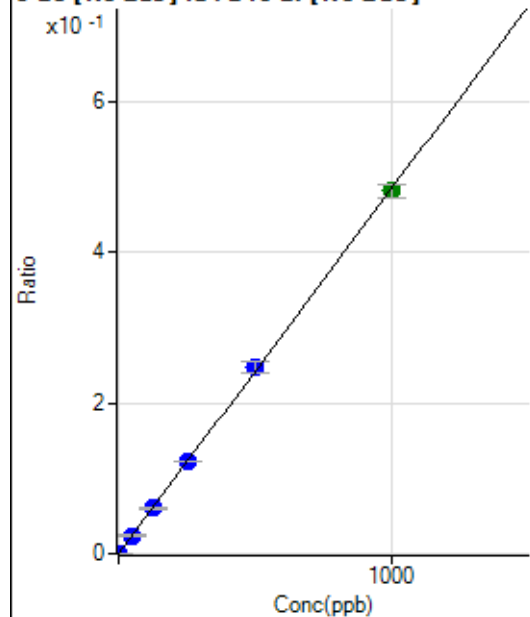


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8040623 MS.b\
 Analysis File: P8040623 MS.batch.bin
 DA Date-Time: 2023-04-10 20:14:35
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2023-04-06 13:58:35
2	006CALS.d	S02	2023-04-06 14:04:47
3	007CALS.d	S03	2023-04-06 14:07:52
4	008CALS.d	S04	2023-04-06 14:10:53
5	009CALS.d	S05	2023-04-06 14:13:52
6	010CALS.d	S06	2023-04-06 14:16:52
7	011CALS.d	S07	2023-04-06 14:19:50
8	012CALS.d	S08	2023-04-06 14:22:51

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.08	0.0000	P	22.4
2	☐	1.000	1.081	1872.39	0.0005	P	4.3
3	☐	50.000	50.024	87850.84	0.0242	P	0.9
4	☐	125.000	124.986	216149.02	0.0605	P	2.0
5	☐	250.000	251.135	427872.54	0.1216	P	0.6
6	☐	500.000	511.174	847813.20	0.2476	P	6.8
7	☐	1000.000	994.130	1666005.20	0.4815	A	3.7
8	☐			534.11	0.0002	P	13.2

$$y = 4.8430\text{E-}004 * x + 7.8452\text{E-}006$$

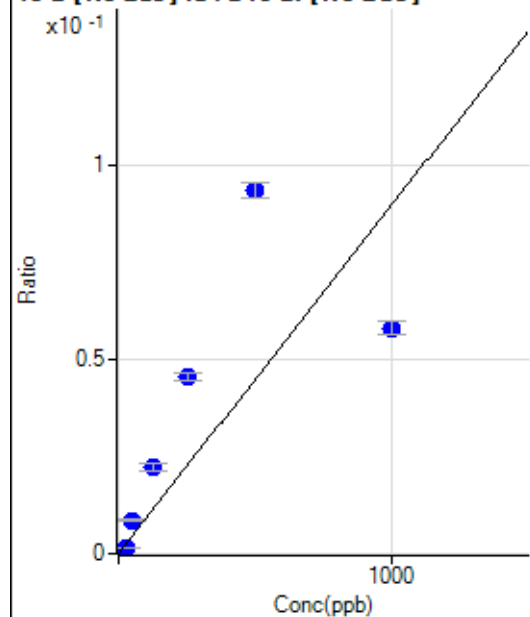
$$R = 0.9999$$

$$DL = 0.01091$$

$$BEC = 0.0162$$

Weight: <None>

Min Conc: 0

10 B [No Gas] ISTD:6 Li [No Gas]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.96	0.0001	P	12.1
2	☐	25.000	14.292	4740.51	0.0013	P	7.5
3	☐	50.000	95.525	31235.15	0.0086	P	8.5
4	☐	125.000	246.424	78947.22	0.0221	P	8.7
5	☐	250.000	507.853	160223.65	0.0455	P	4.4
6	☐	500.000	1041.292	319921.62	0.0933	P	4.2
7	☐	1000.000	647.704	200813.65	0.0580	P	5.7
8	☐			23100.84	0.0071	P	8.2

$$y = 8.9515\text{E-}005 * x + 6.6568\text{E-}005$$

$$R = 0.7360$$

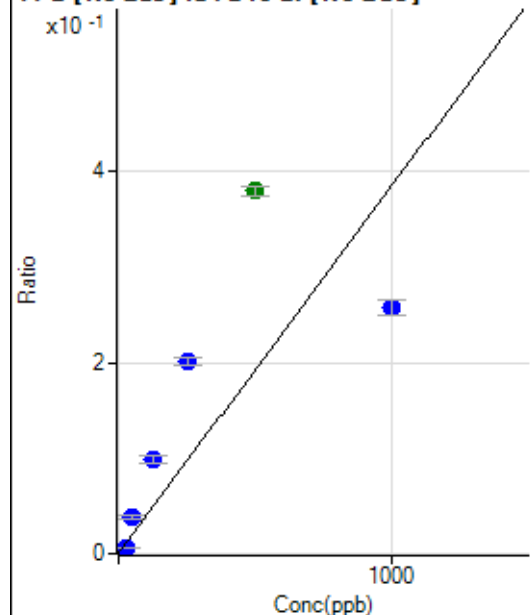
$$DL = 0.2701$$

$$BEC = 0.7436$$

Weight: <None>

Min Conc: 0

11 B [No Gas] ISTD:6 Li [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1071.17	0.0003	P	1.9
2	☐	25.000	14.830	21189.78	0.0060	P	8.2
3	☐	50.000	98.506	138474.78	0.0382	P	6.8
4	☐	125.000	254.714	350751.87	0.0983	P	7.6
5	☐	250.000	523.702	710037.20	0.2018	P	4.4
6	☐	500.000	987.440	1304353.23	0.3801	A	2.8
7	☐	1000.000	669.469	891974.52	0.2578	P	6.2
8	☐			102775.46	0.0314	P	9.7

$$y = 3.8466E-004 * x + 3.1171E-004$$

$$R = 0.7616$$

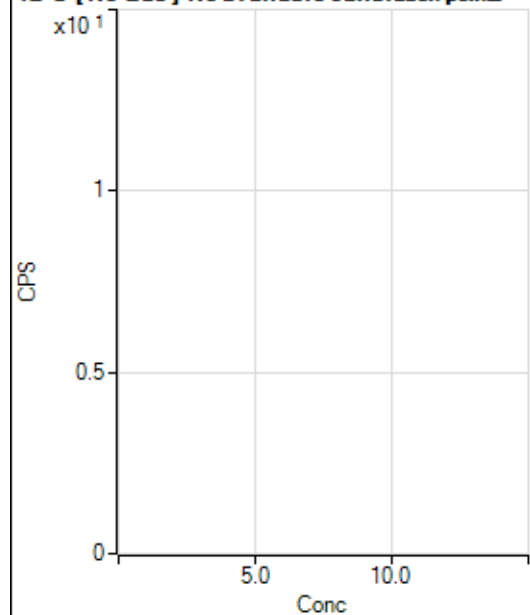
$$DL = 0.04525$$

$$BEC = 0.8104$$

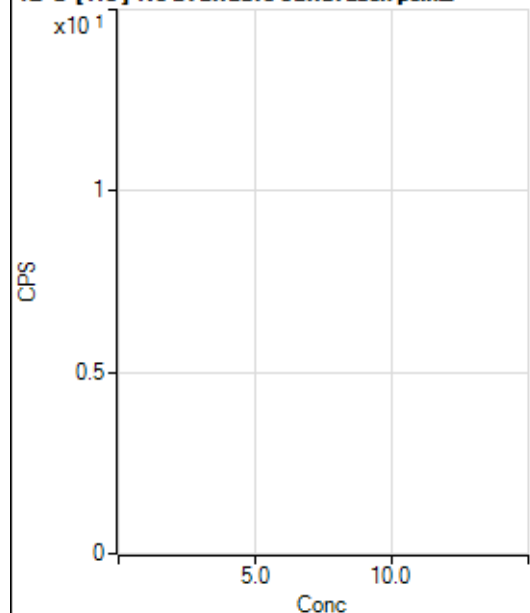
Weight: <None>

Min Conc: 0

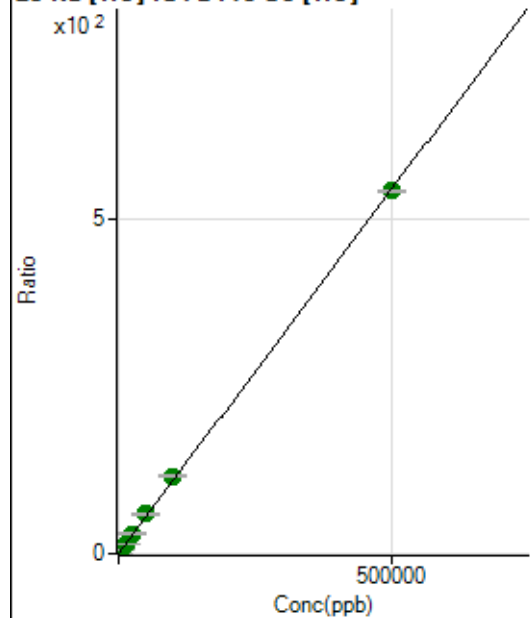
12 C [No Gas] No available calibration points



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3421296.52		A	0.3
2	☐			3518371.00		A	0.5
3	☐			4103458.86		A	1.3
4	☐			3933970.36		A	2.7
5	☐			4205446.41		A	1.6
6	☐			4638171.07		A	4.7
7	☐			5128505.45		A	4.3
8	☐			4550754.70		A	2.2

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			40603.94		P	1.6
2	☐			41456.57		P	0.3
3	☐			48018.06		P	1.0
4	☐			46192.61		P	2.5
5	☐			50141.69		P	1.5
6	☐			56749.27		P	1.2
7	☐			68733.17		P	1.9
8	☐			57331.82		P	1.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24996.90	0.1364	P	0.7
2	☐	500.000	552.870	130671.10	0.7372	P	6.3
3	☐	5000.000	5541.000	1128391.89	6.1581	A	3.3
4	☐	12500.000	13523.577	2697684.65	14.8331	A	0.3
5	☐	25000.000	27151.318	5349761.40	29.6430	A	4.1
6	☐	50000.000	54922.767	10789787.65	59.8235	A	3.6
7	☐	100000.00	106556.46	21505651.70	115.9362	A	1.1
8	☐	500000.00	498057.81	99367205.70	541.3986	A	0.2

$$y = 0.0011 * x + 0.1364$$

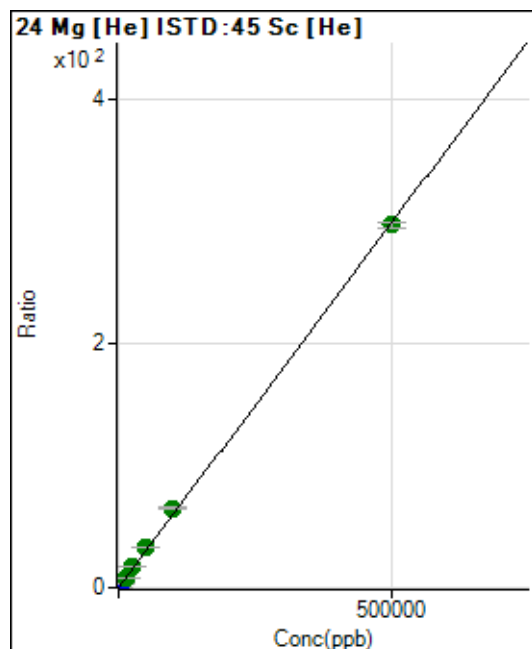
$$R = 0.9999$$

$$DL = 2.819$$

$$BEC = 125.5$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	291.67	0.0016	P	19.8
2	☐	500.000	551.990	58621.55	0.3307	P	6.1
3	☐	5000.000	5603.387	612517.52	3.3427	P	2.9
4	☐	12500.000	14226.287	1542988.81	8.4841	A	2.6
5	☐	25000.000	28380.874	3054512.11	16.9239	A	3.3
6	☐	50000.000	55022.183	5916859.16	32.8090	A	3.3
7	☐	100000.00	109375.42	12099450.88	65.2176	A	2.0
8	☐	500000.00	497404.41	54426780.38	296.5831	A	1.6

$$y = 5.9626\text{E-}004 * x + 0.0016$$

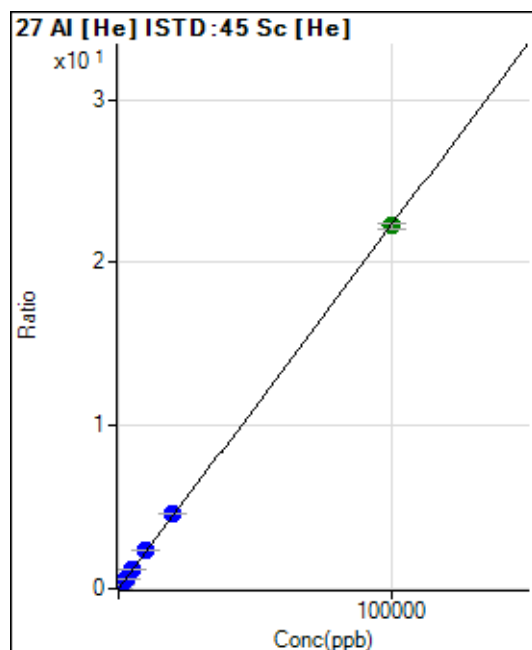
$$R = 0.9998$$

$$DL = 1.59$$

$$BEC = 2.673$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.66	0.0004	P	14.2
2	☐	20.000	21.626	919.50	0.0052	P	4.4
3	☐	1000.000	1089.324	44580.16	0.2433	P	1.9
4	☐	2500.000	2678.299	108702.12	0.5976	P	1.6
5	☐	5000.000	5349.506	215372.34	1.1933	P	2.1
6	☐	10000.000	10745.373	432271.85	2.3965	P	1.4
7	☐	20000.000	20623.200	853226.38	4.5992	P	1.3
8	☐	100000.00	99777.996	4083148.05	22.2502	A	1.7

$$y = 2.2299\text{E-}004 * x + 3.6332\text{E-}004$$

$$R = 1.0000$$

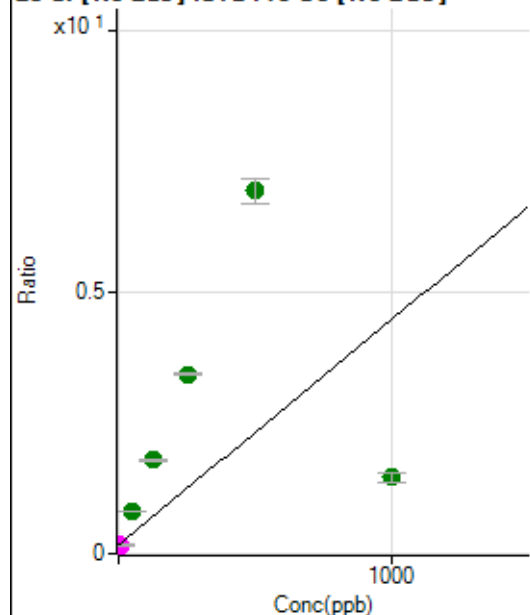
$$DL = 0.6919$$

$$BEC = 1.629$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	855343.86	0.1675	M	9.1
2	☐	10.000	-0.536	893801.70	0.1652	M	1.7
3	☐	50.000	150.287	4535251.49	0.8153	A	2.6
4	☐	125.000	375.043	9908112.64	1.7842	A	1.4
5	☐	250.000	758.346	18901370.56	3.4366	A	1.1
6	☐	500.000	1571.077	36548196.30	6.9401	A	7.1
7	☐	1000.000	301.211	8275207.30	1.4659	A	12.6
8	☐			1869969.68	0.3398	A	5.1

$$y = 0.0043 * x + 0.1675$$

$$R = 0.3753$$

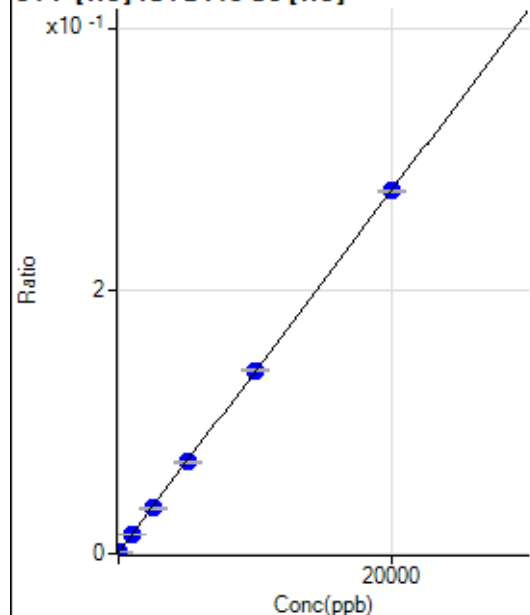
$$DL = 10.59$$

$$BEC = 38.85$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-16.228	169.45	0.0009	P	51.2
2	☐	0.000	16.228	244.46	0.0014	P	13.2
3	☐	1000.000	991.011	2711.44	0.0148	P	1.6
4	☐	2500.000	2437.050	6315.41	0.0347	P	3.3
5	☐	5000.000	4985.607	12597.39	0.0698	P	1.6
6	☐	10000.000	10045.340	25158.55	0.1395	P	0.9
7	☐	20000.000	19989.246	51271.97	0.2764	P	0.3
8	☐			208.34	0.0011	P	7.1

$$y = 1.3769E-005 * x + 0.0012$$

$$R = 1.0000$$

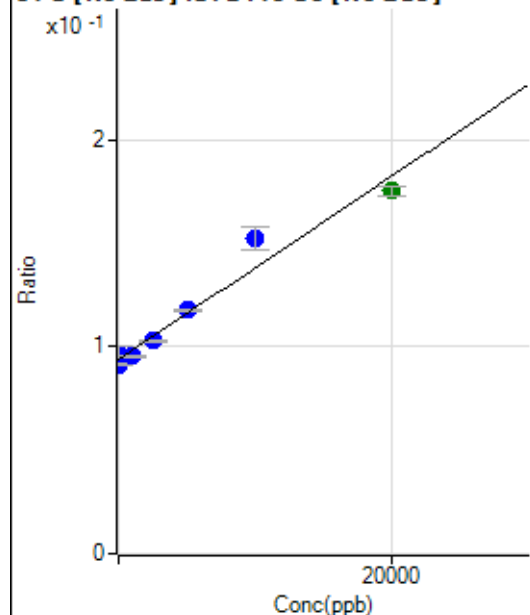
$$DL = 71.46$$

$$BEC = 83.57$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	555.800	492230.60	0.0963	P	8.4
2	☐	0.000	-555.800	494765.87	0.0914	P	1.0
3	☐	1000.000	315.642	530052.33	0.0953	P	1.0
4	☐	2500.000	2025.558	571075.10	0.1028	P	0.9
5	☐	5000.000	5354.625	646627.48	0.1176	P	1.2
6	☐	10000.000	13240.324	802745.60	0.1524	P	7.3
7	☐	20000.000	18384.705	989864.75	0.1752	A	2.5
8	☐			437390.47	0.0795	P	1.5

$$y = 4.4226\text{E-}006 * x + 0.0939$$

$$R = 0.9777$$

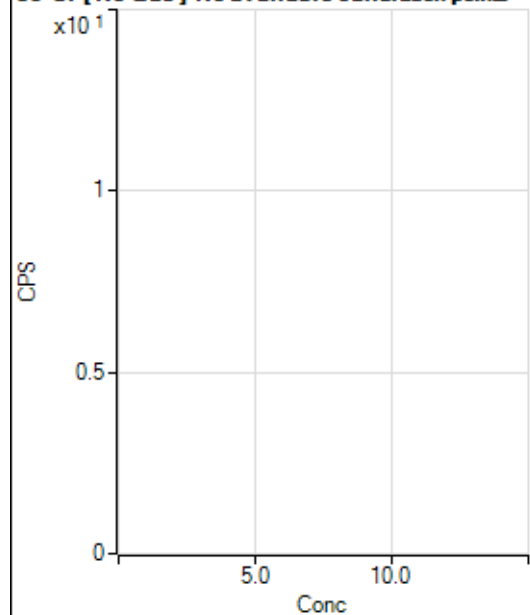
$$DL = 3052$$

$$BEC = 2.123\text{E}+04$$

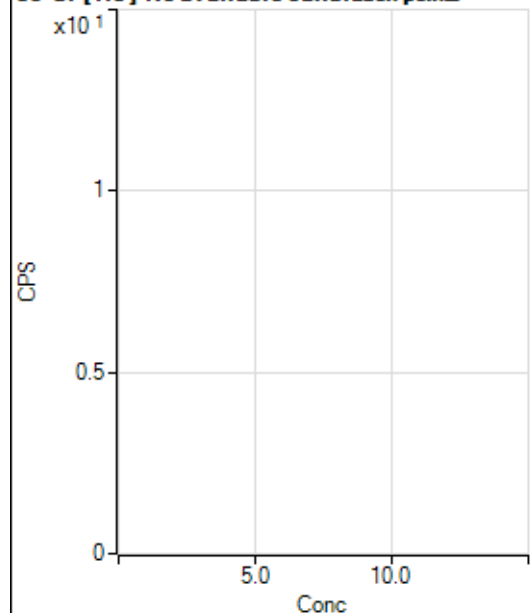
Weight: <None>

Min Conc: 0

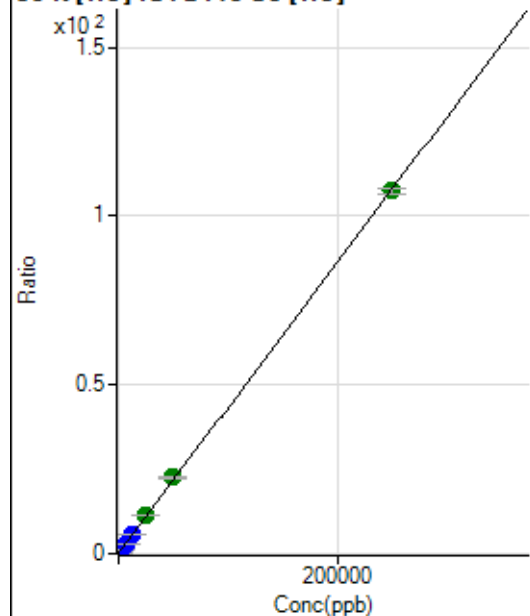
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			133921.38		P	0.4
2	☐			139661.24		P	0.7
3	☐			148638.39		P	0.5
4	☐			154229.50		P	0.8
5	☐			161097.86		P	0.6
6	☐			163836.56		P	0.7
7	☐			157000.15		P	0.4
8	☐			169040.49		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			897.27		P	4.6
2	☐			897.28		P	7.6
3	☐			950.06		P	14.5
4	☐			991.73		P	9.7
5	☐			947.28		P	13.7
6	☐			986.17		P	7.6
7	☐			944.50		P	3.3
8	☐			1141.74		P	5.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	28292.11	0.1544	P	3.2
2	☐	500.000	525.422	67491.62	0.3805	P	3.0
3	☐	2500.000	2617.995	234759.44	1.2811	P	1.4
4	☐	6250.000	6376.110	527051.93	2.8984	P	1.8
5	☐	12500.000	12875.135	1027939.11	5.6952	P	1.5
6	☐	25000.000	26072.854	2051517.80	11.3749	A	2.5
7	☐	50000.000	52151.140	4192629.95	22.5977	A	1.2
8	☐	250000.00	249439.34	19727862.59	107.5010	A	1.5

$$y = 4.3035E-004 * x + 0.1544$$

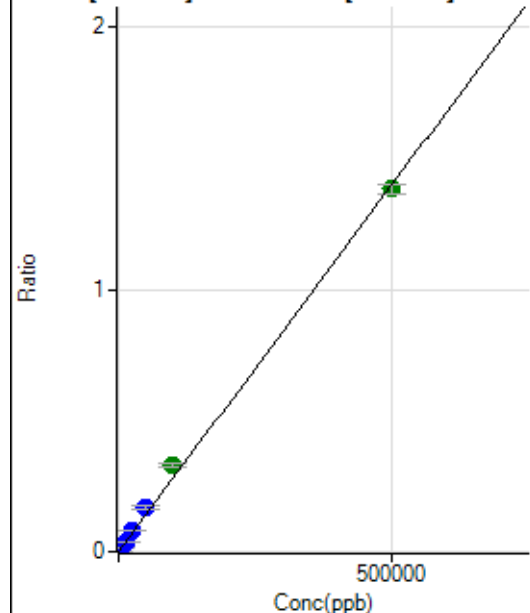
$$R = 1.0000$$

$$DL = 34.4$$

$$BEC = 358.8$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.74	0.0000	P	22.7
2	☐	500.000	529.098	8102.11	0.0015	P	2.0
3	☐	5000.000	5763.694	89716.96	0.0161	P	1.4
4	☐	12500.000	14352.241	222853.44	0.0401	P	0.7
5	☐	25000.000	28958.697	445302.89	0.0810	P	0.1
6	☐	50000.000	61107.419	899457.52	0.1708	P	7.3
7	☐	100000.00	117746.43	1859680.90	0.3291	A	2.9
8	☐	500000.00	495088.06	7613447.97	1.3838	A	2.5

$$y = 2.7951\text{E-}006 * x + 1.8488\text{E-}005$$

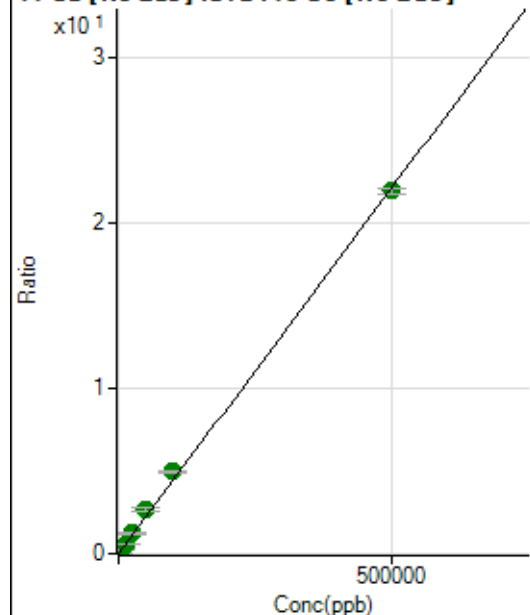
$$R = 0.9992$$

$$DL = 4.495$$

$$BEC = 6.614$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12238.64	0.0024	P	8.6
2	☐	500.000	534.640	140657.58	0.0260	P	1.3
3	☐	5000.000	5580.467	1383376.26	0.2487	A	2.8
4	☐	12500.000	14021.260	3450321.20	0.6213	A	2.7
5	☐	25000.000	27763.656	6753473.17	1.2278	A	1.4
6	☐	50000.000	60489.218	14074587.92	2.6723	A	6.8
7	☐	100000.00	111944.53	27931527.72	4.9434	A	2.5
8	☐	500000.00	496380.11	120546817.3	21.9115	A	1.7

$$y = 4.4138\text{E-}005 * x + 0.0024$$

$$R = 0.9995$$

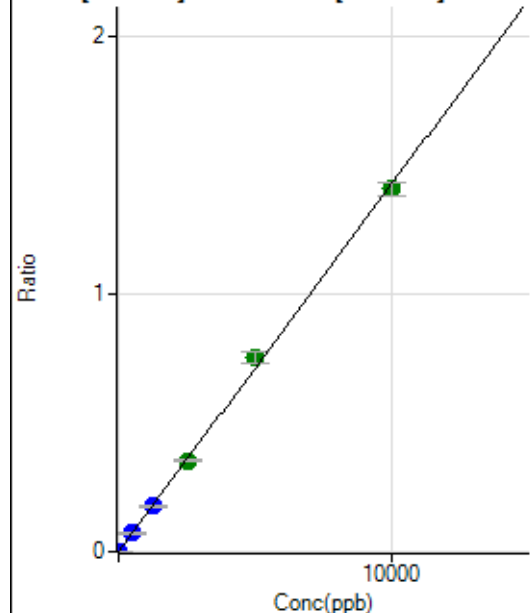
$$DL = 14.07$$

$$BEC = 54.28$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	100.00	0.0000	P	18.6
2	☐	5.000	4.911	3900.66	0.0007	P	6.4
3	☐	500.000	497.144	395104.10	0.0710	P	2.5
4	☐	1250.000	1234.915	979662.77	0.1764	P	1.7
5	☐	2500.000	2483.162	1951006.60	0.3547	A	1.2
6	☐	5000.000	5267.213	3964368.49	0.7524	A	6.1
7	☐	10000.000	9872.631	7966962.24	1.4102	A	4.0
8	☐			1033.39	0.0002	P	10.8

$$y = 1.4284\text{E-}004 * x + 1.9332\text{E-}005$$

$$R = 0.9995$$

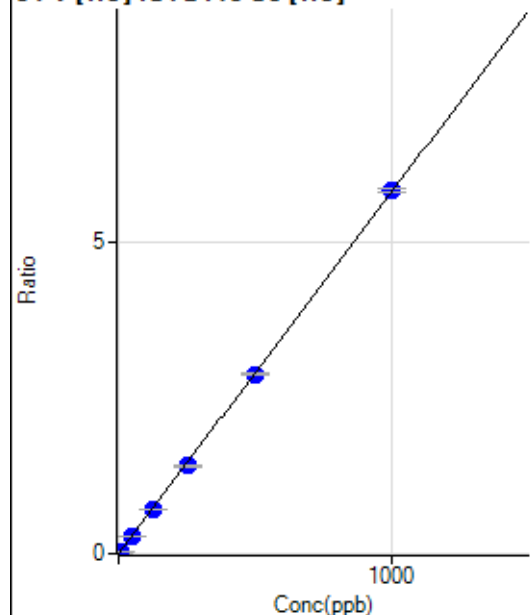
$$DL = 0.07553$$

$$BEC = 0.1353$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	5.000	5.123	5264.36	0.0297	P	6.2
3	☐	50.000	48.816	51828.04	0.2829	P	4.2
4	☐	125.000	121.885	128460.03	0.7062	P	1.3
5	☐	250.000	243.255	254372.79	1.4094	P	2.6
6	☐	500.000	497.287	519730.56	2.8812	P	1.5
7	☐	1000.000	1003.490	1078659.54	5.8141	P	1.2
8	☐			488.92	0.0027	P	53.0

$$y = 0.0058 * x + 1.8308\text{E-}005$$

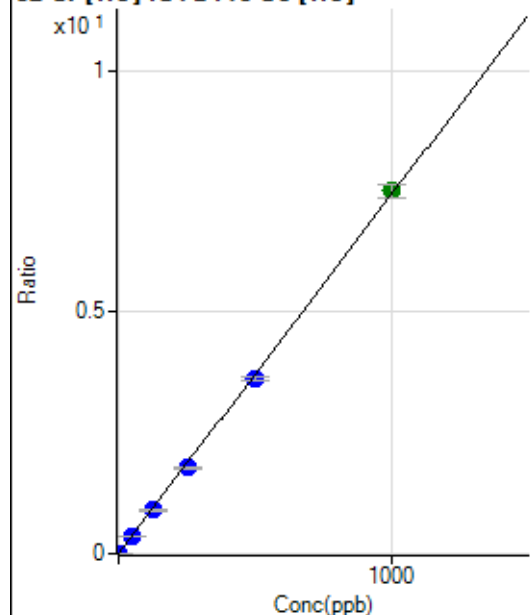
$$R = 1.0000$$

$$DL = 0.009545$$

$$BEC = 0.00316$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	587.80	0.0032	P	6.4
2	☐	2.000	1.940	3122.60	0.0176	P	6.0
3	☐	50.000	48.578	66706.04	0.3640	P	3.4
4	☐	125.000	120.224	163042.26	0.8962	P	1.8
5	☐	250.000	238.923	320883.79	1.7779	P	2.4
6	☐	500.000	486.346	652274.79	3.6157	P	2.0
7	☐	1000.000	1010.264	1392941.00	7.5073	A	3.5
8	☐			10228.30	0.0557	P	8.0

$$y = 0.0074 * x + 0.0032$$

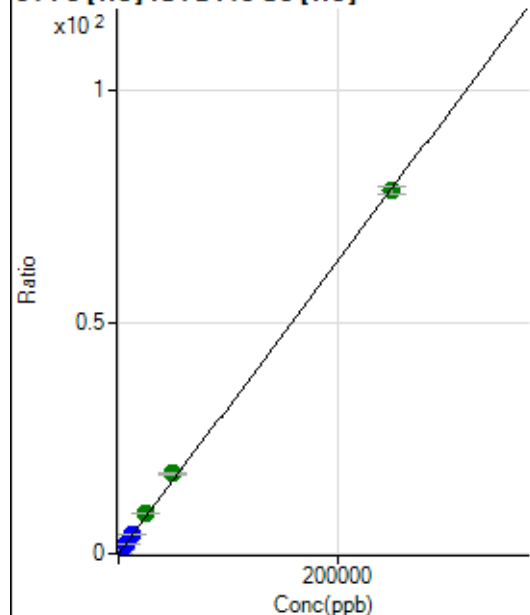
$$R = 0.9998$$

$$DL = 0.08267$$

$$BEC = 0.4319$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	611.14	0.0033	P	12.4
2	☐	50.000	55.592	3698.69	0.0209	P	5.9
3	☐	2500.000	2654.472	153932.46	0.8401	P	4.2
4	☐	6250.000	6591.407	378552.84	2.0811	P	1.0
5	☐	12500.000	13230.286	753333.52	4.1739	P	3.0
6	☐	25000.000	27860.285	1584736.28	8.7856	A	2.0
7	☐	50000.000	54722.045	3200659.13	17.2531	A	2.3
8	☐	250000.00	248722.96	14388836.66	78.4070	A	2.0

$$y = 3.1522E-004 * x + 0.0033$$

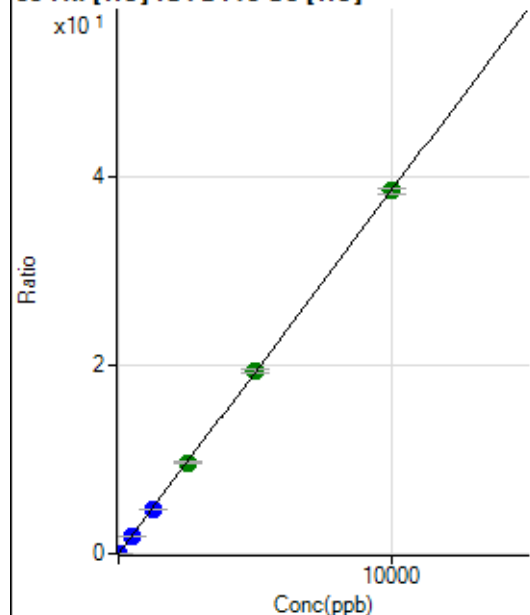
$$R = 0.9998$$

$$DL = 3.923$$

$$BEC = 10.58$$

Weight: <None>

Min Conc: 0

55 Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	40.00	0.0002	P	13.4
2	☐	1.000	1.053	758.92	0.0043	P	8.2
3	☐	500.000	488.624	345684.85	1.8865	P	2.7
4	☐	1250.000	1215.088	853287.27	4.6909	P	0.9
5	☐	2500.000	2511.588	1750071.62	9.6959	A	3.0
6	☐	5000.000	5030.904	3502368.98	19.4213	A	2.7
7	☐	10000.000	9986.584	7151445.31	38.5520	A	1.4
8	☐			5596.28	0.0304	P	75.1

$$y = 0.0039 * x + 2.1802E-004$$

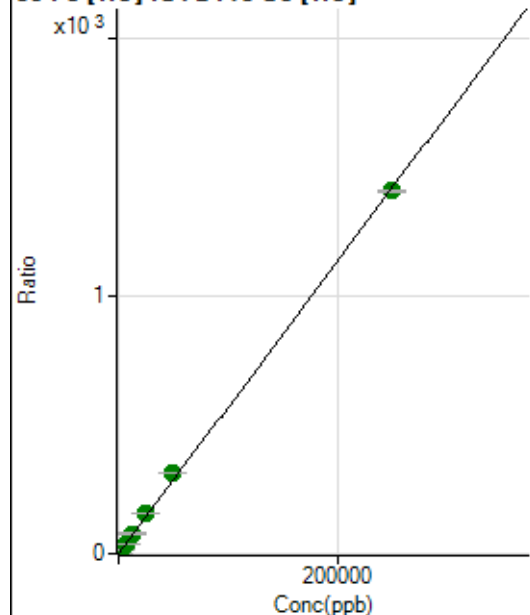
$$R = 1.0000$$

$$DL = 0.02275$$

$$BEC = 0.05648$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2353.94	0.0128	P	2.6
2	☐	50.000	54.168	56584.44	0.3191	P	4.6
3	☐	2500.000	2762.989	2865044.68	15.6354	A	2.9
4	☐	6250.000	6810.083	7007114.04	38.5185	A	1.3
5	☐	12500.000	13637.581	13919530.52	77.1226	A	3.9
6	☐	25000.000	27565.795	28111465.45	155.8755	A	2.3
7	☐	50000.000	55541.911	58255142.51	314.0583	A	1.2
8	☐	250000.00	248561.52	257957655.7	1,405.431	A	0.4

$$y = 0.0057 * x + 0.0128$$

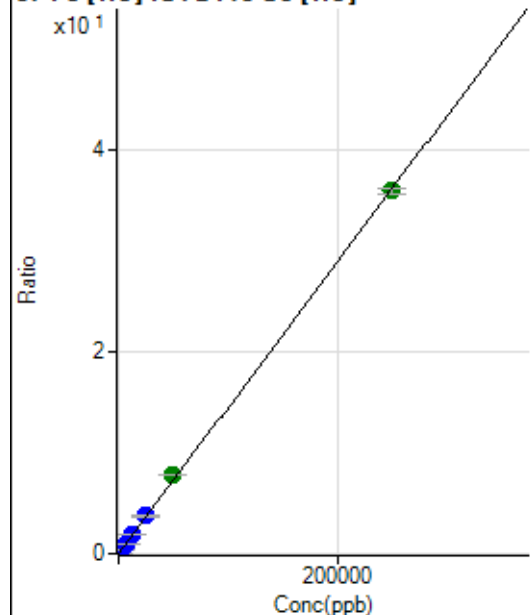
$$R = 0.9997$$

$$DL = 0.1745$$

$$BEC = 2.272$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	157.41	0.0009	P	18.6
2	☐	50.000	51.009	1453.80	0.0082	P	10.3
3	☐	2500.000	2608.738	68983.43	0.3765	P	4.6
4	☐	6250.000	6437.189	168752.94	0.9277	P	0.9
5	☐	12500.000	12897.750	335330.92	1.8580	P	3.1
6	☐	25000.000	25802.271	670327.84	3.7161	P	2.5
7	☐	50000.000	54314.149	1450803.01	7.8215	A	1.2
8	☐	250000.00	249031.28	6580301.65	35.8587	A	1.9

$$y = 1.4399\text{E-}004 * x + 8.5789\text{E-}004$$

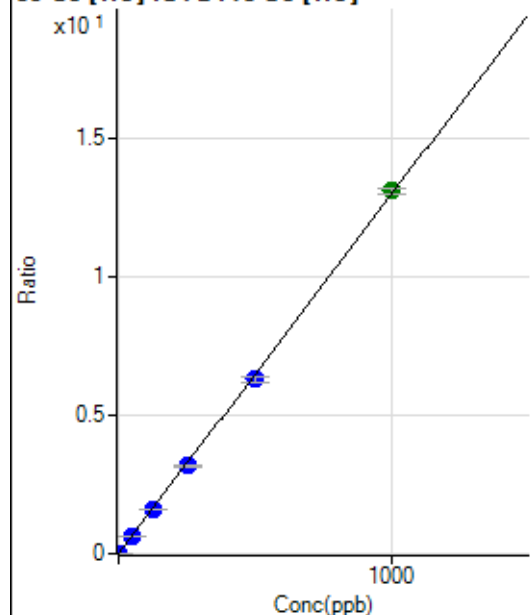
R = 0.9998

DL = 3.319

BEC = 5.958

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.89	0.0003	P	13.3
2	☐	1.000	1.026	2415.78	0.0136	P	5.4
3	☐	50.000	48.840	116108.62	0.6336	P	2.8
4	☐	125.000	120.635	284567.88	1.5646	P	0.1
5	☐	250.000	243.791	570617.31	3.1616	P	2.3
6	☐	500.000	485.810	1136473.90	6.2998	P	3.5
7	☐	1000.000	1009.251	2428193.96	13.0873	A	1.3
8	☐			3096.49	0.0168	P	61.4

$$y = 0.0130 * x + 3.2104\text{E-}004$$

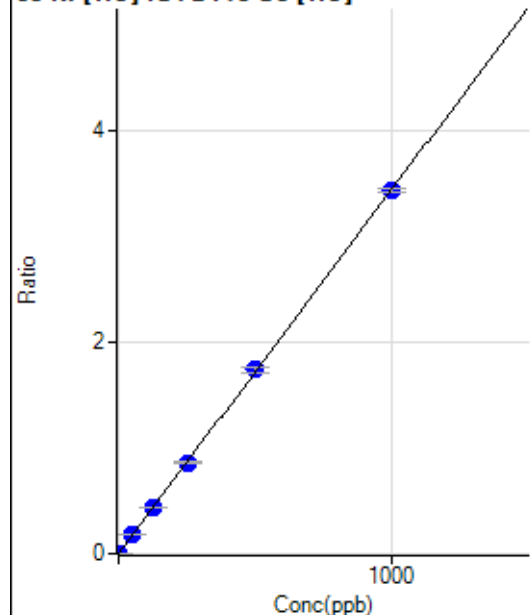
R = 0.9998

DL = 0.009889

BEC = 0.02476

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	21.11	0.0001	P	33.0
2	☐	1.000	0.982	621.13	0.0035	P	4.5
3	☐	50.000	51.068	32263.27	0.1761	P	0.4
4	☐	125.000	126.910	79532.16	0.4373	P	0.6
5	☐	250.000	250.626	155858.22	0.8635	P	2.9
6	☐	500.000	505.294	314023.19	1.7409	P	2.6
7	☐	1000.000	996.904	637114.66	3.4346	P	1.1
8	☐			1680.36	0.0092	P	28.2

$$y = 0.0034 * x + 1.1527E-004$$

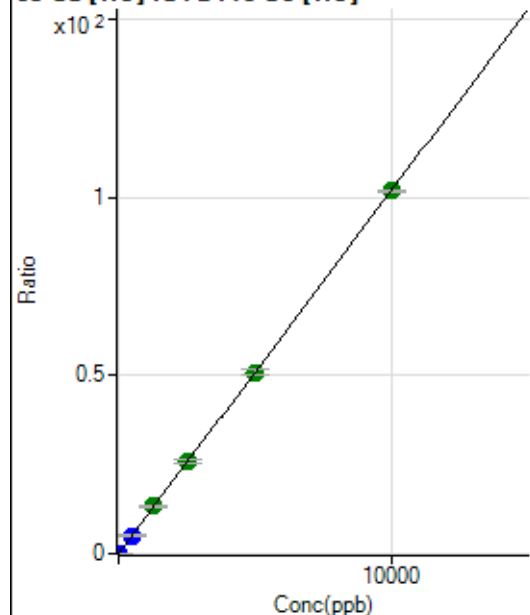
$$R = 1.0000$$

$$DL = 0.03315$$

$$BEC = 0.03346$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	510.02	0.0028	P	4.6
2	☐	2.000	2.091	4268.46	0.0241	P	6.6
3	☐	500.000	499.182	932188.30	5.0872	P	2.7
4	☐	1250.000	1296.999	2402612.98	13.2132	A	1.5
5	☐	2500.000	2533.654	4658072.19	25.8091	A	2.7
6	☐	5000.000	4997.632	9182010.91	50.9057	A	3.2
7	☐	10000.000	9986.936	18870716.39	101.7238	A	0.8
8	☐			14391.14	0.0782	P	132.

