10	cps
Selenium	82-1	23	-43	3	-6	-616.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	33	20	13	22	45.83	cps
Silicon	28-1	486012	498186	488830	491009	1.30	cps
Silver	107-1	410	393	427	410	4.07	cps
Silver	109-1	310	293	320	308	4.38	cps
Sodium	23-2	37522	37217	36770	37170	1.02	cps
Strontium	86-1	547	530	587	554	5.25	cps
Strontium	88-1	480	523	527	510	5.11	cps
Sulfur	34-1	465956	470003	469078	468346	0.45	cps
Terbium	159-1	9311584	9152308	9217948	9227280	0.87	cps
Terbium	159-2	3453486	3191035	3287552	3310691	4.01	cps
Thallium	203-1	1287	1197	1080	1188	8.72	cps
Thallium	205-1	3000	2990	2777	2923	4.32	cps
Tin	118-1	3484	3480	3597	3521	1.89	cps
Titanium	47-1	397	340	327	354	10.49	cps
Uranium	238-1	223	267	223	238	10.52	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICB01 Instrumnet Name : P8
Client Sample ID : ICB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:29:07 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	17	30	13	20	44.10	cps
Ytterbium	172-1	67	27	80	58	48.03	cps
Ytterbium	172-2	30	13	23	22	37.76	cps
Ytterbium	176-1	1207	1130	1153	1163	3.38	cps
Ytterbium	176-2	293	327	237	286	15.93	cps
Yttrium	89-1	13120426	13237151	13493214	13283597	1.44	cps
Yttrium	89-2	1023898	959546	983999	989148	3.28	cps
Zinc	66-2	1517	1363	1417	1432	5.43	cps
Zirconium	90-1	1460	1417	1400	1426	2.17	cps
Zirconium	91-1	340	200	263	268	26.18	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8153176	8287910	8315793	8252293	1.05	cps
Antimony	121-1	27832	27424	27681	27646	0.75	cps
Arsenic	75-2	177	210	223	203	11.82	cps
Barium	135-1	8776	8990	8890	8885	1.20	cps
Barium	137-1	15252	14908	15322	15161	1.46	cps
Beryllium	9-1	1780	1820	1807	1802	1.12	cps
Bismuth	209-1	4826522	4794723	4878296	4833180	0.87	cps
Bismuth	209-2	2244744	2313093	2290281	2282706	1.52	cps
Bromine	81-1	32782	33406	33406	33198	1.09	cps
Cadmium	108-1	6188	6338	6405	6310	1.76	cps
Cadmium	106-1	4217	4611	4497	4442	4.56	cps
Cadmium	111-1	6423	6086	6380	6296	2.91	cps
Calcium	43-1	7663829	8031894	7911613	7869112	2.38	cps
Calcium	44-1	128790358	129805111	128965341	129186937	0.42	cps
Carbon	12-1	48367414	50988531	51773924	50376623	3.54	cps
Carbon	12-2	355813	355691	358568	356691	0.46	cps
Chlorine	35-1	104928348	112920768	115795755	111214957	5.06	cps
Chlorine	35-2	526234	532553	532465	530417	0.68	cps
Chromium	52-2	110799	109975	110785	110520	0.43	cps
Cobalt	59-2	12275	12322	11692	12096	2.90	cps
Copper	63-2	64489	64432	64054	64325	0.37	cps
Dysprosium	156-1	110	130	120	120	8.33	cps
Dysprosium	156-2	43	10	20	24	69.97	cps
Erbium	164-1	153	143	180	159	11.93	cps
Erbium	164-2	63	40	50	51	22.90	cps
Gadolinium	160-1	130	153	183	156	17.19	cps
Gadolinium	160-2	57	47	33	46	25.70	cps
Holmium	165-1	8408343	8455801	8500504	8454882	0.55	cps
Holmium	165-2	3349919	3390963	3338097	3359659	0.83	cps
Indium	115-1	6828711	6843923	7033573	6902069	1.65	cps
Indium	115-2	759462	754369	755733	756521	0.35	cps
Iron	54-2	22194782	22440751	22433652	22356395	0.63	cps
Iron	56-2	412712927	419978154	422279687	418323589	1.19	cps
Iron	57-2	10427404	10481748	10478417	10462523	0.29	cps
Krypton	83-1	277	273	333	294	11.45	cps
Lead	206-1	94867	88080	85114	89354	5.60	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	75187	69569	67444	70733	5.66	cps
Lead	208-1	357777	330261	317953	335331	6.08	cps
Lithium	6-1	2296341	2296758	2329843	2307647	0.83	cps
Magnesium	24-2	29649928	29316258	29444197	29470128	0.57	cps
Manganese	55-2	20275	20355	20285	20305	0.21	cps
Molybdenum	94-1	14533830	14531323	14606280	14557144	0.29	cps
Molybdenum	95-1	25472706	25963851	25794196	25743585	0.97	cps
Molybdenum	96-1	27569415	27611280	27816587	27665760	0.48	cps
Molybdenum	97-1	15970747	16076823	16060701	16036090	0.36	cps
Molybdenum	98-1	41049134	41800866	41598681	41482894	0.94	cps
Neodymium	150-1	97	103	130	110	16.03	cps
Neodymium	150-2	43	43	33	40	14.43	cps
Nickel	60-2	15459	15812	15285	15519	1.73	cps
Phosphorus	31-2	468540	464931	464250	465907	0.49	cps
Potassium	39-2	20774336	20644700	20746959	20721999	0.33	cps
Rhodium	103-1	6238439	6306321	6332529	6292430	0.77	cps
Rhodium	103-2	2771552	2687118	2643659	2700776	2.41	cps
Scandium	45-1	4581112	4526180	4598712	4568668	0.83	cps
Scandium	45-2	94988	95431	96290	95569	0.69	cps
Selenium	82-1	107	103	57	89	31.45	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	23	20	33	26	27.15	cps
Silicon	28-1	818054	833789	829085	826976	0.98	cps
Silver	107-1	983	1437	1407	1276	19.88	cps
Silver	109-1	957	1210	1307	1158	15.61	cps
Sodium	23-2	61261166	62623731	62664716	62183204	1.28	cps
Strontium	86-1	278165	279626	281619	279804	0.62	cps
Strontium	88-1	2509687	2565891	2537339	2537639	1.11	cps
Sulfur	34-1	9904894	10154098	10007275	10022089	1.25	cps
Terbium	159-1	8763675	8788371	8766739	8772929	0.15	cps
Terbium	159-2	3409781	3287661	3346111	3347851	1.82	cps
Thallium	203-1	1297	1513	2047	1619	23.84	cps
Thallium	205-1	3134	3777	4608	3840	19.24	cps
Tin	118-1	6578	7015	6938	6844	3.41	cps
Titanium	47-1	7357577	7459066	7352928	7389857	0.81	cps
Uranium	238-1	1247	1163	1370	1260	8.25	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSA01 Instrumnet Name : P8
Client Sample ID : ICSA01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:32:33 DataFile Name : 020ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	637	650	583	623	5.66	cps
Ytterbium	172-1	50	80	90	73	28.39	cps
Ytterbium	172-2	30	33	40	34	14.78	cps
Ytterbium	176-1	1130	1210	1237	1192	4.66	cps
Ytterbium	176-2	287	277	287	283	2.04	cps
Yttrium	89-1	12610470	12915266	12725270	12750335	1.21	cps
Yttrium	89-2	975511	978473	983761	979248	0.43	cps
Zinc	66-2	11118	11305	11962	11461	3.87	cps
Zirconium	90-1	2650	3324	3711	3228	16.62	cps
Zirconium	91-1	597	757	800	718	14.92	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8361606	8119348	8402388	8294447	1.84	cps
Antimony	121-1	536545	545334	546240	542706	0.99	cps
Arsenic	75-2	12322	12099	12105	12175	1.04	cps
Barium	135-1	134344	134904	135247	134832	0.34	cps
Barium	137-1	232621	235506	235307	234478	0.69	cps
Beryllium	9-1	124555	125890	125071	125172	0.54	cps