$$y = 0.0102 * x + 0.0028$$

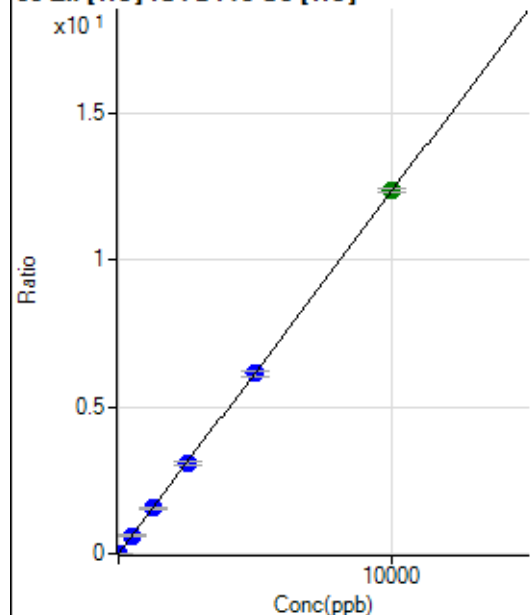
$$R = 1.0000$$

$$DL = 0.03742$$

$$BEC = 0.2732$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	67.78	0.0004	P	39.1
2	☐	2.000	2.326	575.57	0.0032	P	8.3
3	☐	500.000	502.661	113712.07	0.6206	P	2.7
4	☐	1250.000	1252.516	281100.83	1.5457	P	0.9
5	☐	2500.000	2496.720	556035.09	3.0808	P	3.4
6	☐	5000.000	4969.187	1106032.38	6.1313	P	2.6
7	☐	10000.000	10015.779	2292298.07	12.3578	A	1.1
8	☐			2779.69	0.0151	P	79.3

$$y = 0.0012 * x + 3.6899E-004$$

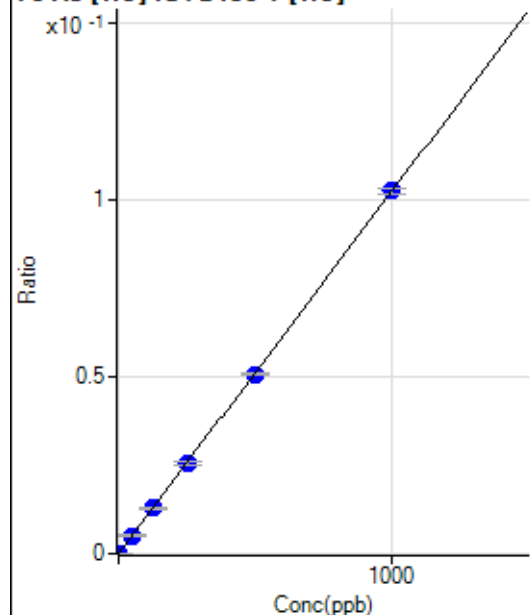
$$R = 1.0000$$

$$DL = 0.3504$$

$$BEC = 0.2991$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.33	0.0000	P	173.
2	☐	1.000	0.999	128.68	0.0001	P	3.5
3	☐	50.000	49.883	6521.17	0.0051	P	2.6
4	☐	125.000	125.078	16217.92	0.0128	P	3.3
5	☐	250.000	249.431	32289.31	0.0255	P	2.4
6	☐	500.000	495.439	64670.01	0.0506	P	0.7
7	☐	1000.000	1002.419	133779.14	0.1024	P	1.6
8	☐			98.02	0.0001	P	122.

$$y = 1.0219E-004 * x + 1.0373E-006$$

$$R = 1.0000$$

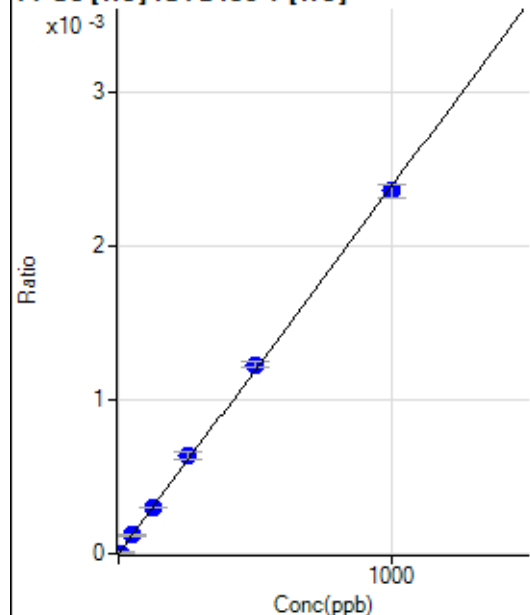
$$DL = 0.05274$$

$$BEC = 0.01015$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	5.000	2.563	7.78	0.0000	P	137.
3	☐	50.000	50.168	153.34	0.0001	P	7.8
4	☐	125.000	125.684	381.12	0.0003	P	3.3
5	☐	250.000	268.292	812.25	0.0006	P	8.0
6	☐	500.000	514.389	1570.10	0.0012	P	2.8
7	☐	1000.000	988.151	3084.82	0.0024	P	4.0
8	☐			2.22	0.0000	P	86.6

$$y = 2.3897\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

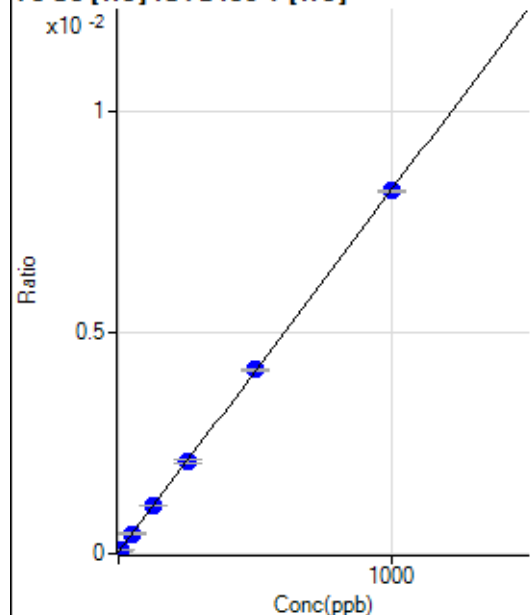
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	47.34	0.0000	P	21.4
2	☐	5.000	5.888	106.34	0.0001	P	6.7
3	☐	50.000	50.796	578.74	0.0005	P	4.5
4	☐	125.000	128.830	1383.88	0.0011	P	0.4
5	☐	250.000	250.328	2640.18	0.0021	P	2.8
6	☐	500.000	503.280	5304.87	0.0042	P	1.6
7	☐	1000.000	997.755	10704.82	0.0082	P	0.8
8	☐			65.68	0.0001	P	5.3

$$y = 8.1779\text{E-}006 * x + 3.7103\text{E-}005$$

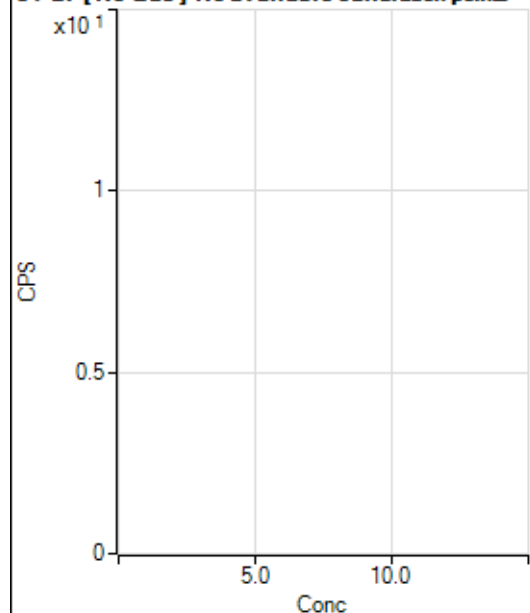
$$R = 1.0000$$

$$DL = 2.909$$

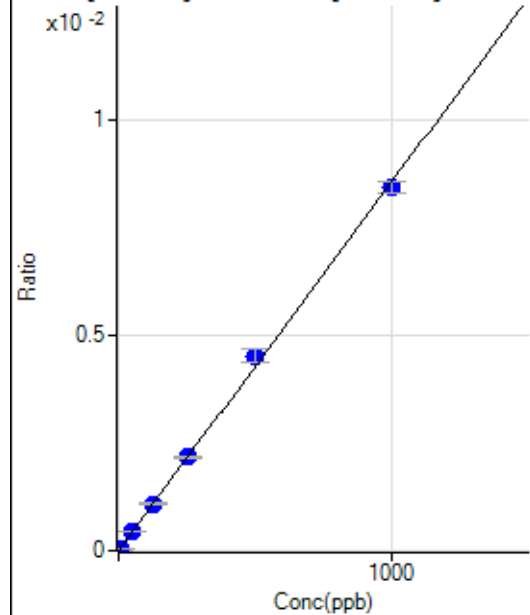
$$BEC = 4.537$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27358.03		P	2.5
2	☐			26726.37		P	2.2
3	☐			27475.04		P	3.0
4	☐			27371.96		P	0.3
5	☐			27739.36		P	0.1
6	☐			27942.53		P	6.5
7	☐			29159.12		P	3.3
8	☐			28894.58		P	0.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.58	0.0000	P	250.
2	☐	5.000	5.169	509.54	0.0000	P	9.5
3	☐	50.000	51.852	5192.93	0.0004	P	1.4
4	☐	125.000	126.511	12514.29	0.0011	P	2.5
5	☐	250.000	254.072	25188.22	0.0022	P	2.7
6	☐	500.000	528.496	50426.84	0.0045	P	7.4
7	☐	1000.000	984.452	101379.73	0.0084	P	3.1
8	☐			100.82	0.0000	P	22.2

$$y = 8.5621\text{E-}006 * x + 4.6411\text{E-}007$$

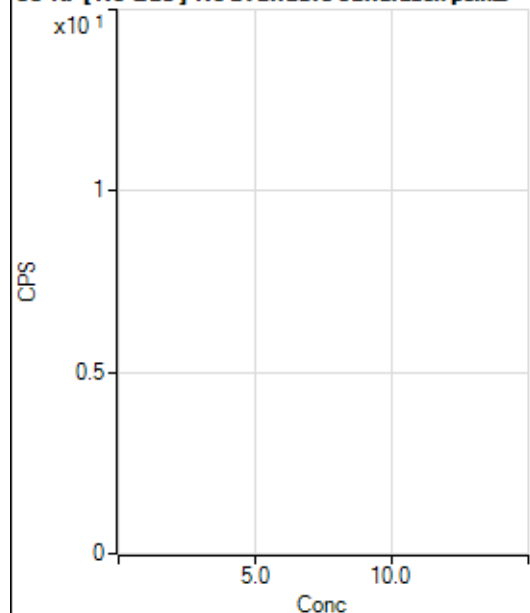
$$R = 0.9994$$

$$DL = 0.4068$$

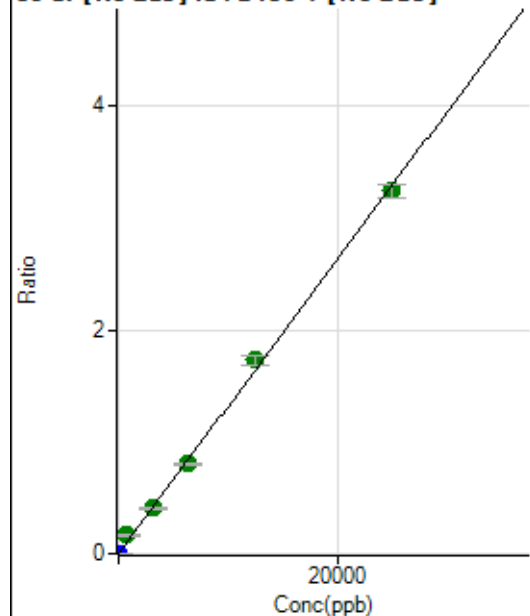
$$BEC = 0.05421$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			296.22		P	8.6
2	☐			285.80		P	3.1
3	☐			292.89		P	5.9
4	☐			294.55		P	5.8
5	☐			288.72		P	7.6
6	☐			299.97		P	10.9
7	☐			298.72		P	5.8
8	☐			289.97		P	2.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	552.80	0.0001	P	8.6
2	☐	1.000	1.004	2086.33	0.0002	P	7.9
3	☐	625.000	1245.123	1912691.78	0.1637	A	1.9
4	☐	3125.000	3084.348	4682537.65	0.4054	A	1.2
5	☐	6250.000	6138.343	9340775.56	0.8068	A	1.9
6	☐	12500.000	13156.309	19285455.82	1.7292	A	5.6
7	☐	25000.000	24689.338	39023925.87	3.2450	A	3.7
8	☐			10020.55	0.0009	P	8.2

$$y = 1.3143E-004 * x + 5.1102E-005$$

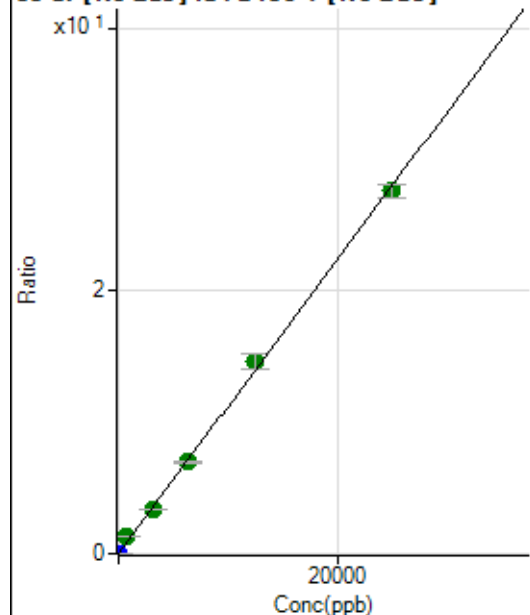
$$R = 0.9992$$

$$DL = 0.1008$$

$$BEC = 0.3888$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	52.8
2	☐	1.000	0.993	12800.66	0.0011	P	2.2
3	☐	625.000	1226.248	16012968.59	1.3704	A	0.8
4	☐	3125.000	3048.577	39349177.96	3.4070	A	1.2
5	☐	6250.000	6233.615	80661020.55	6.9665	A	0.9
6	☐	12500.000	13095.270	163075742.5	14.6348	A	7.3
7	☐	25000.000	24700.983	331969360.2	27.6050	A	3.8
8	☐			83917.22	0.0074	P	8.1

$$y = 0.0011 * x + 1.3668E-005$$

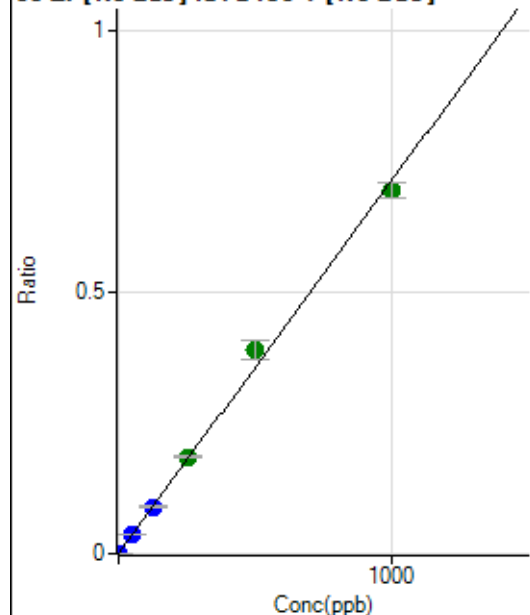
$$R = 0.9993$$

$$DL = 0.01936$$

$$BEC = 0.01223$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	402.80	0.0000	P	16.0
2	☐	1.000	0.988	8455.57	0.0007	P	2.6
3	☐	50.000	50.129	417812.27	0.0358	P	2.2
4	☐	125.000	125.195	1030659.72	0.0892	P	2.0
5	☐	250.000	260.028	2145510.12	0.1853	A	1.9
6	☐	500.000	548.568	4351683.13	0.3909	A	9.3
7	☐	1000.000	973.178	8338750.36	0.6935	A	4.4
8	☐			2072.45	0.0002	P	16.8

$$y = 7.1254E-004 * x + 3.7566E-005$$

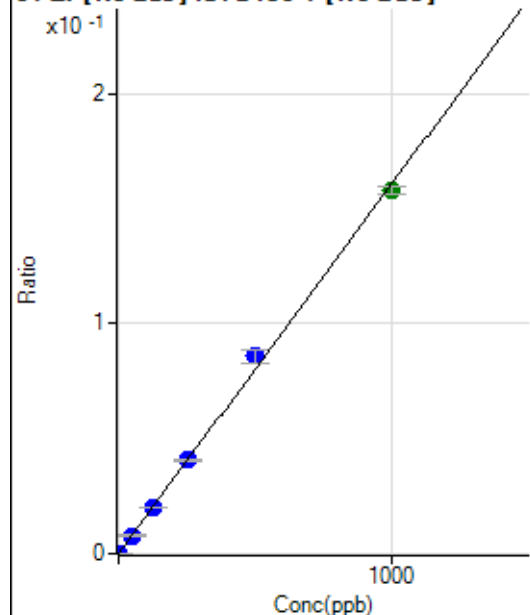
$$R = 0.9981$$

$$DL = 0.02532$$

$$BEC = 0.05272$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	97.23	0.0000	P	38.1
2	☐	1.000	0.986	1908.53	0.0002	P	2.1
3	☐	50.000	49.311	92705.60	0.0079	P	0.5
4	☐	125.000	124.125	230487.79	0.0200	P	1.9
5	☐	250.000	252.623	470140.17	0.0406	P	1.6
6	☐	500.000	534.429	957157.43	0.0859	P	7.3
7	☐	1000.000	982.274	1898954.32	0.1579	A	2.2
8	☐			369.46	0.0000	P	32.5

$$y = 1.6071\text{E-}004 * x + 9.0011\text{E-}006$$

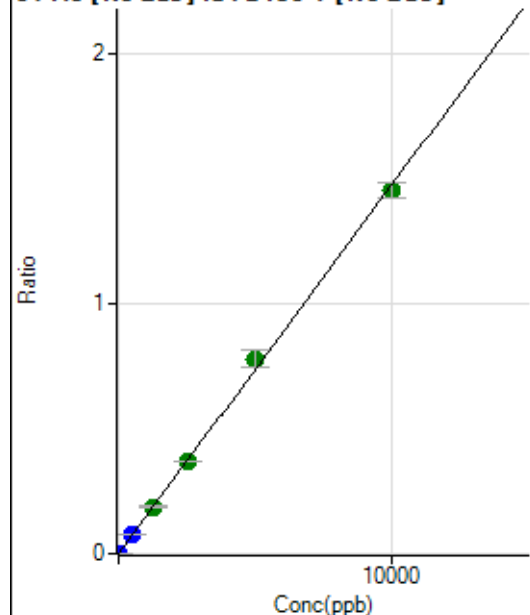
$$R = 0.9991$$

$$DL = 0.06404$$

$$BEC = 0.05601$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	28.2
2	☐	5.000	5.684	9661.92	0.0008	P	3.8
3	☐	500.000	497.168	855248.38	0.0732	P	0.5
4	☐	1250.000	1275.599	2168454.30	0.1878	A	2.6
5	☐	2500.000	2504.710	4268694.89	0.3687	A	1.1
6	☐	5000.000	5296.048	8679637.17	0.7795	A	8.9
7	☐	10000.000	9847.740	17430642.41	1.4495	A	4.2
8	☐			3839.54	0.0003	P	16.6

$$y = 1.4719\text{E-}004 * x + 1.1183\text{E-}005$$

$$R = 0.9993$$

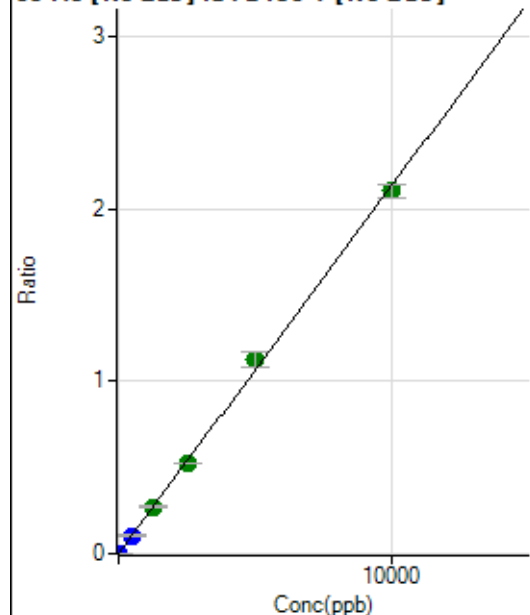
$$DL = 0.06422$$

$$BEC = 0.07598$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	11.11	0.0000	P	40.0
2	☐	5.000	4.860	11835.95	0.0010	P	0.3
3	☐	500.000	496.058	1237079.57	0.1059	P	2.1
4	☐	1250.000	1272.400	3136278.17	0.2716	A	2.2
5	☐	2500.000	2479.767	6128597.36	0.5293	A	0.2
6	☐	5000.000	5274.787	12540547.93	1.1258	A	8.0
7	☐	10000.000	9865.062	25320419.31	2.1055	A	3.8
8	☐			4439.74	0.0004	P	17.0

$$y = 2.1343\text{E-}004 * x + 1.0238\text{E-}006$$

$$R = 0.9994$$

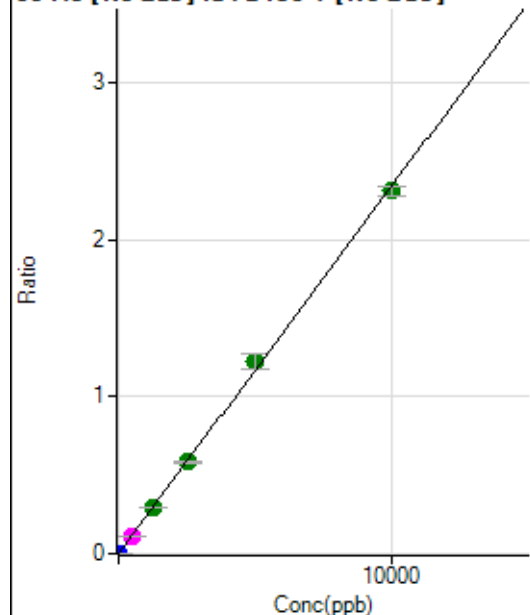
$$DL = 0.00576$$

$$BEC = 0.004797$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0000	P	25.5
2	☐	5.000	4.941	13248.36	0.0012	P	3.8
3	☐	500.000	491.128	1341803.75	0.1148	M	2.3
4	☐	1250.000	1260.774	3404487.71	0.2948	A	2.6
5	☐	2500.000	2488.655	6738191.17	0.5819	A	1.0
6	☐	5000.000	5250.258	13675261.77	1.2276	A	7.9
7	☐	10000.000	9876.804	27777340.90	2.3094	A	2.4
8	☐			9492.45	0.0008	P	8.4

$$y = 2.3382\text{E-}004 * x + 7.2169\text{E-}006$$

$$R = 0.9995$$

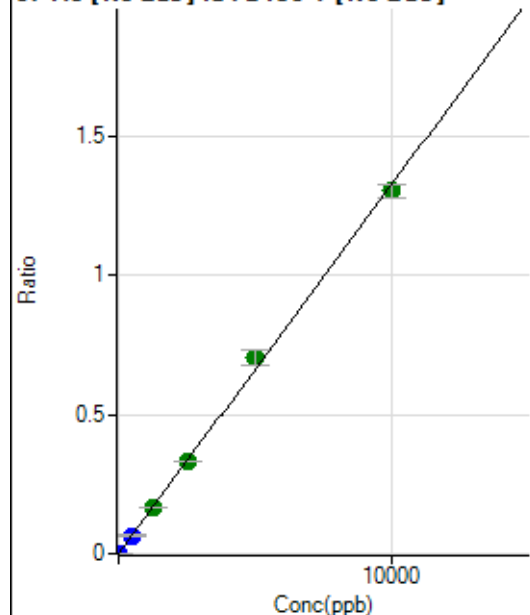
$$DL = 0.02365$$

$$BEC = 0.03086$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	56.5
2	☐	5.000	4.959	7518.93	0.0007	P	5.1
3	☐	500.000	493.032	764706.72	0.0655	P	2.3
4	☐	1250.000	1253.140	1921121.25	0.1664	A	2.8
5	☐	2500.000	2500.065	3842862.11	0.3319	A	0.6
6	☐	5000.000	5332.476	7885438.55	0.7079	A	8.0
7	☐	10000.000	9833.702	15698248.61	1.3054	A	3.9
8	☐			3106.01	0.0003	P	16.5

$$y = 1.3275\text{E-}004 * x + 1.5841\text{E-}006$$

$$R = 0.9992$$

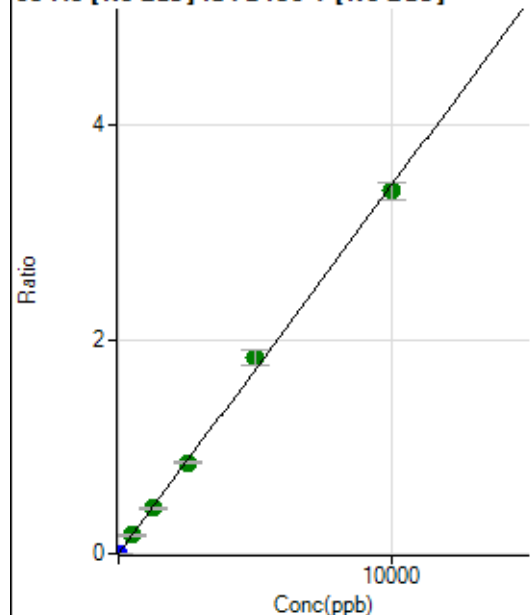
$$DL = 0.02022$$

$$BEC = 0.01193$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	44.45	0.0000	P	56.4
2	☐	5.000	4.709	18493.36	0.0016	P	4.4
3	☐	500.000	500.463	2009730.45	0.1720	A	2.7
4	☐	1250.000	1233.433	4896166.65	0.4239	A	1.8
5	☐	2500.000	2476.682	9854949.00	0.8512	A	1.9
6	☐	5000.000	5309.635	20328289.00	1.8249	A	8.1
7	☐	10000.000	9853.060	40722745.70	3.3865	A	4.5
8	☐			7621.75	0.0007	P	16.8

$$y = 3.4370\text{E-}004 * x + 4.1479\text{E-}006$$

$$R = 0.9993$$

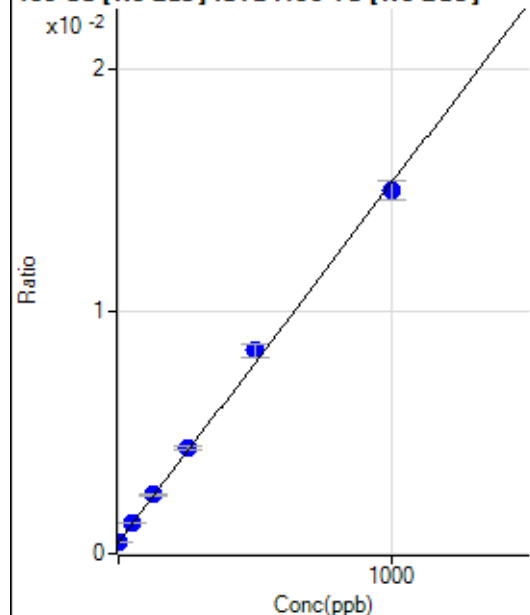
$$DL = 0.02042$$

$$BEC = 0.01207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3886.78	0.0005	P	3.9
2	☐	1.000	1.742	4259.14	0.0005	P	5.3
3	☐	50.000	54.156	10921.29	0.0013	P	3.6
4	☐	125.000	133.131	21300.35	0.0025	P	3.3
5	☐	250.000	261.894	38122.96	0.0044	P	2.3
6	☐	500.000	535.185	70441.56	0.0084	P	6.7
7	☐	1000.000	978.209	135371.78	0.0150	P	5.1
8	☐			4197.98	0.0005	P	3.1

$$y = 1.4841\text{E-}005 * x + 4.7466\text{E-}004$$

$$R = 0.9990$$

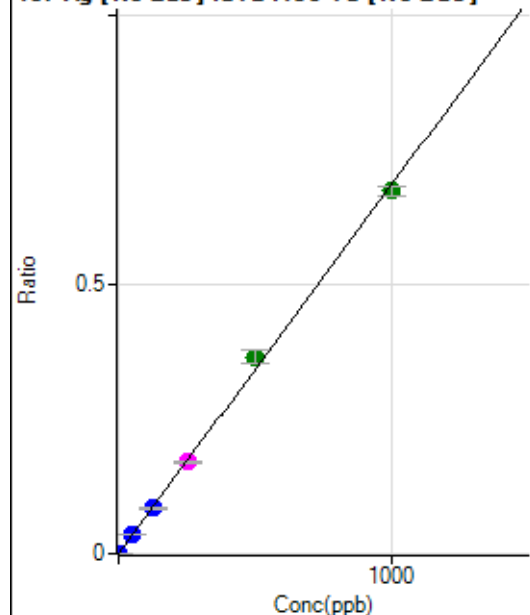
$$DL = 3.773$$

$$BEC = 31.98$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	18.0
2	☐	1.000	0.993	5845.85	0.0007	P	7.7
3	☐	50.000	50.669	296291.89	0.0347	P	1.7
4	☐	125.000	124.150	738432.25	0.0850	P	3.6
5	☐	250.000	249.464	1492020.74	0.1707	M	1.8
6	☐	500.000	532.920	3051959.38	0.3647	A	6.9
7	☐	1000.000	983.747	6079671.41	0.6732	A	2.9
8	☐			2347.50	0.0003	P	3.4

$$y = 6.8431\text{E-}004 * x + 8.5277\text{E-}006$$

$$R = 0.9992$$

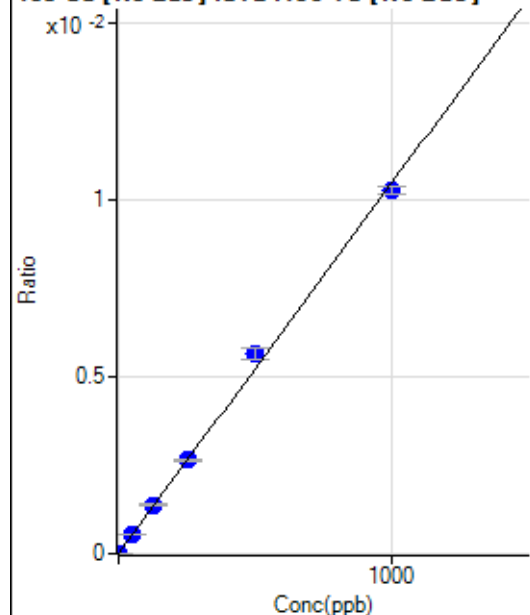
$$DL = 0.006741$$

$$BEC = 0.01246$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	20.83	0.0000	P	30.5
2	☐	1.000	1.164	125.00	0.0000	P	19.5
3	☐	50.000	51.698	4636.94	0.0005	P	2.7
4	☐	125.000	131.323	11955.30	0.0014	P	2.1
5	☐	250.000	251.787	23018.03	0.0026	P	2.3
6	☐	500.000	538.190	47099.68	0.0056	P	6.1
7	☐	1000.000	979.583	92478.63	0.0102	P	2.1
8	☐			66.67	0.0000	P	7.0

$$y = 1.0450\text{E-}005 * x + 2.5150\text{E-}006$$

$$R = 0.9989$$

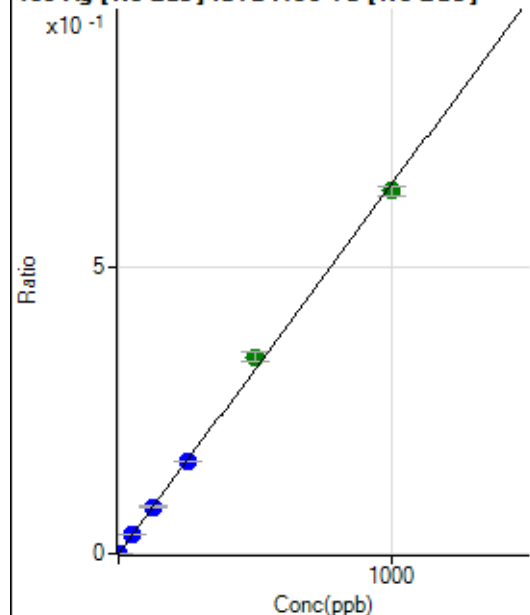
$$DL = 0.2199$$

$$BEC = 0.2407$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	42.6
2	☐	1.000	1.015	5573.51	0.0007	P	4.8
3	☐	50.000	52.232	286535.10	0.0335	P	3.1
4	☐	125.000	127.322	710585.06	0.0818	P	3.7
5	☐	250.000	249.471	1400093.43	0.1602	P	0.7
6	☐	500.000	533.856	2871572.29	0.3428	A	4.3
7	☐	1000.000	982.802	5699316.40	0.6311	A	2.5
8	☐			2194.68	0.0003	P	3.2

$$y = 6.4212\text{E-}004 * x + 3.7621\text{E-}006$$

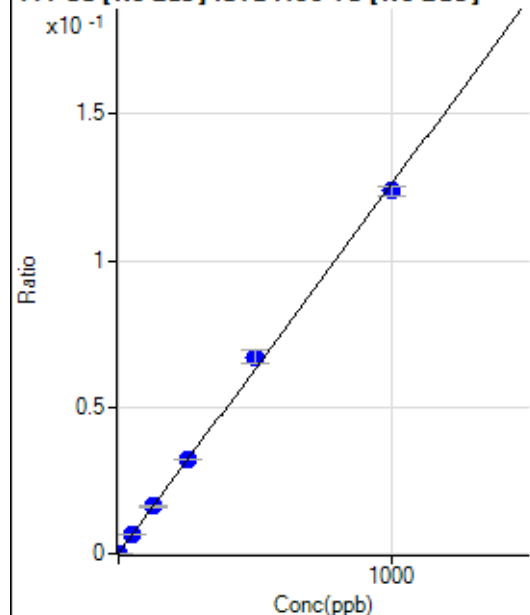
$$R = 0.9991$$

$$DL = 0.007493$$

$$BEC = 0.005859$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	379.65	0.0000	P	4.0
2	☐	1.000	1.132	1606.55	0.0002	P	2.7
3	☐	50.000	51.892	56237.58	0.0066	P	3.0
4	☐	125.000	127.805	140304.54	0.0161	P	4.2
5	☐	250.000	254.096	280171.57	0.0321	P	1.0
6	☐	500.000	533.144	562605.03	0.0672	P	6.0
7	☐	1000.000	981.959	1117632.79	0.1238	P	2.5
8	☐			773.14	0.0001	P	4.9

$$y = 1.2598\text{E-}004 * x + 4.6362\text{E-}005$$

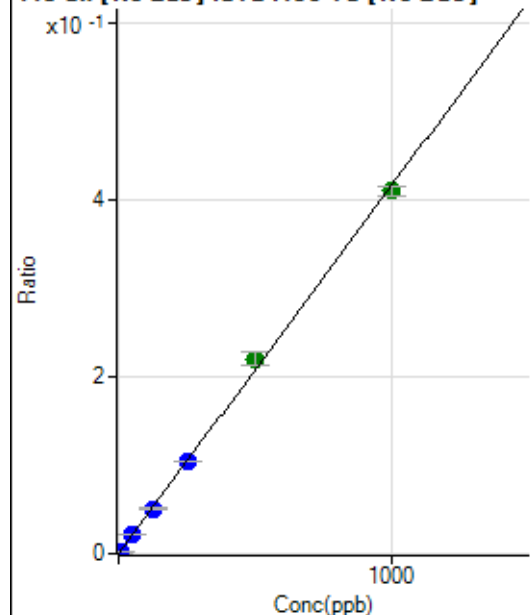
$$R = 0.9992$$

$$DL = 0.04411$$

$$BEC = 0.368$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	575.03	0.0001	P	11.2
2	☐	5.000	4.870	17792.52	0.0021	P	4.5
3	☐	50.000	50.461	179605.09	0.0210	P	3.2
4	☐	125.000	122.533	442946.17	0.0510	P	2.8
5	☐	250.000	248.946	904246.17	0.1035	P	0.4
6	☐	500.000	529.334	1840253.19	0.2199	A	6.7
7	☐	1000.000	985.883	3698316.66	0.4095	A	2.5
8	☐			2200.24	0.0003	P	8.0

$$y = 4.1530\text{E-}004 * x + 7.0404\text{E-}005$$

$$R = 0.9993$$

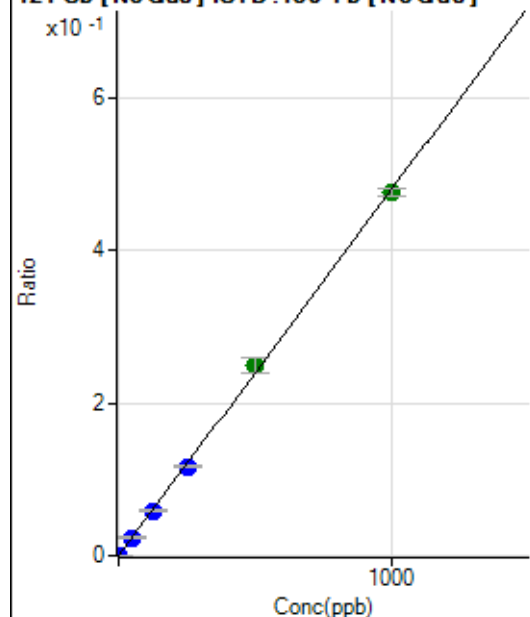
$$DL = 0.05677$$

$$BEC = 0.1695$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	19.44	0.0000	P	88.8
2	☐	2.000	2.041	8355.56	0.0010	P	0.9
3	☐	50.000	49.272	202128.50	0.0237	P	2.9
4	☐	125.000	121.417	506614.95	0.0583	P	4.6
5	☐	250.000	243.727	1022974.96	0.1170	P	1.0
6	☐	500.000	521.844	2096049.81	0.2506	A	8.0
7	☐	1000.000	991.131	4298995.49	0.4760	A	2.3
8	☐			2383.60	0.0003	P	8.6

$$y = 4.8022\text{E-}004 * x + 2.2955\text{E-}006$$

$$R = 0.9996$$

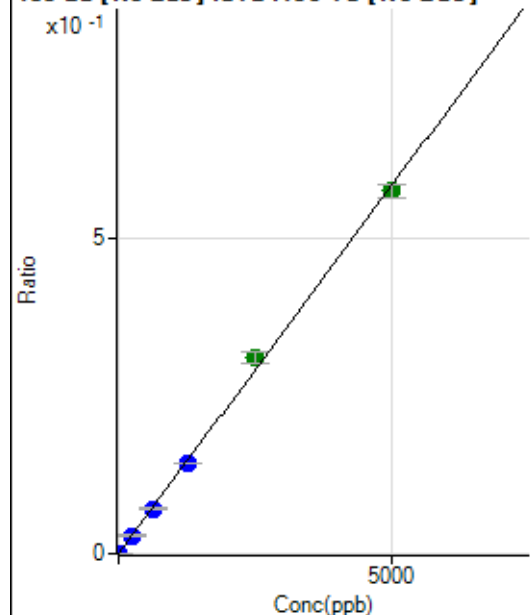
$$DL = 0.01273$$

$$BEC = 0.00478$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	13.89	0.0000	P	92.2
2	☐	10.000	9.423	9378.52	0.0011	P	4.2
3	☐	250.000	246.447	246071.92	0.0288	P	2.1
4	☐	625.000	610.225	619902.34	0.0713	P	3.1
5	☐	1250.000	1225.638	1252006.48	0.1432	P	1.3
6	☐	2500.000	2654.293	2597074.25	0.3102	A	5.8
7	☐	5000.000	4930.970	5204978.50	0.5763	A	3.5
8	☐			2942.07	0.0003	P	9.9

$$y = 1.1688\text{E-}004 * x + 1.6468\text{E-}006$$

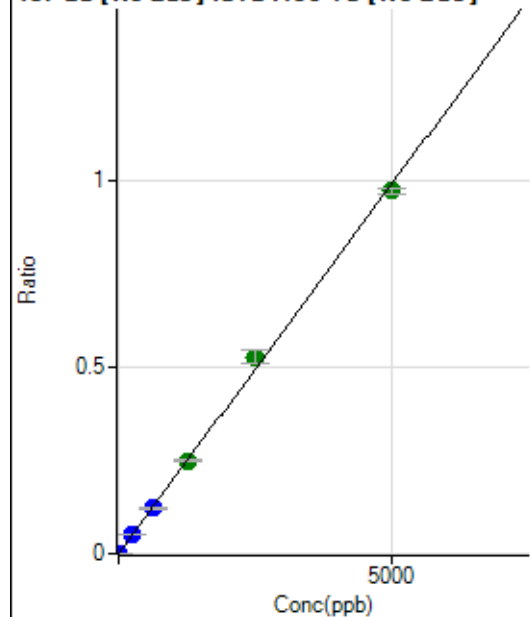
$$R = 0.9993$$

$$DL = 0.03899$$

$$BEC = 0.01409$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	27.78	0.0000	P	23.5
2	☐	10.000	9.475	15990.41	0.0019	P	1.5
3	☐	250.000	253.416	428797.29	0.0502	P	3.3
4	☐	625.000	620.822	1068819.62	0.1230	P	3.3
5	☐	1250.000	1260.808	2182729.39	0.2498	A	2.0
6	☐	2500.000	2667.852	4423793.42	0.5285	A	6.0
7	☐	5000.000	4913.724	8791351.15	0.9734	A	1.9
8	☐			5140.01	0.0006	P	8.6

$$y = 1.9809E-004 * x + 3.4212E-006$$

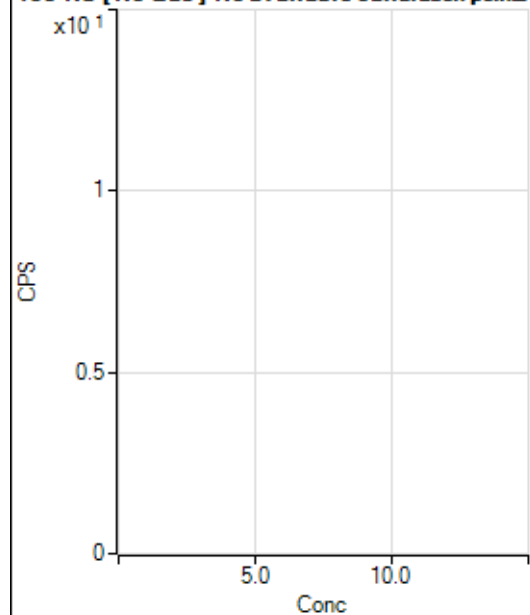
$$R = 0.9991$$

$$DL = 0.0122$$

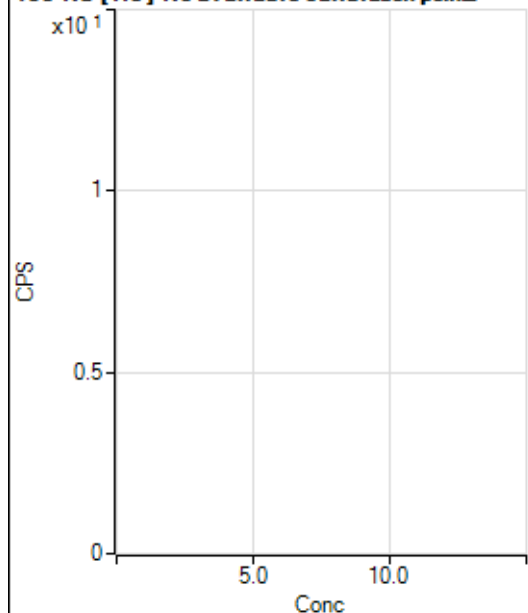
$$BEC = 0.01727$$

Weight: <None>

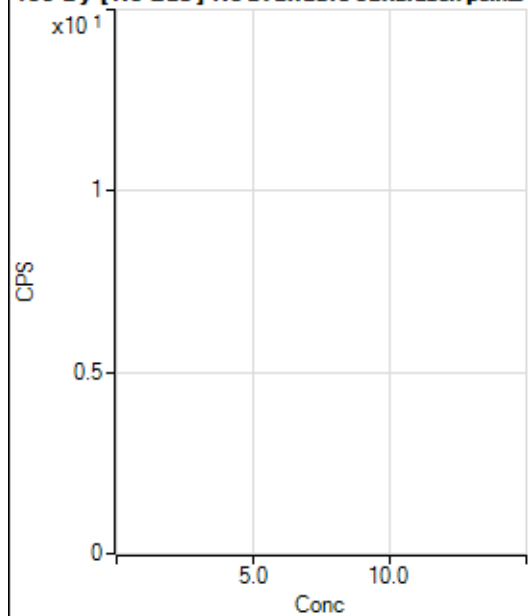
Min Conc: 0

150 Nd [No Gas] No available calibration points

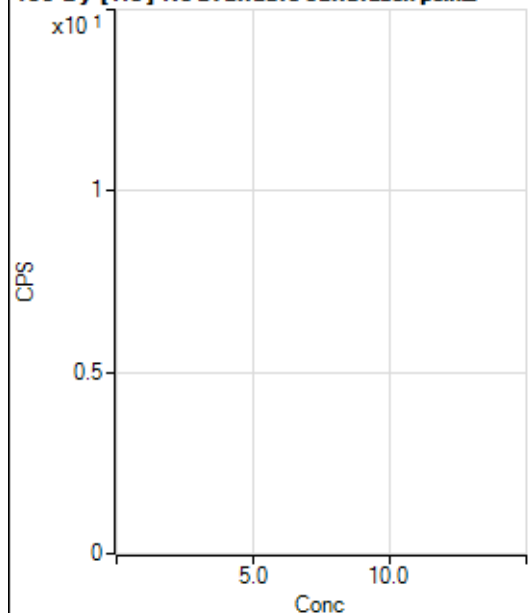
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐			15.55		P	24.8
3	☐			28.89		P	66.6
4	☐			86.67		P	20.4
5	☐			128.89		P	28.5
6	☐			277.79		P	30.4
7	☐			551.14		P	7.4
8	☐			33.33		P	52.9

150 Nd [He] No available calibration points

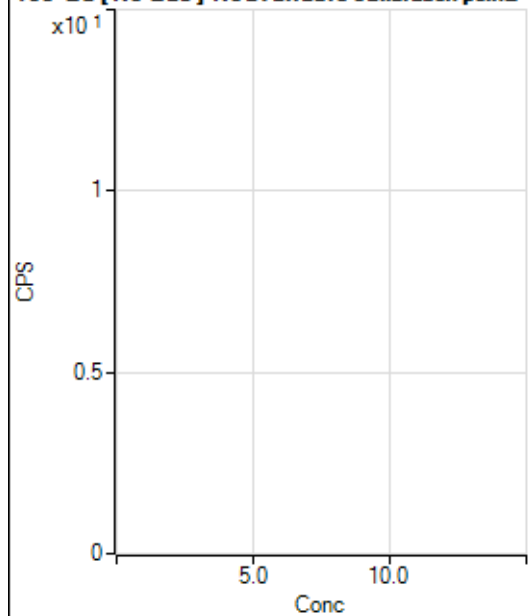
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			4.44		P	114.
3	☐			3.33		P	100.
4	☐			10.00		P	57.7
5	☐			12.22		P	31.5
6	☐			30.00		P	50.9
7	☐			35.56		P	62.4
8	☐			10.00		P	0.0

156 Dy [No Gas] No available calibration points

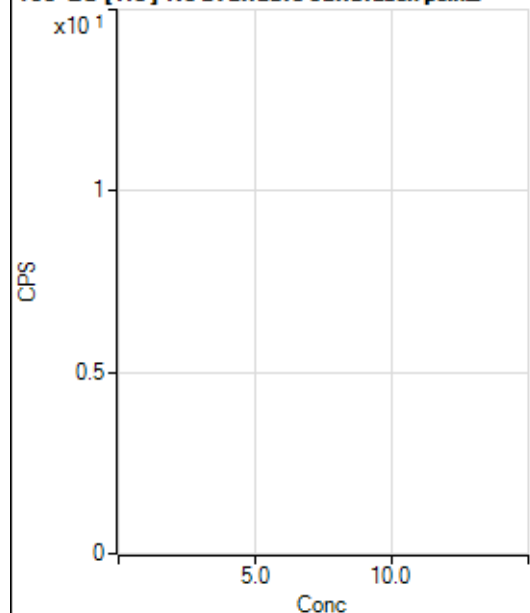
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.
2	☐			11.11		P	114.
3	☐			22.22		P	43.3
4	☐			41.67		P	40.0
5	☐			72.23		P	13.3
6	☐			172.23		P	37.6
7	☐			355.57		P	8.9
8	☐			908.40		P	2.4

156 Dy [He] No available calibration points

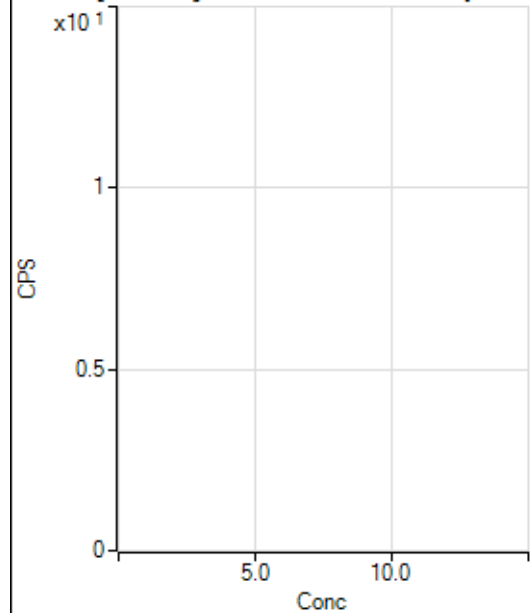
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			4.44		P	114.
4	☐			23.33		P	62.3
5	☐			41.11		P	24.8
6	☐			88.89		P	9.4
7	☐			136.67		P	26.4
8	☐			396.68		P	1.7

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

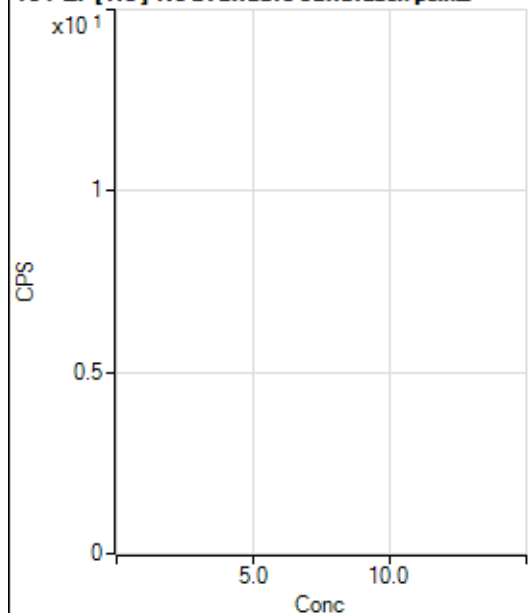
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	25.0
2	☐			66.67		P	12.5
3	☐			72.23		P	13.3
4	☐			127.78		P	15.1
5	☐			130.56		P	19.5
6	☐			208.34		P	18.3
7	☐			355.57		P	1.4
8	☐			1058.41		P	5.7

160 Gd [He] No available calibration points

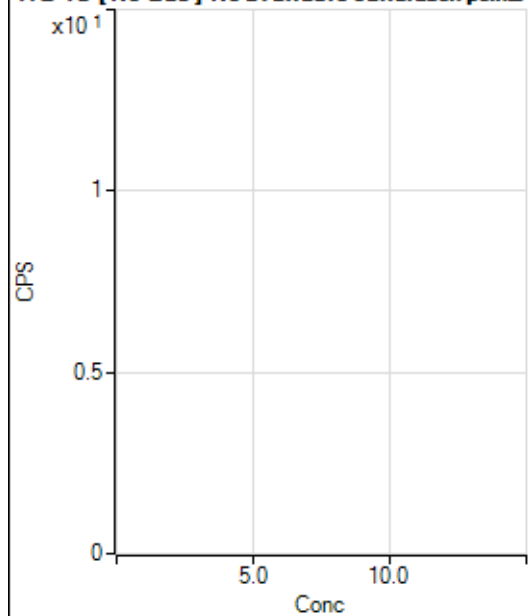
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			88.89		P	9.4
2	☐			92.22		P	5.5
3	☐			97.78		P	11.0
4	☐			133.33		P	10.9
5	☐			164.45		P	12.2
6	☐			173.34		P	15.0
7	☐			194.45		P	14.4
8	☐			597.80		P	0.3

164 Er [No Gas] No available calibration points

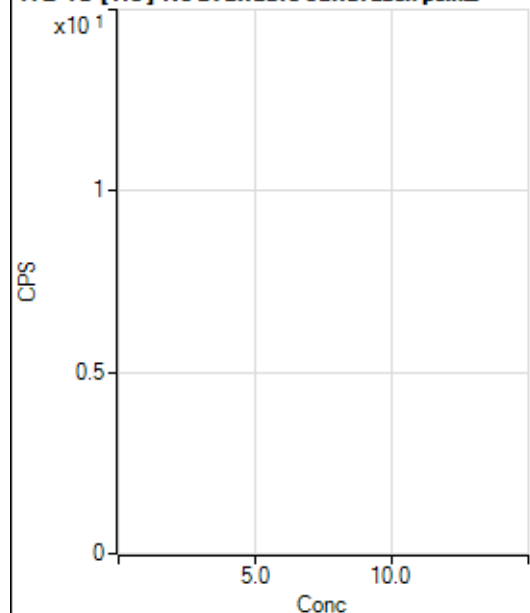
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			80.56		P	23.9
2	☐			66.67		P	12.5
3	☐			61.11		P	51.6
4	☐			100.01		P	28.9
5	☐			94.45		P	13.5
6	☐			83.33		P	26.5
7	☐			83.34		P	10.0
8	☐			116.67		P	39.8

164 Er [He] No available calibration points

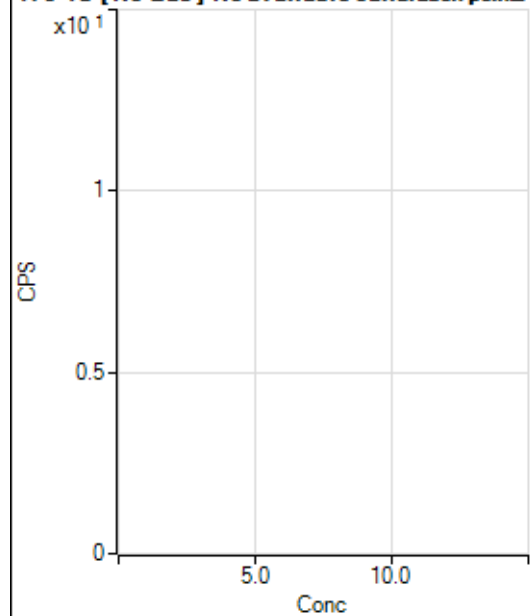
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.44		P	20.8
2	☐			15.56		P	32.7
3	☐			23.33		P	62.3
4	☐			24.44		P	34.3
5	☐			42.22		P	48.2
6	☐			45.56		P	18.4
7	☐			42.22		P	47.6
8	☐			35.55		P	10.8

172 Yb [No Gas] No available calibration points

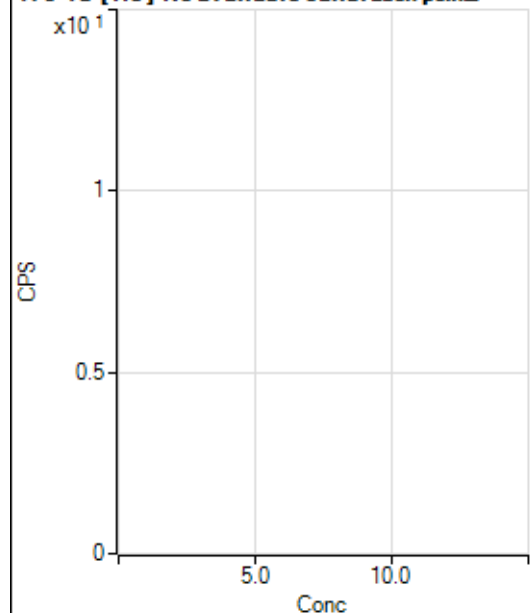
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	40.1
2	☐			69.45		P	18.3
3	☐			55.56		P	37.8
4	☐			52.78		P	24.1
5	☐			69.45		P	42.1
6	☐			152.79		P	3.1
7	☐			127.78		P	24.7
8	☐			383.35		P	13.6

172 Yb [He] No available calibration points

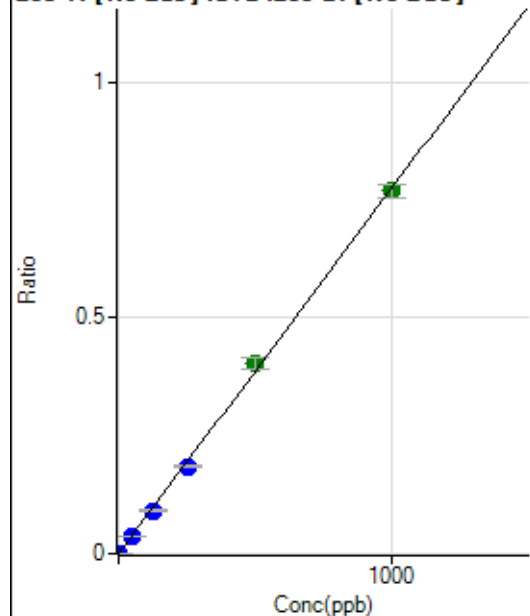
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.93		P	61.9
2	☐			27.78		P	34.6
3	☐			29.63		P	43.3
4	☐			35.19		P	36.5
5	☐			46.30		P	42.1
6	☐			72.22		P	23.1
7	☐			55.56		P	43.6
8	☐			198.15		P	9.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1316.77		P	10.2
2	☐			1347.33		P	7.2
3	☐			2328.05		P	2.3
4	☐			3422.76		P	3.9
5	☐			5781.96		P	4.8
6	☐			9631.56		P	0.3
7	☐			18335.51		P	7.0
8	☐			1677.92		P	2.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7750.56		P	1.5
2	☐			7537.48		P	1.1
3	☐			8252.73		P	0.8
4	☐			8721.53		P	0.7
5	☐			10122.56		P	2.5
6	☐			11864.75		P	1.2
7	☐			16377.08		P	1.8
8	☐			8823.47		P	5.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	75.00	0.0000	P	21.0
2	☐	1.000	0.930	3834.00	0.0007	P	2.9
3	☐	50.000	47.962	193756.43	0.0372	P	3.1
4	☐	125.000	117.960	484762.10	0.0914	P	2.2
5	☐	250.000	238.620	972003.84	0.1848	P	3.2
6	☐	500.000	520.507	2050665.26	0.4031	A	5.5
7	☐	1000.000	993.573	4108159.73	0.7694	A	4.0
8	☐			761.16	0.0002	P	13.4

$$y = 7.7441\text{E-}004 * x + 1.5167\text{E-}005$$

$$R = 0.9996$$

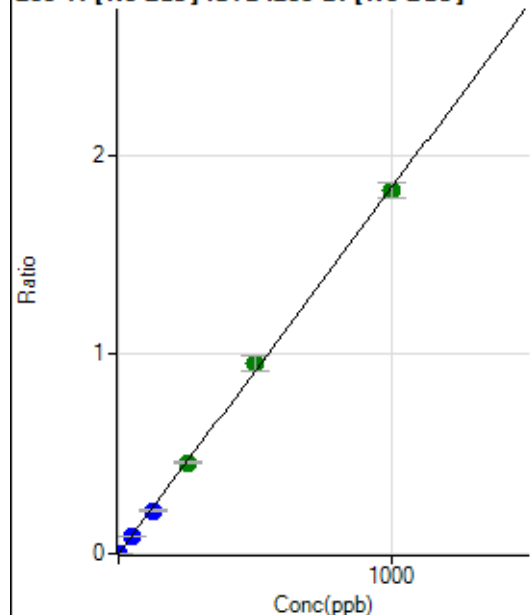
$$DL = 0.01234$$

$$BEC = 0.01959$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	9.0
2	☐	1.000	0.931	9017.28	0.0017	P	1.3
3	☐	50.000	47.687	456739.22	0.0876	P	2.3
4	☐	125.000	118.256	1152395.96	0.2172	P	2.5
5	☐	250.000	247.992	2395542.22	0.4554	A	2.8
6	☐	500.000	519.119	4843516.60	0.9533	A	8.3
7	☐	1000.000	991.901	9725932.42	1.8215	A	4.4
8	☐			1836.31	0.0004	P	10.4

$$y = 0.0018 * x + 2.1135E-005$$

$$R = 0.9997$$

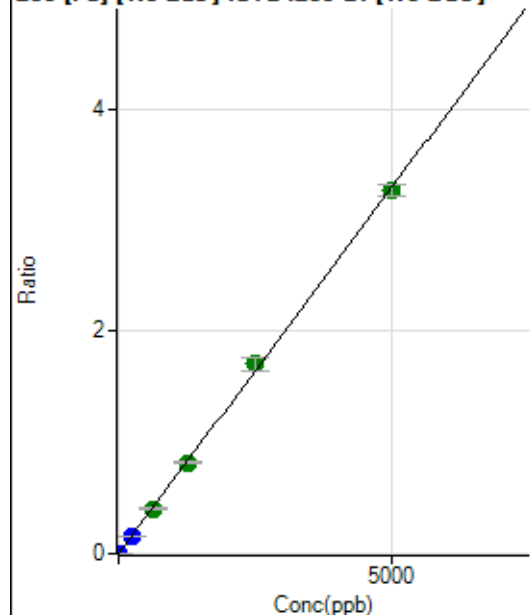
$$DL = 0.003107$$

$$BEC = 0.01151$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	394.46	0.0001	P	17.9
2	☐	1.000	0.909	3530.18	0.0007	P	5.7
3	☐	250.000	233.957	802838.70	0.1540	P	1.7
4	☐	625.000	609.692	2127870.81	0.4011	A	2.8
5	☐	1250.000	1244.220	4305232.18	0.8184	A	2.6
6	☐	2500.000	2591.566	8664925.36	1.7046	A	7.2
7	☐	5000.000	4958.377	17414622.50	3.2613	A	3.2
8	☐			3419.04	0.0007	P	11.9

$$y = 6.5772E-004 * x + 7.9420E-005$$

$$R = 0.9997$$

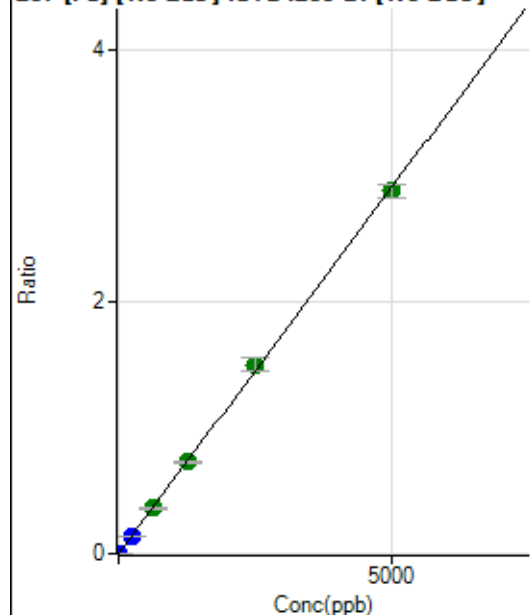
$$DL = 0.0647$$

$$BEC = 0.1207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	374.08	0.0001	P	13.9
2	☐	1.000	0.856	2983.74	0.0006	P	4.2
3	☐	250.000	237.086	718712.82	0.1378	P	2.1
4	☐	625.000	617.763	1904880.61	0.3590	A	2.2
5	☐	1250.000	1255.779	3838492.01	0.7297	A	2.7
6	☐	2500.000	2585.328	7635912.96	1.5023	A	7.4
7	☐	5000.000	4957.442	15381973.26	2.8806	A	3.5
8	☐			2829.99	0.0006	P	7.3

$$y = 5.8104\text{E-}004 * x + 7.5247\text{E-}005$$

$$R = 0.9998$$

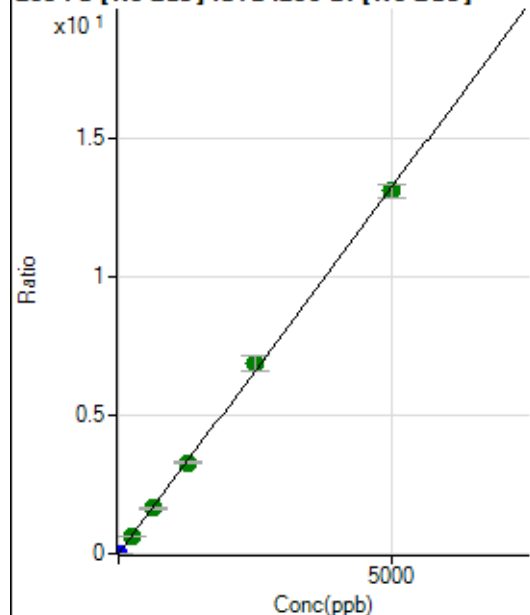
$$DL = 0.05387$$

$$BEC = 0.1295$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1613.03	0.0003	P	11.8
2	☐	1.000	0.883	13854.99	0.0027	P	1.9
3	☐	250.000	242.683	3345084.83	0.6415	A	2.2
4	☐	625.000	617.836	8661525.08	1.6327	A	3.1
5	☐	1250.000	1245.671	17314567.57	3.2915	A	2.1
6	☐	2500.000	2592.279	34805557.02	6.8494	A	7.9
7	☐	5000.000	4956.204	69925416.49	13.0951	A	3.5
8	☐			13162.13	0.0028	P	9.8

$$y = 0.0026 * x + 3.2418\text{E-}004$$

$$R = 0.9997$$

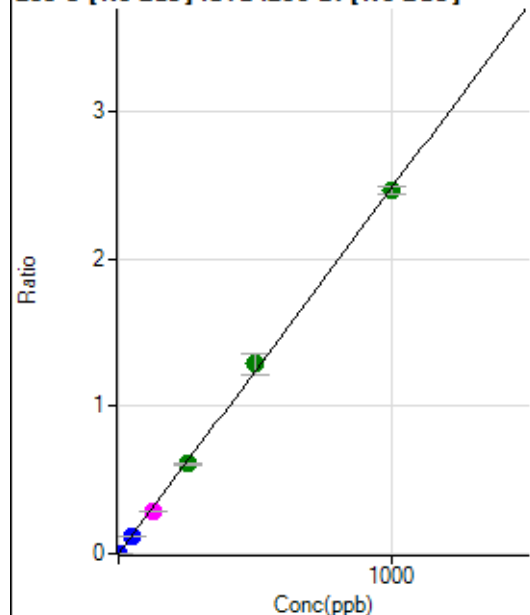
$$DL = 0.04327$$

$$BEC = 0.1227$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	10.2
2	☐	1.000	0.930	12022.67	0.0023	P	2.4
3	☐	50.000	47.014	607769.86	0.1166	P	2.6
4	☐	125.000	116.922	1538204.15	0.2899	M	1.9
5	☐	250.000	245.006	3196504.11	0.6074	A	0.8
6	☐	500.000	519.110	6532319.94	1.2870	A	10.5
7	☐	1000.000	992.853	13145909.76	2.4615	A	2.0
8	☐			794.50	0.0002	P	32.5

$$y = 0.0025 * x + 1.6733E-006$$

$$R = 0.9997$$

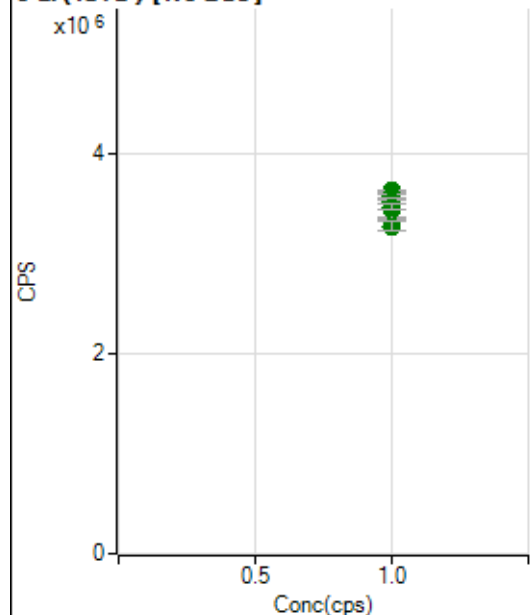
$$DL = 0.0002072$$

$$BEC = 0.0006749$$

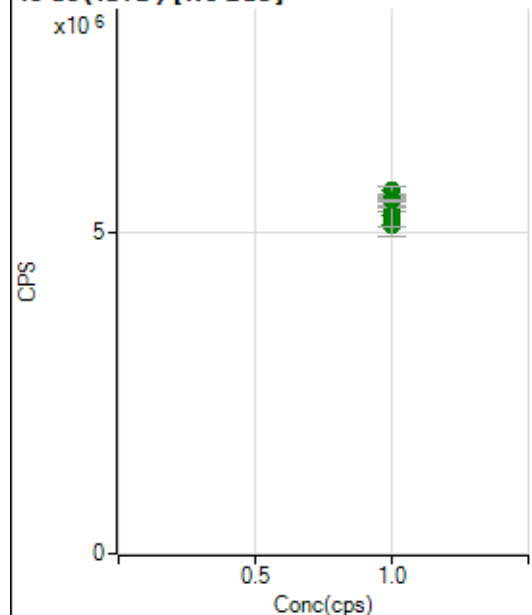
Weight: <None>

Min Conc: 0

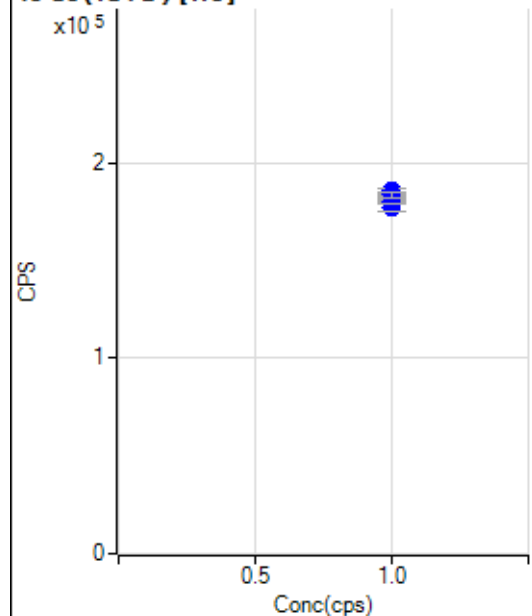
6 Li (ISTD) [No Gas]



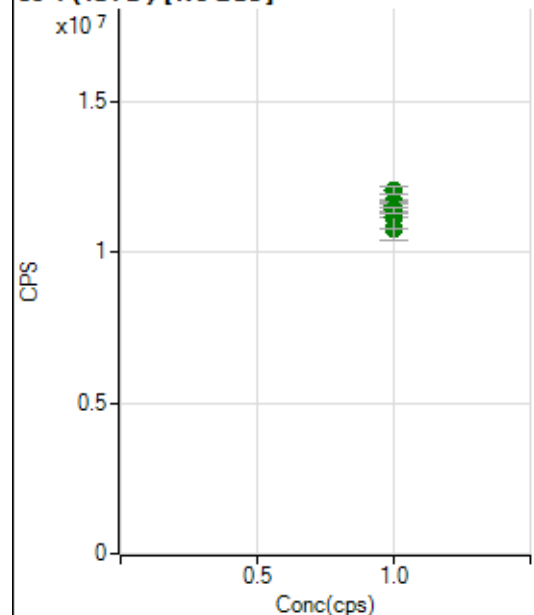
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3435239.32		A	4.0
2	☐	1.000		3525683.49		A	2.0
3	☐	1.000		3625069.08		A	0.2
4	☐	1.000		3571013.34		A	1.4
5	☐	1.000		3517945.29		A	1.6
6	☐	1.000		3433003.12		A	5.5
7	☐	1.000		3461632.48		A	1.7
8	☐	1.000		3274790.16		A	3.3

45 Sc (ISTD) [No Gas]

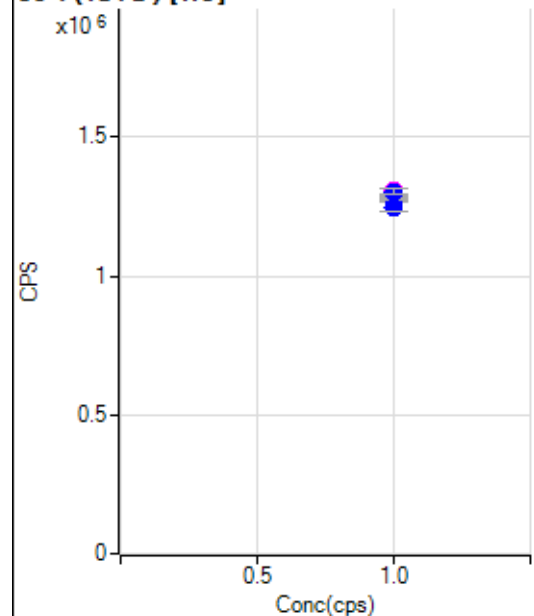
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5131576.80		A	7.9
2	☐	1.000		5411648.81		A	0.9
3	☐	1.000		5563041.24		A	0.7
4	☐	1.000		5552870.82		A	0.9
5	☐	1.000		5500254.71		A	1.0
6	☐	1.000		5284611.31		A	7.4
7	☐	1.000		5651955.82		A	2.1
8	☐	1.000		5501779.78		A	0.4

45 Sc (ISTD) [He]

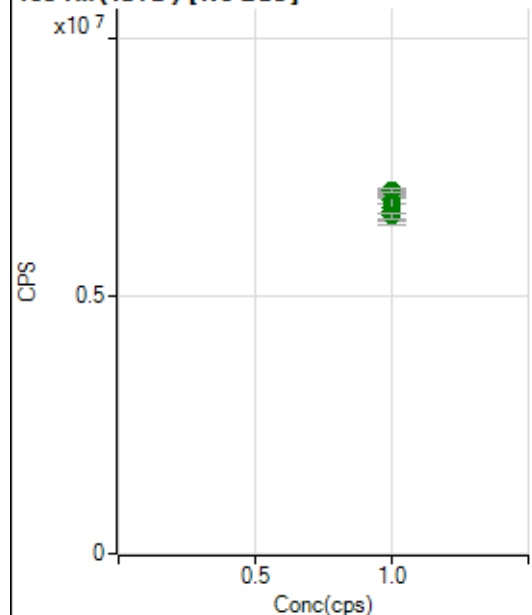
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		183275.64		P	1.1
2	☐	1.000		177469.40		P	3.0
3	☐	1.000		183264.01		P	0.6
4	☐	1.000		181877.14		P	2.5
5	☐	1.000		180498.97		P	0.6
6	☐	1.000		180399.00		P	2.0
7	☐	1.000		185511.43		P	1.7
8	☐	1.000		183538.98		P	1.4

89 Y (ISTD) [No Gas]

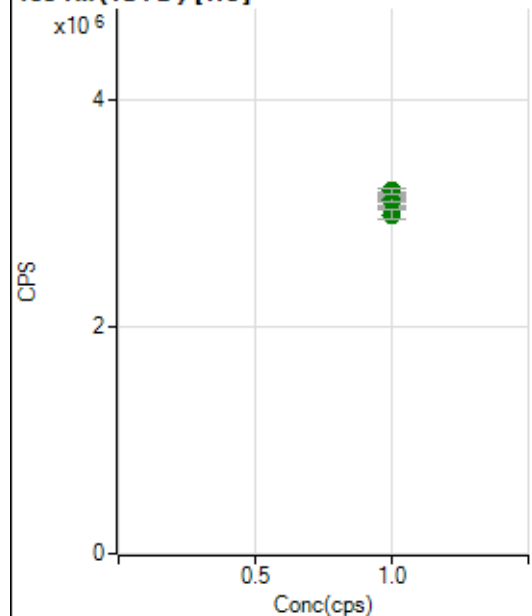
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10787773.38		A	7.0
2	☐	1.000		11398001.63		A	0.9
3	☐	1.000		11685182.61		A	0.9
4	☐	1.000		11550750.38		A	1.3
5	☐	1.000		11579576.49		A	1.7
6	☐	1.000		11185319.56		A	7.7
7	☐	1.000		12031672.18		A	2.0
8	☐	1.000		11387979.69		A	1.3

89 Y (ISTD) [He]

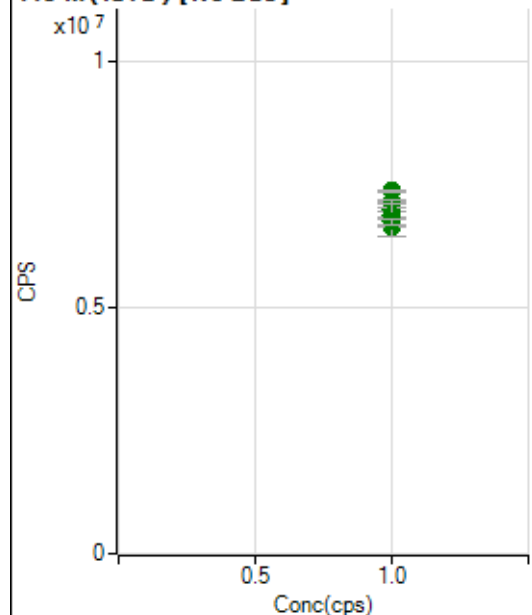
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1274875.28		P	1.0
2	☐	1.000		1248727.09		P	2.8
3	☐	1.000		1279019.60		P	1.0
4	☐	1.000		1268838.17		P	0.4
5	☐	1.000		1266744.20		P	0.2
6	☐	1.000		1277340.01		P	0.5
7	☐	1.000		1305961.51		M	1.3
8	☐	1.000		1303277.45		P	1.8

103 Rh (ISTD) [No Gas]

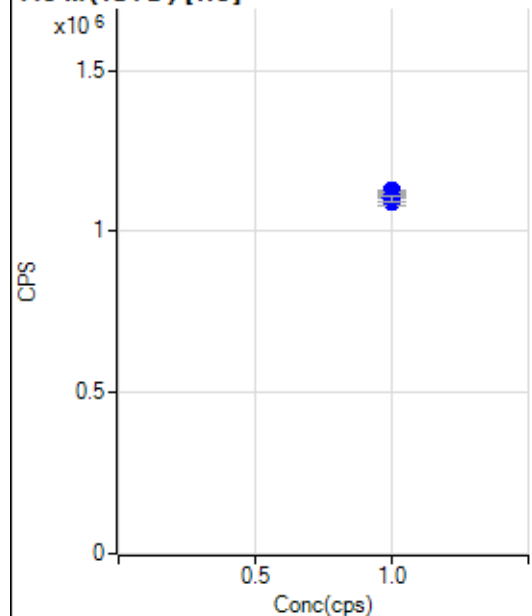
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6635857.66		A	7.5
2	☐	1.000		6993502.42		A	1.7
3	☐	1.000		6979045.38		A	1.1
4	☐	1.000		6993154.45		A	1.2
5	☐	1.000		6868232.45		A	2.0
6	☐	1.000		6698723.76		A	7.5
7	☐	1.000		7030746.34		A	1.0
8	☐	1.000		6548892.64		A	1.4

103 Rh (ISTD) [He]

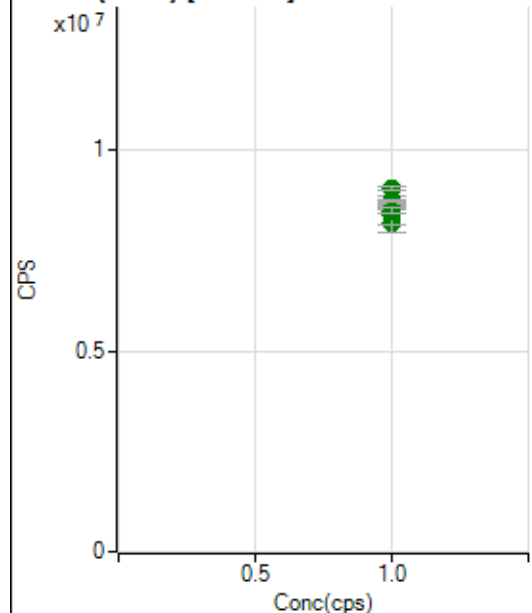
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3159203.81		A	1.3
2	☐	1.000		3106747.90		A	3.6
3	☐	1.000		3106823.77		A	2.2
4	☐	1.000		3120260.02		A	0.9
5	☐	1.000		3108959.09		A	0.5
6	☐	1.000		3124279.85		A	1.3
7	☐	1.000		3195137.04		A	1.4
8	☐	1.000		2984619.19		A	2.6

115 In (ISTD) [No Gas]

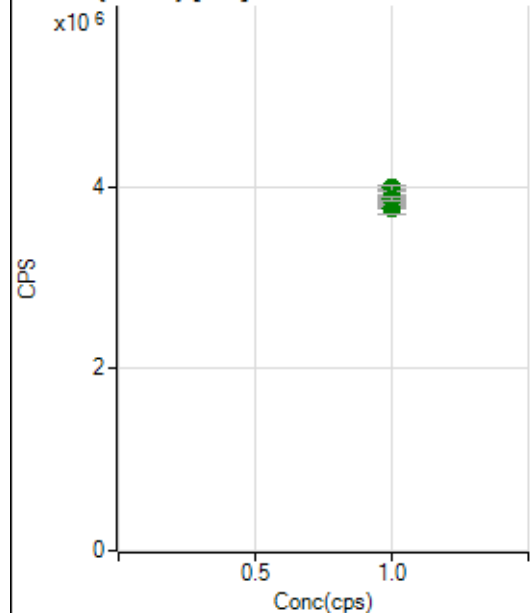
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6634421.59		A	6.1
2	☐	1.000		6987373.48		A	1.4
3	☐	1.000		7135825.30		A	1.0
4	☐	1.000		7093979.29		A	1.9
5	☐	1.000		7107097.82		A	2.5
6	☐	1.000		6877214.99		A	6.4
7	☐	1.000		7368249.19		A	0.3
8	☐	1.000		6738034.85		A	1.5

115 In (ISTD) [He]

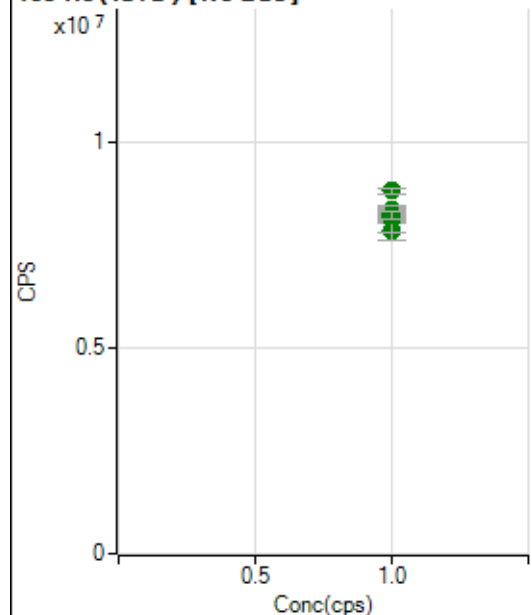
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1118123.89		P	1.6
2	☐	1.000		1094446.51		P	3.1
3	☐	1.000		1116128.66		P	0.4
4	☐	1.000		1117977.79		P	0.3
5	☐	1.000		1105044.05		P	0.3
6	☐	1.000		1125718.20		P	0.4
7	☐	1.000		1119400.49		P	0.8
8	☐	1.000		1102530.03		P	1.8