Bismuth	209-1	4926571	4967615	5001075	4965087	0.75	cps
Bismuth	209-2	2287995	2273836	2303737	2288523	0.65	cps
Bromine	81-1	34917	34272	33838	34342	1.58	cps
Cadmium	108-1	14418	14962	14788	14722	1.89	cps
Cadmium	106-1	16049	15883	15559	15830	1.58	cps
Cadmium	111-1	132372	132388	133568	132776	0.52	cps
Calcium	43-1	8268700	7927635	8128360	8108232	2.11	cps
Calcium	44-1	133133155	131950941	133866185	132983427	0.73	cps
Carbon	12-1	50689874	52735831	52761524	52062410	2.28	cps
Carbon	12-2	364304	363585	365831	364573	0.31	cps
Chlorine	35-1	112545485	117890475	120949915	117128625	3.63	cps
Chlorine	35-2	544766	543904	551525	546732	0.76	cps
Chromium	52-2	225958	224893	226093	225648	0.29	cps
Cobalt	59-2	223352	222192	221073	222206	0.51	cps
Copper	63-2	226923	227758	228161	227614	0.28	cps
Dysprosium	156-1	103	97	110	103	6.45	cps
Dysprosium	156-2	53	47	57	52	9.75	cps
Erbium	164-1	130	173	167	157	14.90	cps
Erbium	164-2	47	97	50	64	43.38	cps
Gadolinium	160-1	180	177	193	183	4.81	cps
Gadolinium	160-2	70	87	87	81	11.87	cps
Holmium	165-1	8537162	8929976	8699813	8722317	2.26	cps
Holmium	165-2	3451512	3365268	3429513	3415431	1.31	cps
Indium	115-1	7184568	7048192	7149437	7127399	0.99	cps
Indium	115-2	773198	771222	776062	773494	0.31	cps
Iron	54-2	22834245	22604092	22680747	22706362	0.52	cps
Iron	56-2	426426420	414763314	417211394	419467043	1.47	cps
Iron	57-2	10580074	10330415	10414530	10441673	1.22	cps
Krypton	83-1	333	323	363	340	6.12	cps
Lead	206-1	443103	450148	447012	446755	0.79	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	370036	375935	375392	373788	0.87	cps
Lead	208-1	1718421	1751162	1729369	1732984	0.96	cps
Lithium	6-1	2366318	2312993	2279553	2319621	1.89	cps
Magnesium	24-2	29898891	29628520	30122249	29883220	0.83	cps
Manganese	55-2	67951	67763	68708	68140	0.73	cps
Molybdenum	94-1	14665789	14679458	14820021	14721756	0.58	cps
Molybdenum	95-1	25898303	26476690	26758692	26377895	1.66	cps
Molybdenum	96-1	27558823	28579528	28200269	28112873	1.84	cps
Molybdenum	97-1	16111066	16321514	16139524	16190701	0.71	cps
Molybdenum	98-1	42410598	41119460	42209405	41913154	1.66	cps
Neodymium	150-1	133	160	117	137	15.99	cps
Neodymium	150-2	37	37	27	33	17.32	cps
Nickel	60-2	72600	73026	72199	72608	0.57	cps
Phosphorus	31-2	475821	468728	472713	472421	0.75	cps
Potassium	39-2	20992386	21049243	20913785	20985138	0.32	cps
Rhodium	103-1	6440053	6502218	6351750	6431340	1.18	cps
Rhodium	103-2	2774387	2776172	2790490	2780350	0.32	cps
Scandium	45-1	4744743	4777345	4766777	4762955	0.35	cps
Scandium	45-2	97565	96179	97514	97086	0.81	cps
Selenium	82-1	8446	8673	8209	8443	2.75	cps
Selenium	77-2	153	157	170	160	5.51	cps
Selenium	78-2	617	527	487	543	12.26	cps
Silicon	28-1	855630	870862	946627	891040	5.47	cps
Silver	107-1	608579	621624	622120	617441	1.24	cps
Silver	109-1	578248	584166	589505	583973	0.96	cps
Sodium	23-2	63448282	61544604	63150934	62714607	1.63	cps
Strontium	86-1	281956	288337	283877	284723	1.15	cps
Strontium	88-1	2515795	2668103	2593743	2592547	2.94	cps
Sulfur	34-1	10456071	10213496	10346677	10338748	1.18	cps
Terbium	159-1	8925942	9015589	9090114	9010548	0.91	cps
Terbium	159-2	3342316	3409324	3359706	3370449	1.03	cps
Thallium	203-1	448129	456842	460853	455275	1.43	cps
Thallium	205-1	1074898	1091597	1093300	1086598	0.94	cps
Tin	118-1	7392	7332	7152	7292	1.71	cps
Titanium	47-1	7514194	7422630	7470457	7469094	0.61	cps
Uranium	238-1	1377	1420	1313	1370	3.92	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : ICSAB01 Instrumnet Name : P8
Client Sample ID : ICSAB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:37:29 DataFile Name : 021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	88049	88079	86730	87619	0.88	cps
Ytterbium	172-1	83	53	97	78	28.54	cps
Ytterbium	172-2	37	47	40	41	12.39	cps
Ytterbium	176-1	1090	1080	1277	1149	9.64	cps
Ytterbium	176-2	323	293	373	330	12.25	cps
Yttrium	89-1	13095723	13604446	13051825	13250665	2.32	cps
Yttrium	89-2	1013419	1006730	1005838	1008662	0.41	cps
Zinc	66-2	29150	29140	29431	29240	0.56	cps
Zirconium	90-1	2780	3164	3370	3105	9.64	cps
Zirconium	91-1	653	750	823	742	11.49	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4844925	4698986	4777027	4773646	1.53	cps
Antimony	121-1	13143559	13296507	13299937	13246668	0.67	cps
Arsenic	75-2	293974	290755	292523	292417	0.55	cps
Barium	135-1	16066451	16351901	16539703	16319351	1.46	cps
Barium	137-1	27448678	27797200	28241993	27829290	1.43	cps
Beryllium	9-1	2881770	2891071	2917599	2896813	0.64	cps
Bismuth	209-1	4642353	4742089	4662132	4682192	1.13	cps
Bismuth	209-2	2218242	2309087	2200401	2242577	2.60	cps
Bromine	81-1	31769	32668	32407	32282	1.43	cps
Cadmium	108-1	241142	244202	246097	243814	1.03	cps
Cadmium	106-1	353831	361757	364089	359892	1.49	cps
Cadmium	111-1	3206807	3228587	3187690	3207695	0.64	cps
Calcium	43-1	19824458	20600246	20563258	20329321	2.15	cps
Calcium	44-1	329312608	340205688	339898302	336472199	1.84	cps
Carbon	12-1	4319487	4369176	4380921	4356528	0.75	cps
Carbon	12-2	35483	35917	36362	35921	1.22	cps
Chlorine	35-1	4903795	4724646	4463821	4697421	4.71	cps
Chlorine	35-2	17194	16283	15135	16204	6.37	cps
Chromium	52-2	3002825	3016920	3002094	3007280	0.28	cps
Cobalt	59-2	5310191	5372928	5298661	5327260	0.75	cps
Copper	63-2	39334664	40606135	39753938	39898246	1.62	cps
Dysprosium	156-1	650	690	650	663	3.48	cps
Dysprosium	156-2	180	180	143	168	12.62	cps
Erbium	164-1	577	603	583	588	2.36	cps
Erbium	164-2	203	233	273	237	14.84	cps
Gadolinium	160-1	500	527	560	529	5.68	cps
Gadolinium	160-2	233	240	210	228	6.92	cps
Holmium	165-1	8624879	8528788	8583684	8579117	0.56	cps
Holmium	165-2	3427536	3581146	3400568	3469750	2.81	cps
Indium	115-1	6699425	6859277	6712494	6757065	1.31	cps
Indium	115-2	729838	770841	718727	739802	3.71	cps
Iron	54-2	28836073	29251252	28670151	28919159	1.04	cps
Iron	56-2	538500579	525945979	530988619	531811725	1.19	cps
Iron	57-2	13481952	13320159	13389066	13397059	0.61	cps
Krypton	83-1	383	320	380	361	9.87	cps