159 Tb (ISTD) [No Gas]

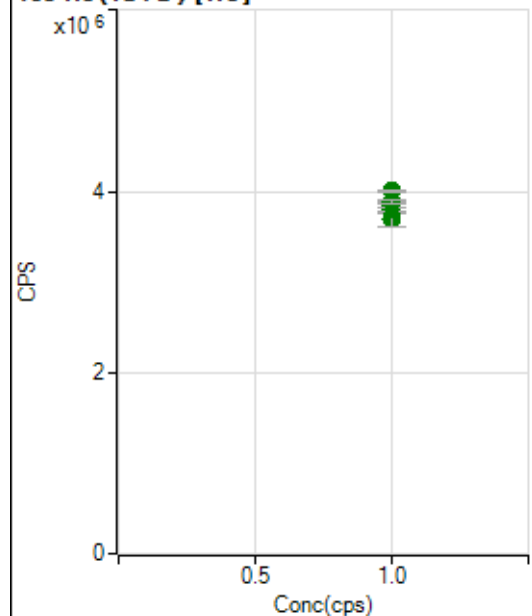
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8191662.17		A	5.7
2	☐	1.000		8505317.58		A	1.5
3	☐	1.000		8545208.90		A	2.2
4	☐	1.000		8697757.51		A	3.5
5	☐	1.000		8740266.05		A	0.7
6	☐	1.000		8391675.36		A	6.2
7	☐	1.000		9032815.21		A	1.2
8	☐	1.000		8495737.72		A	1.6

159 Tb (ISTD) [He]

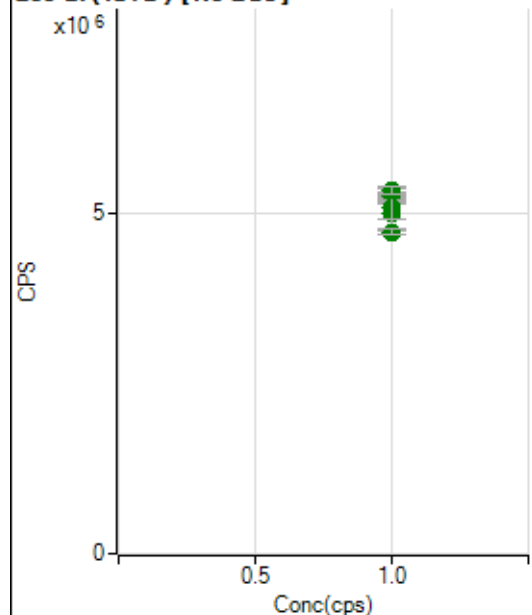
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3807951.96		A	1.8
2	☐	1.000		3770962.06		A	3.6
3	☐	1.000		3815099.35		A	1.9
4	☐	1.000		3899736.12		A	1.1
5	☐	1.000		3809843.69		A	0.3
6	☐	1.000		3947097.23		A	1.8
7	☐	1.000		3992396.26		A	1.6
8	☐	1.000		3874036.09		A	0.9

165 Ho (ISTD) [No Gas]

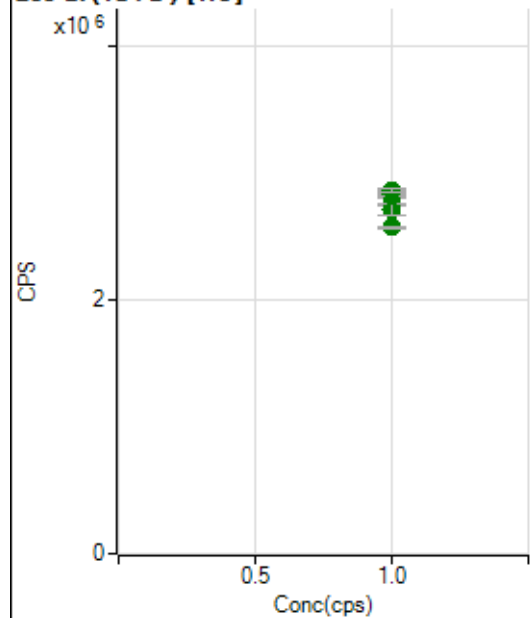
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7815683.25		A	6.0
2	☐	1.000		8152152.61		A	0.7
3	☐	1.000		8164000.27		A	2.5
4	☐	1.000		8360626.66		A	1.4
5	☐	1.000		8271459.82		A	1.8
6	☐	1.000		8104274.31		A	7.9
7	☐	1.000		8803151.33		A	1.6
8	☐	1.000		8200561.64		A	2.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3787609.49		A	1.4
2	☐	1.000		3699918.63		A	4.7
3	☐	1.000		3836565.43		A	1.0
4	☐	1.000		3796081.86		A	0.9
5	☐	1.000		3857955.57		A	2.0
6	☐	1.000		3851478.21		A	1.5
7	☐	1.000		4006805.95		A	0.4
8	☐	1.000		3887571.71		A	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5011127.39		A	9.7
2	☐	1.000		5211752.77		A	2.1
3	☐	1.000		5215577.04		A	1.6
4	☐	1.000		5307651.73		A	2.4
5	☐	1.000		5261832.63		A	2.1
6	☐	1.000		5100596.11		A	7.1
7	☐	1.000		5342004.61		A	2.1
8	☐	1.000		4742421.60		A	2.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2747123.53		A	0.6
2	☐	1.000		2708776.49		A	3.3
3	☐	1.000		2810896.38		A	1.2
4	☐	1.000		2836816.90		A	1.3
5	☐	1.000		2841882.77		A	1.8
6	☐	1.000		2829011.14		A	1.3
7	☐	1.000		2855089.37		A	0.9
8	☐	1.000		2565341.75		A	1.1

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\IP8040623 MS.b
Acq. Date-Time 2023-04-06 09:54:51
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		13640	136397.06			0.588	5.000
24		106857	1068567.24			1.531	5.000
25		14326	143259.65			0.481	5.000
26		16072	160720.66			0.598	5.000
59		84487	844873.70			1.387	5.000
113		8378	83780.15			1.260	5.000
115		105562	1055621.93			1.883	5.000
206		21608	216081.35			1.414	5.000
207		19595	195954.92			0.907	5.000
208		46791	467909.32			1.124	5.000
220		1	6.00			20.412	

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

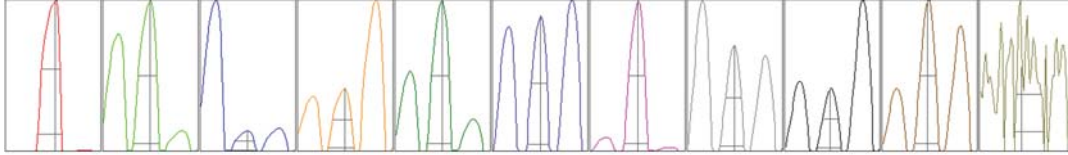
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	13628	13507	13696	13659	13707
24	108006	105329	105915	109144	105890
25	14415	14240	14343	14275	14356
26	16214	15986	15979	16080	16100
59	85403	84187	85407	84847	82592
113	8400	8320	8351	8548	8272
115	107846	107464	103926	105009	103566
206	21801	21391	21665	21970	21215
207	19662	19473	19575	19861	19406
208	47161	46047	46869	47367	46511

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	24084.04	9.10	8.90 - 9.10	
24	189779.74	24.00	23.90 - 24.10	
25	25202.39	25.00	24.90 - 25.10	
26	28644.81	26.00	25.90 - 26.10	
59	160184.59	59.00	58.90 - 59.10	
113	17208.20	113.05	112.90 - 113.10	
115	215826.82	115.05	114.90 - 115.10	
206	43878.98	206.00	205.90 - 206.10	
207	39510.77	206.95	206.90 - 207.10	
208	94530.45	207.95	207.90 - 208.10	
220	0.55	219.85	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.753	0.900	
24	0.59	0.820	0.900	
25	0.59	0.782	0.900	
26	0.60	0.824	0.900	
59	0.55	0.767	0.900	
113	0.50	0.690	0.900	
115	0.51	0.755	0.900	
206	0.50	0.763	0.900	
207	0.50	0.772	0.900	
208	0.50	0.771	0.900	
220	0.80	0.908		

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.84 L/min Dilution Gas 0.40 L/min

US EPA Tune Check Report

RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.5 V	Deflect	15.8 V
Extract 2	-205.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-95 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	160 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.6 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2316 V	Pulse HV	1717 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		17299	172989.15			1.057	
89		13595	135946.81			1.496	
205		16115	161149.51			2.021	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	17514	17356	17369	17229	17026
89	13854	13644	13674	13482	13318
205	16640	16096	16084	16008	15747

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.84 L/min	Dilution Gas	0.40 L/min
RF Power	1600 W	Option Gas	---	Auxiliary Gas	0.90 L/min
RF Matching	1.40 V	Nebulizer Pump	0.10 rps	Plasma Gas	15.0 L/min
Sample Depth	10.0 mm	S/C Temp	2 °C		

Lens Parameters

Extract 1	-6.0 V	Omega Lens	10.5 V	Deflect	4.6 V
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US EPA Tune Check Report

Extract 2	-205.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-95 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	190 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	1.6 mm	Torch V	-0.9 mm
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EM