Lead	206-1	46097519	45241776	46329716	45889670	1.25	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	38773016	38832532	39362225	38989258	0.83	cps
Lead	208-1	177928551	178760943	180905986	179198493	0.86	cps
Lithium	6-1	2185892	2258342	2256047	2233427	1.84	cps
Magnesium	24-2	80199439	78669122	79481522	79450028	0.96	cps
Manganese	55-2	12504276	12563710	12357821	12475269	0.85	cps
Molybdenum	94-1	46739864	47896956	47612039	47416287	1.27	cps
Molybdenum	95-1	68168169	69504586	68944496	68872417	0.97	cps
Molybdenum	96-1	74655774	75823002	74764054	75080943	0.86	cps
Molybdenum	97-1	42101829	42590151	42110477	42267485	0.66	cps
Molybdenum	98-1	109818348	111367495	110340475	110508773	0.71	cps
Neodymium	150-1	1283	1393	1467	1381	6.68	cps
Neodymium	150-2	113	50	107	90	38.67	cps
Nickel	60-2	1362472	1470042	1377928	1403481	4.14	cps
Phosphorus	31-2	47554	47889	48658	48034	1.18	cps
Potassium	39-2	27695289	27890456	27797532	27794426	0.35	cps
Rhodium	103-1	6162822	6203854	6201386	6189354	0.37	cps
Rhodium	103-2	2637235	2835997	2652025	2708419	4.09	cps
Scandium	45-1	4643117	4633742	4645559	4640806	0.13	cps
Scandium	45-2	100193	104586	97564	100781	3.52	cps
Selenium	82-1	190582	192017	191315	191305	0.38	cps
Selenium	77-2	3674	3917	3727	3773	3.39	cps
Selenium	78-2	12199	13146	12696	12680	3.74	cps
Silicon	28-1	26334222	26673442	26470780	26492815	0.64	cps
Silver	107-1	15971976	15993819	16176069	16047288	0.70	cps
Silver	109-1	14983061	15121959	15094681	15066567	0.49	cps
Sodium	23-2	157722584	155490091	156827051	156679909	0.72	cps
Strontium	86-1	4408300	4454902	4509740	4457647	1.14	cps
Strontium	88-1	38674068	38375591	38803026	38617562	0.57	cps
Sulfur	34-1	1545378	1539380	1510141	1531633	1.23	cps
Terbium	159-1	8845453	8657256	8809187	8770632	1.14	cps
Terbium	159-2	3286931	3470001	3249138	3335357	3.54	cps
Thallium	203-1	11248976	11091886	11394397	11245086	1.35	cps
Thallium	205-1	26643647	26732435	26796769	26724283	0.29	cps
Tin	118-1	10574177	10897690	10763806	10745224	1.51	cps
Titanium	47-1	18627059	18655971	18745384	18676138	0.33	cps
Uranium	238-1	34172533	35473815	35492053	35046134	2.16	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV01 Instrumnet Name : P8
Client Sample ID : CCV01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:40:43 DataFile Name : 022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2289473	2289266	2271505	2283415	0.45	cps
Ytterbium	172-1	913	1023	890	942	7.56	cps
Ytterbium	172-2	463	443	410	439	6.14	cps
Ytterbium	176-1	55449	57109	57370	56643	1.84	cps
Ytterbium	176-2	22092	22035	22179	22102	0.33	cps
Yttrium	89-1	12965857	12931105	12913457	12936806	0.21	cps
Yttrium	89-2	1008794	1059054	994355	1020734	3.33	cps
Zinc	66-2	4506862	4506742	4600367	4537990	1.19	cps
Zirconium	90-1	23667054	24139324	23925140	23910506	0.99	cps
Zirconium	91-1	5341022	5466209	5304975	5370736	1.58	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	500	413	461	9.54	cps
Antimony	121-1	2770	2330	2127	2409	13.65	cps
Arsenic	75-2	13	17	13	14	13.35	cps
Barium	135-1	480	357	353	397	18.20	cps
Barium	137-1	813	670	680	721	11.10	cps
Beryllium	9-1	391	312	341	348	11.42	cps
Bismuth	209-1	5368416	5504251	5596423	5489697	2.09	cps
Bismuth	209-2	2634388	2614735	2602260	2617128	0.62	cps
Bromine	81-1	32087	32133	31519	31913	1.07	cps
Cadmium	108-1	30	37	30	32	11.95	cps
Cadmium	106-1	4784	4821	5024	4876	2.65	cps
Cadmium	111-1	3495	3552	3683	3577	2.69	cps
Calcium	43-1	1390	1350	1213	1318	7.03	cps
Calcium	44-1	36059	34077	33075	34403	4.41	cps
Carbon	12-1	3489977	3429915	3388180	3436024	1.49	cps
Carbon	12-2	23212	22434	22334	22660	2.12	cps
Chlorine	35-1	1930450	1814351	1739370	1828057	5.27	cps
Chlorine	35-2	6855	6622	6211	6563	4.96	cps
Chromium	52-2	1130	1120	1127	1126	0.45	cps
Cobalt	59-2	147	143	163	151	7.09	cps
Copper	63-2	2817	2640	2744	2734	3.25	cps
Dysprosium	156-1	7	13	20	13	49.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	47	70	57	58	20.26	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	87	80	93	87	7.69	cps
Gadolinium	160-2	33	20	23	26	27.15	cps
Holmium	165-1	9019364	9010989	9041715	9024023	0.18	cps
Holmium	165-2	3599008	3630465	3595018	3608164	0.54	cps
Indium	115-1	7744744	7803670	7930392	7826269	1.21	cps
Indium	115-2	850681	853893	849421	851332	0.27	cps
Iron	54-2	1190	1190	1040	1140	7.60	cps
Iron	56-2	18205	17598	17631	17811	1.92	cps
Iron	57-2	467	433	473	458	4.68	cps
Krypton	83-1	320	317	290	309	5.32	cps
Lead	206-1	3904	3621	3547	3691	5.11	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3277	3194	3004	3158	4.44	cps
Lead	208-1	15294	14417	14070	14593	4.32	cps
Lithium	6-1	2475316	2494869	2560485	2510223	1.78	cps
Magnesium	24-2	1667	1523	1323	1505	11.46	cps
Manganese	55-2	2650	2610	2647	2636	0.84	cps
Molybdenum	94-1	2817	2324	2040	2394	16.42	cps
Molybdenum	95-1	2397	1923	1673	1998	18.39	cps
Molybdenum	96-1	2714	2194	2000	2302	16.03	cps
Molybdenum	97-1	1487	1193	983	1221	20.70	cps
Molybdenum	98-1	3754	2917	2600	3090	19.29	cps
Neodymium	150-1	10	10	13	11	17.30	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	637	613	653	634	3.17	cps
Phosphorus	31-2	120	123	107	117	7.56	cps
Potassium	39-2	19036	18879	19156	19024	0.73	cps
Rhodium	103-1	7333823	7373917	7494875	7400872	1.13	cps
Rhodium	103-2	3184985	3115972	3153970	3151643	1.10	cps
Scandium	45-1	4962253	4902886	5059261	4974800	1.59	cps
Scandium	45-2	101674	101045	101347	101355	0.31	cps
Selenium	82-1	-57	37	-23	-14	-327.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	23	17	47	29	54.53	cps
Silicon	28-1	492686	514332	483235	496751	3.21	cps
Silver	107-1	1610	1460	1270	1447	11.78	cps
Silver	109-1	7283	1350	1167	3267	106.52	cps
Sodium	23-2	43344	42632	41729	42569	1.90	cps
Strontium	86-1	657	603	653	638	4.69	cps
Strontium	88-1	1297	1157	1037	1163	11.19	cps
Sulfur	34-1	548391	544967	546669	546676	0.31	cps
Terbium	159-1	9288030	9513362	9329317	9376903	1.28	cps
Terbium	159-2	3504618	3550367	3528743	3527910	0.65	cps
Thallium	203-1	1750	1740	1570	1687	6.00	cps
Thallium	205-1	4157	4021	3704	3961	5.87	cps
Tin	118-1	3844	3887	3801	3844	1.13	cps
Titanium	47-1	720	547	590	619	14.58	cps
Uranium	238-1	1080	780	680	847	24.59	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB01 Instrumnet Name : P8
Client Sample ID : CCB01 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:44:04 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	73	63	37	58	32.80	cps
Ytterbium	172-1	63	67	53	61	11.36	cps
Ytterbium	172-2	27	27	7	20	57.73	cps
Ytterbium	176-1	1010	1203	1273	1162	11.74	cps
Ytterbium	176-2	283	377	370	343	15.17	cps
Yttrium	89-1	13821694	13637241	13706532	13721822	0.68	cps
Yttrium	89-2	1059600	1062577	1056434	1059537	0.29	cps
Zinc	66-2	1593	1613	1643	1617	1.56	cps
Zirconium	90-1	3584	3280	3050	3305	8.10	cps
Zirconium	91-1	787	767	660	738	9.23	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2347	2370	2140	2286	5.54	cps
Antimony	121-1	53735	54913	55392	54680	1.56	cps
Arsenic	75-2	550	693	627	623	11.51	cps
Barium	135-1	64727	65032	65893	65217	0.93	cps
Barium	137-1	114365	113887	113760	114004	0.28	cps
Beryllium	9-1	6909	7092	6967	6989	1.34	cps
Bismuth	209-1	5554383	5571758	5491527	5539223	0.76	cps
Bismuth	209-2	2668271	2588992	2601785	2619683	1.62	cps
Bromine	81-1	31639	31846	31733	31739	0.33	cps
Cadmium	108-1	543	510	593	549	7.64	cps
Cadmium	106-1	5688	5448	5678	5605	2.42	cps
Cadmium	111-1	10410	10545	10568	10507	0.81	cps
Calcium	43-1	44074	44331	44853	44419	0.89	cps
Calcium	44-1	736646	739116	743631	739798	0.48	cps
Carbon	12-1	3322393	3266304	3268798	3285832	0.96	cps
Carbon	12-2	22237	22761	22728	22575	1.30	cps
Chlorine	35-1	1170384	1123164	1080704	1124750	3.99	cps
Chlorine	35-2	4361	4251	4111	4241	2.96	cps
Chromium	52-2	13143	13436	13213	13264	1.16	cps
Cobalt	59-2	12155	11745	12142	12014	1.94	cps
Copper	63-2	21480	20822	20488	20930	2.41	cps
Dysprosium	156-1	17	20	7	14	48.02	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	60	70	77	69	12.18	cps
Erbium	164-2	20	33	30	28	24.98	cps
Gadolinium	160-1	80	123	123	109	22.98	cps
Gadolinium	160-2	10	20	33	21	55.45	cps
Holmium	165-1	8944210	9008932	9080615	9011252	0.76	cps
Holmium	165-2	3640089	3619641	3599470	3619733	0.56	cps
Indium	115-1	7667381	7835349	7857057	7786596	1.33	cps
Indium	115-2	854026	853815	850682	852841	0.22	cps
Iron	54-2	13853	13663	13306	13608	2.04	cps
Iron	56-2	242126	242423	241942	242164	0.10	cps
Iron	57-2	5905	6295	6128	6109	3.20	cps
Krypton	83-1	280	273	263	272	3.08	cps
Lead	206-1	21615	21010	21515	21380	1.51	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	18560	18944	19054	18853	1.38	cps
Lead	208-1	85136	85320	86149	85535	0.63	cps
Lithium	6-1	2560651	2515224	2512877	2529584	1.06	cps
Magnesium	24-2	177020	176222	174748	175996	0.66	cps
Manganese	55-2	5308	5134	5361	5268	2.25	cps
Molybdenum	94-1	57729	57742	57960	57810	0.22	cps
Molybdenum	95-1	67955	68290	70457	68901	1.97	cps
Molybdenum	96-1	77441	78849	78229	78173	0.90	cps
Molybdenum	97-1	43565	43822	43431	43606	0.46	cps
Molybdenum	98-1	111631	111594	112095	111773	0.25	cps
Neodymium	150-1	23	10	27	20	44.10	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	3854	3714	3691	3753	2.35	cps
Phosphorus	31-2	203	263	210	226	14.58	cps
Potassium	39-2	128412	129219	130349	129326	0.75	cps
Rhodium	103-1	7126960	7287977	7292913	7235950	1.30	cps
Rhodium	103-2	3126141	3179000	3140388	3148510	0.87	cps
Scandium	45-1	4940976	5083428	4949621	4991342	1.60	cps
Scandium	45-2	101291	102925	102089	102102	0.80	cps
Selenium	82-1	1914	2144	2200	2086	7.28	cps
Selenium	77-2	57	50	20	42	46.26	cps
Selenium	78-2	123	153	180	152	18.62	cps
Silicon	28-1	631372	577692	590547	599870	4.67	cps
Silver	107-1	33868	33658	34460	33995	1.22	cps
Silver	109-1	32325	32254	33036	32538	1.33	cps
Sodium	23-2	375902	376689	377132	376574	0.17	cps
Strontium	86-1	9083	9337	9427	9282	1.92	cps
Strontium	88-1	78630	79739	79883	79417	0.86	cps
Sulfur	34-1	551663	555850	554468	553994	0.39	cps
Terbium	159-1	9466562	9496553	9459218	9474111	0.21	cps
Terbium	159-2	3476862	3549802	3514108	3513591	1.04	cps
Thallium	203-1	24957	24446	25047	24817	1.31	cps
Thallium	205-1	58310	59502	60135	59316	1.56	cps
Tin	118-1	113066	115199	114863	114376	1.00	cps
Titanium	47-1	19674	20034	19877	19862	0.91	cps
Uranium	238-1	72468	74409	72532	73137	1.51	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CRI Instrumnet Name : P8
Client Sample ID : CRI Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:47:27 DataFile Name : 024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	22635	23102	23029	22922	1.10	cps
Ytterbium	172-1	63	80	50	64	23.32	cps
Ytterbium	172-2	33	13	23	23	42.86	cps
Ytterbium	176-1	1297	1263	1477	1346	8.53	cps
Ytterbium	176-2	377	350	363	363	3.67	cps
Yttrium	89-1	13955622	13810625	13876233	13880827	0.52	cps
Yttrium	89-2	1060869	1063508	1062866	1062415	0.13	cps
Zinc	66-2	6488	6542	6595	6542	0.82	cps
Zirconium	90-1	51167	50668	49909	50581	1.25	cps
Zirconium	91-1	11064	11385	11195	11215	1.44	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2904	2807	2727	2813	3.15	cps
Antimony	121-1	2140	2064	2070	2091	2.03	cps
Arsenic	75-2	130	113	140	128	10.54	cps
Barium	135-1	159954	161760	160081	160599	0.63	cps
Barium	137-1	279373	277272	279767	278804	0.48	cps
Beryllium	9-1	145	167	140	151	9.72	cps
Bismuth	209-1	5789075	5667527	5611610	5689404	1.59	cps
Bismuth	209-2	2656169	2663048	2679310	2666175	0.45	cps
Bromine	81-1	58652	63319	64956	62309	5.25	cps
Cadmium	108-1	17	27	20	21	24.12	cps
Cadmium	106-1	4964	4861	4874	4900	1.15	cps
Cadmium	111-1	3523	3451	3485	3486	1.04	cps
Calcium	43-1	2071812	2115869	2094343	2094008	1.05	cps
Calcium	44-1	33998040	34204860	33912604	34038502	0.44	cps
Carbon	12-1	5517979	6029187	6422782	5989983	7.57	cps
Carbon	12-2	47600	48169	49232	48334	1.71	cps
Chlorine	35-1	4872159	5321485	5537715	5243786	6.47	cps
Chlorine	35-2	25045	26411	25943	25800	2.69	cps
Chromium	52-2	2907	2587	2540	2678	7.45	cps
Cobalt	59-2	513	463	497	491	5.18	cps
Copper	63-2	179237	179776	179766	179593	0.17	cps
Dysprosium	156-1	90	113	80	94	18.11	cps
Dysprosium	156-2	27	23	23	24	7.89	cps
Erbium	164-1	103	107	130	113	12.82	cps
Erbium	164-2	37	27	50	38	30.98	cps
Gadolinium	160-1	153	120	163	146	15.59	cps