Discriminator	4.5 mV	Analog HV	2316 V	Pulse HV	1717 V
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LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.13	-0.27	0.13	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	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.10	-0.03	-0.07	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	0.00	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.01	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.05	1.23	-1.28	0.00	N/A	ppb
Cadmium	108-1	-0.08	0.05	0.04	0.00	N/A	ppb
Calcium	43-1	1.73	-0.75	-0.97	0.00	N/A	ppb
Calcium	44-1	5.42	-2.61	-2.81	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.03	0.03	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	-0.01	0.01	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	0.88	0.62	-1.50	0.00	N/A	ppb
Iron	56-2	-0.05	0.06	-0.01	0.00	N/A	ppb
Iron	57-2	1.15	-1.05	-0.10	0.00	N/A	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	207-1	0.02	-0.02	0.00	0.00	N/A	ppb
Lead	208-1	0.02	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.10	0.57	-0.47	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	N/A	ppb
Phosphorus	31-2	-54.05	13.44	-8.08	-16.23		ppb
Potassium	39-2	-9.45	12.76	-3.31	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.12	0.02	-0.15	0.00	N/A	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.80	-0.27	1.08	0.00	N/A	ppb
Silicon	28-1	4.07	-1.92	-2.16	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	-1.08	0.65	0.43	0.00	N/A	ppb
Strontium	86-1	-0.02	0.04	-0.01	0.00	N/A	ppb
Strontium	88-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sulfur	34-1	2667.80	-418.74	-581.66	555.80	329.41	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.02	0.00	N/A	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.00	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
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	-0.02	-0.10	0.13	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.02	0.02	0.00	N/A	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.77	21.30	20.81	21.63	4.71	ppb
Antimony	121-1	2.06	2.04	2.02	2.04	0.90	ppb
Arsenic	75-2	1.03	1.00	0.96	1.00	3.56	ppb
Barium	135-1	9.86	9.31	9.10	9.42	4.19	ppb
Barium	137-1	9.45	9.63	9.35	9.47	1.48	ppb
Beryllium	9-1	1.04	1.08	1.13	1.08	4.34	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	13.35	13.99	15.54	14.29	7.87	ppb
Boron	11-1	13.47	15.03	15.99	14.83	8.60	ppb
Bromine	81-1						cps
Cadmium	111-1	1.18	1.10	1.12	1.13	3.62	ppb
Cadmium	106-1	1.34	0.18	3.71	1.74	103.10	ppb
Cadmium	108-1	0.85	1.32	1.33	1.16	23.57	ppb
Calcium	43-1	519.04	540.64	527.61	529.10	2.06	ppb
Calcium	44-1	526.01	541.15	536.76	534.64	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.07	1.96	1.79	1.94	7.35	ppb
Cobalt	59-2	1.09	1.00	0.99	1.03	5.50	ppb
Copper	63-2	2.27	2.02	1.98	2.09	7.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	57.82	57.88	51.08	55.59	7.04	ppb
Iron	56-2	57.14	52.86	52.50	54.17	4.76	ppb
Iron	57-2	56.77	45.00	51.25	51.01	11.54	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.97	0.91	0.91	6.48	ppb
Lead	207-1	0.83	0.90	0.83	0.86	4.87	ppb
Lead	208-1	0.87	0.90	0.88	0.88	2.17	ppb
Lithium	6-1				103		%
Magnesium	24-2	589.15	543.35	523.48	551.99	6.10	ppb
Manganese	55-2	1.15	1.04	0.97	1.05	8.60	ppb
Molybdenum	94-1	5.49	5.64	5.92	5.68	3.86	ppb
Molybdenum	95-1	4.88	4.85	4.85	4.86	0.30	ppb
Molybdenum	96-1	4.78	4.90	5.15	4.94	3.85	ppb
Molybdenum	97-1	4.68	5.03	5.17	4.96	5.09	ppb
Molybdenum	98-1	4.58	4.60	4.95	4.71	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.93	1.02	0.98	4.70	ppb
Phosphorus	31-2	1.07	24.82	22.79	16.23	81.12	ppb
Potassium	39-2	556.06	511.38	508.83	525.42	5.05	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				97		%
Selenium	82-1	4.70	5.69	5.12	5.17	9.63	ppb
Selenium	77-2	0.00	6.59	1.10	2.56	137.73	ppb
Selenium	78-2	6.59	5.19	5.89	5.89	11.91	ppb
Silicon	28-1	-0.61	0.13	-1.13	-0.54		ppb
Silver	107-1	1.04	1.03	0.90	0.99	7.80	ppb
Silver	109-1	1.06	1.02	0.96	1.02	4.80	ppb
Sodium	23-2	597.14	549.19	512.28	552.87	7.70	ppb
Strontium	86-1	0.96	1.13	0.93	1.00	10.95	ppb
Strontium	88-1	0.98	1.02	0.98	0.99	2.26	ppb
Sulfur	34-1	-747.50	-341.57	-578.33	-555.80		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.90	0.96	0.93	0.93	2.97	ppb
Thallium	205-1	0.94	0.93	0.92	0.93	1.32	ppb
Tin	118-1	5.01	5.00	4.61	4.87	4.68	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.13	5.06	4.54	4.91	6.57	ppb
Uranium	238-1	0.90	0.95	0.94	0.93	2.41	ppb
Vanadium	51-2	5.48	5.03	4.86	5.12	6.24	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				98		%
Zinc	66-2	2.09	2.53	2.36	2.33	9.41	ppb
Zirconium	90-1	0.98	1.02	0.96	0.99	2.79	ppb
Zirconium	91-1	0.98	0.97	1.01	0.99	2.21	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1111.96	1085.95	1070.06	1089.32	1.94	ppb
Antimony	121-1	49.62	50.51	47.69	49.27	2.93	ppb
Arsenic	75-2	50.55	50.70	48.40	49.88	2.59	ppb
Barium	135-1	246.71	251.39	241.24	246.45	2.06	ppb
Barium	137-1	249.45	262.95	247.85	253.42	3.27	ppb
Beryllium	9-1	49.58	50.43	50.06	50.02	0.85	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	86.33	98.20	102.04	95.52	8.58	ppb
Boron	11-1	90.96	100.57	103.99	98.51	6.86	ppb
Bromine	81-1						cps
Cadmium	111-1	50.88	53.69	51.10	51.89	3.01	ppb
Cadmium	106-1	50.97	57.11	54.38	54.16	5.68	ppb
Cadmium	108-1	50.48	53.27	51.34	51.70	2.76	ppb
Calcium	43-1	5674.84	5823.03	5793.21	5763.69	1.36	ppb
Calcium	44-1	5415.66	5728.24	5597.51	5580.47	2.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.26	48.52	46.96	48.58	3.39	ppb
Cobalt	59-2	50.31	48.66	47.55	48.84	2.84	ppb
Copper	63-2	513.98	495.86	487.71	499.18	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	2770.38	2648.06	2544.98	2654.47	4.25	ppb
Iron	56-2	2856.12	2726.19	2706.66	2762.99	2.94	ppb
Iron	57-2	2744.35	2570.61	2511.26	2608.74	4.64	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	231.42	231.79	238.66	233.96	1.74	ppb
Lead	207-1	236.49	232.32	242.45	237.09	2.15	ppb
Lead	208-1	240.12	238.98	248.94	242.68	2.25	ppb
Lithium	6-1				106		%
Magnesium	24-2	5791.16	5480.28	5538.72	5603.39	2.95	ppb
Manganese	55-2	503.83	483.61	478.43	488.62	2.75	ppb
Molybdenum	94-1	495.69	495.91	499.91	497.17	0.48	ppb
Molybdenum	95-1	483.92	501.25	503.00	496.06	2.13	ppb
Molybdenum	96-1	478.92	501.42	493.04	491.13	2.32	ppb
Molybdenum	97-1	483.13	505.56	490.41	493.03	2.32	ppb
Molybdenum	98-1	495.94	515.82	489.63	500.46	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.23	51.16	50.81	51.07	0.44	ppb
Phosphorus	31-2	1000.98	970.62	1001.44	991.01	1.78	ppb
Potassium	39-2	2666.17	2586.97	2600.85	2618.00	1.62	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				108		%
Scandium	45-2				100		%
Selenium	82-1	51.02	52.09	52.44	51.85	1.42	ppb
Selenium	77-2	50.69	53.81	46.00	50.17	7.84	ppb
Selenium	78-2	50.68	53.33	48.38	50.80	4.88	ppb
Silicon	28-1	145.39	155.37	150.10	150.29	3.32	ppb
Silver	107-1	50.75	51.46	49.79	50.67	1.65	ppb
Silver	109-1	50.95	54.08	51.66	52.23	3.14	ppb
Sodium	23-2	5755.00	5466.03	5401.96	5541.00	3.39	ppb
Strontium	86-1	1239.30	1270.55	1225.52	1245.12	1.85	ppb
Strontium	88-1	1216.80	1235.89	1226.06	1226.25	0.78	ppb
Sulfur	34-1	76.88	517.42	352.63	315.64	70.52	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	46.37	48.16	49.35	47.96	3.12	ppb
Thallium	205-1	46.90	47.20	48.96	47.69	2.34	ppb
Tin	118-1	49.56	52.32	49.51	50.46	3.19	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	483.05	505.62	502.76	497.14	2.47	ppb
Uranium	238-1	46.35	46.28	48.41	47.01	2.56	ppb
Vanadium	51-2	50.96	48.57	46.91	48.82	4.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				108		%
Yttrium	89-2				100		%
Zinc	66-2	518.23	495.89	493.87	502.66	2.69	ppb
Zirconium	90-1	49.13	49.97	51.28	50.13	2.16	ppb
Zirconium	91-1	49.04	49.47	49.42	49.31	0.48	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2683.32	2717.64	2633.93	2678.30	1.57	ppb
Antimony	121-1	125.04	114.97	124.24	121.42	4.61	ppb
Arsenic	75-2	129.14	125.28	120.81	125.08	3.33	ppb
Barium	135-1	625.44	589.24	616.00	610.22	3.08	ppb
Barium	137-1	632.82	596.87	632.78	620.82	3.34	ppb
Beryllium	9-1	122.10	126.81	126.05	124.99	2.02	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	223.69	249.39	266.19	246.42	8.69	ppb
Boron	11-1	233.20	260.09	270.86	254.71	7.62	ppb
Bromine	81-1						cps
Cadmium	111-1	131.48	121.69	130.25	127.81	4.17	ppb
Cadmium	106-1	139.04	128.51	131.85	133.13	4.04	ppb
Cadmium	108-1	129.96	129.50	134.51	131.32	2.11	ppb
Calcium	43-1	14296.36	14470.59	14289.77	14352.24	0.71	ppb
Calcium	44-1	13830.81	13776.80	14456.17	14021.26	2.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	121.76	121.12	117.79	120.22	1.77	ppb
Cobalt	59-2	120.71	120.70	120.50	120.63	0.10	ppb
Copper	63-2	1278.27	1296.50	1316.23	1297.00	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	6629.29	6629.97	6514.96	6591.41	1.00	ppb
Iron	56-2	6894.23	6822.88	6713.15	6810.08	1.34	ppb
Iron	57-2	6467.06	6472.84	6371.67	6437.19	0.88	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	610.06	592.26	626.75	609.69	2.83	ppb
Lead	207-1	614.45	605.86	632.98	617.76	2.24	ppb
Lead	208-1	616.56	599.26	637.69	617.84	3.12	ppb
Lithium	6-1				104		%
Magnesium	24-2	14058.71	14643.67	13976.48	14226.29	2.56	ppb
Manganese	55-2	1224.69	1217.98	1202.59	1215.09	0.93	ppb
Molybdenum	94-1	1238.85	1300.91	1287.04	1275.60	2.55	ppb
Molybdenum	95-1	1243.84	1299.60	1273.75	1272.40	2.19	ppb
Molybdenum	96-1	1247.02	1298.41	1236.88	1260.77	2.62	ppb
Molybdenum	97-1	1242.58	1291.90	1224.94	1253.14	2.77	ppb
Molybdenum	98-1	1229.23	1256.85	1214.22	1233.43	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	126.00	127.14	127.59	126.91	0.65	ppb
Phosphorus	31-2	2532.48	2379.72	2398.95	2437.05	3.41	ppb
Potassium	39-2	6262.67	6508.78	6356.89	6376.11	1.95	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				99		%
Selenium	82-1	123.75	129.93	125.85	126.51	2.49	ppb
Selenium	77-2	124.12	122.57	130.36	125.68	3.28	ppb
Selenium	78-2	129.23	128.30	128.97	128.83	0.37	ppb
Silicon	28-1	368.52	376.88	379.73	375.04	1.55	ppb
Silver	107-1	125.33	119.27	127.85	124.15	3.55	ppb
Silver	109-1	127.68	122.47	131.82	127.32	3.68	ppb
Sodium	23-2	13482.21	13544.96	13543.56	13523.58	0.26	ppb
Strontium	86-1	3050.88	3126.14	3076.02	3084.35	1.24	ppb
Strontium	88-1	3024.76	3091.50	3029.46	3048.58	1.22	ppb
Sulfur	34-1	2018.83	2245.09	1812.75	2025.56	10.68	ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	117.24	115.83	120.81	117.96	2.18	ppb
Thallium	205-1	115.68	117.55	121.54	118.26	2.53	ppb
Tin	118-1	123.36	118.72	125.52	122.53	2.83	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1210.23	1245.39	1249.12	1234.92	1.74	ppb
Uranium	238-1	115.04	116.30	119.43	116.92	1.93	ppb
Vanadium	51-2	122.61	122.92	120.12	121.89	1.26	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				100		%
Zinc	66-2	1245.81	1246.94	1264.80	1252.52	0.85	ppb
Zirconium	90-1	122.55	127.57	125.46	125.20	2.01	ppb
Zirconium	91-1	121.43	125.96	124.99	124.13	1.92	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5465.68	5341.95	5240.89	5349.51	2.10	ppb
Antimony	121-1	244.50	240.98	245.70	243.73	1.01	ppb
Arsenic	75-2	256.41	246.37	245.51	249.43	2.43	ppb
Barium	135-1	1219.83	1213.47	1243.62	1225.64	1.30	ppb
Barium	137-1	1282.09	1233.22	1267.12	1260.81	1.99	ppb
Beryllium	9-1	252.78	250.64	249.98	251.14	0.58	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	484.79	509.66	529.11	507.85	4.37	ppb
Boron	11-1	500.76	523.65	546.70	523.70	4.39	ppb
Bromine	81-1						cps
Cadmium	111-1	255.20	251.08	256.01	254.10	1.04	ppb
Cadmium	106-1	256.67	269.64	259.37	261.89	2.61	ppb
Cadmium	108-1	254.54	245.25	255.57	251.79	2.26	ppb
Calcium	43-1	28923.11	28978.27	28974.72	28958.70	0.11	ppb
Calcium	44-1	27402.96	27690.39	28197.61	27763.66	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	245.32	236.76	234.69	238.92	2.36	ppb
Cobalt	59-2	250.17	241.98	239.22	243.79	2.34	ppb
Copper	63-2	2612.06	2500.88	2488.03	2533.65	2.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				99		%
Iron	54-2	13591.85	13302.23	12796.79	13230.29	3.04	ppb
Iron	56-2	14118.69	13731.66	13062.40	13637.58	3.92	ppb
Iron	57-2	13353.06	12717.22	12622.97	12897.75	3.08	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1275.16	1209.85	1247.65	1244.22	2.64	ppb
Lead	207-1	1289.66	1254.76	1222.92	1255.78	2.66	ppb
Lead	208-1	1275.27	1228.21	1233.53	1245.67	2.07	ppb
Lithium	6-1				102		%
Magnesium	24-2	29318.52	28386.13	27437.97	28380.87	3.31	ppb
Manganese	55-2	2553.66	2555.69	2425.42	2511.59	2.97	ppb
Molybdenum	94-1	2534.93	2500.73	2478.47	2504.71	1.14	ppb
Molybdenum	95-1	2482.73	2473.68	2482.90	2479.77	0.21	ppb
Molybdenum	96-1	2495.34	2461.06	2509.57	2488.66	1.00	ppb
Molybdenum	97-1	2512.81	2503.15	2484.22	2500.06	0.58	ppb
Molybdenum	98-1	2529.61	2461.74	2438.70	2476.68	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.06	250.20	243.62	250.63	2.88	ppb
Phosphorus	31-2	5078.58	4943.71	4934.53	4985.61	1.62	ppb
Potassium	39-2	13095.92	12834.03	12695.46	12875.13	1.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	82-1	261.11	253.92	247.19	254.07	2.74	ppb
Selenium	77-2	290.11	267.60	247.17	268.29	8.00	ppb
Selenium	78-2	244.43	258.19	248.37	250.33	2.83	ppb
Silicon	28-1	767.53	756.51	751.00	758.35	1.11	ppb
Silver	107-1	253.29	244.60	250.51	249.46	1.78	ppb
Silver	109-1	251.26	247.55	249.61	249.47	0.74	ppb
Sodium	23-2	28444.59	26640.20	26369.17	27151.32	4.16	ppb
Strontium	86-1	6266.58	6104.91	6043.54	6138.34	1.88	ppb
Strontium	88-1	6299.01	6193.02	6208.81	6233.61	0.92	ppb
Sulfur	34-1	5707.62	5136.10	5220.16	5354.63	5.76	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	246.93	236.90	232.02	238.62	3.19	ppb
Thallium	205-1	255.74	242.23	246.00	247.99	2.81	ppb
Tin	118-1	248.38	248.40	250.05	248.95	0.39	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2464.75	2466.81	2517.92	2483.16	1.21	ppb
Uranium	238-1	242.94	245.55	246.53	245.01	0.76	ppb
Vanadium	51-2	250.59	240.65	238.52	243.26	2.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				99		%
Zinc	66-2	2585.63	2488.67	2415.86	2496.72	3.41	ppb
Zirconium	90-1	264.44	261.03	254.61	260.03	1.92	ppb
Zirconium	91-1	257.34	250.94	249.59	252.62	1.64	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10824.34	10568.70	10843.08	10745.37	1.43	ppb
Antimony	121-1	569.81	493.30	502.42	521.84	8.01	ppb
Arsenic	75-2	498.24	496.36	491.72	495.44	0.68	ppb
Barium	135-1	2830.74	2591.86	2540.28	2654.29	5.84	ppb
Barium	137-1	2851.88	2557.24	2594.43	2667.85	6.01	ppb
Beryllium	9-1	551.03	486.09	496.40	511.17	6.83	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	1059.87	990.82	1073.19	1041.29	4.25	ppb
Boron	11-1	995.27	957.08	1009.97	987.44	2.77	ppb
Bromine	81-1						cps
Cadmium	111-1	570.02	517.63	511.79	533.14	6.01	ppb
Cadmium	106-1	578.13	505.17	522.26	535.19	7.13	ppb
Cadmium	108-1	575.91	519.72	518.94	538.19	6.07	ppb
Calcium	43-1	66278.50	58205.97	58837.79	61107.42	7.35	ppb
Calcium	44-1	65145.95	57299.41	59022.30	60489.22	6.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.18	477.61	484.25	486.35	2.05	ppb
Cobalt	59-2	504.43	470.50	482.50	485.81	3.54	ppb
Copper	63-2	5141.94	4823.79	5027.17	4997.63	3.22	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				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	54-2	28319.49	27244.02	28017.34	27860.29	1.99	ppb
Iron	56-2	27498.96	26967.32	28231.10	27565.79	2.30	ppb
Iron	57-2	26429.64	25127.71	25849.47	25802.27	2.53	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2804.17	2461.51	2509.02	2591.57	7.16	ppb
Lead	207-1	2804.97	2495.71	2455.30	2585.33	7.40	ppb
Lead	208-1	2828.03	2476.64	2472.17	2592.28	7.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	55917.17	52922.62	56226.76	55022.18	3.32	ppb
Manganese	55-2	4942.89	4962.04	5187.79	5030.90	2.71	ppb
Molybdenum	94-1	5837.63	5016.92	5033.60	5296.05	8.86	ppb
Molybdenum	95-1	5762.10	5009.56	5052.70	5274.79	8.01	ppb
Molybdenum	96-1	5730.77	4980.82	5039.18	5250.26	7.95	ppb
Molybdenum	97-1	5821.64	5068.36	5107.42	5332.48	7.95	ppb
Molybdenum	98-1	5800.25	5122.04	5006.61	5309.64	8.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.18	491.32	507.38	505.29	2.58	ppb
Phosphorus	31-2	10144.01	9957.85	10034.17	10045.34	0.93	ppb
Potassium	39-2	26372.03	25314.35	26532.18	26072.85	2.54	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	82-1	573.33	502.03	510.13	528.50	7.39	ppb
Selenium	77-2	524.87	497.66	520.64	514.39	2.85	ppb
Selenium	78-2	510.88	504.41	494.55	503.28	1.63	ppb
Silicon	28-1	1703.16	1498.49	1511.58	1571.08	7.29	ppb
Silver	107-1	573.79	503.33	521.64	532.92	6.86	ppb
Silver	109-1	560.33	520.32	520.92	533.86	4.29	ppb
Sodium	23-2	56489.90	52720.13	55558.27	54922.77	3.58	ppb
Strontium	86-1	14013.68	12730.45	12724.80	13156.31	5.64	ppb
Strontium	88-1	14203.46	12483.05	12599.31	13095.27	7.34	ppb
Sulfur	34-1	16080.54	11369.61	12270.83	13240.32	18.89	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	553.56	501.87	506.10	520.51	5.51	ppb
Thallium	205-1	568.74	496.35	492.27	519.12	8.29	ppb
Tin	118-1	570.06	512.25	505.70	529.33	6.69	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5637.10	5084.49	5080.05	5267.21	6.08	ppb
Uranium	238-1	581.44	493.71	482.18	519.11	10.46	ppb
Vanadium	51-2	503.63	489.20	499.03	497.29	1.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	5101.06	4842.50	4964.01	4969.19	2.60	ppb
Zirconium	90-1	606.91	513.94	524.85	548.57	9.26	ppb
Zirconium	91-1	579.67	511.88	511.74	534.43	7.33	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20537.94	20925.99	20405.67	20623.20	1.31	ppb
Antimony	121-1	965.35	1000.78	1007.26	991.13	2.28	ppb
Arsenic	75-2	1021.42	992.69	993.14	1002.42	1.64	ppb
Barium	135-1	4737.49	4986.93	5068.49	4930.97	3.50	ppb
Barium	137-1	4810.83	4934.98	4995.37	4913.72	1.91	ppb
Beryllium	9-1	956.51	1030.17	995.71	994.13	3.71	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	605.40	663.61	674.11	647.70	5.71	ppb
Boron	11-1	623.78	678.83	705.80	669.47	6.24	ppb
Bromine	81-1						cps
Cadmium	111-1	959.44	977.96	1008.48	981.96	2.52	ppb
Cadmium	106-1	932.59	967.21	1034.83	978.21	5.32	ppb
Cadmium	108-1	962.17	973.97	1002.61	979.58	2.12	ppb
Calcium	43-1	114141.60	118226.08	120871.62	117746.44	2.88	ppb
Calcium	44-1	109373.05	111577.95	114882.61	111944.54	2.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1010.85	1044.88	975.06	1010.26	3.46	ppb
Cobalt	59-2	1019.80	1014.05	993.91	1009.25	1.35	ppb
Copper	63-2	10017.32	9893.10	10050.40	9986.94	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				100		%
Iron	54-2	54121.71	56187.11	53857.31	54722.04	2.33	ppb
Iron	56-2	54778.00	56127.52	55720.21	55541.91	1.25	ppb
Iron	57-2	53573.42	54701.04	54667.98	54314.15	1.18	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4835.72	4898.95	5140.46	4958.38	3.24	ppb
Lead	207-1	4788.88	4949.11	5134.34	4957.44	3.49	ppb
Lead	208-1	4791.16	4936.66	5140.79	4956.20	3.54	ppb
Lithium	6-1				101		%
Magnesium	24-2	109038.38	111714.85	107373.04	109375.43	2.00	ppb
Manganese	55-2	9873.67	10139.71	9946.37	9986.58	1.38	ppb
Molybdenum	94-1	9372.08	10086.92	10084.23	9847.74	4.18	ppb
Molybdenum	95-1	9438.15	10052.13	10104.91	9865.06	3.76	ppb
Molybdenum	96-1	9614.20	9941.33	10074.89	9876.80	2.40	ppb
Molybdenum	97-1	9416.68	9902.14	10182.29	9833.70	3.94	ppb
Molybdenum	98-1	9428.09	9816.22	10314.87	9853.06	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.36	1008.43	994.93	996.90	1.07	ppb
Phosphorus	31-2	19997.27	20045.55	19924.92	19989.25	0.30	ppb
Potassium	39-2	52528.61	52514.33	51410.49	52151.14	1.23	ppb
Rhodium	103-1				106		%
Rhodium	103-2				101		%
Scandium	45-1				110		%
Scandium	45-2				101		%
Selenium	82-1	949.18	1005.39	998.78	984.45	3.12	ppb
Selenium	77-2	1021.17	999.17	944.12	988.15	4.02	ppb
Selenium	78-2	1007.32	994.65	991.29	997.76	0.85	ppb
Silicon	28-1	255.51	307.77	340.35	301.21	14.21	ppb
Silver	107-1	959.84	975.91	1015.50	983.75	2.91	ppb
Silver	109-1	968.89	967.90	1011.61	982.80	2.54	ppb
Sodium	23-2	105342.75	107566.95	106759.68	106556.46	1.06	ppb
Strontium	86-1	23690.57	24896.69	25480.75	24689.34	3.70	ppb
Strontium	88-1	23629.23	25191.65	25282.07	24700.98	3.76	ppb
Sulfur	34-1	17813.03	17791.55	19549.53	18384.70	5.49	ppb
Terbium	159-1				110		%
Terbium	159-2				105		%
Thallium	203-1	971.17	969.96	1039.59	993.57	4.01	ppb
Thallium	205-1	949.68	989.89	1036.13	991.90	4.36	ppb
Tin	118-1	967.83	975.29	1014.52	985.88	2.54	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9485.55	9857.85	10274.50	9872.63	4.00	ppb
Uranium	238-1	980.60	982.58	1015.38	992.85	1.97	ppb
Vanadium	51-2	1005.57	1013.94	990.96	1003.49	1.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				102		%
Zinc	66-2	9891.78	10111.18	10044.38	10015.78	1.12	ppb
Zirconium	90-1	923.83	998.36	997.34	973.18	4.39	ppb
Zirconium	91-1	958.28	999.58	988.96	982.27	2.18	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98227.89	101527.64	99578.46	99778.00	1.66	ppb
Antimony	121-1	0.55	0.55	0.64	0.58	8.72	ppb
Arsenic	75-2	0.21	0.20	1.75	0.72	123.71	ppb
Barium	135-1	3.29	2.82	2.75	2.95	9.97	ppb
Barium	137-1	3.34	2.84	2.94	3.04	8.62	ppb
Beryllium	9-1	0.37	0.29	0.30	0.32	13.84	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	85.02	77.43	72.14	78.19	8.28	ppb
Boron	11-1	89.49	79.53	73.81	80.95	9.80	ppb
Bromine	81-1						cps
Cadmium	111-1	0.40	0.34	0.33	0.35	9.97	ppb
Cadmium	106-1	1.29	2.35	0.28	1.31	79.22	ppb
Cadmium	108-1	0.52	0.45	0.56	0.51	10.25	ppb
Calcium	43-1	482955.40	507665.49	494643.30	495088.06	2.50	ppb
Calcium	44-1	491213.82	491820.29	506106.24	496380.12	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	6.55	6.93	7.73	7.07	8.46	ppb
Cobalt	59-2	0.85	0.78	2.19	1.27	62.61	ppb
Copper	63-2	1.57	1.52	19.11	7.40	136.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	54-2	248766.23	253691.48	243711.19	248722.97	2.01	ppb
Iron	56-2	249616.13	248055.35	248013.10	248561.53	0.37	ppb
Iron	57-2	245151.25	254227.83	247714.79	249031.29	1.88	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.13	0.92	0.88	0.98	13.41	ppb
Lead	207-1	0.98	0.86	0.85	0.90	8.41	ppb
Lead	208-1	1.05	0.88	0.86	0.93	11.15	ppb
Lithium	6-1				95		%
Magnesium	24-2	489610.33	505120.46	497482.44	497404.41	1.56	ppb
Manganese	55-2	4.36	4.47	14.66	7.83	75.60	ppb
Molybdenum	94-1	2.65	2.05	1.95	2.22	17.20	ppb
Molybdenum	95-1	2.18	1.59	1.71	1.82	17.08	ppb
Molybdenum	96-1	3.88	3.33	3.40	3.54	8.47	ppb
Molybdenum	97-1	2.35	2.11	1.68	2.05	16.64	ppb
Molybdenum	98-1	2.32	1.73	1.77	1.94	16.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.23	3.49	2.62	28.54	ppb
Phosphorus	31-2	-2.08	-6.51	5.10	-1.16		ppb
Potassium	39-2	246604.80	253632.80	248080.44	249439.35	1.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				107		%
Scandium	45-2				100		%
Selenium	82-1	1.22	0.76	0.96	0.98	23.46	ppb
Selenium	77-2	1.06	0.00	1.05	0.71	86.60	ppb
Selenium	78-2	1.34	1.98	1.57	1.63	19.92	ppb
Silicon	28-1	44.46	38.77	36.72	39.98	10.03	ppb
Silver	107-1	0.41	0.38	0.38	0.39	3.53	ppb
Silver	109-1	0.40	0.41	0.38	0.40	3.20	ppb
Sodium	23-2	498505.94	498631.89	497035.61	498057.81	0.18	ppb
Strontium	86-1	6.94	5.89	6.10	6.31	8.74	ppb
Strontium	88-1	7.18	6.43	6.15	6.59	8.07	ppb
Sulfur	34-1	-3552.13	-3135.19	-3072.47	-3253.27		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.22	0.18	0.16	0.19	14.75	ppb
Thallium	205-1	0.22	0.19	0.19	0.20	11.01	ppb
Tin	118-1	0.50	0.46	0.40	0.45	11.05	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.27	1.25	1.02	1.18	12.07	ppb
Uranium	238-1	0.09	0.06	0.05	0.07	32.87	ppb
Vanadium	51-2	0.30	0.33	0.74	0.46	53.35	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	6.34	6.36	23.17	11.95	81.24	ppb
Zirconium	90-1	0.25	0.18	0.18	0.20	21.17	ppb
Zirconium	91-1	0.22	0.12	0.10	0.15	44.94	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	529.12	541.26	526.59	532.32	1.47	ppb
Antimony	121-1	188.41	199.87	195.30	194.53	2.96	ppb
Arsenic	75-2	204.02	210.46	205.24	206.57	1.66	ppb
Barium	135-1	97.36	103.58	101.55	100.83	3.14	ppb
Barium	137-1	100.40	104.95	103.06	102.80	2.22	ppb
Beryllium	9-1	94.19	97.86	95.74	95.93	1.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	354.56	373.84	369.48	365.96	2.76	ppb
Boron	11-1	365.03	383.92	377.58	375.51	2.56	ppb
Bromine	81-1						cps
Cadmium	111-1	100.39	102.85	100.48	101.24	1.37	ppb
Cadmium	106-1	171.67	181.98	171.33	174.99	3.46	ppb
Cadmium	108-1	159.52	170.37	165.84	165.24	3.30	ppb
Calcium	43-1	2263.52	2261.69	2309.20	2278.14	1.18	ppb
Calcium	44-1	2164.20	2204.95	2226.88	2198.68	1.45	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	99.15	101.21	99.83	100.06	1.05	ppb
Cobalt	59-2	101.67	100.46	99.13	100.42	1.26	ppb
Copper	63-2	98.47	99.66	98.37	98.83	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				100		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	2173.96	2177.05	2127.98	2159.66	1.27	ppb
Iron	56-2	2184.44	2290.40	2164.86	2213.23	3.05	ppb
Iron	57-2	2052.27	2110.49	1982.21	2048.32	3.14	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	197.52	201.71	193.86	197.70	1.99	ppb
Lead	207-1	185.37	191.93	186.16	187.82	1.91	ppb
Lead	208-1	189.18	197.42	191.05	192.55	2.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	1247.14	1285.35	1244.56	1259.02	1.81	ppb
Manganese	55-2	101.24	102.08	97.74	100.35	2.29	ppb
Molybdenum	94-1	4566.60	4671.33	4639.17	4625.70	1.16	ppb
Molybdenum	95-1	4526.35	4708.21	4506.94	4580.50	2.42	ppb
Molybdenum	96-1	4453.06	4654.22	4559.10	4555.46	2.21	ppb
Molybdenum	97-1	4453.61	4637.51	4532.42	4541.18	2.03	ppb
Molybdenum	98-1	4451.93	4706.28	4698.14	4618.78	3.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	113.07	113.76	111.37	112.73	1.09	ppb
Phosphorus	31-2	-29.73	-3.79	-1.61	-11.71		ppb
Potassium	39-2	2037.02	2104.70	2034.97	2058.89	1.93	ppb
Rhodium	103-1				109		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	200.41	210.07	204.77	205.08	2.36	ppb
Selenium	77-2	216.62	210.64	218.41	215.23	1.89	ppb
Selenium	78-2	200.15	204.97	203.02	202.71	1.20	ppb
Silicon	28-1	103.19	137.54	150.61	130.44	18.78	ppb
Silver	107-1	51.01	52.38	51.47	51.62	1.35	ppb
Silver	109-1	50.58	53.31	52.64	52.17	2.73	ppb
Sodium	23-2	2120.15	2203.96	2171.79	2165.30	1.95	ppb
Strontium	86-1	471.24	488.51	480.93	480.23	1.80	ppb
Strontium	88-1	461.05	487.14	481.76	476.65	2.89	ppb
Sulfur	34-1	-3339.68	-3747.69	-3161.36	-3416.24		ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	209.96	210.50	204.93	208.46	1.48	ppb
Thallium	205-1	220.28	218.78	215.53	218.20	1.11	ppb
Tin	118-1	476.05	505.13	509.89	497.02	3.69	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4734.60	4803.92	4866.11	4801.54	1.37	ppb
Uranium	238-1	505.36	529.63	524.79	519.93	2.47	ppb
Vanadium	51-2	97.63	100.57	97.11	98.44	1.89	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	209.88	211.25	208.06	209.73	0.76	ppb
Zirconium	90-1	475.13	482.37	469.78	475.76	1.33	ppb
Zirconium	91-1	459.97	482.28	469.48	470.57	2.38	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.66	22.26	21.18	22.37	5.57	ppb
Antimony	121-1	1.98	1.95	1.98	1.97	0.99	ppb
Arsenic	75-2	1.11	1.03	1.23	1.12	8.85	ppb
Barium	135-1	9.36	9.95	9.87	9.73	3.26	ppb
Barium	137-1	9.95	10.01	10.07	10.01	0.57	ppb
Beryllium	9-1	1.06	1.08	1.11	1.08	2.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	22.99	23.95	24.45	23.80	3.11	ppb
Boron	11-1	23.40	25.05	25.47	24.64	4.44	ppb
Bromine	81-1						cps
Cadmium	111-1	1.14	1.06	1.04	1.08	4.58	ppb
Cadmium	106-1	0.62	-1.52	-1.81	-0.90		ppb
Cadmium	108-1	0.99	1.03	1.08	1.03	4.80	ppb
Calcium	43-1	524.97	526.01	521.59	524.19	0.44	ppb
Calcium	44-1	529.66	521.43	526.75	525.95	0.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.17	2.19	1.96	2.11	6.10	ppb
Cobalt	59-2	1.13	1.05	1.00	1.06	6.21	ppb
Copper	63-2	2.46	2.18	2.04	2.23	9.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				109		%
Indium	115-2				99		%
Iron	54-2	62.68	58.06	50.70	57.15	10.57	ppb
Iron	56-2	60.07	54.13	53.50	55.90	6.49	ppb
Iron	57-2	52.01	59.61	48.42	53.35	10.71	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.91	0.89	0.90	1.22	ppb
Lead	207-1	0.86	0.81	0.92	0.86	6.20	ppb
Lead	208-1	0.92	0.88	0.88	0.89	2.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	584.54	526.27	522.61	544.47	6.38	ppb
Manganese	55-2	1.22	1.09	0.94	1.08	13.06	ppb
Molybdenum	94-1	5.56	5.55	5.63	5.58	0.83	ppb
Molybdenum	95-1	4.88	4.88	4.85	4.87	0.40	ppb
Molybdenum	96-1	4.82	4.82	4.99	4.88	2.03	ppb
Molybdenum	97-1	4.58	5.19	4.93	4.90	6.25	ppb
Molybdenum	98-1	4.76	4.86	4.78	4.80	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.18	1.05	1.06	10.56	ppb
Phosphorus	31-2	19.03	7.47	2.73	9.74	86.06	ppb
Potassium	39-2	598.98	533.80	513.31	548.69	8.15	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	5.21	5.68	5.83	5.57	5.81	ppb
Selenium	77-2	5.73	5.41	1.10	4.08	63.37	ppb
Selenium	78-2	7.21	6.46	5.11	6.26	16.98	ppb
Silicon	28-1	2.69	0.68	1.43	1.60	63.51	ppb
Silver	107-1	1.01	0.99	1.06	1.02	3.40	ppb
Silver	109-1	0.96	1.11	1.07	1.05	7.33	ppb
Sodium	23-2	589.66	544.22	537.71	557.20	5.08	ppb
Strontium	86-1	0.86	0.97	1.02	0.95	8.21	ppb
Strontium	88-1	1.03	0.95	1.01	0.99	4.20	ppb
Sulfur	34-1	-2604.55	-3124.23	-3151.93	-2960.23		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.05	1.02	0.92	1.00	6.92	ppb
Thallium	205-1	1.01	0.90	0.87	0.93	7.67	ppb
Tin	118-1	4.96	5.01	5.01	4.99	0.57	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.08	4.45	4.67	4.73	6.68	ppb
Uranium	238-1	0.98	0.92	0.93	0.94	3.64	ppb
Vanadium	51-2	5.34	4.98	4.68	5.00	6.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				99		%
Zinc	66-2	2.72	2.11	2.26	2.36	13.37	ppb
Zirconium	90-1	0.98	0.95	0.95	0.96	2.00	ppb
Zirconium	91-1	1.06	0.84	0.95	0.95	11.49	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:02:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.23	0.19	0.06	0.01	2502.64	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	50.29	ppb
Arsenic	75-2	0.02	0.04	0.00	0.02	76.27	ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	3.33	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	7.24	8.36	8.58	8.06	8.92	ppb
Boron	11-1	7.64	8.21	8.78	8.21	6.93	ppb
Bromine	81-1						cps
Cadmium	111-1	0.05	0.02	-0.01	0.02	138.03	ppb
Cadmium	106-1	3.47	0.37	-0.66	1.06	203.03	ppb
Cadmium	108-1	-0.11	-0.19	0.08	-0.07		ppb
Calcium	43-1	-0.05	-0.42	-0.49	-0.32		ppb
Calcium	44-1	-2.15	-1.15	3.78	0.16	1975.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.06	0.08	0.06	36.64	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	71.62	ppb
Copper	63-2	0.08	0.09	0.11	0.09	15.13	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				100		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	54-2	1.26	-0.60	-0.70	-0.01		ppb
Iron	56-2	0.58	0.37	0.27	0.40	39.37	ppb
Iron	57-2	0.26	0.41	0.62	0.43	42.34	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:02:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.03	0.04	0.02	148.43	ppb
Lead	207-1	0.00	0.00	-0.01	0.00		ppb
Lead	208-1	0.00	0.01	0.02	0.01	125.48	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.20	0.17	-0.14	0.08	240.83	ppb
Manganese	55-2	0.02	-0.02	0.01	0.00	838.83	ppb
Molybdenum	94-1	0.08	0.08	0.04	0.07	38.38	ppb
Molybdenum	95-1	0.10	0.05	0.07	0.07	33.53	ppb
Molybdenum	96-1	0.08	0.05	0.02	0.05	66.46	ppb
Molybdenum	97-1	0.10	0.03	0.02	0.05	85.16	ppb
Molybdenum	98-1	0.09	0.04	0.02	0.05	68.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-29.79	22.94	-23.70	-10.18		ppb
Potassium	39-2	9.71	5.24	6.52	7.16	32.16	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	-0.07	0.02	-0.16	-0.07		ppb
Selenium	77-2	0.00	0.00	1.07	0.36	173.21	ppb
Selenium	78-2	0.88	1.69	0.06	0.88	93.30	ppb
Silicon	28-1	-1.51	-0.51	3.09	0.36	677.81	ppb
Silver	107-1	0.00	0.01	0.01	0.01	53.56	ppb
Silver	109-1	0.01	0.01	0.01	0.01	8.15	ppb
Sodium	23-2	20.59	15.06	17.04	17.56	15.95	ppb
Strontium	86-1	-0.14	-0.09	0.11	-0.04		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	192.32	ppb
Sulfur	34-1	-2588.80	-2381.14	120.50	-1616.48		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.02	0.02	0.03	26.42	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	24.61	ppb
Tin	118-1	-0.05	-0.03	-0.02	-0.03		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:02:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.07	-0.01	0.08	126.05	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	19.66	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	170.67	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	0.18	0.00	-0.06	0.04	322.24	ppb
Zirconium	90-1	0.02	0.00	0.01	0.01	83.08	ppb
Zirconium	91-1	0.01	0.02	-0.02	0.01	380.71	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:06:03	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98635.07	93483.71	93345.95	95154.91	3.17	ppb
Antimony	121-1	1.01	1.05	1.06	1.04	2.80	ppb
Arsenic	75-2	0.34	0.47	0.44	0.41	15.52	ppb
Barium	135-1	1.13	1.25	1.42	1.27	11.51	ppb
Barium	137-1	1.31	1.33	1.36	1.33	1.79	ppb
Beryllium	9-1	0.27	0.28	0.25	0.27	5.96	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	7.57	7.66	7.35	7.53	2.16	ppb
Boron	11-1	7.85	8.19	8.06	8.03	2.13	ppb
Bromine	81-1						cps
Cadmium	111-1	0.56	0.59	0.56	0.57	3.04	ppb
Cadmium	106-1	0.21	-1.04	1.51	0.23	565.87	ppb
Cadmium	108-1	11.21	10.94	12.22	11.46	5.90	ppb
Calcium	43-1	98438.03	101266.58	102341.83	100682.15	2.00	ppb
Calcium	44-1	97724.51	100059.20	101514.10	99765.93	1.92	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.62	18.12	17.55	18.10	2.96	ppb
Cobalt	59-2	1.07	1.09	0.97	1.04	6.50	ppb
Copper	63-2	6.69	6.65	6.72	6.69	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				106		%
Indium	115-2				101		%
Iron	54-2	99812.55	98765.54	97858.65	98812.25	0.99	ppb
Iron	56-2	101789.48	101521.63	99554.76	100955.29	1.21	ppb
Iron	57-2	102470.97	101058.61	97667.70	100399.09	2.46	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:06:03	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.24	4.67	4.60	4.51	5.12	ppb
Lead	207-1	3.92	4.21	4.36	4.16	5.38	ppb
Lead	208-1	4.06	4.41	4.46	4.31	5.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	93913.68	95461.56	92091.32	93822.19	1.80	ppb
Manganese	55-2	7.10	6.95	6.83	6.96	1.95	ppb
Molybdenum	94-1	1482.23	1443.09	1440.83	1455.38	1.60	ppb
Molybdenum	95-1	1801.58	1678.59	1786.66	1755.61	3.82	ppb
Molybdenum	96-1	1761.41	1673.00	1740.06	1724.82	2.67	ppb
Molybdenum	97-1	1801.67	1763.74	1769.73	1778.38	1.15	ppb
Molybdenum	98-1	1780.54	1721.06	1734.43	1745.34	1.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.02	4.82	5.03	4.96	2.47	ppb
Phosphorus	31-2	90694.43	90794.08	89204.30	90230.94	0.99	ppb
Potassium	39-2	93944.49	94588.18	92332.25	93621.64	1.24	ppb
Rhodium	103-1				105		%
Rhodium	103-2				99		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	0.35	0.75	0.32	0.47	51.74	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.63	-0.45	-1.22	-0.35		ppb
Silicon	28-1	2.38	3.40	2.44	2.74	20.90	ppb
Silver	107-1	0.03	0.02	0.01	0.02	35.69	ppb
Silver	109-1	0.03	0.01	0.03	0.02	41.54	ppb
Sodium	23-2	101118.04	97596.90	96146.85	98287.26	2.60	ppb
Strontium	86-1	31.96	31.56	32.13	31.88	0.92	ppb
Strontium	88-1	32.40	31.63	31.70	31.91	1.34	ppb
Sulfur	34-1	92095.36	95852.55	90642.36	92863.42	2.90	ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.08	0.10	0.09	0.09	12.04	ppb
Thallium	205-1	0.11	0.10	0.10	0.10	4.97	ppb
Tin	118-1	0.08	0.10	0.07	0.08	19.79	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:06:03	DataFile Name :	019ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1848.47	1934.43	1913.14	1898.68	2.36	ppb
Uranium	238-1	0.02	0.03	0.03	0.03	14.09	ppb
Vanadium	51-2	0.14	0.16	0.13	0.14	12.07	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	10.16	10.75	9.50	10.14	6.18	ppb
Zirconium	90-1	0.01	0.01	0.03	0.01	74.42	ppb
Zirconium	91-1	0.00	0.00	0.01	0.01	157.06	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96906.42	95382.35	96307.26	96198.68	0.80	ppb
Antimony	121-1	19.89	20.62	20.76	20.42	2.27	ppb
Arsenic	75-2	19.98	20.12	19.96	20.02	0.43	ppb
Barium	135-1	20.48	21.72	20.57	20.92	3.32	ppb
Barium	137-1	21.39	21.15	20.80	21.11	1.39	ppb
Beryllium	9-1	20.01	20.04	19.60	19.89	1.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	36.70	37.36	37.63	37.23	1.29	ppb
Boron	11-1	38.54	38.94	39.38	38.95	1.08	ppb
Bromine	81-1						cps
Cadmium	111-1	19.94	19.56	19.84	19.78	0.99	ppb
Cadmium	106-1	28.61	24.95	26.50	26.68	6.88	ppb
Cadmium	108-1	31.50	34.01	32.97	32.83	3.85	ppb
Calcium	43-1	100258.84	100974.26	106323.05	102518.72	3.23	ppb
Calcium	44-1	101613.98	100604.36	104500.11	102239.48	1.98	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.08	38.24	37.30	38.21	2.33	ppb
Cobalt	59-2	20.25	19.84	19.66	19.92	1.50	ppb
Copper	63-2	26.17	25.51	25.82	25.83	1.28	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				110		%
Holmium	165-2				105		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	101908.82	99430.04	99801.38	100380.08	1.33	ppb
Iron	56-2	104334.89	100954.60	104383.35	103224.28	1.90	ppb
Iron	57-2	101814.57	102130.48	101181.21	101708.75	0.48	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	22.94	23.76	23.83	23.51	2.09	ppb
Lead	207-1	21.99	23.16	22.42	22.53	2.63	ppb
Lead	208-1	22.42	23.18	22.93	22.84	1.68	ppb
Lithium	6-1				100		%
Magnesium	24-2	96862.53	95175.47	96149.19	96062.40	0.88	ppb
Manganese	55-2	27.05	27.13	26.51	26.90	1.27	ppb
Molybdenum	94-1	1586.65	1657.87	1614.25	1619.59	2.22	ppb
Molybdenum	95-1	1847.35	1863.25	1868.71	1859.77	0.60	ppb
Molybdenum	96-1	1819.72	1796.46	1812.46	1809.55	0.66	ppb
Molybdenum	97-1	1841.00	1820.34	1860.72	1840.69	1.10	ppb
Molybdenum	98-1	1858.54	1854.78	1845.64	1852.99	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.52	24.85	26.03	25.80	3.32	ppb
Phosphorus	31-2	95449.97	92390.38	92710.60	93516.98	1.80	ppb
Potassium	39-2	98828.05	96006.41	96833.72	97222.73	1.49	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				112		%
Scandium	45-2				99		%
Selenium	82-1	19.81	20.30	20.59	20.23	1.94	ppb
Selenium	77-2	13.98	23.82	19.48	19.09	25.81	ppb
Selenium	78-2	17.44	18.81	18.80	18.35	4.32	ppb
Silicon	28-1	10.03	8.93	8.82	9.26	7.23	ppb
Silver	107-1	18.29	18.40	18.24	18.31	0.43	ppb
Silver	109-1	18.42	18.65	18.51	18.53	0.64	ppb
Sodium	23-2	101012.07	99746.12	98821.18	99859.79	1.10	ppb
Strontium	86-1	79.00	77.94	79.09	78.67	0.82	ppb
Strontium	88-1	78.33	78.37	79.75	78.82	1.03	ppb
Sulfur	34-1	94404.46	93419.51	94620.37	94148.11	0.68	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	19.70	20.07	20.30	20.02	1.50	ppb
Thallium	205-1	19.93	20.18	20.41	20.17	1.18	ppb
Tin	118-1	45.60	47.49	46.47	46.52	2.03	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1941.78	1920.31	2008.07	1956.72	2.34	ppb
Uranium	238-1	45.46	47.29	46.35	46.37	1.97	ppb
Vanadium	51-2	19.73	18.57	18.66	18.99	3.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	30.73	30.36	29.85	30.32	1.46	ppb
Zirconium	90-1	45.83	46.01	45.61	45.81	0.44	ppb
Zirconium	91-1	45.96	45.63	43.55	45.05	2.89	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52850.78	52286.68	50281.19	51806.22	2.61	ppb
Antimony	121-1	484.95	479.50	493.59	486.01	1.46	ppb
Arsenic	75-2	514.49	498.52	503.35	505.45	1.62	ppb
Barium	135-1	2431.47	2520.61	2481.42	2477.83	1.80	ppb
Barium	137-1	2393.93	2523.44	2462.41	2459.92	2.63	ppb
Beryllium	9-1	478.90	494.53	496.45	489.96	1.96	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	707.38	789.08	826.96	774.47	7.89	ppb
Boron	11-1	703.36	777.64	793.37	758.12	6.34	ppb
Bromine	81-1						cps
Cadmium	111-1	473.51	486.89	484.58	481.66	1.48	ppb
Cadmium	106-1	475.68	498.93	477.56	484.05	2.67	ppb
Cadmium	108-1	474.73	508.85	482.37	488.65	3.66	ppb
Calcium	43-1	256092.03	257332.44	260361.87	257928.78	0.85	ppb
Calcium	44-1	257410.38	255576.72	260726.82	257904.64	1.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.69	482.08	464.49	476.42	2.17	ppb
Cobalt	59-2	507.31	492.69	480.70	493.57	2.70	ppb
Copper	63-2	4823.08	4913.78	4700.71	4812.52	2.22	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				111		%
Holmium	165-2				103		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	129742.01	128257.49	125714.14	127904.55	1.59	ppb
Iron	56-2	131252.70	131689.04	127745.92	130229.22	1.66	ppb
Iron	57-2	131454.40	130168.49	127357.29	129660.06	1.62	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2477.42	2473.21	2465.65	2472.09	0.24	ppb
Lead	207-1	2464.85	2482.44	2542.62	2496.64	1.63	ppb
Lead	208-1	2471.13	2491.05	2539.20	2500.46	1.40	ppb
Lithium	6-1				99		%
Magnesium	24-2	270230.11	264244.27	257042.33	263838.91	2.50	ppb
Manganese	55-2	5047.83	5058.36	4785.38	4963.86	3.12	ppb
Molybdenum	94-1	4985.06	5024.04	4985.83	4998.31	0.45	ppb
Molybdenum	95-1	4968.23	5148.22	5130.09	5082.18	1.95	ppb
Molybdenum	96-1	4913.52	5061.72	5092.64	5022.63	1.91	ppb
Molybdenum	97-1	4881.03	5016.80	4940.83	4946.22	1.38	ppb
Molybdenum	98-1	5104.73	5168.12	4896.94	5056.60	2.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	504.86	504.80	498.15	502.60	0.77	ppb
Phosphorus	31-2	9812.37	9394.40	9282.61	9496.46	2.94	ppb
Potassium	39-2	127775.81	127044.35	125897.12	126905.76	0.75	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	82-1	514.70	526.26	520.16	520.37	1.11	ppb
Selenium	77-2	510.88	518.14	562.97	530.67	5.32	ppb
Selenium	78-2	536.52	521.38	502.85	520.25	3.24	ppb
Silicon	28-1	1034.36	1084.70	1061.95	1060.33	2.38	ppb
Silver	107-1	473.83	490.50	467.86	477.40	2.46	ppb
Silver	109-1	472.30	471.53	482.95	475.60	1.34	ppb
Sodium	23-2	266561.54	258632.94	252337.38	259177.29	2.75	ppb
Strontium	86-1	12347.93	12544.47	12624.66	12505.69	1.14	ppb
Strontium	88-1	12402.96	12574.72	12696.26	12557.98	1.17	ppb
Sulfur	34-1	10524.42	10551.80	10549.77	10542.00	0.14	ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	500.59	496.40	509.43	502.14	1.32	ppb
Thallium	205-1	494.52	501.01	483.93	493.15	1.75	ppb
Tin	118-1	476.51	501.33	493.06	490.30	2.58	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4829.62	4935.00	4937.40	4900.67	1.26	ppb
Uranium	238-1	512.35	499.93	494.70	502.33	1.81	ppb
Vanadium	51-2	495.88	493.87	475.02	488.26	2.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	4789.03	4837.54	4710.22	4778.93	1.34	ppb
Zirconium	90-1	505.94	498.29	512.66	505.63	1.42	ppb
Zirconium	91-1	488.35	509.08	507.50	501.64	2.30	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	0.07	-0.25	0.00	26514.10	ppb
Antimony	121-1	0.11	0.08	0.09	0.09	14.70	ppb
Arsenic	75-2	0.01	0.04	0.01	0.02	97.01	ppb
Barium	135-1	0.07	0.01	0.02	0.03	97.30	ppb
Barium	137-1	0.10	0.02	0.02	0.05	100.82	ppb
Beryllium	9-1	0.08	0.05	0.05	0.06	26.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	17.59	15.57	15.83	16.33	6.73	ppb
Boron	11-1	18.47	15.24	15.26	16.32	11.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.08	0.00	0.05	81.01	ppb
Cadmium	106-1	0.87	3.74	0.15	1.58	119.93	ppb
Cadmium	108-1	0.03	0.04	0.13	0.07	90.31	ppb
Calcium	43-1	9.51	0.96	0.86	3.78	131.35	ppb
Calcium	44-1	16.19	1.74	-0.54	5.80	156.48	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.00	0.02	0.02	121.42	ppb
Cobalt	59-2	0.02	0.02	0.01	0.02	22.13	ppb
Copper	63-2	0.18	0.19	0.18	0.18	4.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	0.51	1.11	1.80	1.14	56.75	ppb
Iron	56-2	0.95	1.06	0.96	0.99	6.43	ppb
Iron	57-2	3.80	0.33	0.43	1.52	129.76	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.05	0.03	0.07	65.82	ppb
Lead	207-1	0.15	0.05	0.04	0.08	73.48	ppb
Lead	208-1	0.13	0.03	0.04	0.07	81.68	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.61	0.63	1.56	0.93	57.97	ppb
Manganese	55-2	0.01	0.07	0.06	0.05	69.85	ppb
Molybdenum	94-1	0.32	0.10	0.13	0.18	65.45	ppb
Molybdenum	95-1	0.37	0.15	0.08	0.20	73.23	ppb
Molybdenum	96-1	0.29	0.11	0.06	0.15	78.20	ppb
Molybdenum	97-1	0.31	0.14	0.09	0.18	63.28	ppb
Molybdenum	98-1	0.37	0.09	0.07	0.18	93.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.03	-0.02		ppb
Phosphorus	31-2	-12.39	-12.13	-0.61	-8.37		ppb
Potassium	39-2	47.94	29.97	26.25	34.72	33.40	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	82-1	0.06	-0.25	0.23	0.01	1824.53	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.81	-0.76	1.07	0.70	188.09	ppb
Silicon	28-1	3.67	-1.47	-0.73	0.49	565.21	ppb
Silver	107-1	0.05	0.02	0.03	0.03	42.02	ppb
Silver	109-1	0.04	0.01	0.02	0.02	59.69	ppb
Sodium	23-2	57.93	42.18	47.68	49.26	16.23	ppb
Strontium	86-1	0.50	0.01	-0.09	0.14	225.42	ppb
Strontium	88-1	0.47	0.07	0.02	0.19	129.77	ppb
Sulfur	34-1	-138.70	-2034.77	-2263.52	-1479.00		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.07	0.10	0.09	13.63	ppb
Thallium	205-1	0.11	0.07	0.07	0.08	25.58	ppb
Tin	118-1	0.01	-0.03	-0.05	-0.02		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.10	0.10	0.10	0.10	1.66	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	149.22	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	7569.62	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	0.00	0.05	0.02	0.03	91.33	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	63.92	ppb
Zirconium	91-1	0.04	0.01	0.01	0.02	104.03	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.29	20.04	20.71	20.68	3.02	ppb
Antimony	121-1	1.83	1.97	1.91	1.90	3.88	ppb
Arsenic	75-2	1.18	1.16	1.01	1.12	8.13	ppb
Barium	135-1	9.45	9.83	9.32	9.53	2.76	ppb
Barium	137-1	9.36	10.00	9.62	9.66	3.31	ppb
Beryllium	9-1	1.13	1.12	1.11	1.12	0.59	ppb
Bismuth	209-1				107		%
Bismuth	209-2				104		%
Boron	10-1	21.26	21.90	22.00	21.72	1.87	ppb
Boron	11-1	22.09	22.59	23.09	22.59	2.22	ppb
Bromine	81-1						cps
Cadmium	111-1	1.02	1.02	1.05	1.03	1.24	ppb
Cadmium	106-1	1.15	3.59	5.92	3.55	67.07	ppb
Cadmium	108-1	0.77	1.30	1.27	1.12	26.73	ppb
Calcium	43-1	520.37	541.45	503.79	521.87	3.62	ppb
Calcium	44-1	525.24	532.35	526.07	527.89	0.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	2.01	1.80	1.91	5.39	ppb
Cobalt	59-2	1.02	0.97	0.97	0.99	2.92	ppb
Copper	63-2	2.15	2.14	2.05	2.11	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				109		%
Indium	115-2				103		%
Iron	54-2	53.96	49.14	51.89	51.67	4.68	ppb
Iron	56-2	54.82	52.40	50.73	52.65	3.90	ppb
Iron	57-2	50.64	50.19	47.71	49.52	3.19	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.95	0.89	0.86	0.90	4.75	ppb
Lead	207-1	0.91	0.86	0.95	0.91	4.65	ppb
Lead	208-1	0.93	0.88	0.93	0.92	3.10	ppb
Lithium	6-1				99		%
Magnesium	24-2	533.90	527.95	507.95	523.27	2.60	ppb
Manganese	55-2	1.11	0.96	1.07	1.05	7.24	ppb
Molybdenum	94-1	5.72	5.74	5.78	5.75	0.54	ppb
Molybdenum	95-1	4.91	4.88	4.82	4.87	1.02	ppb
Molybdenum	96-1	4.70	4.76	4.54	4.67	2.42	ppb
Molybdenum	97-1	4.53	4.63	4.63	4.59	1.17	ppb
Molybdenum	98-1	4.77	4.95	4.87	4.86	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.03	1.18	1.11	6.67	ppb
Phosphorus	31-2	-14.00	-0.48	4.19	-3.43		ppb
Potassium	39-2	539.77	509.80	489.58	513.05	4.92	ppb
Rhodium	103-1				109		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				100		%
Selenium	82-1	5.28	5.12	5.83	5.41	6.89	ppb
Selenium	77-2	4.29	3.21	7.46	4.99	44.26	ppb
Selenium	78-2	5.26	5.40	5.18	5.28	2.15	ppb
Silicon	28-1	-1.23	-1.45	-1.31	-1.33		ppb
Silver	107-1	0.94	0.96	1.05	0.98	6.20	ppb
Silver	109-1	1.01	0.99	1.02	1.01	1.32	ppb
Sodium	23-2	557.93	545.64	514.70	539.42	4.13	ppb
Strontium	86-1	0.93	1.05	0.92	0.96	7.65	ppb
Strontium	88-1	1.02	1.07	0.97	1.02	4.88	ppb
Sulfur	34-1	-2629.96	-2680.58	-3080.83	-2797.12		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.87	0.95	0.94	6.70	ppb
Thallium	205-1	0.98	0.95	1.00	0.98	2.25	ppb
Tin	118-1	4.78	5.12	4.96	4.95	3.51	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.04	5.12	5.20	5.12	1.59	ppb
Uranium	238-1	0.93	0.90	0.94	0.92	2.38	ppb
Vanadium	51-2	5.05	4.93	4.47	4.81	6.42	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				102		%
Zinc	66-2	2.16	1.97	2.31	2.15	7.97	ppb
Zirconium	90-1	0.99	0.96	0.97	0.97	1.62	ppb
Zirconium	91-1	1.16	0.89	1.03	1.03	12.87	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3048.61	2358.27	2835.80	2747.56	12.87	ppb
Antimony	121-1	891.02	919.47	863.44	891.31	3.14	ppb
Arsenic	75-2	786.18	610.26	759.43	718.62	13.19	ppb
Barium	135-1	1796.42	1797.78	1690.77	1761.65	3.48	ppb
Barium	137-1	1842.25	1809.24	1742.18	1797.89	2.84	ppb
Beryllium	9-1	230.25	227.62	223.51	227.13	1.50	ppb
Bismuth	209-1				105		%
Bismuth	209-2				113		%
Boron	10-1	847.57	913.23	922.07	894.29	4.55	ppb
Boron	11-1	808.11	879.72	895.24	861.02	5.40	ppb
Bromine	81-1						cps
Cadmium	111-1	596.76	597.08	562.20	585.34	3.42	ppb
Cadmium	106-1	480.91	497.95	471.46	483.44	2.78	ppb
Cadmium	108-1	502.09	498.14	484.49	494.91	1.87	ppb
Calcium	43-1	191.14	185.78	184.10	187.01	1.97	ppb
Calcium	44-1	91.97	84.28	83.11	86.45	5.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	357.02	275.48	335.66	322.72	13.10	ppb
Cobalt	59-2	944.54	711.50	860.62	838.88	14.07	ppb
Copper	63-2	669.25	510.40	627.97	602.54	13.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				110		%
Indium	115-1				110		%
Indium	115-2				112		%
Iron	54-2	3955.31	3016.68	3709.56	3560.52	13.67	ppb
Iron	56-2	3895.94	2993.10	3620.57	3503.20	13.21	ppb
Iron	57-2	3651.58	2860.89	3416.63	3309.70	12.27	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1160.88	1146.20	1138.45	1148.51	0.99	ppb
Lead	207-1	1103.42	1083.07	1078.29	1088.26	1.23	ppb
Lead	208-1	1126.12	1096.63	1105.00	1109.25	1.37	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.52	-0.38	1.22	0.45	177.68	ppb
Manganese	55-2	1347.21	1021.18	1258.71	1209.03	13.94	ppb
Molybdenum	94-1	253.30	252.03	256.21	253.85	0.84	ppb
Molybdenum	95-1	306.86	296.61	316.39	306.62	3.23	ppb
Molybdenum	96-1	295.75	294.06	302.61	297.47	1.52	ppb
Molybdenum	97-1	311.19	301.91	308.26	307.12	1.54	ppb
Molybdenum	98-1	302.92	298.86	305.66	302.48	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1130.92	848.00	1057.86	1012.26	14.51	ppb
Phosphorus	31-2	-1.25	-21.94	-18.81	-14.00		ppb
Potassium	39-2	9.48	-50.34	11.66	-9.73		ppb
Rhodium	103-1				110		%
Rhodium	103-2				110		%
Scandium	45-1				110		%
Scandium	45-2				109		%
Selenium	82-1	785.74	775.45	811.64	790.95	2.36	ppb
Selenium	77-2	758.51	621.51	731.31	703.78	10.31	ppb
Selenium	78-2	775.63	610.33	744.32	710.10	12.37	ppb
Silicon	28-1	11.36	10.48	9.48	10.44	9.03	ppb
Silver	107-1	826.75	825.80	822.43	824.99	0.27	ppb
Silver	109-1	839.37	854.10	792.22	828.56	3.90	ppb
Sodium	23-2	53.77	16.88	47.75	39.47	50.14	ppb
Strontium	86-1	357.52	361.90	367.24	362.22	1.34	ppb
Strontium	88-1	368.04	362.31	376.01	368.79	1.87	ppb
Sulfur	34-1	-2034.30	-3350.93	-3216.84	-2867.36		ppb
Terbium	159-1				107		%
Terbium	159-2				112		%
Thallium	203-1	286.92	272.13	270.99	276.68	3.21	ppb
Thallium	205-1	290.51	281.23	281.63	284.46	1.84	ppb
Tin	118-1	0.02	0.02	-0.01	0.01	233.78	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.13	0.22	0.12	0.16	34.90	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.09	ppb
Vanadium	51-2	1167.37	909.44	1107.12	1061.31	12.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				111		%
Zinc	66-2	519.12	394.70	498.78	470.87	14.17	ppb
Zirconium	90-1	0.10	0.13	0.11	0.11	14.22	ppb
Zirconium	91-1	0.32	0.28	0.39	0.33	17.41	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	58.80	56.20	57.78	57.59	2.28	ppb
Antimony	121-1	0.38	0.37	0.42	0.39	6.63	ppb
Arsenic	75-2	0.05	0.06	0.06	0.06	8.27	ppb
Barium	135-1	0.25	0.10	0.12	0.16	51.80	ppb
Barium	137-1	0.15	0.20	0.15	0.17	18.03	ppb
Beryllium	9-1	0.09	0.06	0.07	0.07	23.45	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	189.20	193.67	187.78	190.22	1.62	ppb
Boron	11-1	198.08	199.58	195.89	197.85	0.94	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.02	0.07	0.05	60.56	ppb
Cadmium	106-1	1.08	-1.06	3.15	1.06	199.31	ppb
Cadmium	108-1	0.08	-0.02	0.02	0.03	194.67	ppb
Calcium	43-1	5.01	4.02	2.87	3.97	26.93	ppb
Calcium	44-1	9.40	7.13	6.68	7.74	18.87	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	0.03	0.02	0.03	31.77	ppb
Cobalt	59-2	0.06	0.06	0.04	0.05	15.66	ppb
Copper	63-2	0.23	0.20	0.21	0.21	5.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				101		%
Iron	54-2	0.95	1.41	-0.49	0.62	158.66	ppb
Iron	56-2	1.74	1.69	1.91	1.78	6.52	ppb
Iron	57-2	1.20	-0.33	1.26	0.71	127.54	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.17	0.15	0.12	0.15	17.75	ppb
Lead	207-1	0.12	0.16	0.17	0.15	18.66	ppb
Lead	208-1	0.14	0.15	0.15	0.14	1.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.38	0.95	1.61	0.98	63.03	ppb
Manganese	55-2	0.06	0.04	0.03	0.04	33.66	ppb
Molybdenum	94-1	1.86	1.74	1.88	1.82	4.06	ppb
Molybdenum	95-1	0.09	0.09	0.07	0.08	12.50	ppb
Molybdenum	96-1	0.26	0.18	0.26	0.23	19.02	ppb
Molybdenum	97-1	0.07	0.06	0.04	0.06	25.11	ppb
Molybdenum	98-1	0.09	0.07	0.06	0.07	20.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.20	0.19	0.20	6.04	ppb
Phosphorus	31-2	-20.86	-28.02	2.23	-15.55		ppb
Potassium	39-2	7.68	-0.69	31.65	12.88	130.30	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	82-1	-0.17	0.34	0.23	0.14	197.50	ppb
Selenium	77-2	0.00	0.00	1.10	0.37	173.21	ppb
Selenium	78-2	-0.27	0.58	0.39	0.23	192.89	ppb
Silicon	28-1	230.91	230.09	231.74	230.91	0.36	ppb
Silver	107-1	0.05	0.04	0.05	0.05	3.76	ppb
Silver	109-1	0.05	0.03	0.01	0.03	59.69	ppb
Sodium	23-2	195.93	180.45	198.09	191.49	5.02	ppb
Strontium	86-1	0.05	0.00	-0.04	0.00	2573.07	ppb
Strontium	88-1	0.06	0.04	0.02	0.04	47.21	ppb
Sulfur	34-1	-2828.28	-3175.59	-3554.88	-3186.25		ppb
Terbium	159-1				109		%
Terbium	159-2				103		%
Thallium	203-1	0.10	0.10	0.07	0.09	21.71	ppb
Thallium	205-1	0.11	0.09	0.10	0.10	9.22	ppb
Tin	118-1	1012.36	969.86	940.13	974.12	3.73	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	238.81	236.53	239.35	238.23	0.63	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	73.07	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	13.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	0.42	0.46	0.62	0.50	20.96	ppb
Zirconium	90-1	0.97	0.98	1.05	1.00	4.14	ppb
Zirconium	91-1	1.00	1.04	0.94	0.99	5.04	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	-0.62	-0.19	-0.40		ppb
Antimony	121-1	0.07	0.07	0.07	0.07	2.36	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	22.70	ppb
Barium	135-1	0.12	0.19	0.18	0.16	23.21	ppb
Barium	137-1	0.12	0.12	0.17	0.14	25.04	ppb
Beryllium	9-1	0.02	0.02	0.02	0.02	3.99	ppb
Bismuth	209-1				165		%
Bismuth	209-2				144		%
Boron	10-1	25.76	24.10	24.34	24.73	3.64	ppb
Boron	11-1	26.09	25.30	25.02	25.47	2.18	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.04	0.04	0.05	19.79	ppb
Cadmium	106-1	1.16	-0.12	1.12	0.72	101.38	ppb
Cadmium	108-1	-0.13	-0.07	-0.12	-0.11		ppb
Calcium	43-1	31671.00	31314.39	32146.47	31710.62	1.32	ppb
Calcium	44-1	32302.33	31399.77	32000.44	31900.85	1.44	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.26	-0.30	-0.25	-0.27		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.06	0.02	0.04	43.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				170		%
Holmium	165-2				146		%
Indium	115-1				173		%
Indium	115-2				148		%
Iron	54-2	-4.82	-4.82	-4.61	-4.75		ppb
Iron	56-2	0.01	-0.09	-0.20	-0.09		ppb
Iron	57-2	39.75	39.63	45.91	41.76	8.60	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.21	0.25	0.19	31.99	ppb
Lead	207-1	0.14	0.16	0.25	0.19	29.87	ppb
Lead	208-1	0.14	0.20	0.26	0.20	30.88	ppb
Lithium	6-1				156		%
Magnesium	24-2	13509.25	13116.70	14432.82	13686.26	4.94	ppb
Manganese	55-2	0.04	0.04	0.02	0.03	32.92	ppb
Molybdenum	94-1	0.07	0.08	0.06	0.07	12.97	ppb
Molybdenum	95-1	0.04	0.06	0.07	0.06	26.69	ppb
Molybdenum	96-1	0.08	0.04	0.05	0.05	36.95	ppb
Molybdenum	97-1	0.05	0.04	0.05	0.05	9.46	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.05	16.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.01	0.00	332.41	ppb
Phosphorus	31-2	-44.00	-41.65	-28.70	-38.12		ppb
Potassium	39-2	11433.62	11646.72	11858.96	11646.43	1.83	ppb
Rhodium	103-1				169		%
Rhodium	103-2				143		%
Scandium	45-1				174		%
Scandium	45-2				141		%
Selenium	82-1	0.09	-0.05	-0.09	-0.01		ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.82	-1.14	-1.12	-1.02		ppb
Silicon	28-1	-17.05	-18.13	-17.35	-17.51		ppb
Silver	107-1	0.01	0.01	0.01	0.01	22.01	ppb
Silver	109-1	0.01	0.01	0.00	0.01	42.53	ppb
Sodium	23-2	69666.37	67761.63	73557.43	70328.48	4.20	ppb
Strontium	86-1	4.44	4.66	4.58	4.56	2.43	ppb
Strontium	88-1	4.82	4.67	4.80	4.76	1.73	ppb
Sulfur	34-1	-10346.26	-10088.41	-9030.91	-9821.86		ppb
Terbium	159-1				171		%
Terbium	159-2				147		%
Thallium	203-1	0.04	0.04	0.03	0.03	17.70	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	16.05	ppb
Tin	118-1	-0.02	-0.07	-0.08	-0.06		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.01	-0.05	0.01	501.58	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	192.19	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	95.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				177		%
Yttrium	89-2				147		%
Zinc	66-2	0.39	0.39	0.53	0.44	19.20	ppb
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3028.41	2984.83	3001.94	3005.06	0.73	ppb
Antimony	121-1	861.31	887.61	918.52	889.15	3.22	ppb
Arsenic	75-2	767.86	779.87	767.67	771.80	0.91	ppb
Barium	135-1	1680.56	1727.67	1788.64	1732.29	3.13	ppb
Barium	137-1	1736.94	1685.41	1747.36	1723.24	1.92	ppb
Beryllium	9-1	216.74	234.91	222.18	224.61	4.15	ppb
Bismuth	209-1				109		%
Bismuth	209-2				104		%
Boron	10-1	807.05	960.76	945.40	904.40	9.36	ppb
Boron	11-1	771.76	880.40	905.10	852.42	8.32	ppb
Bromine	81-1						cps
Cadmium	111-1	575.36	560.92	584.50	573.59	2.07	ppb
Cadmium	106-1	472.58	451.36	463.72	462.55	2.30	ppb
Cadmium	108-1	479.25	474.30	492.74	482.10	1.98	ppb
Calcium	43-1	188.47	190.24	177.15	185.29	3.83	ppb
Calcium	44-1	88.36	84.23	90.45	87.68	3.61	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	355.41	349.77	345.39	350.19	1.43	ppb
Cobalt	59-2	913.65	872.30	882.59	889.51	2.42	ppb
Copper	63-2	667.56	655.94	645.38	656.30	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	3901.66	3854.48	3849.62	3868.59	0.74	ppb
Iron	56-2	3841.81	3843.89	3849.70	3845.13	0.11	ppb
Iron	57-2	3681.78	3558.43	3616.41	3618.87	1.71	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1106.97	1127.01	1125.90	1119.96	1.01	ppb
Lead	207-1	1075.74	1095.49	1076.73	1082.65	1.03	ppb
Lead	208-1	1079.82	1089.76	1096.83	1088.80	0.78	ppb
Lithium	6-1				101		%
Magnesium	24-2	-0.35	0.97	1.18	0.60	138.22	ppb
Manganese	55-2	1355.14	1329.63	1320.66	1335.14	1.34	ppb
Molybdenum	94-1	245.02	261.66	253.64	253.44	3.28	ppb
Molybdenum	95-1	293.21	312.96	307.39	304.52	3.34	ppb
Molybdenum	96-1	289.53	302.80	299.48	297.27	2.32	ppb
Molybdenum	97-1	295.94	302.19	305.13	301.09	1.56	ppb
Molybdenum	98-1	293.51	304.22	301.93	299.89	1.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1116.93	1097.55	1104.16	1106.21	0.89	ppb
Phosphorus	31-2	-25.13	-27.75	-40.24	-31.04		ppb
Potassium	39-2	5.12	16.73	16.43	12.76	51.89	ppb
Rhodium	103-1				112		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				100		%
Selenium	82-1	748.46	803.83	779.91	777.40	3.57	ppb
Selenium	77-2	815.55	821.62	767.89	801.68	3.67	ppb
Selenium	78-2	755.31	777.82	785.63	772.92	2.04	ppb
Silicon	28-1	10.99	9.78	10.87	10.55	6.33	ppb
Silver	107-1	803.14	784.07	807.39	798.20	1.56	ppb
Silver	109-1	794.42	801.58	837.47	811.16	2.84	ppb
Sodium	23-2	53.72	56.68	59.65	56.68	5.23	ppb
Strontium	86-1	349.89	364.56	359.43	357.96	2.08	ppb
Strontium	88-1	354.28	374.78	359.83	362.96	2.92	ppb
Sulfur	34-1	-2228.17	-3199.93	-2838.07	-2755.39		ppb
Terbium	159-1				109		%
Terbium	159-2				104		%
Thallium	203-1	264.10	274.91	269.64	269.55	2.01	ppb
Thallium	205-1	269.46	286.84	280.86	279.05	3.16	ppb
Tin	118-1	-0.06	-0.01	-0.03	-0.03		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.15	0.13	0.18	0.15	18.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	56.69	ppb
Vanadium	51-2	1205.32	1177.24	1166.69	1183.08	1.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				113		%
Yttrium	89-2				104		%
Zinc	66-2	518.37	507.19	501.24	508.93	1.71	ppb
Zirconium	90-1	0.10	0.08	0.08	0.09	13.02	ppb
Zirconium	91-1	0.26	0.39	0.36	0.34	19.20	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56.53	53.50	56.53	55.52	3.15	ppb
Antimony	121-1	0.38	0.41	0.47	0.42	11.38	ppb
Arsenic	75-2	0.07	0.09	0.09	0.08	16.23	ppb
Barium	135-1	0.35	0.16	0.15	0.22	50.82	ppb
Barium	137-1	0.26	0.18	0.17	0.20	24.14	ppb
Beryllium	9-1	0.09	0.06	0.07	0.07	19.23	ppb
Bismuth	209-1				106		%
Bismuth	209-2				104		%
Boron	10-1	196.93	201.53	204.57	201.01	1.91	ppb
Boron	11-1	206.01	210.17	213.18	209.79	1.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.06	0.05	0.09	60.20	ppb
Cadmium	106-1	6.31	0.49	0.06	2.29	152.83	ppb
Cadmium	108-1	0.22	0.08	-0.11	0.06	261.09	ppb
Calcium	43-1	2.13	0.38	2.64	1.72	69.03	ppb
Calcium	44-1	7.73	8.14	8.85	8.24	6.86	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.03	0.04	0.04	29.77	ppb
Cobalt	59-2	0.09	0.08	0.05	0.07	26.75	ppb
Copper	63-2	0.15	0.15	0.19	0.16	13.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	54-2	1.60	0.71	0.82	1.04	46.68	ppb
Iron	56-2	1.60	1.48	1.37	1.48	7.64	ppb
Iron	57-2	4.54	2.63	3.00	3.39	29.89	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.16	0.18	0.18	8.77	ppb
Lead	207-1	0.16	0.13	0.19	0.16	17.80	ppb
Lead	208-1	0.19	0.15	0.17	0.17	9.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.43	0.89	1.04	1.12	25.02	ppb
Manganese	55-2	0.07	0.04	0.03	0.04	43.22	ppb
Molybdenum	94-1	1.65	1.67	1.63	1.65	1.11	ppb
Molybdenum	95-1	0.09	0.05	0.08	0.07	33.25	ppb
Molybdenum	96-1	0.21	0.21	0.25	0.22	8.28	ppb
Molybdenum	97-1	0.10	0.03	0.08	0.07	46.85	ppb
Molybdenum	98-1	0.11	0.04	0.05	0.06	62.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.24	0.14	0.20	25.68	ppb
Phosphorus	31-2	-27.59	-34.29	-9.97	-23.95		ppb
Potassium	39-2	2.03	20.00	19.88	13.97	74.01	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				100		%
Selenium	82-1	0.08	-0.32	0.53	0.10	439.59	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.01	0.04	0.50	0.18	160.71	ppb
Silicon	28-1	226.31	233.18	238.24	232.58	2.57	ppb
Silver	107-1	0.07	0.02	0.01	0.03	81.93	ppb
Silver	109-1	0.06	0.03	0.03	0.04	49.57	ppb
Sodium	23-2	198.41	183.87	187.33	189.87	4.00	ppb
Strontium	86-1	-0.05	-0.03	-0.01	-0.03		ppb
Strontium	88-1	0.04	0.02	0.01	0.03	46.05	ppb
Sulfur	34-1	-3102.59	-3268.15	-2628.79	-2999.84		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.14	0.07	0.08	0.10	37.42	ppb
Thallium	205-1	0.10	0.09	0.11	0.10	8.14	ppb
Tin	118-1	999.80	995.10	985.25	993.38	0.75	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	241.79	234.67	240.23	238.89	1.57	ppb
Uranium	238-1	0.00	0.01	0.00	0.01	60.30	ppb
Vanadium	51-2	0.04	0.03	0.02	0.03	38.45	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				102		%
Zinc	66-2	0.20	0.35	0.31	0.29	26.59	ppb
Zirconium	90-1	0.88	0.88	0.97	0.91	5.57	ppb
Zirconium	91-1	0.85	0.86	0.97	0.89	7.63	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.51	-0.47	-0.48		ppb
Antimony	121-1	0.05	0.05	0.05	0.05	4.01	ppb
Arsenic	75-2	0.05	0.02	0.02	0.03	48.23	ppb
Barium	135-1	0.14	0.15	0.14	0.14	4.62	ppb
Barium	137-1	0.15	0.13	0.18	0.16	16.09	ppb
Beryllium	9-1	0.02	0.03	0.03	0.03	5.13	ppb
Bismuth	209-1				164		%
Bismuth	209-2				145		%
Boron	10-1	28.47	29.04	28.38	28.63	1.25	ppb
Boron	11-1	29.71	29.66	29.67	29.68	0.08	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.02	0.03	0.04	63.29	ppb
Cadmium	106-1	2.69	0.52	0.50	1.23	101.79	ppb
Cadmium	108-1	-0.11	0.01	-0.18	-0.09		ppb
Calcium	43-1	31180.84	31786.90	30746.24	31237.99	1.67	ppb
Calcium	44-1	32007.34	32393.01	31088.25	31829.53	2.11	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.28	-0.29	-0.30	-0.29		ppb
Cobalt	59-2	0.01	-0.01	-0.01	0.00		ppb
Copper	63-2	0.02	0.02	0.04	0.03	54.13	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				170		%
Holmium	165-2				145		%
Indium	115-1				173		%
Indium	115-2				146		%
Iron	54-2	-5.08	-4.49	-3.66	-4.41		ppb
Iron	56-2	-0.31	-0.33	-0.27	-0.31		ppb
Iron	57-2	33.81	36.84	46.36	39.01	16.79	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.12	0.19	0.23	0.18	30.57	ppb
Lead	207-1	0.14	0.17	0.21	0.17	20.21	ppb
Lead	208-1	0.14	0.20	0.22	0.19	22.52	ppb
Lithium	6-1				151		%
Magnesium	24-2	13266.57	13697.55	14424.80	13796.31	4.24	ppb
Manganese	55-2	0.03	0.04	0.04	0.04	2.75	ppb
Molybdenum	94-1	0.02	0.06	-0.01	0.02	145.75	ppb
Molybdenum	95-1	0.07	0.06	0.06	0.06	13.74	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	33.39	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	25.38	ppb
Molybdenum	98-1	0.04	0.02	0.04	0.03	27.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	37.59	ppb
Phosphorus	31-2	-42.59	-41.76	-21.18	-35.18		ppb
Potassium	39-2	11069.77	11213.44	11743.05	11342.08	3.13	ppb
Rhodium	103-1				168		%
Rhodium	103-2				141		%
Scandium	45-1				177		%
Scandium	45-2				142		%
Selenium	82-1	0.11	-0.07	0.13	0.06	192.27	ppb
Selenium	77-2	0.73	0.00	0.76	0.50	86.65	ppb
Selenium	78-2	0.14	-1.15	-1.15	-0.72		ppb
Silicon	28-1	-17.98	-17.77	-18.21	-17.99		ppb
Silver	107-1	0.00	0.00	0.01	0.00	104.15	ppb
Silver	109-1	0.00	0.00	0.00	0.00	1381.63	ppb
Sodium	23-2	69389.38	69274.77	72573.28	70412.48	2.66	ppb
Strontium	86-1	4.82	4.73	4.53	4.70	3.11	ppb
Strontium	88-1	4.81	4.84	4.73	4.79	1.18	ppb
Sulfur	34-1	-10346.31	-9387.51	-9287.49	-9673.77		ppb
Terbium	159-1				171		%
Terbium	159-2				145		%
Thallium	203-1	0.03	0.03	0.04	0.03	14.45	ppb
Thallium	205-1	0.05	0.03	0.05	0.04	26.32	ppb
Tin	118-1	-0.06	-0.09	-0.09	-0.08		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.06	-0.03	0.04	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	54.69	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				175		%
Yttrium	89-2				147		%
Zinc	66-2	0.30	0.34	0.41	0.35	15.40	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	425.45	ppb
Zirconium	91-1	0.00	-0.02	-0.01	-0.01		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1470.24	1458.11	1465.36	1464.57	0.42	ppb
Antimony	121-1	445.81	436.57	452.84	445.08	1.83	ppb
Arsenic	75-2	390.49	385.09	372.22	382.60	2.45	ppb
Barium	135-1	831.31	833.35	877.42	847.36	3.07	ppb
Barium	137-1	861.32	855.22	892.15	869.56	2.28	ppb
Beryllium	9-1	113.28	110.84	114.25	112.79	1.56	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	449.40	472.12	502.62	474.71	5.62	ppb
Boron	11-1	459.77	484.59	531.23	491.86	7.38	ppb
Bromine	81-1						cps
Cadmium	111-1	284.09	283.79	287.48	285.12	0.72	ppb
Cadmium	106-1	234.92	240.28	245.47	240.22	2.20	ppb
Cadmium	108-1	247.56	238.95	248.21	244.91	2.11	ppb
Calcium	43-1	92.48	96.61	96.40	95.16	2.45	ppb
Calcium	44-1	44.09	43.63	44.23	43.98	0.71	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	173.02	170.64	171.53	171.73	0.70	ppb
Cobalt	59-2	428.20	425.49	433.04	428.91	0.89	ppb
Copper	63-2	319.38	321.89	328.40	323.22	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				110		%
Indium	115-2				105		%
Iron	54-2	1970.71	1870.12	1925.92	1922.25	2.62	ppb
Iron	56-2	1953.55	1907.26	1927.50	1929.43	1.20	ppb
Iron	57-2	1760.94	1814.09	1726.67	1767.24	2.49	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	584.45	563.65	572.52	573.54	1.82	ppb
Lead	207-1	518.51	502.71	509.35	510.19	1.55	ppb
Lead	208-1	549.40	539.86	546.37	545.21	0.89	ppb
Lithium	6-1				99		%
Magnesium	24-2	-0.02	-0.08	0.14	0.02	752.42	ppb
Manganese	55-2	649.32	641.34	652.46	647.71	0.89	ppb
Molybdenum	94-1	127.23	128.70	127.37	127.76	0.64	ppb
Molybdenum	95-1	154.56	154.75	151.30	153.54	1.26	ppb
Molybdenum	96-1	152.48	151.63	147.04	150.38	1.95	ppb
Molybdenum	97-1	152.16	153.45	153.75	153.12	0.55	ppb
Molybdenum	98-1	154.01	153.72	149.72	152.49	1.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	536.50	541.99	542.30	540.26	0.60	ppb
Phosphorus	31-2	-45.31	-16.08	-1.18	-20.86		ppb
Potassium	39-2	-2.85	2.06	-4.06	-1.62		ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	82-1	399.01	391.81	384.41	391.75	1.86	ppb
Selenium	77-2	408.25	402.30	400.40	403.65	1.01	ppb
Selenium	78-2	394.88	382.00	367.55	381.48	3.58	ppb
Silicon	28-1	3.09	3.87	4.74	3.90	21.09	ppb
Silver	107-1	410.99	395.53	416.48	407.67	2.66	ppb
Silver	109-1	413.01	407.20	410.83	410.35	0.72	ppb
Sodium	23-2	39.57	33.22	41.07	37.95	10.99	ppb
Strontium	86-1	181.59	179.00	183.39	181.33	1.22	ppb
Strontium	88-1	187.49	182.38	187.28	185.72	1.56	ppb
Sulfur	34-1	-2563.51	-2704.57	-2721.47	-2663.19		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	137.34	135.58	135.20	136.04	0.84	ppb
Thallium	205-1	137.97	135.29	136.63	136.63	0.98	ppb
Tin	118-1	-0.03	-0.04	0.02	-0.02		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.12	0.21	0.04	0.13	69.14	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	183.68	ppb
Vanadium	51-2	565.36	566.39	570.49	567.41	0.48	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	250.07	250.40	251.45	250.64	0.29	ppb
Zirconium	90-1	0.03	0.05	0.04	0.04	15.65	ppb
Zirconium	91-1	0.16	0.15	0.15	0.16	2.48	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1529.28	1475.00	1422.17	1475.48	3.63	ppb
Antimony	121-1	429.07	435.48	455.70	440.08	3.16	ppb
Arsenic	75-2	397.08	392.88	368.02	385.99	4.07	ppb
Barium	135-1	860.90	859.19	872.25	864.11	0.82	ppb
Barium	137-1	883.40	891.78	882.88	886.02	0.56	ppb
Beryllium	9-1	115.49	115.50	113.43	114.81	1.04	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	470.31	506.29	514.15	496.92	4.70	ppb
Boron	11-1	486.03	534.78	530.40	517.07	5.22	ppb
Bromine	81-1						cps
Cadmium	111-1	291.29	293.70	295.32	293.44	0.69	ppb
Cadmium	106-1	227.85	237.47	239.58	234.97	2.66	ppb
Cadmium	108-1	244.66	242.89	239.70	242.42	1.04	ppb
Calcium	43-1	90.84	96.59	89.94	92.46	3.90	ppb
Calcium	44-1	44.31	45.87	42.76	44.31	3.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	179.30	172.61	170.96	174.29	2.53	ppb
Cobalt	59-2	444.58	439.83	427.16	437.19	2.06	ppb
Copper	63-2	333.63	327.27	320.19	327.03	2.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				110		%
Indium	115-2				103		%
Iron	54-2	1970.67	1951.81	1942.87	1955.12	0.73	ppb
Iron	56-2	1927.50	2011.43	1883.50	1940.81	3.35	ppb
Iron	57-2	1805.07	1807.87	1721.50	1778.15	2.76	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	579.74	580.71	574.55	578.34	0.57	ppb
Lead	207-1	520.49	567.79	530.54	539.60	4.62	ppb
Lead	208-1	567.10	581.00	554.06	567.39	2.37	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.62	-0.74	0.39	0.09	826.57	ppb
Manganese	55-2	671.41	662.15	641.92	658.49	2.29	ppb
Molybdenum	94-1	128.48	127.41	126.72	127.53	0.69	ppb
Molybdenum	95-1	154.49	154.91	153.73	154.38	0.39	ppb
Molybdenum	96-1	151.52	154.26	153.60	153.13	0.93	ppb
Molybdenum	97-1	155.26	154.57	156.18	155.33	0.52	ppb
Molybdenum	98-1	151.06	154.47	152.28	152.60	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	562.40	556.95	538.93	552.76	2.22	ppb
Phosphorus	31-2	-30.53	-16.70	-17.31	-21.51		ppb
Potassium	39-2	7.72	8.38	16.10	10.73	43.37	ppb
Rhodium	103-1				108		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				99		%
Selenium	82-1	391.47	393.09	394.21	392.92	0.35	ppb
Selenium	77-2	413.78	365.07	386.54	388.46	6.28	ppb
Selenium	78-2	399.85	386.71	368.28	384.94	4.12	ppb
Silicon	28-1	3.76	4.89	3.86	4.17	15.00	ppb
Silver	107-1	400.30	411.28	402.86	404.81	1.42	ppb
Silver	109-1	408.89	420.68	414.96	414.84	1.42	ppb
Sodium	23-2	39.96	42.81	37.96	40.25	6.06	ppb
Strontium	86-1	181.92	188.95	183.11	184.66	2.04	ppb
Strontium	88-1	186.07	185.11	184.96	185.38	0.32	ppb
Sulfur	34-1	-2412.87	-2430.29	-2839.67	-2560.94		ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	138.23	139.21	132.80	136.75	2.52	ppb
Thallium	205-1	135.87	140.69	137.91	138.16	1.75	ppb
Tin	118-1	0.01	0.01	0.03	0.02	56.00	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.05	0.07	0.10	67.08	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	35.39	ppb
Vanadium	51-2	584.80	575.45	566.39	575.55	1.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				103		%
Zinc	66-2	259.85	251.32	245.05	252.07	2.95	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	13.04	ppb
Zirconium	91-1	0.19	0.10	0.12	0.13	35.04	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	0.10	-0.14	-0.08		ppb
Antimony	121-1	0.19	0.23	0.24	0.22	12.80	ppb
Arsenic	75-2	0.05	0.06	0.03	0.05	29.85	ppb
Barium	135-1	0.16	0.06	0.01	0.07	102.60	ppb
Barium	137-1	0.12	0.07	0.05	0.08	40.62	ppb
Beryllium	9-1	0.06	0.06	0.07	0.07	6.20	ppb
Bismuth	209-1				111		%
Bismuth	209-2				115		%
Boron	10-1	69.52	63.88	58.01	63.80	9.02	ppb
Boron	11-1	71.84	66.89	61.95	66.89	7.40	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.06	0.08	0.07	22.73	ppb
Cadmium	106-1	0.69	2.44	2.74	1.96	56.73	ppb
Cadmium	108-1	0.02	0.15	0.01	0.06	130.35	ppb
Calcium	43-1	6381.31	6273.08	6209.83	6288.07	1.38	ppb
Calcium	44-1	6477.27	6398.60	6315.52	6397.13	1.26	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.02	-0.05	-0.06		ppb
Cobalt	59-2	0.02	0.02	0.02	0.02	9.94	ppb
Copper	63-2	0.08	0.09	0.12	0.10	18.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				114		%
Indium	115-1				116		%
Indium	115-2				114		%
Iron	54-2	-1.41	-1.85	-0.05	-1.10		ppb
Iron	56-2	0.09	0.07	0.29	0.15	78.50	ppb
Iron	57-2	10.11	11.41	6.47	9.33	27.46	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.10	0.04	0.07	0.07	44.91	ppb
Lead	207-1	0.04	0.09	0.03	0.06	57.63	ppb
Lead	208-1	0.07	0.06	0.06	0.06	11.46	ppb
Lithium	6-1				103		%
Magnesium	24-2	2389.23	2463.49	2537.83	2463.52	3.02	ppb
Manganese	55-2	0.07	0.06	0.02	0.05	45.32	ppb
Molybdenum	94-1	0.05	0.06	0.02	0.05	45.32	ppb
Molybdenum	95-1	0.04	0.04	0.04	0.04	11.51	ppb
Molybdenum	96-1	0.05	0.02	0.02	0.03	60.91	ppb
Molybdenum	97-1	0.05	0.05	0.02	0.04	45.41	ppb
Molybdenum	98-1	0.04	0.05	0.03	0.04	21.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.13	0.05	0.09	45.41	ppb
Phosphorus	31-2	-11.97	-22.35	-17.55	-17.29		ppb
Potassium	39-2	1907.45	2019.83	2095.63	2007.64	4.72	ppb
Rhodium	103-1				113		%
Rhodium	103-2				113		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	82-1	0.50	0.14	0.35	0.33	54.16	ppb
Selenium	77-2	0.00	0.98	0.00	0.33	173.21	ppb
Selenium	78-2	0.17	0.61	-0.29	0.16	279.52	ppb
Silicon	28-1	-5.88	-6.56	-6.96	-6.47		ppb
Silver	107-1	0.04	0.01	0.01	0.02	73.46	ppb
Silver	109-1	0.02	0.01	0.01	0.01	36.48	ppb
Sodium	23-2	12345.53	12878.77	13314.96	12846.42	3.78	ppb
Strontium	86-1	0.78	0.76	0.86	0.80	6.99	ppb
Strontium	88-1	0.96	0.98	0.93	0.96	2.41	ppb
Sulfur	34-1	-3511.08	-3597.25	-3733.78	-3614.04		ppb
Terbium	159-1				114		%
Terbium	159-2				114		%
Thallium	203-1	0.06	0.07	0.09	0.07	17.36	ppb
Thallium	205-1	0.10	0.09	0.07	0.09	14.48	ppb
Tin	118-1	-0.05	-0.04	-0.02	-0.04		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.05	0.05	0.06	23.55	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	122.21	ppb
Vanadium	51-2	0.02	0.01	0.02	0.02	19.79	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				115		%
Zinc	66-2	0.14	0.25	0.28	0.22	33.82	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	533.73	ppb
Zirconium	91-1	0.01	0.00	-0.01	0.00	5387.50	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54171.91	52262.17	51810.73	52748.27	2.38	ppb
Antimony	121-1	459.40	492.47	482.27	478.05	3.54	ppb
Arsenic	75-2	523.84	510.58	498.90	511.11	2.44	ppb
Barium	135-1	2392.88	2531.29	2434.45	2452.88	2.90	ppb
Barium	137-1	2407.41	2544.09	2522.81	2491.44	2.95	ppb
Beryllium	9-1	479.09	504.33	479.67	487.69	2.95	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	745.30	830.33	829.46	801.70	6.09	ppb
Boron	11-1	719.54	824.49	788.66	777.56	6.86	ppb
Bromine	81-1						cps
Cadmium	111-1	456.78	487.56	477.99	474.11	3.32	ppb
Cadmium	106-1	459.81	491.17	491.89	480.96	3.81	ppb
Cadmium	108-1	468.17	507.40	489.51	488.36	4.02	ppb
Calcium	43-1	249194.32	256645.70	259853.58	255231.20	2.14	ppb
Calcium	44-1	247629.36	254531.77	255810.39	252657.17	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	491.53	474.90	468.47	478.30	2.49	ppb
Cobalt	59-2	506.41	501.89	490.55	499.61	1.64	ppb
Copper	63-2	5119.52	4918.78	4813.81	4950.70	3.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				99		%
Iron	54-2	134138.37	132538.14	128587.46	131754.66	2.17	ppb
Iron	56-2	136372.02	132891.63	131436.06	133566.57	1.90	ppb
Iron	57-2	132168.11	130299.34	128237.28	130234.91	1.51	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2520.21	2546.59	2479.57	2515.46	1.34	ppb
Lead	207-1	2512.18	2549.92	2561.38	2541.16	1.01	ppb
Lead	208-1	2475.31	2536.54	2532.23	2514.70	1.36	ppb
Lithium	6-1				99		%
Magnesium	24-2	268671.20	258756.66	259883.45	262437.10	2.07	ppb
Manganese	55-2	5226.35	4945.06	4984.28	5051.90	3.02	ppb
Molybdenum	94-1	4901.21	4937.09	4894.34	4910.88	0.47	ppb
Molybdenum	95-1	4848.80	4926.53	5010.96	4928.76	1.65	ppb
Molybdenum	96-1	4893.13	4984.16	4979.78	4952.36	1.04	ppb
Molybdenum	97-1	4837.21	5046.77	4860.24	4914.74	2.34	ppb
Molybdenum	98-1	4888.97	4966.75	4900.44	4918.72	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.76	511.65	502.09	511.84	1.92	ppb
Phosphorus	31-2	10431.68	9881.95	9503.87	9939.17	4.69	ppb
Potassium	39-2	129734.08	127514.42	126952.53	128067.01	1.15	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				112		%
Scandium	45-2				99		%
Selenium	82-1	519.47	515.13	514.89	516.50	0.50	ppb
Selenium	77-2	537.74	506.59	549.14	531.16	4.15	ppb
Selenium	78-2	555.18	527.37	518.19	533.58	3.61	ppb
Silicon	28-1	1006.85	1066.31	1063.74	1045.63	3.21	ppb
Silver	107-1	455.11	479.87	458.35	464.44	2.90	ppb
Silver	109-1	456.18	493.73	474.87	474.93	3.95	ppb
Sodium	23-2	264586.73	253150.50	254403.18	257380.14	2.44	ppb
Strontium	86-1	12015.11	12349.51	12481.24	12281.95	1.96	ppb
Strontium	88-1	12641.65	12260.08	12449.60	12450.44	1.53	ppb
Sulfur	34-1	10372.65	10225.90	10544.57	10381.04	1.54	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	509.61	506.28	515.90	510.60	0.96	ppb
Thallium	205-1	512.08	501.74	506.53	506.78	1.02	ppb
Tin	118-1	458.19	509.15	492.71	486.69	5.34	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4806.92	4895.63	4922.16	4874.90	1.24	ppb
Uranium	238-1	510.28	507.66	511.30	509.75	0.37	ppb
Vanadium	51-2	511.06	490.39	483.95	495.14	2.86	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				100		%
Zinc	66-2	4962.04	4868.84	4728.31	4853.06	2.42	ppb
Zirconium	90-1	502.62	496.21	511.06	503.30	1.48	ppb
Zirconium	91-1	488.58	495.34	496.02	493.31	0.83	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	-0.44	0.28	-0.19		ppb
Antimony	121-1	0.07	0.07	0.12	0.09	31.47	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	37.41	ppb
Barium	135-1	0.03	-0.01	-0.01	0.00	413.34	ppb
Barium	137-1	0.04	0.01	0.01	0.02	97.79	ppb
Beryllium	9-1	0.07	0.07	0.07	0.07	4.61	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	31.30	30.70	30.34	30.78	1.58	ppb
Boron	11-1	31.75	31.80	31.40	31.65	0.70	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	0.01	0.01	252.36	ppb
Cadmium	106-1	-2.55	0.05	-1.00	-1.17		ppb
Cadmium	108-1	0.12	-0.07	-0.02	0.01	892.54	ppb
Calcium	43-1	2.57	1.75	1.29	1.87	34.57	ppb
Calcium	44-1	-1.06	-4.63	-3.14	-2.94		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	-0.02	0.01	301.17	ppb
Cobalt	59-2	0.00	0.01	0.03	0.01	101.19	ppb
Copper	63-2	0.21	0.18	0.20	0.19	7.07	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				109		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	54-2	0.80	-0.97	1.99	0.60	246.52	ppb
Iron	56-2	0.56	0.65	0.55	0.59	9.09	ppb
Iron	57-2	2.28	0.14	0.49	0.97	118.05	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.02	0.03	0.04	41.02	ppb
Lead	207-1	0.06	0.01	0.01	0.03	100.03	ppb
Lead	208-1	0.05	0.02	0.03	0.03	48.11	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.92	0.83	1.30	1.02	24.34	ppb
Manganese	55-2	0.06	0.01	0.03	0.03	74.07	ppb
Molybdenum	94-1	0.12	0.09	0.04	0.08	48.14	ppb
Molybdenum	95-1	0.14	0.05	0.11	0.10	44.27	ppb
Molybdenum	96-1	0.16	0.08	0.02	0.09	82.72	ppb
Molybdenum	97-1	0.11	0.06	0.04	0.07	49.92	ppb
Molybdenum	98-1	0.17	0.06	0.05	0.09	69.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.00	0.01	84.49	ppb
Phosphorus	31-2	-43.82	-40.68	-22.87	-35.79		ppb
Potassium	39-2	17.41	9.24	23.47	16.71	42.73	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				99		%
Selenium	82-1	0.24	-0.10	0.80	0.31	145.71	ppb
Selenium	77-2	0.00	2.18	1.08	1.09	100.40	ppb
Selenium	78-2	0.28	-0.05	1.70	0.64	144.85	ppb
Silicon	28-1	-2.47	-3.14	-3.04	-2.88		ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.29	ppb
Silver	109-1	0.03	0.05	0.06	0.05	32.24	ppb
Sodium	23-2	39.54	43.56	36.06	39.72	9.46	ppb
Strontium	86-1	0.08	-0.03	-0.08	-0.01		ppb
Strontium	88-1	0.12	0.02	0.03	0.06	92.96	ppb
Sulfur	34-1	-2485.80	-2860.72	-2438.00	-2594.84		ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.05	0.06	15.55	ppb
Thallium	205-1	0.09	0.07	0.08	0.08	8.10	ppb
Tin	118-1	-0.02	-0.03	-0.06	-0.04		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.01	0.07	0.05	71.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	50.20	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	42.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				112		%
Yttrium	89-2				101		%
Zinc	66-2	0.00	-0.08	-0.04	-0.04		ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	106.31	ppb
Zirconium	91-1	0.00	-0.02	0.00	0.00		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.34	-0.14	0.19	154.22	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	25.98	ppb
Arsenic	75-2	0.01	0.01	0.04	0.02	81.81	ppb
Barium	135-1	0.10	0.04	0.08	0.07	38.31	ppb
Barium	137-1	0.07	0.08	0.09	0.08	9.52	ppb
Beryllium	9-1	0.04	0.04	0.04	0.04	3.70	ppb
Bismuth	209-1				122		%
Bismuth	209-2				119		%
Boron	10-1	18.20	19.71	19.47	19.13	4.25	ppb
Boron	11-1	18.45	19.87	19.99	19.44	4.42	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.07	0.07	0.06	24.87	ppb
Cadmium	106-1	2.52	3.05	3.06	2.88	10.81	ppb
Cadmium	108-1	0.02	-0.08	-0.08	-0.05		ppb
Calcium	43-1	14942.42	15737.80	15933.48	15537.90	3.38	ppb
Calcium	44-1	15065.41	16404.78	15848.23	15772.81	4.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.15	-0.18	-0.11	-0.15		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	163.37	ppb
Copper	63-2	0.09	0.07	0.09	0.08	16.65	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				128		%
Holmium	165-2				115		%
Indium	115-1				127		%
Indium	115-2				114		%
Iron	54-2	-2.70	-1.98	-0.80	-1.83		ppb
Iron	56-2	0.40	0.35	0.51	0.42	18.75	ppb
Iron	57-2	26.49	20.42	23.16	23.36	13.02	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.09	0.06	34.52	ppb
Lead	207-1	0.03	0.06	0.05	0.05	30.71	ppb
Lead	208-1	0.05	0.04	0.07	0.05	22.80	ppb
Lithium	6-1				116		%
Magnesium	24-2	6706.76	6653.83	6743.02	6701.20	0.67	ppb
Manganese	55-2	0.05	0.13	0.05	0.08	57.22	ppb
Molybdenum	94-1	0.06	0.07	0.05	0.06	14.66	ppb
Molybdenum	95-1	0.09	0.04	0.05	0.06	42.04	ppb
Molybdenum	96-1	0.10	0.06	0.09	0.08	25.16	ppb
Molybdenum	97-1	0.06	0.03	0.03	0.04	37.88	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	21.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.01	0.01	44.96	ppb
Phosphorus	31-2	-27.66	-12.64	-26.10	-22.13		ppb
Potassium	39-2	5521.99	5543.59	5675.19	5580.26	1.49	ppb
Rhodium	103-1				124		%
Rhodium	103-2				115		%
Scandium	45-1				128		%
Scandium	45-2				111		%
Selenium	82-1	0.32	0.07	0.16	0.19	68.07	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.03	-0.76	-1.41	-0.73		ppb
Silicon	28-1	-11.32	-10.43	-10.99	-10.92		ppb
Silver	107-1	0.00	0.01	0.01	0.01	55.11	ppb
Silver	109-1	0.01	0.00	0.00	0.00	248.81	ppb
Sodium	23-2	34230.91	34862.92	34690.10	34594.64	0.94	ppb
Strontium	86-1	2.30	2.17	2.05	2.17	5.69	ppb
Strontium	88-1	2.35	2.42	2.38	2.38	1.46	ppb
Sulfur	34-1	-5627.72	-4871.91	-4824.90	-5108.17		ppb
Terbium	159-1				126		%
Terbium	159-2				114		%
Thallium	203-1	0.05	0.05	0.08	0.06	26.44	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	4.20	ppb
Tin	118-1	-0.02	-0.01	0.00	-0.01		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.04	0.01	0.04	0.03	64.48	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	44.09	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	77.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				128		%
Yttrium	89-2				116		%
Zinc	66-2	0.54	0.62	0.43	0.53	18.34	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	109.03	ppb
Zirconium	91-1	-0.02	-0.03	-0.01	-0.02		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.52	0.14	-0.01	0.22	125.11	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	29.93	ppb
Arsenic	75-2	0.02	0.02	0.01	0.02	27.01	ppb
Barium	135-1	0.06	0.04	0.06	0.05	22.68	ppb
Barium	137-1	0.02	0.05	0.02	0.03	44.69	ppb
Beryllium	9-1	0.04	0.03	0.04	0.03	21.11	ppb
Bismuth	209-1				111		%
Bismuth	209-2				108		%
Boron	10-1	17.54	16.90	17.44	17.29	1.98	ppb
Boron	11-1	17.79	17.64	16.89	17.44	2.76	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.07	0.03	0.06	39.18	ppb
Cadmium	106-1	4.68	2.94	-0.52	2.37	111.67	ppb
Cadmium	108-1	-0.07	-0.20	0.01	-0.09		ppb
Calcium	43-1	6134.28	6233.56	6098.36	6155.40	1.14	ppb
Calcium	44-1	6283.78	6317.27	6416.57	6339.21	1.09	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.10	-0.08	-0.09	-0.09		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	38.63	ppb
Copper	63-2	0.12	0.13	0.13	0.13	5.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				106		%
Indium	115-1				116		%
Indium	115-2				106		%
Iron	54-2	-0.47	-0.18	-1.22	-0.63		ppb
Iron	56-2	0.53	0.85	0.84	0.74	24.51	ppb
Iron	57-2	10.08	14.78	9.46	11.44	25.43	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.04	0.06	0.03	0.04	27.40	ppb
Lead	207-1	0.03	0.02	0.02	0.02	34.23	ppb
Lead	208-1	0.04	0.03	0.03	0.04	22.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	2655.02	2598.45	2624.98	2626.15	1.08	ppb
Manganese	55-2	0.02	0.04	0.05	0.04	42.52	ppb
Molybdenum	94-1	0.05	0.02	0.05	0.04	48.38	ppb
Molybdenum	95-1	0.06	0.03	0.04	0.04	33.27	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	15.19	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	58.64	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	22.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.05	0.04	0.06	36.43	ppb
Phosphorus	31-2	-23.06	5.72	11.89	-1.82		ppb
Potassium	39-2	2218.21	2163.53	2149.49	2177.08	1.67	ppb
Rhodium	103-1				114		%
Rhodium	103-2				106		%
Scandium	45-1				117		%
Scandium	45-2				104		%
Selenium	82-1	-0.11	-0.01	0.26	0.05	407.38	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.31	2.47	-0.06	0.90	151.41	ppb
Silicon	28-1	-6.52	-7.01	-6.36	-6.63		ppb
Silver	107-1	0.00	0.00	0.00	0.00	259.53	ppb
Silver	109-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	13905.28	13738.75	13461.42	13701.82	1.64	ppb
Strontium	86-1	1.02	0.75	0.91	0.89	15.23	ppb
Strontium	88-1	0.96	0.95	0.96	0.96	0.66	ppb
Sulfur	34-1	-3541.61	-3462.35	-3155.32	-3386.42		ppb
Terbium	159-1				114		%
Terbium	159-2				106		%
Thallium	203-1	0.08	0.08	0.06	0.07	20.77	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	10.78	ppb
Tin	118-1	-0.04	-0.05	-0.02	-0.04		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.07	0.19	0.10	75.31	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	47.22	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	177.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				117		%
Yttrium	89-2				106		%
Zinc	66-2	0.18	0.14	0.25	0.19	29.38	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	355.64	ppb
Zirconium	91-1	-0.02	0.02	0.01	0.00	466.03	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.09	0.20	0.42	0.24	71.02	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	24.75	ppb
Arsenic	75-2	0.02	0.01	0.01	0.01	59.95	ppb
Barium	135-1	0.01	0.01	0.02	0.01	28.29	ppb
Barium	137-1	0.02	0.01	0.03	0.02	55.98	ppb
Beryllium	9-1	0.05	0.03	0.03	0.03	27.72	ppb
Bismuth	209-1				100		%
Bismuth	209-2				103		%
Boron	10-1	14.34	11.89	12.38	12.87	10.05	ppb
Boron	11-1	14.60	12.51	12.24	13.12	9.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.03	0.03	0.03	11.31	ppb
Cadmium	106-1	-0.59	0.87	1.04	0.44	201.85	ppb
Cadmium	108-1	-0.19	-0.06	-0.15	-0.13		ppb
Calcium	43-1	2.34	0.16	1.34	1.28	84.97	ppb
Calcium	44-1	5.45	-2.89	-4.99	-0.81		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	-0.02	0.03	0.03	163.01	ppb
Cobalt	59-2	0.00	0.03	0.02	0.02	85.43	ppb
Copper	63-2	0.09	0.09	0.12	0.10	18.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2.24	-0.15	0.38	0.82	152.47	ppb
Iron	56-2	0.54	0.54	0.64	0.57	10.33	ppb
Iron	57-2	0.90	0.45	0.04	0.46	93.15	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.03	-0.01	0.03	147.63	ppb
Lead	207-1	0.06	0.03	0.04	0.04	45.28	ppb
Lead	208-1	0.07	0.03	0.02	0.04	54.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	0.41	2.12	1.21	1.25	68.43	ppb
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.02	0.02	0.02	31.02	ppb
Molybdenum	95-1	0.05	0.02	0.03	0.03	51.07	ppb
Molybdenum	96-1	0.04	0.03	0.04	0.04	24.65	ppb
Molybdenum	97-1	0.02	0.05	0.01	0.03	77.15	ppb
Molybdenum	98-1	0.04	0.00	0.01	0.02	98.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	0.01	0.00	661.62	ppb
Phosphorus	31-2	-11.83	13.53	-26.44	-8.25		ppb
Potassium	39-2	1.42	5.91	14.14	7.16	90.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	82-1	0.29	0.21	0.03	0.18	74.50	ppb
Selenium	77-2	0.00	0.00	1.07	0.36	173.21	ppb
Selenium	78-2	0.91	0.45	0.27	0.54	60.12	ppb
Silicon	28-1	2.42	-3.64	-4.22	-1.81		ppb
Silver	107-1	0.02	0.00	0.01	0.01	57.20	ppb
Silver	109-1	0.01	0.01	0.00	0.01	29.03	ppb
Sodium	23-2	31.67	29.28	31.51	30.82	4.32	ppb
Strontium	86-1	0.13	-0.10	0.03	0.02	591.67	ppb
Strontium	88-1	0.06	0.03	0.06	0.05	33.63	ppb
Sulfur	34-1	899.48	-1616.89	-2057.70	-925.04		ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	0.07	0.05	0.07	0.06	20.13	ppb
Thallium	205-1	0.09	0.05	0.06	0.07	32.80	ppb
Tin	118-1	-0.04	-0.06	-0.04	-0.05		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.01	0.07	0.07	86.99	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	26.28	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	45.10	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	0.05	0.00	0.06	0.04	88.09	ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	40.50	ppb
Zirconium	91-1	0.01	0.01	-0.03	0.00		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10183.75	10347.97	10433.49	10321.74	1.23	ppb
Antimony	121-1	486.64	521.95	503.92	504.17	3.50	ppb
Arsenic	75-2	504.94	497.46	493.46	498.62	1.17	ppb
Barium	135-1	2397.10	2616.10	2616.82	2543.34	4.98	ppb
Barium	137-1	2407.97	2626.48	2531.48	2521.98	4.34	ppb
Beryllium	9-1	483.26	500.77	497.91	493.98	1.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	255.44	286.15	297.09	279.56	7.72	ppb
Boron	11-1	262.08	298.94	310.36	290.46	8.69	ppb
Bromine	81-1						cps
Cadmium	111-1	488.53	511.23	516.35	505.37	2.93	ppb
Cadmium	106-1	490.40	505.85	518.70	504.99	2.81	ppb
Cadmium	108-1	481.93	533.20	529.75	514.96	5.56	ppb
Calcium	43-1	55664.45	56723.81	58340.35	56909.53	2.37	ppb
Calcium	44-1	52586.97	55859.22	56955.21	55133.80	4.12	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	482.84	492.39	489.45	488.23	1.00	ppb
Cobalt	59-2	480.65	491.88	485.79	486.11	1.16	ppb
Copper	63-2	4967.29	5046.51	5053.21	5022.34	0.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				102		%
Iron	54-2	27642.72	28878.32	28035.39	28185.47	2.24	ppb
Iron	56-2	26939.88	28175.70	27971.38	27695.65	2.39	ppb
Iron	57-2	25672.94	26401.89	25926.69	26000.51	1.42	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2452.21	2523.72	2481.01	2485.65	1.45	ppb
Lead	207-1	2416.15	2495.91	2487.43	2466.50	1.78	ppb
Lead	208-1	2441.46	2483.54	2493.63	2472.88	1.12	ppb
Lithium	6-1				102		%
Magnesium	24-2	54872.15	55953.10	55582.80	55469.35	0.99	ppb
Manganese	55-2	5013.05	5194.78	5206.50	5138.11	2.11	ppb
Molybdenum	94-1	4711.39	4910.86	5128.47	4916.91	4.24	ppb
Molybdenum	95-1	4765.12	4933.40	5130.09	4942.87	3.70	ppb
Molybdenum	96-1	4842.24	4962.11	5159.92	4988.09	3.22	ppb
Molybdenum	97-1	4685.12	5064.67	5168.26	4972.68	5.12	ppb
Molybdenum	98-1	4724.72	5033.87	5041.90	4933.49	3.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.75	512.48	513.20	508.48	1.49	ppb
Phosphorus	31-2	10007.69	10107.21	10123.45	10079.45	0.62	ppb
Potassium	39-2	26751.17	27026.74	26461.28	26746.39	1.06	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				113		%
Scandium	45-2				99		%
Selenium	82-1	474.35	504.05	504.14	494.18	3.48	ppb
Selenium	77-2	520.20	536.83	455.05	504.03	8.58	ppb
Selenium	78-2	494.63	491.50	504.87	497.00	1.41	ppb
Silicon	28-1	110.24	138.72	154.63	134.53	16.72	ppb
Silver	107-1	495.25	501.38	511.25	502.62	1.61	ppb
Silver	109-1	498.30	525.82	517.12	513.75	2.74	ppb
Sodium	23-2	54158.93	53692.38	54230.72	54027.35	0.54	ppb
Strontium	86-1	11984.48	12271.86	12441.46	12232.60	1.89	ppb
Strontium	88-1	11988.74	12530.67	12461.52	12326.98	2.39	ppb
Sulfur	34-1	10414.43	10590.87	11030.12	10678.48	2.97	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	496.90	498.97	518.76	504.88	2.39	ppb
Thallium	205-1	498.13	513.47	491.98	501.19	2.21	ppb
Tin	118-1	494.37	495.73	513.94	501.35	2.18	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4829.83	4952.41	4969.95	4917.40	1.55	ppb
Uranium	238-1	484.77	499.72	487.46	490.65	1.62	ppb
Vanadium	51-2	496.94	498.55	497.47	497.65	0.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				115		%
Yttrium	89-2				102		%
Zinc	66-2	4983.45	5021.82	4943.80	4983.02	0.78	ppb
Zirconium	90-1	462.69	492.95	502.26	485.96	4.26	ppb
Zirconium	91-1	463.77	486.81	500.48	483.69	3.84	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	0.01	0.24	0.12	95.73	ppb
Antimony	121-1	0.02	0.02	0.03	0.02	15.61	ppb
Arsenic	75-2	0.00	0.01	0.04	0.01	153.86	ppb
Barium	135-1	0.01	0.00	-0.01	0.00	321.61	ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.05	0.06	0.04	0.05	19.63	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	9.93	9.49	9.98	9.80	2.73	ppb
Boron	11-1	10.10	10.12	10.36	10.19	1.44	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.02	0.06	0.04	43.37	ppb
Cadmium	106-1	2.30	0.73	2.55	1.86	53.18	ppb
Cadmium	108-1	0.18	-0.05	-0.19	-0.02		ppb
Calcium	43-1	1.24	-0.86	-0.94	-0.19		ppb
Calcium	44-1	-4.75	-3.34	-4.20	-4.09		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.06	0.03	-0.01	0.03	122.72	ppb
Cobalt	59-2	0.02	0.01	0.00	0.01	83.99	ppb
Copper	63-2	0.18	0.19	0.18	0.18	4.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	54-2	0.55	-0.50	-0.47	-0.14		ppb
Iron	56-2	0.26	0.41	0.52	0.40	33.71	ppb
Iron	57-2	1.73	-0.11	1.35	0.99	98.49	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.03	0.03	9.07	ppb
Lead	207-1	0.02	0.05	0.01	0.02	84.80	ppb
Lead	208-1	0.03	0.04	0.02	0.03	24.30	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.14	0.46	-0.02	0.53	111.28	ppb
Manganese	55-2	0.05	0.02	0.01	0.03	70.44	ppb
Molybdenum	94-1	0.06	0.02	0.04	0.04	40.28	ppb
Molybdenum	95-1	0.07	0.04	0.04	0.05	28.11	ppb
Molybdenum	96-1	0.07	0.03	0.02	0.04	67.89	ppb
Molybdenum	97-1	0.09	0.01	0.02	0.04	115.67	ppb
Molybdenum	98-1	0.06	0.03	0.02	0.04	50.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	9.41	-8.88	-22.86	-7.44		ppb
Potassium	39-2	21.04	19.04	9.00	16.36	39.43	ppb
Rhodium	103-1				106		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	-0.02	0.41	0.16	0.19	115.13	ppb
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.62	0.86	0.40	0.62	36.85	ppb
Silicon	28-1	-2.90	-1.99	-2.41	-2.43		ppb
Silver	107-1	0.01	0.01	0.01	0.01	1.39	ppb
Silver	109-1	0.01	0.02	0.03	0.02	36.07	ppb
Sodium	23-2	34.70	29.28	28.53	30.84	10.91	ppb
Strontium	86-1	-0.05	-0.05	-0.05	-0.05		ppb
Strontium	88-1	0.06	0.01	0.01	0.03	120.83	ppb
Sulfur	34-1	-2529.80	-2013.11	-2089.74	-2210.88		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.04	0.04	7.94	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	10.54	ppb
Tin	118-1	-0.06	-0.02	-0.04	-0.04		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.06	0.11	0.12	58.21	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	16.03	ppb
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				99		%
Zinc	66-2	-0.01	0.11	0.05	0.05	117.00	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	48.23	ppb
Zirconium	91-1	-0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10615.62	10421.92	10038.85	10358.80	2.83	ppb
Antimony	121-1	495.45	509.61	516.41	507.16	2.11	ppb
Arsenic	75-2	513.49	499.59	488.34	500.48	2.52	ppb
Barium	135-1	2475.28	2516.20	2582.32	2524.60	2.14	ppb
Barium	137-1	2500.87	2555.88	2565.34	2540.70	1.37	ppb
Beryllium	9-1	511.92	509.73	494.60	505.42	1.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	268.78	288.50	291.04	282.77	4.31	ppb
Boron	11-1	278.64	294.58	306.72	293.31	4.80	ppb
Bromine	81-1						cps
Cadmium	111-1	500.79	508.38	510.94	506.70	1.04	ppb
Cadmium	106-1	491.40	518.05	516.68	508.71	2.95	ppb
Cadmium	108-1	486.96	525.95	516.62	509.84	3.99	ppb
Calcium	43-1	57281.38	57831.31	58648.21	57920.30	1.19	ppb
Calcium	44-1	54398.03	57064.32	56837.13	56099.82	2.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.35	486.74	472.14	485.41	2.61	ppb
Cobalt	59-2	504.15	495.53	480.86	493.51	2.39	ppb
Copper	63-2	5164.51	5102.02	4966.77	5077.77	1.99	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				101		%
Indium	115-1				109		%
Indium	115-2				98		%
Iron	54-2	28636.16	27856.88	27349.45	27947.49	2.32	ppb
Iron	56-2	28695.70	27332.20	27244.65	27757.52	2.93	ppb
Iron	57-2	27118.76	26449.27	25669.91	26412.65	2.75	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2546.08	2542.60	2516.44	2535.04	0.64	ppb
Lead	207-1	2546.16	2548.58	2486.84	2527.20	1.38	ppb
Lead	208-1	2512.70	2520.21	2512.86	2515.26	0.17	ppb
Lithium	6-1				100		%
Magnesium	24-2	56735.44	54321.63	54495.85	55184.31	2.44	ppb
Manganese	55-2	5348.61	5179.51	4947.06	5158.39	3.91	ppb
Molybdenum	94-1	5058.19	5040.88	5038.88	5045.98	0.21	ppb
Molybdenum	95-1	5160.66	5143.40	5086.96	5130.34	0.75	ppb
Molybdenum	96-1	5115.70	5118.50	5154.68	5129.63	0.42	ppb
Molybdenum	97-1	5058.18	5096.95	5070.93	5075.35	0.39	ppb
Molybdenum	98-1	5123.97	5028.21	5127.38	5093.19	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.66	507.96	493.69	507.11	2.56	ppb
Phosphorus	31-2	10171.14	9425.08	9741.50	9779.24	3.83	ppb
Potassium	39-2	27452.68	27662.74	26474.21	27196.54	2.33	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				98		%
Selenium	82-1	511.70	507.05	509.44	509.39	0.46	ppb
Selenium	77-2	482.51	511.55	486.47	493.51	3.19	ppb
Selenium	78-2	524.28	512.45	497.12	511.29	2.66	ppb
Silicon	28-1	115.03	140.05	157.90	137.66	15.64	ppb
Silver	107-1	487.97	531.00	516.67	511.88	4.28	ppb
Silver	109-1	499.06	511.71	511.14	507.30	1.41	ppb
Sodium	23-2	55121.28	53902.47	51806.77	53610.17	3.13	ppb
Strontium	86-1	12819.95	12678.85	12604.71	12701.17	0.86	ppb
Strontium	88-1	12810.16	12773.83	12743.72	12775.90	0.26	ppb
Sulfur	34-1	11459.83	10773.51	11616.96	11283.43	3.98	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	518.80	523.51	508.81	517.04	1.45	ppb
Thallium	205-1	502.62	520.21	505.56	509.46	1.85	ppb
Tin	118-1	510.49	503.22	512.12	508.61	0.93	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4838.22	4990.00	5059.80	4962.67	2.28	ppb
Uranium	238-1	480.40	499.04	490.76	490.07	1.91	ppb
Vanadium	51-2	508.02	494.72	485.60	496.11	2.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				100		%
Zinc	66-2	5158.40	4991.06	4890.08	5013.18	2.70	ppb
Zirconium	90-1	485.03	511.91	509.32	502.09	2.95	ppb
Zirconium	91-1	485.95	495.83	497.08	492.95	1.24	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53925.23	54222.44	49192.49	52446.72	5.38	ppb
Antimony	121-1	490.56	474.13	486.91	483.87	1.78	ppb
Arsenic	75-2	514.33	498.51	471.25	494.70	4.41	ppb
Barium	135-1	2521.62	2465.51	2518.92	2502.02	1.26	ppb
Barium	137-1	2548.97	2470.17	2433.17	2484.11	2.38	ppb
Beryllium	9-1	489.55	495.97	472.80	486.11	2.46	ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	750.43	780.69	804.58	778.57	3.49	ppb
Boron	11-1	735.90	772.67	760.53	756.37	2.48	ppb
Bromine	81-1						cps
Cadmium	111-1	482.69	474.22	492.56	483.16	1.90	ppb
Cadmium	106-1	503.45	476.86	500.81	493.71	2.97	ppb
Cadmium	108-1	491.10	477.22	491.53	486.62	1.67	ppb
Calcium	43-1	266835.05	254826.68	260793.51	260818.42	2.30	ppb
Calcium	44-1	268635.05	251057.75	258894.34	259529.05	3.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	483.55	486.22	456.96	475.57	3.40	ppb
Cobalt	59-2	507.77	504.91	480.96	497.88	2.96	ppb
Copper	63-2	4959.08	4996.62	4748.54	4901.41	2.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	54-2	130009.19	127327.81	123331.33	126889.44	2.65	ppb
Iron	56-2	135700.92	131968.23	125675.11	131114.75	3.86	ppb
Iron	57-2	134624.08	133729.69	127349.09	131900.95	3.01	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2654.71	2564.31	2506.19	2575.07	2.91	ppb
Lead	207-1	2674.86	2480.07	2531.18	2562.03	3.94	ppb
Lead	208-1	2635.86	2527.46	2547.73	2570.35	2.24	ppb
Lithium	6-1				99		%
Magnesium	24-2	277129.55	268754.22	253644.61	266509.46	4.47	ppb
Manganese	55-2	5021.05	4975.26	4759.15	4918.49	2.84	ppb
Molybdenum	94-1	5224.88	4940.87	4864.30	5010.02	3.79	ppb
Molybdenum	95-1	5087.40	5043.55	4896.44	5009.13	2.00	ppb
Molybdenum	96-1	5219.31	4997.94	4962.63	5059.96	2.75	ppb
Molybdenum	97-1	5154.60	5107.99	4827.43	5030.00	3.52	ppb
Molybdenum	98-1	5144.92	5052.96	4856.95	5018.28	2.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.54	514.01	488.05	504.53	2.84	ppb
Phosphorus	31-2	9898.09	9666.41	9340.36	9634.95	2.91	ppb
Potassium	39-2	129234.26	126069.41	123055.35	126119.67	2.45	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	530.05	519.85	508.67	519.52	2.06	ppb
Selenium	77-2	488.42	517.74	490.63	498.93	3.27	ppb
Selenium	78-2	531.77	515.22	474.73	507.24	5.79	ppb
Silicon	28-1	1132.06	1081.26	1090.70	1101.34	2.45	ppb
Silver	107-1	495.50	461.63	482.77	479.97	3.56	ppb
Silver	109-1	494.68	473.44	496.45	488.19	2.62	ppb
Sodium	23-2	274482.38	260936.34	253281.37	262900.03	4.08	ppb
Strontium	86-1	12450.79	12005.70	11963.62	12140.04	2.22	ppb
Strontium	88-1	12494.95	12408.72	12109.41	12337.69	1.64	ppb
Sulfur	34-1	11812.33	10247.50	10790.43	10950.09	7.26	ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	535.57	527.29	518.41	527.09	1.63	ppb
Thallium	205-1	545.17	523.73	508.38	525.76	3.51	ppb
Tin	118-1	504.16	479.51	507.89	497.18	3.10	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5109.46	4842.77	4976.83	4976.35	2.68	ppb
Uranium	238-1	546.51	517.28	501.84	521.88	4.35	ppb
Vanadium	51-2	494.75	491.88	473.00	486.55	2.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				110		%
Yttrium	89-2				101		%
Zinc	66-2	4846.69	4894.49	4675.47	4805.55	2.40	ppb
Zirconium	90-1	532.28	517.76	489.89	513.31	4.20	ppb
Zirconium	91-1	515.03	503.12	479.20	499.12	3.66	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:20:19	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	0.01	0.41	0.12	208.91	ppb
Antimony	121-1	0.05	0.07	0.08	0.07	23.66	ppb
Arsenic	75-2	0.05	0.03	0.03	0.03	27.61	ppb
Barium	135-1	0.02	0.03	0.04	0.03	30.85	ppb
Barium	137-1	0.02	0.02	0.02	0.02	1.06	ppb
Beryllium	9-1	0.08	0.08	0.09	0.08	11.01	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	18.82	17.94	18.41	18.39	2.39	ppb
Boron	11-1	19.31	18.25	18.61	18.72	2.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	0.04	0.02	0.03	50.44	ppb
Cadmium	106-1	0.13	2.59	-0.37	0.78	202.45	ppb
Cadmium	108-1	0.08	-0.10	-0.05	-0.02		ppb
Calcium	43-1	2.59	2.08	0.04	1.57	86.01	ppb
Calcium	44-1	-0.12	-1.69	-3.14	-1.65		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.02	-0.04	-0.01		ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	40.25	ppb
Copper	63-2	0.26	0.28	0.23	0.25	10.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				108		%
Indium	115-2				100		%
Iron	54-2	0.39	0.25	0.81	0.48	59.60	ppb
Iron	56-2	0.60	0.67	0.80	0.69	14.77	ppb
Iron	57-2	1.75	1.66	5.84	3.08	77.38	ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:20:19	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.01	0.04	60.14	ppb
Lead	207-1	0.00	0.04	0.04	0.03	85.04	ppb
Lead	208-1	0.06	0.04	0.04	0.05	22.24	ppb
Lithium	6-1				98		%
Magnesium	24-2	0.76	1.82	0.39	0.99	74.95	ppb
Manganese	55-2	0.06	0.01	0.01	0.02	118.74	ppb
Molybdenum	94-1	0.14	0.08	0.09	0.10	27.38	ppb
Molybdenum	95-1	0.22	0.14	0.09	0.15	44.19	ppb
Molybdenum	96-1	0.20	0.10	0.10	0.13	46.34	ppb
Molybdenum	97-1	0.19	0.12	0.05	0.12	56.99	ppb
Molybdenum	98-1	0.18	0.09	0.07	0.11	53.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.02	0.02	58.92	ppb
Phosphorus	31-2	-35.18	-8.46	-17.23	-20.29		ppb
Potassium	39-2	28.96	20.29	16.04	21.76	30.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				101		%
Scandium	45-1				107		%
Scandium	45-2				96		%
Selenium	82-1	-0.26	-0.71	-0.07	-0.34		ppb
Selenium	77-2	0.00	2.21	0.00	0.74	173.21	ppb
Selenium	78-2	1.57	0.12	0.43	0.71	108.54	ppb
Silicon	28-1	-1.20	-2.11	-2.21	-1.84		ppb
Silver	107-1	0.03	0.02	0.02	0.03	27.67	ppb
Silver	109-1	0.02	0.02	0.03	0.02	37.30	ppb
Sodium	23-2	46.34	38.82	49.39	44.85	12.13	ppb
Strontium	86-1	0.17	0.08	0.07	0.10	52.18	ppb
Strontium	88-1	0.19	0.13	0.07	0.13	46.86	ppb
Sulfur	34-1	-1975.02	-2271.13	-2608.13	-2284.76		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.05	0.06	0.05	19.58	ppb
Thallium	205-1	0.09	0.07	0.07	0.08	18.57	ppb
Tin	118-1	-0.02	-0.02	-0.05	-0.03		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:20:19	DataFile Name :	045CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.20	0.16	0.09	0.15	35.00	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	71.86	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	162.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				109		%
Yttrium	89-2				98		%
Zinc	66-2	0.01	-0.04	-0.13	-0.05		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	211.03	ppb
Zirconium	91-1	-0.02	-0.02	-0.01	-0.02		ppb