Gadolinium	160-2	47	53	33	44	22.92	cps
Holmium	165-1	9380404	9314525	9403050	9365993	0.49	cps
Holmium	165-2	3742237	3760155	3764292	3755561	0.31	cps
Indium	115-1	8062229	8017726	7985737	8021897	0.48	cps
Indium	115-2	875234	875341	872326	874300	0.20	cps
Iron	54-2	7869	7806	7585	7753	1.92	cps
Iron	56-2	137821	139564	138595	138660	0.63	cps
Iron	57-2	3704	3577	3631	3637	1.75	cps
Krypton	83-1	320	287	293	300	5.88	cps
Lead	206-1	5795	5631	5271	5566	4.81	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	4681	4441	4548	4556	2.64	cps
Lead	208-1	22575	21471	20730	21592	4.30	cps
Lithium	6-1	2586881	2561184	2595885	2581317	0.70	cps
Magnesium	24-2	2263244	2249990	2197088	2236774	1.56	cps
Manganese	55-2	14958	14891	15235	15028	1.21	cps
Molybdenum	94-1	2470	2287	2457	2405	4.25	cps
Molybdenum	95-1	3227	2787	3010	3008	7.32	cps
Molybdenum	96-1	3430	3417	3427	3425	0.20	cps
Molybdenum	97-1	1873	1957	1953	1928	2.45	cps
Molybdenum	98-1	4868	5151	5124	5048	3.10	cps
Neodymium	150-1	97	100	90	96	5.33	cps
Neodymium	150-2	10	20	13	14	35.26	cps
Nickel	60-2	4541	4481	4324	4449	2.52	cps
Phosphorus	31-2	180	90	143	138	32.85	cps
Potassium	39-2	582179	586643	583009	583943	0.41	cps
Rhodium	103-1	7323326	7425307	7343781	7364138	0.73	cps
Rhodium	103-2	3198130	3137990	3115552	3150557	1.36	cps
Scandium	45-1	5043317	5132915	5164956	5113729	1.23	cps
Scandium	45-2	105819	106994	106148	106320	0.57	cps
Selenium	82-1	47	30	147	74	84.77	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	27	30	20	26	19.92	cps
Silicon	28-1	32599786	32564535	32703048	32622456	0.22	cps
Silver	107-1	663	607	533	601	10.84	cps
Silver	109-1	517	467	517	500	5.77	cps
Sodium	23-2	13814536	13672094	13794487	13760372	0.56	cps
Strontium	86-1	857527	854289	849157	853657	0.49	cps
Strontium	88-1	7887812	7696505	7730531	7771616	1.31	cps
Sulfur	34-1	1135768	1117025	1122288	1125027	0.86	cps
Terbium	159-1	9660724	9799438	9732130	9730764	0.71	cps
Terbium	159-2	3694020	3603507	3604000	3633842	1.43	cps
Thallium	203-1	987	937	850	924	7.48	cps
Thallium	205-1	2774	2297	2074	2381	15.02	cps
Tin	118-1	29769	29031	29632	29477	1.33	cps
Titanium	47-1	1687	1677	1743	1702	2.11	cps
Uranium	238-1	873	880	887	880	0.76	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-02 Instrumnet Name : P8
Client Sample ID : RINSE-EB-TANK-041525 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:50:49 DataFile Name : 025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	540	533	533	536	0.72	cps
Ytterbium	172-1	117	97	97	103	11.17	cps
Ytterbium	172-2	43	50	67	53	22.54	cps
Ytterbium	176-1	1330	1327	1387	1348	2.50	cps
Ytterbium	176-2	323	363	397	361	10.17	cps
Yttrium	89-1	14291158	14537616	14212080	14346951	1.18	cps
Yttrium	89-2	1091068	1092313	1095658	1093013	0.22	cps
Zinc	66-2	16780	16793	16927	16833	0.48	cps
Zirconium	90-1	2020	1800	1804	1875	6.73	cps
Zirconium	91-1	537	370	330	412	26.59	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3130	3330	3404	3288	4.30	cps
Antimony	121-1	4351	4337	4057	4248	3.90	cps
Arsenic	75-2	237	263	220	240	9.11	cps
Barium	135-1	165608	168770	166295	166891	1.00	cps
Barium	137-1	289875	292120	289593	290530	0.48	cps
Beryllium	9-1	115	145	140	133	12.06	cps
Bismuth	209-1	5593238	5721685	5686622	5667181	1.17	cps
Bismuth	209-2	2655203	2693305	2609236	2652581	1.59	cps
Bromine	81-1	60751	64856	65502	63703	4.04	cps
Cadmium	108-1	13	20	23	19	26.96	cps
Cadmium	106-1	4918	4974	4788	4893	1.96	cps
Cadmium	111-1	3496	3535	3372	3468	2.46	cps
Calcium	43-1	2155106	2146096	2148457	2149886	0.22	cps
Calcium	44-1	34658926	34801908	34767598	34742811	0.21	cps
Carbon	12-1	6131010	6628392	6822340	6527247	5.46	cps
Carbon	12-2	49717	50416	51088	50407	1.36	cps
Chlorine	35-1	5259020	5624965	5818818	5567601	5.11	cps
Chlorine	35-2	26424	26678	27329	26810	1.74	cps
Chromium	52-2	3074	3237	3277	3196	3.37	cps
Cobalt	59-2	667	670	633	657	3.09	cps
Copper	63-2	128212	131351	129794	129786	1.21	cps
Dysprosium	156-1	107	83	103	98	12.91	cps
Dysprosium	156-2	37	43	17	32	43.06	cps
Erbium	164-1	137	130	167	144	13.52	cps
Erbium	164-2	53	30	33	39	32.45	cps
Gadolinium	160-1	177	143	167	162	10.54	cps
Gadolinium	160-2	53	60	53	56	6.93	cps
Holmium	165-1	9357520	9226625	9385235	9323127	0.91	cps
Holmium	165-2	3669884	3772013	3627011	3689636	2.02	cps
Indium	115-1	7909909	7874518	7913285	7899237	0.27	cps
Indium	115-2	864503	883415	845933	864617	2.17	cps
Iron	54-2	141345	141930	139951	141075	0.72	cps
Iron	56-2	2808821	2714422	2725798	2749680	1.87	cps
Iron	57-2	66280	65707	65617	65868	0.55	cps
Krypton	83-1	270	327	247	281	14.63	cps
Lead	206-1	4087	3934	3947	3990	2.13	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	3484	3537	3357	3459	2.67	cps
Lead	208-1	15964	15954	15834	15917	0.45	cps
Lithium	6-1	2584659	2558961	2577856	2573825	0.52	cps
Magnesium	24-2	2288236	2216663	2287306	2264068	1.81	cps
Manganese	55-2	43800	43804	42945	43516	1.14	cps
Molybdenum	94-1	2690	2667	2657	2671	0.64	cps
Molybdenum	95-1	3157	3174	3144	3158	0.48	cps
Molybdenum	96-1	3671	3737	3647	3685	1.27	cps
Molybdenum	97-1	1963	2077	1997	2012	2.89	cps
Molybdenum	98-1	4964	5078	5111	5051	1.52	cps
Neodymium	150-1	80	70	90	80	12.50	cps
Neodymium	150-2	23	40	27	30	29.40	cps
Nickel	60-2	2884	2970	2800	2885	2.95	cps
Phosphorus	31-2	177	187	120	161	22.32	cps
Potassium	39-2	596143	592748	597587	595493	0.42	cps
Rhodium	103-1	7278871	7306955	7465678	7350501	1.37	cps
Rhodium	103-2	3149735	3215073	3047221	3137343	2.70	cps
Scandium	45-1	5107975	5124634	5040328	5090979	0.88	cps
Scandium	45-2	104429	107210	102260	104633	2.37	cps
Selenium	82-1	77	17	163	86	86.19	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	40	20	30	30	33.33	cps
Silicon	28-1	33011270	32631353	32146533	32596385	1.33	cps
Silver	107-1	387	423	407	406	4.53	cps
Silver	109-1	380	350	297	342	12.33	cps
Sodium	23-2	14400463	14146408	14429154	14325341	1.09	cps
Strontium	86-1	868138	862567	862215	864307	0.38	cps
Strontium	88-1	7754495	7870524	7698074	7774364	1.13	cps
Sulfur	34-1	1194219	1197763	1195283	1195755	0.15	cps
Terbium	159-1	9647361	9608358	9631368	9629029	0.20	cps