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	55	72	67	15.16	cps
Antimony	121-1	0	25	33	19	89.21	cps
Arsenic	75-2	0	0	4	1	173.21	cps
Barium	135-1	0	25	17	14	91.65	cps
Barium	137-1	33	25	25	28	17.31	cps
Beryllium	9-1	20	34	28	27	25.42	cps
Bismuth	209-1	4452165	5275305	5305912	5011127	9.66	cps
Bismuth	209-2	2763773	2730441	2747156	2747124	0.61	cps
Boron	10-1	248	224	212	228	8.04	cps
Boron	11-1	1006	1116	1092	1071	5.40	cps
Bromine	81-1	27670	26559	27845	27358	2.55	cps
Cadmium	111-1	355	403	381	380	6.21	cps
Cadmium	106-1	3642	4117	3901	3887	6.12	cps
Cadmium	108-1	13	25	25	21	34.64	cps
Calcium	43-1	109	87	85	94	13.92	cps
Calcium	44-1	12291	12180	12245	12239	0.46	cps
Carbon	12-1	3410801	3433568	3419521	3421297	0.34	cps
Carbon	12-2	40874	39855	41083	40604	1.62	cps
Chlorine	35-1	134555	133395	133815	133921	0.44	cps
Chlorine	35-2	917	850	925	897	4.58	cps
Chromium	52-2	553	617	593	588	5.45	cps
Cobalt	59-2	60	50	67	59	14.25	cps
Copper	63-2	487	513	530	510	4.29	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	30	23	20	24	20.83	cps
Gadolinium	160-1	67	50	83	67	25.00	cps
Gadolinium	160-2	80	97	90	89	9.44	cps
Holmium	165-1	7307132	7919097	8220820	7815683	5.96	cps
Holmium	165-2	3847765	3760653	3754410	3787609	1.38	cps
Indium	115-1	6168117	6893093	6842055	6634422	6.10	cps
Indium	115-2	1109869	1105927	1138576	1118124	1.59	cps
Iron	54-2	667	639	528	611	12.03	cps
Iron	56-2	2317	2389	2356	2354	1.54	cps
Iron	57-2	189	128	156	157	19.44	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	267	316	305	296	8.62	cps
Lead	206-1	411	339	433	394	12.52	cps
Lead	207-1	383	344	394	374	7.02	cps
Lead	208-1	1628	1533	1678	1613	4.55	cps
Lithium	6-1	3278285	3507571	3519862	3435239	3.96	cps
Magnesium	24-2	283	350	242	292	18.74	cps
Manganese	55-2	43	33	43	40	14.43	cps
Molybdenum	94-1	75	150	142	122	33.64	cps
Molybdenum	95-1	8	8	17	11	43.34	cps
Molybdenum	96-1	75	100	58	78	26.97	cps
Molybdenum	97-1	25	8	17	17	50.01	cps
Molybdenum	98-1	50	67	17	44	57.28	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	13	23	27	21	32.88	cps
Phosphorus	31-2	75	242	192	169	50.48	cps
Potassium	39-2	27735	28929	28211	28292	2.12	cps
Rhodium	103-1	6080435	6778004	7049134	6635858	7.53	cps
Rhodium	103-2	3160254	3116234	3201123	3159204	1.34	cps
Scandium	45-1	4664815	5340404	5389511	5131577	7.89	cps
Scandium	45-2	184487	180929	184411	183276	1.11	cps
Selenium	82-1	15	7	-9	5	265.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	44	59	47	22.00	cps
Silicon	28-1	863220	850291	852521	855344	0.81	cps
Silver	107-1	75	75	58	69	13.85	cps
Silver	109-1	33	42	17	31	41.66	cps
Sodium	23-2	24947	24805	25239	24997	0.89	cps
Strontium	86-1	475	633	550	553	14.33	cps
Strontium	88-1	200	67	167	144	48.04	cps
Sulfur	34-1	493017	491519	492156	492231	0.15	cps
Terbium	159-1	7661856	8352431	8560700	8191662	5.74	cps
Terbium	159-2	3811431	3736357	3876068	3807952	1.84	cps
Thallium	203-1	83	75	67	75	11.11	cps
Thallium	205-1	100	100	117	106	9.12	cps
Tin	118-1	575	625	525	575	8.70	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 13:58:35	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	75	100	125	100	25.00	cps
Uranium	238-1	8	8	8	8	0.00	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Ytterbium	172-1	108	67	50	75	40.06	cps
Ytterbium	172-2	17	17	44	26	61.85	cps
Ytterbium	176-1	1192	1300	1458	1317	10.19	cps
Ytterbium	176-2	7658	7713	7880	7751	1.49	cps
Yttrium	89-1	9918653	11281995	11162672	10787773	7.00	cps
Yttrium	89-2	1277828	1261356	1285442	1274875	0.97	cps
Zinc	66-2	63	43	97	68	39.76	cps
Zirconium	90-1	425	350	433	403	11.40	cps
Zirconium	91-1	83	67	142	97	40.50	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934	914	911	920	1.34	cps
Antimony	121-1	8361	8269	8436	8356	1.00	cps
Arsenic	75-2	129	131	126	129	1.96	cps
Barium	135-1	9729	9187	9220	9379	3.24	cps
Barium	137-1	15801	16110	16060	15990	1.04	cps
Beryllium	9-1	1827	1875	1915	1872	2.34	cps
Bismuth	209-1	5096687	5228652	5309919	5211753	2.06	cps
Bismuth	209-2	2605939	2758550	2761841	2708776	3.29	cps
Boron	10-1	4520	4676	5026	4741	5.47	cps
Boron	11-1	19675	21604	22290	21190	6.40	cps
Bromine	81-1	27394	26301	26484	26726	2.19	cps
Cadmium	111-1	1641	1561	1618	1607	2.59	cps
Cadmium	106-1	4167	4026	4584	4259	6.82	cps
Cadmium	108-1	96	138	142	125	20.28	cps
Calcium	43-1	8023	8198	8086	8102	1.09	cps
Calcium	44-1	139852	140846	141275	140658	0.52	cps
Carbon	12-1	3506769	3539770	3508575	3518371	0.53	cps
Carbon	12-2	41334	41510	41526	41457	0.26	cps
Chlorine	35-1	140242	140165	138577	139661	0.67	cps
Chlorine	35-2	867	975	850	897	7.56	cps
Chromium	52-2	3187	3180	3000	3123	3.39	cps
Cobalt	59-2	2484	2364	2400	2416	2.55	cps
Copper	63-2	4444	4177	4184	4268	3.56	cps
Dysprosium	156-1	0	25	8	11	114.58	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	75	67	58	67	12.50	cps
Erbium	164-2	10	20	17	16	32.73	cps
Gadolinium	160-1	75	67	58	67	12.49	cps
Gadolinium	160-2	97	87	93	92	5.52	cps
Holmium	165-1	8085017	8196076	8175365	8152153	0.72	cps
Holmium	165-2	3511379	3852236	3736142	3699919	4.68	cps
Indium	115-1	6921920	6936244	7103957	6987373	1.45	cps
Indium	115-2	1054947	1112327	1116065	1094447	3.13	cps
Iron	54-2	3701	3856	3539	3699	4.28	cps
Iron	56-2	57650	55703	56401	56584	1.74	cps
Iron	57-2	1550	1311	1500	1454	8.67	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	294	276	287	286	3.10	cps
Lead	206-1	3256	3745	3589	3530	7.08	cps
Lead	207-1	2850	3139	2962	2984	4.89	cps
Lead	208-1	13331	14192	14042	13855	3.32	cps
Lithium	6-1	3582942	3545538	3448570	3525683	1.97	cps
Magnesium	24-2	60560	58175	57129	58622	3.00	cps
Manganese	55-2	800	753	723	759	5.09	cps
Molybdenum	94-1	9428	9562	9995	9662	3.07	cps
Molybdenum	95-1	11997	11772	11739	11836	1.19	cps
Molybdenum	96-1	12940	13090	13715	13248	3.11	cps
Molybdenum	97-1	7169	7602	7786	7519	4.21	cps
Molybdenum	98-1	18154	18012	19314	18493	3.86	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	10	3	4	114.60	cps
Nickel	60-2	610	593	660	621	5.59	cps
Phosphorus	31-2	200	267	267	244	15.75	cps
Potassium	39-2	67567	66915	67993	67492	0.81	cps
Rhodium	103-1	6863839	7095980	7020688	6993502	1.69	cps
Rhodium	103-2	2982793	3133457	3203993	3106748	3.64	cps
Scandium	45-1	5460261	5359266	5415420	5411649	0.94	cps
Scandium	45-2	171618	178687	182103	177469	3.01	cps
Selenium	82-1	469	559	501	510	8.94	cps
Selenium	77-2	0	20	3	8	137.80	cps
Selenium	78-2	110	101	108	106	4.44	cps
Silicon	28-1	900249	900587	880568	893802	1.28	cps
Silver	107-1	6093	6018	5426	5846	6.25	cps
Silver	109-1	5776	5551	5393	5574	3.46	cps
Sodium	23-2	134778	131018	126218	130671	3.28	cps
Strontium	86-1	2034	2267	1959	2086	7.71	cps
Strontium	88-1	12790	13081	12531	12801	2.15	cps
Sulfur	34-1	494612	495085	494601	494766	0.06	cps
Terbium	159-1	8427662	8432975	8655315	8505318	1.53	cps
Terbium	159-2	3636081	3768383	3908422	3770962	3.61	cps
Thallium	203-1	3634	3951	3917	3834	4.54	cps
Thallium	205-1	8937	9045	9070	9017	0.79	cps
Tin	118-1	18112	18096	17169	17793	3.03	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:04:47	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4109	3976	3617	3901	6.52	cps
Uranium	238-1	11439	12298	12331	12023	4.21	cps
Vanadium	51-2	5451	5211	5131	5264	3.16	cps
Ytterbium	172-1	83	67	58	69	18.34	cps
Ytterbium	172-2	17	33	33	28	34.63	cps
Ytterbium	176-1	1433	1242	1367	1347	7.22	cps
Ytterbium	176-2	7452	7536	7625	7537	1.14	cps
Yttrium	89-1	11513273	11356550	11324182	11398002	0.89	cps
Yttrium	89-2	1208915	1270077	1267189	1248727	2.76	cps
Zinc	66-2	507	623	597	576	10.62	cps
Zirconium	90-1	8511	8661	8194	8456	2.82	cps
Zirconium	91-1	1909	1875	1942	1909	1.75	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45182	44562	43997	44580	1.33	cps
Antimony	121-1	203669	202648	200068	202129	0.92	cps
Arsenic	75-2	6682	6582	6299	6521	3.05	cps
Barium	135-1	246419	245478	246319	246072	0.21	cps
Barium	137-1	422293	435176	428923	428797	1.50	cps
Beryllium	9-1	87284	88506	87763	87851	0.70	cps
Bismuth	209-1	5239988	5284941	5121802	5215577	1.62	cps
Bismuth	209-2	2813958	2843092	2775639	2810896	1.20	cps
Boron	10-1	28324	32087	33295	31235	8.30	cps
Boron	11-1	128276	141269	145880	138475	6.59	cps
Bromine	81-1	26626	28280	27520	27475	3.01	cps
Cadmium	111-1	55175	56898	56640	56238	1.65	cps
Cadmium	106-1	10521	11046	11197	10921	3.25	cps
Cadmium	108-1	4530	4672	4709	4637	2.04	cps
Calcium	43-1	89076	90154	89921	89717	0.63	cps
Calcium	44-1	1354254	1412149	1383725	1383376	2.09	cps
Carbon	12-1	4047162	4156380	4106835	4103459	1.33	cps
Carbon	12-2	47887	48548	47619	48018	1.00	cps
Chlorine	35-1	147816	148700	149399	148638	0.53	cps
Chlorine	35-2	1083	808	958	950	14.49	cps
Chromium	52-2	68503	66805	64809	66706	2.77	cps
Cobalt	59-2	118754	115992	113580	116109	2.23	cps
Copper	63-2	953009	928520	915036	932188	2.07	cps
Dysprosium	156-1	33	17	17	22	43.28	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	25	75	83	61	51.63	cps
Erbium	164-2	33	7	30	23	62.26	cps
Gadolinium	160-1	83	67	67	72	13.33	cps
Gadolinium	160-2	93	110	90	98	10.96	cps
Holmium	165-1	8388404	8105565	7998032	8164000	2.47	cps
Holmium	165-2	3810176	3817066	3882455	3836565	1.04	cps
Indium	115-1	7212478	7083324	7111674	7135825	0.95	cps
Indium	115-2	1120364	1112650	1115371	1116129	0.35	cps
Iron	54-2	159500	153990	148308	153932	3.64	cps
Iron	56-2	2940607	2834666	2819860	2865045	2.30	cps
Iron	57-2	72054	68168	66728	68983	3.99	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	307	297	274	293	5.92	cps
Lead	206-1	798012	806115	804389	802839	0.53	cps
Lead	207-1	720427	713802	721910	718713	0.60	cps
Lead	208-1	3326051	3338744	3370459	3345085	0.68	cps
Lithium	6-1	3633868	3622673	3618666	3625069	0.22	cps
Magnesium	24-2	628557	600705	608291	612518	2.35	cps
Manganese	55-2	353922	343069	340063	345685	2.11	cps
Molybdenum	94-1	858763	844790	862192	855248	1.08	cps
Molybdenum	95-1	1215504	1237998	1257737	1237080	1.71	cps
Molybdenum	96-1	1317931	1356788	1350692	1341804	1.56	cps
Molybdenum	97-1	754783	776629	762709	764707	1.45	cps
Molybdenum	98-1	2006019	2051584	1971589	2009730	2.00	cps
Neodymium	150-1	7	40	40	29	66.61	cps
Neodymium	150-2	3	7	0	3	100.05	cps
Nickel	60-2	32133	32407	32250	32263	0.43	cps
Phosphorus	31-2	2717	2667	2750	2711	1.55	cps
Potassium	39-2	236857	232933	234488	234759	0.84	cps
Rhodium	103-1	6992173	6895041	7049922	6979045	1.12	cps
Rhodium	103-2	3034601	3116234	3169635	3106824	2.19	cps
Scandium	45-1	5609281	5532904	5546939	5563041	0.73	cps
Scandium	45-2	181947	183743	184102	183264	0.63	cps
Selenium	82-1	5147	5167	5265	5193	1.22	cps
Selenium	77-2	157	163	140	153	7.84	cps
Selenium	78-2	584	601	551	579	4.39	cps
Silicon	28-1	4455187	4632399	4518169	4535251	1.98	cps
Silver	107-1	296875	294270	297731	296292	0.61	cps
Silver	109-1	279632	290159	289815	286535	2.09	cps
Sodium	23-2	1162751	1116532	1105892	1128392	2.68	cps
Strontium	86-1	1917472	1932969	1887635	1912692	1.20	cps
Strontium	88-1	16003382	15982920	16052604	16012969	0.22	cps
Sulfur	34-1	528561	532144	529451	530052	0.35	cps
Terbium	159-1	8545632	8354298	8735697	8545209	2.23	cps
Terbium	159-2	3779880	3767690	3897729	3815099	1.88	cps
Thallium	203-1	188262	197180	195827	193756	2.48	cps
Thallium	205-1	451387	458190	460640	456739	1.05	cps
Tin	118-1	176490	182105	180220	179605	1.59	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:07:52	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	387140	399711	398461	395104	1.75	cps
Uranium	238-1	602190	606455	614664	607770	1.04	cps
Vanadium	51-2	53727	51713	50044	51828	3.56	cps
Ytterbium	172-1	33	75	58	56	37.75	cps
Ytterbium	172-2	22	22	44	30	43.32	cps
Ytterbium	176-1	2384	2275	2325	2328	2.33	cps
Ytterbium	176-2	8180	8314	8264	8253	0.82	cps
Yttrium	89-1	11768349	11571759	11715440	11685183	0.87	cps
Yttrium	89-2	1293440	1270140	1273478	1279020	0.99	cps
Zinc	66-2	116401	112487	112248	113712	2.05	cps
Zirconium	90-1	412411	412492	428534	417812	2.22	cps
Zirconium	91-1	92851	92113	93153	92706	0.58	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111952	109533	104621	108702	3.44	cps
Antimony	121-1	510867	499792	509186	506615	1.18	cps
Arsenic	75-2	16761	16172	15721	16218	3.21	cps
Barium	135-1	621885	623386	614435	619902	0.77	cps
Barium	137-1	1066461	1070236	1069761	1068820	0.19	cps
Beryllium	9-1	214319	218762	215365	216149	1.07	cps
Bismuth	209-1	5325359	5426151	5171445	5307652	2.42	cps
Bismuth	209-2	2838795	2871831	2799825	2836817	1.27	cps
Boron	10-1	72805	79751	84286	78947	7.32	cps
Boron	11-1	326202	357446	368607	350752	6.27	cps
Bromine	81-1	27403	27444	27269	27372	0.34	cps
Cadmium	111-1	141307	139178	140428	140305	0.76	cps
Cadmium	106-1	21593	21559	20749	21300	2.24	cps
Cadmium	108-1	11576	12272	12018	11955	2.95	cps
Calcium	43-1	220986	223500	224075	222853	0.74	cps
Calcium	44-1	3387698	3371847	3591419	3450321	3.55	cps
Carbon	12-1	3811398	4005319	3985195	3933970	2.71	cps
Carbon	12-2	47193	46424	44961	46193	2.46	cps
Chlorine	35-1	153803	155554	153331	154229	0.76	cps
Chlorine	35-2	1000	892	1083	992	9.69	cps
Chromium	52-2	169712	163092	156323	163042	4.11	cps
Cobalt	59-2	292726	282780	278198	284568	2.61	cps
Copper	63-2	2434978	2385857	2387004	2402613	1.17	cps
Dysprosium	156-1	25	42	58	42	40.00	cps
Dysprosium	156-2	7	33	30	23	62.26	cps
Erbium	164-1	83	83	133	100	28.87	cps
Erbium	164-2	23	17	33	24	34.31	cps
Gadolinium	160-1	150	117	117	128	15.06	cps
Gadolinium	160-2	123	127	150	133	10.90	cps
Holmium	165-1	8242181	8481556	8358143	8360627	1.43	cps
Holmium	165-2	3830772	3765419	3792055	3796082	0.87	cps
Indium	115-1	6945694	7197753	7138491	7093979	1.86	cps
Indium	115-2	1118923	1114009	1121002	1117978	0.32	cps
Iron	54-2	391365	378116	366177	378553	3.33	cps
Iron	56-2	7291250	6970835	6759258	7007114	3.82	cps
Iron	57-2	174277	168510	163472	168753	3.20	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	302	306	275	295	5.79	cps
Lead	206-1	2137239	2114161	2132213	2127871	0.57	cps
Lead	207-1	1901684	1910572	1902386	1904881	0.26	cps
Lead	208-1	8676857	8593006	8714712	8661525	0.72	cps
Lithium	6-1	3623956	3561731	3527353	3571013	1.37	cps
Magnesium	24-2	1567704	1577483	1483779	1542989	3.34	cps
Manganese	55-2	884051	849351	826459	853287	3.40	cps
Molybdenum	94-1	2129903	2179239	2196221	2168454	1.59	cps
Molybdenum	95-1	3100695	3156599	3151540	3136278	0.99	cps
Molybdenum	96-1	3405665	3455059	3352739	3404488	1.50	cps
Molybdenum	97-1	1926599	1951693	1885072	1921121	1.75	cps
Molybdenum	98-1	4934551	4916049	4837899	4896167	1.05	cps
Neodymium	150-1	100	93	67	87	20.35	cps
Neodymium	150-2	17	7	7	10	57.72	cps
Nickel	60-2	81187	79139	78271	79532	1.88	cps
Phosphorus	31-2	6735	6126	6085	6315	5.76	cps
Potassium	39-2	532817	533860	514478	527052	2.07	cps
Rhodium	103-1	7089373	6953697	6936393	6993154	1.20	cps
Rhodium	103-2	3088370	3128294	3144116	3120260	0.92	cps
Scandium	45-1	5527711	5523332	5607569	5552871	0.85	cps
Scandium	45-2	186983	180635	178014	181877	2.54	cps
Selenium	82-1	12380	12666	12497	12514	1.15	cps
Selenium	77-2	377	370	397	381	3.64	cps
Selenium	78-2	1389	1372	1390	1384	0.73	cps
Silicon	28-1	9707258	9898629	10118451	9908113	2.08	cps
Silver	107-1	729706	738856	746735	738432	1.15	cps
Silver	109-1	697528	711839	722388	710585	1.76	cps
Sodium	23-2	2765126	2683566	2644362	2697685	2.28	cps
Strontium	86-1	4683955	4676382	4687276	4682538	0.12	cps
Strontium	88-1	39481802	39317929	39247803	39349178	0.31	cps
Sulfur	34-1	568350	573426	571449	571075	0.45	cps
Terbium	159-1	8507354	9051691	8534227	8697758	3.53	cps
Terbium	159-2	3890813	3860611	3947785	3899736	1.14	cps
Thallium	203-1	483570	486816	483900	484762	0.37	cps
Thallium	205-1	1131384	1171485	1154319	1152396	1.75	cps
Tin	118-1	436442	446931	445465	442946	1.28	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:10:53	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	955684	982668	1000636	979663	2.31	cps
Uranium	238-1	1518868	1564515	1531229	1538204	1.53	cps
Vanadium	51-2	132833	128649	123898	128460	3.48	cps
Ytterbium	172-1	42	67	50	53	24.12	cps
Ytterbium	172-2	28	28	50	35	36.46	cps
Ytterbium	176-1	3326	3576	3367	3423	3.91	cps
Ytterbium	176-2	8759	8759	8647	8722	0.74	cps
Yttrium	89-1	11679684	11380118	11592449	11550750	1.33	cps
Yttrium	89-2	1269967	1263190	1273358	1268838	0.41	cps
Zinc	66-2	287477	277968	277858	281101	1.96	cps
Zirconium	90-1	1020350	1034873	1036756	1030660	0.87	cps
Zirconium	91-1	228035	230464	232965	230488	1.07	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218659	216286	211172	215372	1.78	cps
Antimony	121-1	1020117	1018798	1030010	1022975	0.60	cps
Arsenic	75-2	33261	31891	31716	32289	2.62	cps
Barium	135-1	1238637	1248562	1268820	1252006	1.23	cps
Barium	137-1	2206481	2150590	2191117	2182729	1.32	cps
Beryllium	9-1	422911	431765	428941	427873	1.06	cps
Bismuth	209-1	5137360	5317307	5330832	5261833	2.05	cps
Bismuth	209-2	2843249	2790581	2891818	2841883	1.78	cps
Boron	10-1	150134	162503	168034	160224	5.72	cps
Boron	11-1	666454	717522	746135	710037	5.68	cps
Bromine	81-1	27770	27720	27728	27739	0.10	cps
Cadmium	111-1	279717	278859	281938	280172	0.57	cps
Cadmium	106-1	37218	39407	37744	38123	3.00	cps
Cadmium	108-1	23132	22585	23337	23018	1.69	cps
Calcium	43-1	440709	450443	444757	445303	1.10	cps
Calcium	44-1	6605156	6808736	6846527	6753473	1.92	cps
Carbon	12-1	4141202	4201135	4274002	4205446	1.58	cps
Carbon	12-2	50939	50077	49409	50142	1.53	cps
Chlorine	35-1	160305	160870	162118	161098	0.58	cps
Chlorine	35-2	1092	908	842	947	13.67	cps
Chromium	52-2	327383	319791	315477	320884	1.88	cps
Cobalt	59-2	581872	569588	560392	570617	1.89	cps
Copper	63-2	4772079	4624039	4578098	4658072	2.18	cps
Dysprosium	156-1	67	67	83	72	13.33	cps
Dysprosium	156-2	50	30	43	41	24.77	cps
Erbium	164-1	83	92	108	94	13.48	cps
Erbium	164-2	47	20	60	42	48.24	cps
Gadolinium	160-1	125	108	158	131	19.50	cps
Gadolinium	160-2	183	143	167	164	12.22	cps
Holmium	165-1	8204631	8439375	8170373	8271460	1.77	cps
Holmium	165-2	3815274	3946662	3811931	3857956	1.99	cps
Indium	115-1	7054322	6960839	7306133	7107098	2.51	cps
Indium	115-2	1102457	1104706	1107969	1105044	0.25	cps
Iron	54-2	769020	761717	729263	753334	2.81	cps
Iron	56-2	14319794	14095166	13343632	13919531	3.67	cps
Iron	57-2	344989	332529	328474	335331	2.57	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	290	310	266	289	7.59	cps
Lead	206-1	4309107	4231648	4374941	4305232	1.67	cps
Lead	207-1	3850052	3877088	3788337	3838492	1.19	cps
Lead	208-1	17311448	17256728	17375526	17314568	0.34	cps
Lithium	6-1	3454319	3556702	3542815	3517945	1.58	cps
Magnesium	24-2	3135573	3072452	2955511	3054512	2.99	cps
Manganese	55-2	1768077	1790807	1691331	1750072	2.98	cps
Molybdenum	94-1	4238746	4293259	4274079	4268695	0.65	cps
Molybdenum	95-1	6019566	6157811	6208415	6128597	1.60	cps
Molybdenum	96-1	6628186	6711731	6874657	6738191	1.86	cps
Molybdenum	97-1	3789392	3875647	3863547	3842862	1.22	cps
Molybdenum	98-1	9876657	9868421	9819769	9854949	0.31	cps
Neodymium	150-1	93	127	167	129	28.49	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	159471	156475	151629	155858	2.54	cps
Phosphorus	31-2	12747	12564	12481	12597	1.08	cps
Potassium	39-2	1038481	1030539	1014797	1027939	1.17	cps
Rhodium	103-1	6800511	7026439	6777747	6868232	2.00	cps
Rhodium	103-2	3111544	3124391	3090943	3108959	0.54	cps
Scandium	45-1	5450240	5560019	5490505	5500255	1.01	cps
Scandium	45-2	179350	181511	180636	180499	0.60	cps
Selenium	82-1	25402	25363	24800	25188	1.34	cps
Selenium	77-2	880	810	747	812	8.21	cps
Selenium	78-2	2585	2722	2615	2640	2.73	cps
Silicon	28-1	18946021	19063447	18694644	18901371	1.00	cps
Silver	107-1	1505939	1473595	1496528	1492021	1.12	cps
Silver	109-1	1401715	1399389	1399177	1400093	0.10	cps
Sodium	23-2	5568529	5279713	5201042	5349761	3.62	cps
Strontium	86-1	9356919	9359012	9306395	9340776	0.32	cps
Strontium	88-1	79968725	80723208	81291129	80661021	0.82	cps
Sulfur	34-1	649299	648324	642259	646627	0.59	cps
Terbium	159-1	8687936	8803458	8729405	8740266	0.67	cps
Terbium	159-2	3799004	3810902	3819625	3809844	0.27	cps
Thallium	203-1	982490	975585	957936	972004	1.30	cps
Thallium	205-1	2412805	2365443	2408379	2395542	1.09	cps
Tin	118-1	896790	908807	907142	904246	0.72	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:13:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1918953	1959238	1974829	1951007	1.48	cps
Uranium	238-1	3094245	3236999	3258269	3196504	2.79	cps
Vanadium	51-2	260400	253082	249637	254373	2.16	cps
Ytterbium	172-1	67	100	42	69	42.14	cps
Ytterbium	172-2	44	67	28	46	42.14	cps
Ytterbium	176-1	5943	5943	5460	5782	4.83	cps
Ytterbium	176-2	9837	10299	10232	10123	2.46	cps
Yttrium	89-1	11359905	11663319	11715506	11579576	1.66	cps
Yttrium	89-2	1269394	1266710	1264128	1266744	0.21	cps
Zinc	66-2	572218	557402	538486	556035	3.04	cps
Zirconium	90-1	2140912	2169752	2125866	2145510	1.04	cps
Zirconium	91-1	469909	470472	470040	470140	0.06	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	438836	431579	426400	432272	1.45	cps
Antimony	121-1	2131307	2058909	2097933	2096050	1.73	cps
Arsenic	75-2	65222	64973	63815	64670	1.16	cps
Barium	135-1	2576864	2632789	2581571	2597074	1.19	cps
Barium	137-1	4400061	4402632	4468688	4423793	0.88	cps
Beryllium	9-1	860723	845055	837662	847813	1.39	cps
Bismuth	209-1	4681423	5338376	5281990	5100596	7.14	cps
Bismuth	209-2	2830614	2790324	2866095	2829011	1.34	cps
Boron	10-1	306205	318610	334950	319922	4.51	cps
Boron	11-1	1235752	1322615	1354692	1304353	4.72	cps
Bromine	81-1	25875	28713	29240	27943	6.48	cps
Cadmium	111-1	559662	567148	561006	562605	0.71	cps
Cadmium	106-1	70523	69283	71520	70442	1.59	cps
Cadmium	108-1	46896	47226	47176	47100	0.38	cps
Calcium	43-1	896769	906171	895432	899458	0.65	cps
Calcium	44-1	13929400	14098513	14195851	14074588	0.96	cps
Carbon	12-1	4390046	4733386	4791082	4638171	4.67	cps
Carbon	12-2	56459	57514	56275	56749	1.18	cps
Chlorine	35-1	162574	164552	164384	163837	0.67	cps
Chlorine	35-2	900	1033	1025	986	7.57	cps
Chromium	52-2	671893	650147	634784	652275	2.86	cps
Cobalt	59-2	1189067	1117133	1103221	1136474	4.05	cps
Copper	63-2	9520753	8996428	9028851	9182011	3.20	cps
Dysprosium	156-1	225	100	192	172	37.59	cps
Dysprosium	156-2	97	80	90	89	9.44	cps
Erbium	164-1	100	92	58	83	26.46	cps
Erbium	164-2	47	53	37	46	18.41	cps
Gadolinium	160-1	175	200	250	208	18.33	cps
Gadolinium	160-2	143	190	187	173	15.02	cps
Holmium	165-1	7382468	8335497	8594858	8104274	7.88	cps
Holmium	165-2	3876415	3890620	3787400	3851478	1.45	cps
Indium	115-1	6375081	7067258	7189305	6877215	6.39	cps
Indium	115-2	1131315	1123964	1121875	1125718	0.44	cps
Iron	54-2	1623346	1573039	1557824	1584736	2.16	cps
Iron	56-2	28266164	27920628	28147605	28111465	0.62	cps
Iron	57-2	691931	662622	656431	670328	2.83	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	337	284	279	300	10.86	cps
Lead	206-1	8634628	8643193	8716955	8664925	0.52	cps
Lead	207-1	7630195	7741679	7535865	7635913	1.35	cps
Lead	208-1	34980916	34933562	34502193	34805557	0.76	cps
Lithium	6-1	3225221	3589568	3484221	3433003	5.46	cps
Magnesium	24-2	6060986	5777991	5911600	5916859	2.39	cps
Manganese	55-2	3468618	3507293	3531196	3502369	0.90	cps
Molybdenum	94-1	8752258	8636986	8649667	8679637	0.73	cps
Molybdenum	95-1	12526671	12505309	12589664	12540548	0.35	cps
Molybdenum	96-1	13648807	13621445	13755534	13675262	0.52	cps
Molybdenum	97-1	7871770	7869289	7915257	7885439	0.33	cps
Molybdenum	98-1	20305888	20590111	20088868	20328289	1.24	cps
Neodymium	150-1	353	293	187	278	30.39	cps
Neodymium	150-2	33	13	43	30	50.92	cps
Nickel	60-2	323903	309937	308230	314023	2.74	cps
Phosphorus	31-2	25598	25314	24563	25159	2.13	cps
Potassium	39-2	2091119	2022933	2040501	2051518	1.73	cps
Rhodium	103-1	6118654	6972250	7005267	6698724	7.50	cps
Rhodium	103-2	3157716	3078008	3137115	3124280	1.32	cps
Scandium	45-1	4840305	5569310	5444219	5284611	7.38	cps
Scandium	45-2	181779	183096	176322	180399	1.99	cps
Selenium	82-1	50006	50279	50995	50427	1.01	cps
Selenium	77-2	1607	1523	1580	1570	2.71	cps
Selenium	78-2	5400	5332	5183	5305	2.08	cps
Silicon	28-1	36348256	36909090	36387242	36548196	0.86	cps
Silver	107-1	3058302	2993624	3103952	3051959	1.82	cps
Silver	109-1	2802387	2903852	2908478	2871572	2.09	cps
Sodium	23-2	11184215	10515169	10669979	10789788	3.25	cps
Strontium	86-1	18761124	19570062	19525181	19285456	2.36	cps
Strontium	88-1	161681720	163165320	164380187	163075743	0.83	cps
Sulfur	34-1	798686	802943	806608	802746	0.49	cps
Terbium	159-1	7788710	8691182	8695134	8391675	6.22	cps
Terbium	159-2	3876670	4017640	3946982	3947097	1.79	cps
Thallium	203-1	2006902	2074857	2070237	2050665	1.85	cps
Thallium	205-1	4889543	4865977	4775029	4843517	1.25	cps
Tin	118-1	1844481	1849544	1826734	1840253	0.65	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:16:52	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3897537	4044934	3950634	3964368	1.88	cps
Uranium	238-1	6748374	6534328	6314258	6532320	3.32	cps
Vanadium	51-2	530427	518965	509799	519731	1.99	cps
Ytterbium	172-1	158	150	150	153	3.15	cps
Ytterbium	172-2	56	89	72	72	23.07	cps
Ytterbium	176-1	9654	9595	9645	9632	0.33	cps
Ytterbium	176-2	11700	11922	11972	11865	1.22	cps
Yttrium	89-1	10185769	11695917	11674273	11185320	7.74	cps
Yttrium	89-2	1281031	1280975	1270014	1277340	0.50	cps
Zinc	66-2	1144124	1094006	1079967	1106032	3.05	cps
Zirconium	90-1	4405150	4283534	4366364	4351683	1.43	cps
Zirconium	91-1	948991	962260	960222	957157	0.75	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	865190	864221	830268	853226	2.33	cps
Antimony	121-1	4204432	4381384	4311170	4298995	2.07	cps
Arsenic	75-2	136887	133840	130611	133779	2.35	cps
Barium	135-1	5021687	5313547	5279701	5204979	3.07	cps
Barium	137-1	8642837	8911923	8819294	8791351	1.55	cps
Beryllium	9-1	1633736	1705758	1658521	1666005	2.20	cps
Bismuth	209-1	5390677	5419036	5216300	5342005	2.06	cps
Bismuth	209-2	2825115	2867278	2872876	2855089	0.91	cps
Boron	10-1	191355	203321	207765	200814	4.23	cps
Boron	11-1	847305	893807	934812	891975	4.91	cps
Bromine	81-1	28856	28396	30225	29159	3.26	cps
Cadmium	111-1	1096604	1123573	1132721	1117633	1.68	cps
Cadmium	106-1	129826	135184	141105	135372	4.17	cps
Cadmium	108-1	91216	92814	93406	92479	1.23	cps
Calcium	43-1	1820310	1894345	1864387	1859681	2.00	cps
Calcium	44-1	27556286	28244231	27994066	27931528	1.25	cps
Carbon	12-1	4895803	5156539	5333175	5128505	4.29	cps
Carbon	12-2	67346	68978	69875	68733	1.86	cps
Chlorine	35-1	156312	157078	157611	157000	0.42	cps
Chlorine	35-2	958	908	967	945	3.34	cps
Chromium	52-2	1418937	1437886	1322000	1392941	4.46	cps
Cobalt	59-2	2498006	2435121	2351455	2428194	3.03	cps
Copper	63-2	19273870	18660999	18677280	18870716	1.85	cps
Dysprosium	156-1	342	333	392	356	8.87	cps
Dysprosium	156-2	127	177	107	137	26.38	cps
Erbium	164-1	75	92	83	83	10.00	cps
Erbium	164-2	63	40	23	42	47.59	cps
Gadolinium	160-1	358	350	358	356	1.35	cps
Gadolinium	160-2	180	227	177	194	14.38	cps
Holmium	165-1	8965749	8753796	8689910	8803151	1.64	cps
Holmium	165-2	3989313	4025037	4006067	4006806	0.45	cps
Indium	115-1	7385379	7376965	7342404	7368249	0.31	cps
Indium	115-2	1124531	1124233	1109438	1119400	0.77	cps
Iron	54-2	3223326	3280585	3098066	3200659	2.92	cps
Iron	56-2	58509082	58772946	57483400	58255143	1.17	cps
Iron	57-2	1457322	1458767	1436320	1450803	0.87	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	290	319	287	299	5.81	cps
Lead	206-1	17145815	17461353	17636700	17414622	1.43	cps
Lead	207-1	15000230	15583642	15562048	15381973	2.15	cps
Lead	208-1	68240878	70683215	70852156	69925416	2.09	cps
Lithium	6-1	3526706	3418918	3439274	3461632	1.65	cps
Magnesium	24-2	12281512	12335822	11681019	12099451	3.00	cps
Manganese	55-2	7200063	7248834	7005438	7151445	1.80	cps
Molybdenum	94-1	16972762	17733563	17585602	17430642	2.31	cps
Molybdenum	95-1	24784264	25625270	25551725	25320419	1.84	cps
Molybdenum	96-1	27658490	27763921	27909611	27777341	0.45	cps
Molybdenum	97-1	15380113	15700436	16014197	15698249	2.02	cps
Molybdenum	98-1	39868820	40297243	42002175	40722746	2.77	cps
Neodymium	150-1	560	587	507	551	7.39	cps
Neodymium	150-2	60	30	17	36	62.42	cps
Nickel	60-2	642568	643388	625388	637115	1.60	cps
Phosphorus	31-2	52228	51325	50263	51272	1.92	cps
Potassium	39-2	4299352	4213769	4064768	4192630	2.83	cps
Rhodium	103-1	6946902	7068321	7077016	7030746	1.03	cps
Rhodium	103-2	3210942	3229723	3144747	3195137	1.40	cps
Scandium	45-1	5705377	5732309	5518182	5651956	2.06	cps
Scandium	45-2	188898	185188	182448	185511	1.74	cps
Selenium	82-1	99996	102822	101321	101380	1.39	cps
Selenium	77-2	3200	3150	2904	3085	5.15	cps
Selenium	78-2	10852	10781	10481	10705	1.84	cps
Silicon	28-1	7239805	8565337	9020480	8275207	11.18	cps
Silver	107-1	5957096	6088288	6193630	6079671	1.95	cps
Silver	109-1	5642469	5665997	5789483	5699316	1.39	cps
Sodium	23-2	21650955	21673328	21192672	21505652	1.26	cps
Strontium	86-1	38310022	39084024	39677732	39023926	1.76	cps
Strontium	88-1	324901049	336263249	334743782	331969360	1.86	cps
Sulfur	34-1	985144	989250	995200	989865	0.51	cps
Terbium	159-1	9069352	9116460	8912633	9032815	1.18	cps
Terbium	159-2	4038133	3918240	4020815	3992396	1.62	cps
Thallium	203-1	4054312	4070597	4199571	4108160	1.94	cps
Thallium	205-1	9401422	9850971	9925404	9725932	2.91	cps
Tin	118-1	3645993	3693149	3755808	3698317	1.49	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:19:50	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7730443	8071776	8098668	7966962	2.58	cps
Uranium	238-1	13105471	13200952	13131306	13145910	0.38	cps
Vanadium	51-2	1100549	1087904	1047526	1078660	2.57	cps
Ytterbium	172-1	142	92	150	128	24.69	cps
Ytterbium	172-2	44	39	83	56	43.59	cps
Ytterbium	176-1	17253	17988	19765	18336	7.04	cps
Ytterbium	176-2	16549	16538	16043	16377	1.76	cps
Yttrium	89-1	12303503	11944004	11847509	12031672	2.00	cps
Yttrium	89-2	1311484	1319409	1286992	1305962	1.29	cps
Zinc	66-2	2305470	2310317	2261107	2292298	1.18	cps
Zirconium	90-1	8099404	8497067	8419780	8338750	2.53	cps
Zirconium	91-1	1894922	1918824	1883117	1898954	0.96	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4067458	4089648	4092338	4083148	0.33	cps
Antimony	121-1	2209	2317	2625	2384	9.07	cps
Arsenic	75-2	29	28	237	98	122.85	cps
Barium	135-1	3225	2850	2750	2942	8.51	cps
Barium	137-1	5551	4884	4984	5140	7.00	cps
Beryllium	9-1	594	501	507	534	9.68	cps
Bismuth	209-1	4685332	4859533	4682400	4742422	2.14	cps
Bismuth	209-2	2542513	2557956	2595556	2565342	1.06	cps
Boron	10-1	24185	23284	21834	23101	5.13	cps
Boron	11-1	109431	102835	96060	102775	6.51	cps
Bromine	81-1	28981	28847	28856	28895	0.26	cps
Cadmium	111-1	803	766	750	773	3.56	cps
Cadmium	106-1	4126	4392	4076	4198	4.06	cps
Cadmium	108-1	67	63	71	67	6.25	cps
Calcium	43-1	7447213	7821867	7571264	7613448	2.51	cps
Calcium	44-1	119623893	119674071	122342487	120546817	1.29	cps
Carbon	12-1	4452956	4542222	4657086	4550755	2.25	cps
Carbon	12-2	57028	56810	58157	57332	1.26	cps
Chlorine	35-1	167638	169459	170024	169040	0.74	cps
Chlorine	35-2	1150	1200	1075	1142	5.51	cps
Chromium	52-2	9637	9880	11168	10228	8.05	cps
Cobalt	59-2	2110	1877	5302	3096	61.81	cps
Copper	63-2	3494	3304	36376	14391	132.30	cps
Dysprosium	156-1	892	933	900	908	2.43	cps
Dysprosium	156-2	403	397	390	397	1.68	cps
Erbium	164-1	67	125	158	117	39.77	cps
Erbium	164-2	33	40	33	36	10.83	cps
Gadolinium	160-1	1042	1125	1008	1058	5.68	cps
Gadolinium	160-2	597	600	597	598	0.32	cps
Holmium	165-1	8072283	8109417	8419985	8200562	2.33	cps
Holmium	165-2	3859052	3853122	3950541	3887572	1.40	cps
Indium	115-1	6770809	6819042	6624253	6738035	1.51	cps
Indium	115-2	1103243	1081890	1122456	1102530	1.84	cps
Iron	54-2	14561922	14445962	14158626	14388837	1.44	cps
Iron	56-2	262081661	253353150	258438156	257957656	1.70	cps
Iron	57-2	6554862	6612503	6573540	6580302	0.45	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	281	291	297	290	2.83	cps
Lead	206-1	3840	3334	3084	3419	11.26	cps
Lead	207-1	3034	2795	2661	2830	6.67	cps
Lead	208-1	14487	12825	12175	13162	9.06	cps
Lithium	6-1	3150330	3327510	3346531	3274790	3.30	cps
Magnesium	24-2	54209537	54404360	54666445	54426780	0.42	cps
Manganese	55-2	3164	3154	10471	5596	75.44	cps
Molybdenum	94-1	4509	3592	3417	3840	15.27	cps
Molybdenum	95-1	5226	3892	4201	4440	15.73	cps
Molybdenum	96-1	10262	9003	9212	9492	7.11	cps
Molybdenum	97-1	3517	3225	2575	3106	15.52	cps
Molybdenum	98-1	8978	6869	7019	7622	15.44	cps
Neodymium	150-1	40	47	13	33	52.92	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	1397	1410	2234	1680	28.55	cps
Phosphorus	31-2	208	192	225	208	8.00	cps
Potassium	39-2	19735346	19744442	19703800	19727863	0.11	cps
Rhodium	103-1	6481080	6655404	6510194	6548893	1.43	cps
Rhodium	103-2	2977402	2909981	3066474	2984619	2.63	cps
Scandium	45-1	5516820	5512329	5476190	5501780	0.40	cps
Scandium	45-2	185690	180635	184292	183539	1.42	cps
Selenium	82-1	122	80	100	101	21.09	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	63	68	66	66	3.83	cps
Silicon	28-1	1981314	1844575	1784020	1869970	5.40	cps
Silver	107-1	2400	2342	2300	2347	2.14	cps
Silver	109-1	2167	2292	2125	2195	3.95	cps
Sodium	23-2	100622694	97908256	99570667	99367206	1.38	cps
Strontium	86-1	10805	9462	9795	10021	6.98	cps
Strontium	88-1	90193	82435	79124	83917	6.77	cps
Sulfur	34-1	431306	441119	439746	437390	1.21	cps
Terbium	159-1	8354480	8620483	8512250	8495738	1.57	cps
Terbium	159-2	3870320	3841523	3910266	3874036	0.89	cps
Thallium	203-1	858	767	658	761	13.15	cps
Thallium	205-1	2034	1775	1700	1836	9.53	cps
Tin	118-1	2325	2259	2017	2200	7.37	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:22:51	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1108	1092	900	1033	11.20	cps
Uranium	238-1	1067	750	567	794	31.84	cps
Vanadium	51-2	330	347	790	489	53.37	cps
Ytterbium	172-1	400	325	425	383	13.58	cps
Ytterbium	172-2	178	211	206	198	9.01	cps
Ytterbium	176-1	1692	1717	1625	1678	2.82	cps
Ytterbium	176-2	8736	8419	9315	8823	5.14	cps
Yttrium	89-1	11222572	11458587	11482780	11387980	1.26	cps
Yttrium	89-2	1311658	1276483	1321691	1303277	1.82	cps
Zinc	66-2	1520	1483	5336	2780	79.63	cps
Zirconium	90-1	2442	1875	1900	2072	15.45	cps
Zirconium	91-1	500	325	283	369	31.12	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	21288	21123	20877	21096	0.98	cps
Antimony	121-1	813136	838925	817812	823291	1.67	cps
Arsenic	75-2	27120	27345	26522	26996	1.57	cps
Barium	135-1	102279	105822	103505	103868	1.73	cps
Barium	137-1	178762	181737	178031	179510	1.09	cps
Beryllium	9-1	156670	163328	160256	160085	2.08	cps
Bismuth	209-1	5246927	5313886	5340506	5300440	0.91	cps
Bismuth	209-2	2882731	2755849	2766379	2801653	2.51	cps
Boron	10-1	109222	115532	114523	113092	3.00	cps
Boron	11-1	483262	509904	502981	498716	2.77	cps
Bromine	81-1	31252	29883	29757	30297	2.74	cps
Cadmium	111-1	114070	113647	110782	112833	1.59	cps
Cadmium	106-1	27161	27754	26309	27075	2.68	cps
Cadmium	108-1	15004	15584	15133	15241	2.00	cps
Calcium	43-1	35941	35936	35555	35811	0.62	cps
Calcium	44-1	554647	565211	553066	557641	1.18	cps
Carbon	12-1	3857901	3945694	4033943	3945846	2.23	cps
Carbon	12-2	47703	46457	46265	46809	1.67	cps
Chlorine	35-1	181907	186389	185909	184735	1.33	cps
Chlorine	35-2	1158	1125	1200	1161	3.24	cps
Chromium	52-2	133046	131722	131997	132255	0.53	cps
Cobalt	59-2	237181	227336	227889	230802	2.40	cps
Copper	63-2	180896	177598	178085	178860	1.00	cps
Dysprosium	156-1	0	25	25	17	86.60	cps
Dysprosium	156-2	0	10	3	4	114.60	cps
Erbium	164-1	58	42	83	61	34.32	cps
Erbium	164-2	33	23	30	29	17.63	cps
Gadolinium	160-1	83	33	100	72	48.04	cps
Gadolinium	160-2	113	137	117	122	10.32	cps
Holmium	165-1	8681625	8669380	8345753	8565586	2.22	cps
Holmium	165-2	3782154	3873016	3718723	3791298	2.05	cps
Indium	115-1	7098649	7158532	7219983	7159054	0.85	cps
Indium	115-2	1134343	1104227	1123738	1120769	1.36	cps
Iron	54-2	123860	120319	119484	121221	1.92	cps
Iron	56-2	2223898	2261798	2171821	2219172	2.04	cps
Iron	57-2	53306	53171	50740	52406	2.76	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	309	327	325	320	3.18	cps
Lead	206-1	682075	705400	681359	689611	1.98	cps
Lead	207-1	565521	593007	578077	578868	2.38	cps
Lead	208-1	2624243	2773520	2697539	2698434	2.77	cps
Lithium	6-1	3434109	3445534	3455654	3445099	0.31	cps
Magnesium	24-2	134039	133997	131811	133282	0.96	cps
Manganese	55-2	70332	68795	66913	68680	2.49	cps
Molybdenum	94-1	8093745	8150649	8011051	8085149	0.87	cps
Molybdenum	95-1	11632533	11911778	11284963	11609758	2.70	cps
Molybdenum	96-1	12537534	12900177	12506171	12647961	1.73	cps
Molybdenum	97-1	7118859	7297580	7058646	7158362	1.74	cps
Molybdenum	98-1	18424464	19174292	18943723	18847493	2.04	cps
Neodymium	150-1	27	27	20	24	15.75	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	70089	68400	68025	68838	1.60	cps
Phosphorus	31-2	133	192	200	175	20.76	cps
Potassium	39-2	185450	184975	182587	184337	0.83	cps
Rhodium	103-1	7411355	7279957	7011462	7234258	2.82	cps
Rhodium	103-2	3169338	3169618	3113732	3150896	1.02	cps
Scandium	45-1	5664353	5668128	5493003	5608495	1.78	cps
Scandium	45-2	179867	174478	177242	177196	1.52	cps
Selenium	82-1	20667	21326	20574	20856	1.97	cps
Selenium	77-2	673	640	660	658	2.55	cps
Selenium	78-2	2177	2178	2146	2167	0.84	cps
Silicon	28-1	3468310	4309911	4486274	4088165	13.31	cps
Silver	107-1	313793	313378	307201	311457	1.19	cps
Silver	109-1	291887	299211	294738	295279	1.25	cps
Sodium	23-2	438957	441698	442500	441052	0.42	cps
Strontium	86-1	746386	761701	742144	750077	1.37	cps
Strontium	88-1	6204349	6453599	6316368	6324772	1.97	cps
Sulfur	34-1	448162	438233	438937	441777	1.25	cps
Terbium	159-1	8986704	8740393	8719450	8815516	1.69	cps
Terbium	159-2	3905521	3826122	3742926	3824856	2.13	cps
Thallium	203-1	853209	866330	847603	855714	1.12	cps
Thallium	205-1	2122616	2135102	2113863	2123860	0.50	cps
Tin	118-1	1777322	1834165	1847020	1819502	2.04	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICV50	Instrumnet Name :	P8
Client Sample ID :	ICV50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:46:39	DataFile Name :	015ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3830871	3889549	3818167	3846196	0.99	cps
Uranium	238-1	6573856	6977499	6948428	6833261	3.29	cps
Vanadium	51-2	101742	101665	99732	101046	1.13	cps
Ytterbium	172-1	75	58	42	58	28.57	cps
Ytterbium	172-2	6	17	22	15	57.25	cps
Ytterbium	176-1	9178	9520	9270	9323	1.90	cps
Ytterbium	176-2	12017	12295	12467	12260	1.85	cps
Yttrium	89-1	12041074	11853874	11731607	11875519	1.31	cps
Yttrium	89-2	1300785	1271449	1264541	1278925	1.50	cps
Zinc	66-2	46643	45540	45563	45915	1.37	cps
Zirconium	90-1	4076919	4074701	3927444	4026355	2.13	cps
Zirconium	91-1	890204	918866	885254	898108	2.02	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	965	956	927	950	2.07	cps
Antimony	121-1	8078	8253	8328	8219	1.56	cps
Arsenic	75-2	139	137	160	145	8.77	cps
Barium	135-1	9270	10237	10087	9865	5.28	cps
Barium	137-1	16703	17462	17437	17200	2.51	cps
Beryllium	9-1	1740	1782	1839	1787	2.77	cps
Bismuth	209-1	5036666	5351627	5417043	5268445	3.86	cps
Bismuth	209-2	2658317	2797006	2776802	2744042	2.73	cps
Boron	10-1	7090	7410	7598	7366	3.49	cps
Boron	11-1	31077	33351	34067	32831	4.76	cps
Bromine	81-1	31085	30400	29348	30278	2.89	cps
Cadmium	111-1	1604	1587	1552	1581	1.68	cps
Cadmium	106-1	4092	3976	3909	3992	2.33	cps
Cadmium	108-1	108	117	121	115	5.52	cps
Calcium	43-1	8136	8404	8326	8289	1.66	cps
Calcium	44-1	141137	143445	144634	143072	1.24	cps
Carbon	12-1	3492087	3457760	3468766	3472871	0.50	cps
Carbon	12-2	40038	39420	38810	39423	1.56	cps
Chlorine	35-1	141302	143456	143171	142643	0.82	cps
Chlorine	35-2	983	825	917	908	8.75	cps
Chromium	52-2	3304	3497	3237	3346	4.04	cps
Cobalt	59-2	2564	2490	2427	2494	2.74	cps
Copper	63-2	4758	4491	4297	4515	5.12	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	67	100	72	35.25	cps
Erbium	164-2	33	20	17	23	37.78	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	120	97	127	114	13.76	cps
Holmium	165-1	8015089	8321062	8411194	8249115	2.52	cps
Holmium	165-2	3717430	3810619	3787696	3771915	1.29	cps
Indium	115-1	7125459	7383807	7236092	7248453	1.79	cps
Indium	115-2	1068965	1123249	1126581	1106265	2.92	cps
Iron	54-2	3951	3884	3523	3786	6.08	cps
Iron	56-2	60305	57243	57505	58351	2.91	cps
Iron	57-2	1428	1695	1428	1517	10.15	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	276	270	284	277	2.49	cps
Lead	206-1	3384	3639	3606	3543	3.92	cps
Lead	207-1	2895	2928	3300	3041	7.41	cps
Lead	208-1	13870	14187	14331	14129	1.67	cps
Lithium	6-1	3337036	3352801	3369714	3353184	0.49	cps
Magnesium	24-2	59899	56610	57113	57874	3.06	cps
Manganese	55-2	843	793	700	779	9.34	cps
Molybdenum	94-1	9837	9804	10012	9884	1.13	cps
Molybdenum	95-1	12364	12347	12339	12350	0.10	cps
Molybdenum	96-1	13449	13449	13999	13632	2.33	cps
Molybdenum	97-1	7227	8186	7819	7744	6.25	cps
Molybdenum	98-1	19431	19823	19606	19620	1.00	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	583	750	680	671	12.47	cps
Phosphorus	31-2	242	225	217	228	5.59	cps
Potassium	39-2	70514	68948	68438	69300	1.56	cps
Rhodium	103-1	6944660	7222482	7137777	7101640	2.01	cps
Rhodium	103-2	3059158	3232803	3227395	3173118	3.11	cps
Scandium	45-1	5475979	5645070	5639778	5586942	1.72	cps
Scandium	45-2	171077	179495	182352	177641	3.30	cps
Selenium	82-1	534	581	600	572	5.97	cps
Selenium	77-2	17	17	3	12	63.01	cps
Selenium	78-2	117	116	100	111	8.59	cps
Silicon	28-1	980516	961921	979338	973925	1.07	cps
Silver	107-1	5910	6018	6377	6102	4.00	cps
Silver	109-1	5268	6327	6018	5871	9.28	cps
Sodium	23-2	132961	130640	131430	131677	0.90	cps
Strontium	86-1	1950	2109	2200	2086	6.06	cps
Strontium	88-1	13766	12698	13557	13340	4.24	cps
Sulfur	34-1	451062	452015	450901	451326	0.13	cps
Terbium	159-1	8457381	8795080	8728607	8660356	2.07	cps
Terbium	159-2	3654877	3973935	4000906	3876573	4.96	cps
Thallium	203-1	4176	4292	3934	4134	4.42	cps
Thallium	205-1	9420	8928	8812	9053	3.57	cps
Tin	118-1	18021	18905	18789	18572	2.59	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	LLICV	Instrumnet Name :	P8
Client Sample ID :	LLICV	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 14:55:33	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4076	3701	3867	3881	4.84	cps
Uranium	238-1	12256	12156	12498	12304	1.43	cps
Vanadium	51-2	5294	5178	4948	5140	3.43	cps
Ytterbium	172-1	17	50	25	31	56.77	cps
Ytterbium	172-2	6	22	17	15	57.25	cps
Ytterbium	176-1	1292	1400	1258	1317	5.63	cps
Ytterbium	176-2	8420	8608	8697	8575	1.66	cps
Yttrium	89-1	11849269	11847854	11912919	11870014	0.31	cps
Yttrium	89-2	1217697	1290528	1267150	1258459	2.95	cps
Zinc	66-2	637	533	577	582	8.91	cps
Zirconium	90-1	8736	8461	8494	8564	1.75	cps
Zirconium	91-1	2125	1708	1934	1922	10.85	cps