Terbium	159-2	3615168	3647067	3529692	3597309	1.69	cps
Thallium	203-1	680	717	743	713	4.46	cps
Thallium	205-1	1984	1894	1787	1888	5.22	cps
Tin	118-1	55023	54454	55371	54950	0.84	cps
Titanium	47-1	1873	1807	1933	1871	3.39	cps
Uranium	238-1	913	887	967	922	4.42	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : Q1812-03 Instrumnet Name : P8
Client Sample ID : RINSE-EB-PUMP-04152 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:54:06 DataFile Name : 026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	687	623	570	627	9.32	cps
Ytterbium	172-1	130	113	113	119	8.09	cps
Ytterbium	172-2	53	40	40	44	17.32	cps
Ytterbium	176-1	1297	1473	1360	1377	6.50	cps
Ytterbium	176-2	300	270	327	299	9.48	cps
Yttrium	89-1	14291602	14255583	14026328	14191171	1.01	cps
Yttrium	89-2	1080365	1102655	1056429	1079816	2.14	cps
Zinc	66-2	44908	44048	43807	44254	1.31	cps
Zirconium	90-1	2224	2184	2197	2201	0.93	cps
Zirconium	91-1	493	450	460	468	4.85	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	427	390	353	390	9.40	cps
Antimony	121-1	257	283	243	261	7.80	cps
Arsenic	75-2	3	7	0	3	100.05	cps
Barium	135-1	117	140	157	138	14.58	cps
Barium	137-1	230	213	213	219	4.40	cps
Beryllium	9-1	102	105	116	107	6.82	cps
Bismuth	209-1	5514727	5511482	5545979	5524063	0.34	cps
Bismuth	209-2	2564038	2601391	2611857	2592429	0.97	cps
Bromine	81-1	32080	32481	32464	32342	0.70	cps
Cadmium	108-1	27	13	7	16	65.47	cps
Cadmium	106-1	4721	4844	4834	4800	1.43	cps
Cadmium	111-1	3363	3438	3439	3413	1.29	cps
Calcium	43-1	990	843	947	927	8.13	cps
Calcium	44-1	29524	28705	28368	28866	2.06	cps
Carbon	12-1	3857108	3714675	3620930	3730904	3.19	cps
Carbon	12-2	25105	24180	24307	24530	2.04	cps
Chlorine	35-1	1027725	960162	890411	959432	7.16	cps
Chlorine	35-2	3550	3274	3300	3375	4.52	cps
Chromium	52-2	1103	1110	1127	1113	1.08	cps
Cobalt	59-2	63	63	77	68	11.36	cps
Copper	63-2	2020	1930	1913	1955	2.94	cps
Dysprosium	156-1	10	17	3	10	66.70	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	73	83	50	69	24.83	cps
Erbium	164-2	13	17	23	18	28.64	cps
Gadolinium	160-1	83	140	73	99	36.36	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	8916000	9054425	9013542	8994655	0.79	cps
Holmium	165-2	3541229	3494126	3594169	3543175	1.41	cps
Indium	115-1	7825814	7706334	7648322	7726823	1.17	cps
Indium	115-2	841992	840428	846840	843087	0.40	cps
Iron	54-2	883	860	787	843	5.98	cps
Iron	56-2	9763	9700	10090	9851	2.13	cps
Iron	57-2	270	283	253	269	5.59	cps
Krypton	83-1	310	313	237	287	15.12	cps
Lead	206-1	1417	1320	1413	1383	3.97	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	1247	1073	1223	1181	7.96	cps
Lead	208-1	5674	5281	5664	5539	4.05	cps
Lithium	6-1	2464111	2516455	2498844	2493137	1.07	cps
Magnesium	24-2	580	553	657	597	8.99	cps
Manganese	55-2	2567	2564	2487	2539	1.78	cps
Molybdenum	94-1	750	773	783	769	2.22	cps
Molybdenum	95-1	287	307	300	298	3.42	cps
Molybdenum	96-1	460	387	370	406	11.81	cps
Molybdenum	97-1	203	170	167	180	11.27	cps
Molybdenum	98-1	450	403	470	441	7.75	cps
Neodymium	150-1	17	0	13	10	88.20	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	653	667	670	663	1.33	cps
Phosphorus	31-2	123	103	80	102	21.22	cps
Potassium	39-2	17574	17471	17164	17403	1.23	cps
Rhodium	103-1	7220964	7298804	7202159	7240643	0.71	cps
Rhodium	103-2	3055815	3075943	3118422	3083393	1.04	cps
Scandium	45-1	4878536	4948134	4855224	4893964	0.99	cps
Scandium	45-2	101025	100897	101146	101023	0.12	cps
Selenium	82-1	-40	-53	60	-11	-557.54	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	20	20	7	16	49.47	cps
Silicon	28-1	529184	493912	486655	503250	4.52	cps
Silver	107-1	313	323	383	340	11.13	cps
Silver	109-1	223	203	240	222	8.26	cps
Sodium	23-2	35446	34544	34347	34779	1.69	cps
Strontium	86-1	573	590	533	566	5.15	cps
Strontium	88-1	820	730	707	752	7.96	cps
Sulfur	34-1	589237	588822	583963	587341	0.50	cps
Terbium	159-1	9110531	9243696	9319526	9224584	1.15	cps
Terbium	159-2	3464362	3434398	3497720	3465493	0.91	cps
Thallium	203-1	623	600	600	608	2.22	cps
Thallium	205-1	1497	1410	1517	1475	3.85	cps
Tin	118-1	3447	3571	3711	3576	3.69	cps
Titanium	47-1	220	253	210	228	9.96	cps
Uranium	238-1	173	217	187	192	11.55	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BL Instrumnet Name : P8
Client Sample ID : PB167612BL Dilution Factor : 1
Date & Time Acquired : 2025-04-29 12:57:20 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	40	10	20	23	65.47	cps
Ytterbium	172-1	40	53	53	49	15.74	cps
Ytterbium	172-2	33	23	30	29	17.63	cps
Ytterbium	176-1	1203	1230	1240	1225	1.55	cps
Ytterbium	176-2	287	330	320	312	7.27	cps
Yttrium	89-1	13746251	13740709	13762156	13749705	0.08	cps
Yttrium	89-2	1040205	1051524	1051922	1047884	0.63	cps
Zinc	66-2	1560	1630	1570	1587	2.39	cps
Zirconium	90-1	1687	1874	1927	1829	6.89	cps
Zirconium	91-1	400	447	357	401	11.22	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	937894	935302	944314	939170	0.49	cps
Antimony	121-1	13598602	13719423	14247182	13855069	2.49	cps
Arsenic	75-2	295378	296876	295270	295841	0.30	cps
Barium	135-1	16097805	16546623	16721392	16455273	1.95	cps
Barium	137-1	28487295	28866387	28485324	28613002	0.77	cps
Beryllium	9-1	3129772	3218216	3141240	3163076	1.52	cps
Bismuth	209-1	5272432	5275266	5219466	5255722	0.60	cps
Bismuth	209-2	2405817	2396668	2399290	2400592	0.20	cps
Bromine	81-1	31041	31255	30570	30955	1.13	cps
Cadmium	108-1	262080	267469	265421	264990	1.03	cps
Cadmium	106-1	380921	384623	382784	382776	0.48	cps
Cadmium	111-1	3391157	3544369	3508396	3481307	2.30	cps
Calcium	43-1	4211609	4271226	4271128	4251321	0.81	cps
Calcium	44-1	69698266	69666982	70054422	69806557	0.31	cps
Carbon	12-1	4105254	4240502	4329506	4225088	2.67	cps
Carbon	12-2	31978	32112	32476	32189	0.80	cps
Chlorine	35-1	671404	666750	663471	667208	0.60	cps
Chlorine	35-2	2624	2537	2634	2598	2.05	cps
Chromium	52-2	3002079	2980912	2992304	2991765	0.35	cps
Cobalt	59-2	5505042	5578301	5607770	5563704	0.95	cps
Copper	63-2	41962702	42810369	43009109	42594060	1.30	cps
Dysprosium	156-1	337	313	287	312	8.01	cps
Dysprosium	156-2	30	67	53	50	37.12	cps
Erbium	164-1	217	193	260	223	15.15	cps
Erbium	164-2	97	63	80	80	20.84	cps
Gadolinium	160-1	157	233	197	196	19.61	cps
Gadolinium	160-2	67	50	67	61	15.75	cps
Holmium	165-1	8721833	8923438	8875227	8840166	1.19	cps
Holmium	165-2	3485630	3454837	3470224	3470230	0.44	cps
Indium	115-1	7124741	7241726	7256796	7207754	1.00	cps
Indium	115-2	740942	748452	757309	748901	1.09	cps
Iron	54-2	6102729	6072683	6089829	6088414	0.25	cps
Iron	56-2	110145755	111756145	112786392	111562764	1.19	cps
Iron	57-2	2804471	2880846	2881023	2855446	1.55	cps
Krypton	83-1	327	303	297	309	5.10	cps
Lead	206-1	48045458	49651083	49597574	49098038	1.86	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	41805409	42783791	42585807	42391669	1.22	cps
Lead	208-1	193798862	197031232	197163240	195997778	0.97	cps
Lithium	6-1	2452749	2456713	2387623	2432362	1.59	cps
Magnesium	24-2	16427844	16263211	16823023	16504693	1.74	cps
Manganese	55-2	12632245	12670968	12636401	12646538	0.17	cps
Molybdenum	94-1	48429044	48644901	48713553	48595833	0.31	cps
Molybdenum	95-1	68608686	71006787	70207247	69940907	1.75	cps
Molybdenum	96-1	74747651	77200546	77370836	76439677	1.92	cps
Molybdenum	97-1	43129524	42917159	43955156	43333947	1.27	cps
Molybdenum	98-1	113247105	113725525	114550878	113841169	0.58	cps
Neodymium	150-1	1170	1243	1313	1242	5.77	cps
Neodymium	150-2	60	53	70	61	13.73	cps
Nickel	60-2	1555273	1593758	1572909	1573980	1.22	cps
Phosphorus	31-2	47083	46712	47451	47082	0.78	cps
Potassium	39-2	5657726	5638865	5683273	5659954	0.39	cps
Rhodium	103-1	6659603	6621421	6799087	6693370	1.40	cps
Rhodium	103-2	2835017	2898605	2892846	2875489	1.22	cps
Scandium	45-1	4743957	4851856	4785528	4793780	1.14	cps
Scandium	45-2	100065	99679	100642	100129	0.48	cps
Selenium	82-1	198932	202360	203699	201664	1.22	cps
Selenium	77-2	3844	3611	4031	3828	5.50	cps
Selenium	78-2	13009	13193	12903	13035	1.13	cps
Silicon	28-1	26341337	26138454	26326019	26268603	0.43	cps
Silver	107-1	17203052	17790798	17474041	17489297	1.68	cps
Silver	109-1	16099010	16602940	17067030	16589660	2.92	cps
Sodium	23-2	32626926	32749595	33257270	32877930	1.02	cps
Strontium	86-1	4490807	4448425	4576752	4505328	1.45	cps
Strontium	88-1	38438724	38333138	39762503	38844788	2.05	cps
Sulfur	34-1	1591692	1576065	1564253	1577337	0.87	cps
Terbium	159-1	9030168	9125853	9346416	9167479	1.77	cps
Terbium	159-2	3448832	3398813	3396422	3414689	0.87	cps
Thallium	203-1	11813579	12146838	12128601	12029673	1.56	cps
Thallium	205-1	28950760	28939146	29369544	29086483	0.84	cps
Tin	118-1	11313044	11407494	11544093	11421543	1.02	cps
Titanium	47-1	19160679	19272456	19262768	19231968	0.32	cps
Uranium	238-1	38083964	38401006	37702069	38062347	0.92	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : PB167612BS Instrumnet Name : P8
Client Sample ID : PB167612BS Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:00:45 DataFile Name : 028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2248966	2267202	2325143	2280437	1.74	cps
Ytterbium	172-1	280	243	257	260	7.14	cps
Ytterbium	172-2	103	147	87	112	27.60	cps
Ytterbium	176-1	57344	57581	57561	57496	0.23	cps
Ytterbium	176-2	22319	22486	22589	22465	0.61	cps
Yttrium	89-1	13228812	12966531	13483806	13226383	1.96	cps
Yttrium	89-2	997852	1008801	1019182	1008612	1.06	cps
Zinc	66-2	4772836	4744376	4761952	4759722	0.30	cps
Zirconium	90-1	24509625	24396107	24530931	24478888	0.30	cps
Zirconium	91-1	5416461	5463075	5428530	5436022	0.45	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4680519	4791903	4720709	4731044	1.19	cps
Antimony	121-1	12891878	13214391	13304895	13137055	1.65	cps
Arsenic	75-2	285351	286577	287805	286578	0.43	cps
Barium	135-1	15974988	16128729	16273040	16125586	0.92	cps
Barium	137-1	27366225	27838408	27764960	27656531	0.92	cps
Beryllium	9-1	2956395	2961776	2970540	2962904	0.24	cps
Bismuth	209-1	4803948	4853318	4743731	4800332	1.14	cps
Bismuth	209-2	2195726	2217683	2234049	2215820	0.87	cps
Bromine	81-1	30941	31582	31759	31428	1.37	cps
Cadmium	108-1	240414	245466	246290	244057	1.30	cps
Cadmium	106-1	349924	359976	361352	357084	1.75	cps
Cadmium	111-1	3160576	3212339	3200906	3191274	0.85	cps
Calcium	43-1	19633022	20359529	19936121	19976224	1.83	cps
Calcium	44-1	326162135	331803802	329324222	329096720	0.86	cps
Carbon	12-1	4110483	4293726	4320346	4241518	2.69	cps
Carbon	12-2	35426	35734	35770	35643	0.53	cps
Chlorine	35-1	549654	556210	553825	553230	0.60	cps
Chlorine	35-2	2194	2300	2440	2311	5.35	cps
Chromium	52-2	2937461	2990206	2966537	2964735	0.89	cps
Cobalt	59-2	5261991	5302560	5276196	5280249	0.39	cps
Copper	63-2	39811009	39267869	38944633	39341171	1.11	cps
Dysprosium	156-1	597	753	720	690	11.96	cps
Dysprosium	156-2	143	180	177	167	12.16	cps
Erbium	164-1	680	643	593	639	6.81	cps
Erbium	164-2	223	250	287	253	12.55	cps
Gadolinium	160-1	493	457	510	487	5.61	cps
Gadolinium	160-2	230	223	183	212	11.89	cps
Holmium	165-1	8473708	8556777	8476793	8502426	0.55	cps
Holmium	165-2	3424027	3461524	3403283	3429611	0.86	cps
Indium	115-1	6674613	6629775	6638401	6647596	0.36	cps
Indium	115-2	726796	719652	723224	723224	0.49	cps
Iron	54-2	28630328	28476922	28496416	28534555	0.29	cps
Iron	56-2	528314739	534533432	536596499	533148223	0.81	cps
Iron	57-2	13090727	13494102	13398416	13327748	1.58	cps
Krypton	83-1	317	370	417	368	13.61	cps
Lead	206-1	45618726	47392239	46340343	46450436	1.92	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	38502446	39607431	39600024	39236634	1.62	cps
Lead	208-1	179523911	182954966	182978921	181819266	1.09	cps
Lithium	6-1	2246125	2289809	2296372	2277435	1.20	cps
Magnesium	24-2	78451406	79787772	79358460	79199213	0.86	cps
Manganese	55-2	12300376	12510579	12379908	12396954	0.86	cps
Molybdenum	94-1	46412599	46634511	46294474	46447195	0.37	cps
Molybdenum	95-1	66741692	68111951	67936386	67596676	1.10	cps
Molybdenum	96-1	72831417	74560234	75684697	74358783	1.93	cps
Molybdenum	97-1	41108701	42220114	42558818	41962544	1.81	cps
Molybdenum	98-1	107816055	109856452	109161968	108944825	0.95	cps