LB Number : LB124916 Operator : Jaswal
 Lab Sample ID : ICB50 Instrumnet Name : P8
 Client Sample ID : ICB50 Dilution Factor : 1
 Date & Time Acquired : 2023-04-06 15:02:57 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56	74	69	66	13.61	cps
Antimony	121-1	58	83	42	61	34.32	cps
Arsenic	75-2	4	6	2	4	50.00	cps
Barium	135-1	8	0	25	11	114.58	cps
Barium	137-1	25	8	17	17	50.01	cps
Beryllium	9-1	80	72	66	73	9.44	cps
Bismuth	209-1	5349262	4904974	4536832	4930356	8.25	cps
Bismuth	209-2	2878848	2855175	2865247	2866423	0.41	cps
Boron	10-1	2470	2618	2494	2527	3.14	cps
Boron	11-1	11238	11146	11026	11137	0.96	cps
Bromine	81-1	30033	28989	28722	29248	2.37	cps
Cadmium	111-1	478	394	343	405	16.90	cps
Cadmium	106-1	4743	3842	3517	4034	15.74	cps
Cadmium	108-1	13	4	25	14	75.48	cps
Calcium	43-1	101	94	82	92	10.20	cps
Calcium	44-1	12695	12699	12352	12582	1.58	cps
Carbon	12-1	3406701	3362638	3346873	3372071	0.92	cps
Carbon	12-2	38593	39930	39161	39228	1.71	cps
Chlorine	35-1	131798	130333	128291	130141	1.35	cps
Chlorine	35-2	817	767	850	811	5.17	cps
Chromium	52-2	627	660	690	659	4.81	cps
Cobalt	59-2	103	83	67	84	21.74	cps
Copper	63-2	653	670	710	678	4.30	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	125	83	81	56.98	cps
Erbium	164-2	20	10	47	26	74.17	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	93	133	150	126	23.20	cps
Holmium	165-1	8565429	7715917	7211195	7830847	8.74	cps
Holmium	165-2	3841762	3875694	3930001	3882486	1.15	cps
Indium	115-1	7132812	6700859	5964603	6599425	8.95	cps
Indium	115-2	1143587	1141483	1160485	1148518	0.91	cps
Iron	54-2	672	572	567	604	9.84	cps
Iron	56-2	2900	2711	2611	2741	5.35	cps
Iron	57-2	161	167	172	167	3.34	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:02:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	290	296	294	1.23	cps
Lead	206-1	383	478	467	443	11.66	cps
Lead	207-1	406	367	322	365	11.43	cps
Lead	208-1	1722	1683	1761	1722	2.26	cps
Lithium	6-1	3455518	3211115	2987901	3218178	7.27	cps
Magnesium	24-2	308	308	275	297	6.48	cps
Manganese	55-2	53	27	43	41	32.76	cps
Molybdenum	94-1	275	250	167	231	24.60	cps
Molybdenum	95-1	250	125	158	178	36.41	cps
Molybdenum	96-1	300	208	108	206	46.64	cps
Molybdenum	97-1	175	67	42	94	75.04	cps
Molybdenum	98-1	425	200	125	250	62.45	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	17	13	14	13.35	cps
Phosphorus	31-2	133	267	150	183	39.63	cps
Potassium	39-2	28554	28487	28604	28548	0.21	cps
Rhodium	103-1	7249371	6794264	6023011	6688882	9.27	cps
Rhodium	103-2	3213830	3211345	3191584	3205586	0.38	cps
Scandium	45-1	5516947	5415125	4820236	5250769	7.17	cps
Scandium	45-2	180054	181837	181946	181279	0.59	cps
Selenium	82-1	-1	8	-9	-1	-975.96	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	57	65	49	57	14.03	cps
Silicon	28-1	888125	895082	871421	884876	1.37	cps
Silver	107-1	100	142	125	122	17.16	cps
Silver	109-1	75	67	58	67	12.50	cps
Sodium	23-2	28587	27777	28186	28183	1.44	cps
Strontium	86-1	383	442	658	494	29.31	cps
Strontium	88-1	267	258	83	203	51.05	cps
Sulfur	34-1	454820	451399	455140	453786	0.46	cps
Terbium	159-1	9014338	8003417	7565645	8194467	9.07	cps
Terbium	159-2	3888185	3869352	3910594	3889377	0.53	cps
Thallium	203-1	217	150	150	172	22.35	cps
Thallium	205-1	400	292	250	314	24.67	cps
Tin	118-1	442	475	475	464	4.15	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICB50	Instrumnet Name :	P8
Client Sample ID :	ICB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:02:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	158	83	167	52.68	cps
Uranium	238-1	242	275	175	231	22.09	cps
Vanadium	51-2	3	7	3	4	43.40	cps
Ytterbium	172-1	50	108	17	58	79.54	cps
Ytterbium	172-2	33	17	28	26	32.72	cps
Ytterbium	176-1	1500	1317	1217	1345	10.69	cps
Ytterbium	176-2	8564	8692	9181	8812	3.70	cps
Yttrium	89-1	11730670	11141110	10045821	10972534	7.79	cps
Yttrium	89-2	1286363	1276272	1304841	1289159	1.12	cps
Zinc	66-2	107	67	53	76	36.74	cps
Zirconium	90-1	575	433	433	481	17.02	cps
Zirconium	91-1	133	142	58	111	41.31	cps