Neodymium	150-1	1323	1357	1350	1343	1.31	cps
Neodymium	150-2	80	93	90	88	7.90	cps
Nickel	60-2	1357672	1367000	1359192	1361288	0.37	cps
Phosphorus	31-2	46916	47183	47337	47145	0.45	cps
Potassium	39-2	27865920	27399185	27322833	27529313	1.07	cps
Rhodium	103-1	6061833	6238595	6141637	6147355	1.44	cps
Rhodium	103-2	2677054	2656663	2681237	2671651	0.49	cps
Scandium	45-1	4536426	4559541	4604073	4566680	0.75	cps
Scandium	45-2	98860	99290	98964	99038	0.23	cps
Selenium	82-1	186423	188883	189728	188345	0.91	cps
Selenium	77-2	3560	3707	3574	3614	2.24	cps
Selenium	78-2	13026	12432	12646	12701	2.37	cps
Silicon	28-1	25929843	26240610	26195165	26121872	0.64	cps
Silver	107-1	15585690	15983089	16172358	15913713	1.88	cps
Silver	109-1	14857765	14848334	15133284	14946461	1.08	cps
Sodium	23-2	157911768	158359844	159365568	158545727	0.47	cps
Strontium	86-1	4278129	4396824	4403932	4359629	1.62	cps
Strontium	88-1	37740809	38606050	38784023	38376961	1.45	cps
Sulfur	34-1	1520049	1493417	1500036	1504501	0.92	cps
Terbium	159-1	8749949	8668425	8785688	8734687	0.69	cps
Terbium	159-2	3317352	3310253	3308939	3312181	0.14	cps
Thallium	203-1	11368714	11587160	11359547	11438474	1.13	cps
Thallium	205-1	26932945	27431373	26963139	27109152	1.03	cps
Tin	118-1	10556111	10651591	10667652	10625118	0.57	cps
Titanium	47-1	18091568	18690172	18718511	18500084	1.91	cps
Uranium	238-1	36108512	35971444	36038936	36039631	0.19	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCV02 Instrumnet Name : P8
Client Sample ID : CCV02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:03:26 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	2251459	2214721	2248773	2238318	0.91	cps
Ytterbium	172-1	893	947	910	917	2.98	cps
Ytterbium	172-2	453	423	423	433	4.00	cps
Ytterbium	176-1	55613	57494	57484	56864	1.91	cps
Ytterbium	176-2	22145	21841	22212	22066	0.90	cps
Yttrium	89-1	12587789	12963949	12935051	12828930	1.63	cps
Yttrium	89-2	998407	1001556	1000094	1000019	0.16	cps
Zinc	66-2	4499049	4452788	4510347	4487394	0.68	cps
Zirconium	90-1	23484935	23828572	23466168	23593225	0.86	cps
Zirconium	91-1	5186041	5263710	5272871	5240874	0.91	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	390	393	337	373	8.52	cps
Antimony	121-1	2560	2270	1944	2258	13.67	cps
Arsenic	75-2	17	17	17	17	0.00	cps
Barium	135-1	420	287	300	336	21.88	cps
Barium	137-1	613	567	513	564	8.86	cps
Beryllium	9-1	423	376	325	375	13.11	cps
Bismuth	209-1	5674993	5609831	5692211	5659012	0.77	cps
Bismuth	209-2	2602810	2627055	2675444	2635103	1.40	cps
Bromine	81-1	31225	31766	31362	31451	0.89	cps
Cadmium	108-1	33	40	23	32	26.04	cps
Cadmium	106-1	4554	4958	4644	4719	4.49	cps
Cadmium	111-1	3355	3592	3415	3454	3.58	cps
Calcium	43-1	1230	1197	1133	1187	4.14	cps
Calcium	44-1	31478	31201	30893	31191	0.94	cps
Carbon	12-1	3519389	3448143	3414725	3460752	1.54	cps
Carbon	12-2	23549	23258	23445	23418	0.63	cps
Chlorine	35-1	400415	392578	389436	394143	1.43	cps
Chlorine	35-2	1613	1613	1600	1609	0.48	cps
Chromium	52-2	1100	1247	1247	1198	7.07	cps
Cobalt	59-2	197	163	160	173	11.70	cps
Copper	63-2	2554	2647	2527	2576	2.45	cps
Dysprosium	156-1	23	13	13	17	34.65	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	67	60	53	60	11.12	cps
Erbium	164-2	7	27	13	16	65.47	cps
Gadolinium	160-1	73	80	77	77	4.35	cps
Gadolinium	160-2	17	23	13	18	28.64	cps
Holmium	165-1	9241134	9132903	9216212	9196750	0.62	cps
Holmium	165-2	3701950	3666651	3639406	3669336	0.85	cps
Indium	115-1	7835718	7961328	7995124	7930723	1.06	cps
Indium	115-2	854892	856095	850455	853814	0.35	cps
Iron	54-2	1013	1050	1027	1030	1.80	cps
Iron	56-2	14544	14080	14197	14274	1.69	cps
Iron	57-2	400	397	373	390	3.73	cps
Krypton	83-1	263	243	260	256	4.19	cps
Lead	206-1	3157	3397	2777	3110	10.05	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Lead	207-1	2957	2847	2780	2861	3.12	cps
Lead	208-1	13306	12959	12009	12758	5.26	cps
Lithium	6-1	2505062	2561810	2466657	2511176	1.91	cps
Magnesium	24-2	1257	1040	1230	1176	10.05	cps
Manganese	55-2	2684	2817	3037	2846	6.27	cps
Molybdenum	94-1	2420	2154	2070	2215	8.26	cps
Molybdenum	95-1	1697	1627	1390	1571	10.23	cps
Molybdenum	96-1	2214	1823	1687	1908	14.33	cps
Molybdenum	97-1	1040	893	770	901	15.00	cps
Molybdenum	98-1	2914	2314	2320	2516	13.70	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	573	667	707	649	10.54	cps
Phosphorus	31-2	123	127	113	121	5.73	cps
Potassium	39-2	18252	17524	18479	18085	2.76	cps
Rhodium	103-1	7376541	7468250	7575097	7473296	1.33	cps
Rhodium	103-2	3170266	3152588	3195925	3172926	0.69	cps
Scandium	45-1	5057408	4909468	5034237	5000371	1.59	cps
Scandium	45-2	103630	99962	104463	102685	2.33	cps
Selenium	82-1	13	100	53	56	78.08	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	23	20	13	19	26.96	cps
Silicon	28-1	495275	493042	490371	492896	0.50	cps
Silver	107-1	1210	1150	1013	1125	8.96	cps
Silver	109-1	1180	953	937	1023	13.28	cps
Sodium	23-2	41268	39921	41709	40966	2.27	cps
Strontium	86-1	653	567	600	607	7.21	cps
Strontium	88-1	1100	1127	1003	1077	6.03	cps
Sulfur	34-1	572887	568593	569686	570389	0.39	cps
Terbium	159-1	9557986	9581921	9169933	9436613	2.45	cps
Terbium	159-2	3553780	3455530	3492027	3500445	1.42	cps
Thallium	203-1	1133	1090	1053	1092	3.67	cps
Thallium	205-1	2784	2490	2387	2554	8.06	cps
Tin	118-1	3661	3934	4786	4127	14.23	cps
Titanium	47-1	527	493	503	508	3.37	cps
Uranium	238-1	847	687	650	728	14.37	cps

LB Number : LB135595 Operator : Jaswal
Lab Sample ID : CCB02 Instrumnet Name : P8
Client Sample ID : CCB02 Dilution Factor : 1
Date & Time Acquired : 2025-04-29 13:07:44 DataFile Name : 030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Vanadium	51-2	37	40	30	36	14.32	cps
Ytterbium	172-1	20	70	27	39	69.81	cps
Ytterbium	172-2	20	43	37	33	36.05	cps
Ytterbium	176-1	1183	1253	1220	1219	2.87	cps
Ytterbium	176-2	287	303	323	304	6.03	cps
Yttrium	89-1	13908831	14205748	13999519	14038033	1.08	cps
Yttrium	89-2	1064141	1064990	1058554	1062562	0.33	cps
Zinc	66-2	1607	1743	1647	1666	4.22	cps
Zirconium	90-1	4141	4037	3821	4000	4.08	cps
Zirconium	91-1	1013	917	850	927	8.86	cps