LB Number : LB124916 Operator : Jaswal
 Lab Sample ID : ICSA50 Instrumnet Name : P8
 Client Sample ID : ICSA50 Dilution Factor : 1
 Date & Time Acquired : 2023-04-06 15:06:03 DataFile Name : 019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3977390	3747508	3708897	3811265	3.81	cps
Antimony	121-1	4326	4584	4443	4451	2.91	cps
Arsenic	75-2	46	64	59	56	16.50	cps
Barium	135-1	1192	1333	1458	1328	10.05	cps
Barium	137-1	2342	2400	2367	2370	1.24	cps
Beryllium	9-1	471	487	439	466	5.33	cps
Bismuth	209-1	5178227	5038132	5381198	5199186	3.32	cps
Bismuth	209-2	2679901	2775659	2776664	2744075	2.03	cps
Boron	10-1	2562	2532	2454	2516	2.22	cps
Boron	11-1	11462	11640	11556	11553	0.77	cps
Bromine	81-1	30467	32029	31854	31450	2.72	cps
Cadmium	111-1	1038	1085	1014	1046	3.43	cps
Cadmium	106-1	4259	4142	4326	4242	2.19	cps
Cadmium	108-1	1067	1054	1133	1085	3.92	cps
Calcium	43-1	1577854	1558227	1597994	1578025	1.26	cps
Calcium	44-1	24747875	24324694	25042107	24704892	1.46	cps
Carbon	12-1	19623532	19943275	20200245	19922351	1.45	cps
Carbon	12-2	234891	226097	227380	229456	2.07	cps
Chlorine	35-1	7518606	8874058	10131255	8841306	14.78	cps
Chlorine	35-2	85470	91170	95045	90562	5.32	cps
Chromium	52-2	25586	24775	23797	24719	3.63	cps
Cobalt	59-2	2570	2607	2290	2489	6.96	cps
Copper	63-2	12816	12682	12692	12730	0.58	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	75	100	72	40.52	cps
Erbium	164-2	30	27	30	29	6.65	cps
Gadolinium	160-1	108	117	117	114	4.22	cps
Gadolinium	160-2	127	117	110	118	7.12	cps
Holmium	165-1	8254717	8776568	8411176	8480820	3.16	cps
Holmium	165-2	3805946	3896697	3914485	3872376	1.50	cps
Indium	115-1	7087124	6985974	7045975	7039691	0.72	cps
Indium	115-2	1119221	1121768	1136304	1125764	0.82	cps
Iron	54-2	5690084	5597304	5496872	5594753	1.73	cps
Iron	56-2	104076172	103192094	100298088	102522118	1.93	cps
Iron	57-2	2668233	2615989	2505861	2596694	3.19	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:06:03	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	264	286	297	282	6.08	cps
Lead	206-1	14859	15888	16706	15817	5.85	cps
Lead	207-1	12184	12701	14041	12975	7.39	cps
Lead	208-1	57211	60361	65226	60933	6.63	cps
Lithium	6-1	3442362	3364069	3387993	3398141	1.18	cps
Magnesium	24-2	10126110	10232495	9783961	10047522	2.33	cps
Manganese	55-2	4998	4864	4738	4866	2.67	cps
Molybdenum	94-1	2548941	2537481	2509635	2532019	0.80	cps
Molybdenum	95-1	4492136	4279637	4512258	4428010	2.91	cps
Molybdenum	96-1	4811620	4672946	4814455	4766340	1.70	cps
Molybdenum	97-1	2794139	2796860	2779910	2790303	0.33	cps
Molybdenum	98-1	7149483	7066102	7053919	7089835	0.73	cps
Neodymium	150-1	20	13	33	22	45.83	cps
Neodymium	150-2	0	20	0	7	173.21	cps
Nickel	60-2	3150	3004	3110	3088	2.46	cps
Phosphorus	31-2	226017	224935	219046	223332	1.68	cps
Potassium	39-2	7338669	7345325	7107392	7263795	1.87	cps
Rhodium	103-1	6965781	6953594	6896702	6938692	0.53	cps
Rhodium	103-2	3056952	3144309	3142699	3114653	1.60	cps
Scandium	45-1	5734330	5504835	5586011	5608392	2.07	cps
Scandium	45-2	180829	179766	178176	179590	0.74	cps
Selenium	82-1	40	82	37	53	47.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	44	35	44	21.45	cps
Silicon	28-1	1019288	1002672	994270	1005410	1.27	cps
Silver	107-1	233	183	150	189	22.21	cps
Silver	109-1	217	108	175	167	32.79	cps
Sodium	23-2	19895842	19090994	18641401	19209412	3.31	cps
Strontium	86-1	49673	50158	50568	50133	0.89	cps
Strontium	88-1	423167	422369	419315	421617	0.48	cps
Sulfur	34-1	2873986	2850436	2763754	2829392	2.05	cps
Terbium	159-1	8914882	9021537	8701771	8879396	1.83	cps
Terbium	159-2	3916233	4033498	3885575	3945102	1.98	cps
Thallium	203-1	400	475	467	447	9.19	cps
Thallium	205-1	1158	1033	1133	1108	5.97	cps
Tin	118-1	917	1025	875	939	8.25	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSA50	Instrumnet Name :	P8
Client Sample ID :	ICSA50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:06:03	DataFile Name :	019ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1514179	1521173	1526622	1520658	0.41	cps
Uranium	238-1	300	325	408	344	16.47	cps
Vanadium	51-2	150	173	137	153	12.10	cps
Ytterbium	172-1	83	50	17	50	66.67	cps
Ytterbium	172-2	33	22	22	26	24.74	cps
Ytterbium	176-1	1442	1433	1325	1400	4.65	cps
Ytterbium	176-2	8697	8698	8742	8712	0.29	cps
Yttrium	89-1	11682578	11945419	11832855	11820284	1.12	cps
Yttrium	89-2	1277442	1317897	1291752	1295697	1.58	cps
Zinc	66-2	2334	2450	2154	2312	6.46	cps
Zirconium	90-1	533	500	675	569	16.32	cps
Zirconium	91-1	100	117	133	117	14.29	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3998909	3878447	3853190	3910182	1.99	cps
Antimony	121-1	85484	89041	90004	88176	2.70	cps
Arsenic	75-2	2650	2651	2631	2644	0.43	cps
Barium	135-1	21426	22837	21718	21993	3.39	cps
Barium	137-1	37929	37687	37236	37617	0.94	cps
Beryllium	9-1	33184	33465	33064	33238	0.62	cps
Bismuth	209-1	5141620	5107417	5121704	5123581	0.34	cps
Bismuth	209-2	2706117	2730198	2801658	2745991	1.81	cps
Boron	10-1	11466	11748	11952	11722	2.08	cps
Boron	11-1	51789	52671	53801	52754	1.91	cps
Bromine	81-1	32706	33725	33299	33243	1.54	cps
Cadmium	111-1	22886	22566	22978	22810	0.95	cps
Cadmium	106-1	8044	7594	7836	7825	2.88	cps
Cadmium	108-1	2967	3217	3134	3106	4.10	cps
Calcium	43-1	1606573	1630293	1697435	1644767	2.87	cps
Calcium	44-1	25724869	25662332	26357212	25914805	1.48	cps
Carbon	12-1	20967990	21615284	22235555	21606276	2.93	cps
Carbon	12-2	250432	252035	246289	249585	1.19	cps
Chlorine	35-1	11489310	13457891	15233170	13393457	13.98	cps
Chlorine	35-2	123742	125903	125962	125202	1.01	cps
Chromium	52-2	54306	52376	50285	52322	3.84	cps
Cobalt	59-2	48646	46981	45804	47143	3.03	cps
Copper	63-2	49847	47890	47680	48472	2.47	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	67	50	75	64	19.92	cps
Erbium	164-2	30	23	33	29	17.63	cps
Gadolinium	160-1	100	100	142	114	21.12	cps
Gadolinium	160-2	120	117	133	123	7.15	cps
Holmium	165-1	8377461	8646281	8811007	8611583	2.54	cps
Holmium	165-2	3997016	3918586	3993026	3969543	1.11	cps
Indium	115-1	7295827	7389590	7437978	7374465	0.98	cps
Indium	115-2	1136697	1142683	1125986	1135122	0.75	cps
Iron	54-2	5945197	5715760	5645006	5768655	2.72	cps
Iron	56-2	109169091	104087194	105894586	106383624	2.42	cps
Iron	57-2	2713032	2681643	2614071	2669582	1.89	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	322	275	297	298	7.96	cps
Lead	206-1	77995	80208	80678	79627	1.80	cps
Lead	207-1	66091	69129	67112	67444	2.29	cps
Lead	208-1	306282	314403	311980	310888	1.34	cps
Lithium	6-1	3421328	3444762	3479860	3448650	0.85	cps
Magnesium	24-2	10687870	10348118	10286165	10440718	2.07	cps
Manganese	55-2	19367	19140	18399	18968	2.67	cps
Molybdenum	94-1	2812661	2970404	2891931	2891665	2.73	cps
Molybdenum	95-1	4748343	4840544	4854190	4814359	1.20	cps
Molybdenum	96-1	5124220	5112961	5157900	5131693	0.46	cps
Molybdenum	97-1	2943201	2941360	3006279	2963613	1.25	cps
Molybdenum	98-1	7692816	7759563	7720463	7724281	0.43	cps
Neodymium	150-1	40	20	27	29	35.25	cps
Neodymium	150-2	13	10	20	14	35.26	cps
Nickel	60-2	16927	15632	16113	16224	4.03	cps
Phosphorus	31-2	243410	232168	229232	234936	3.19	cps
Potassium	39-2	7898898	7561943	7504429	7655090	2.78	cps
Rhodium	103-1	6999926	7089681	7110734	7066781	0.83	cps
Rhodium	103-2	3119350	3136170	3158084	3137868	0.62	cps
Scandium	45-1	5732674	5776098	5711454	5740075	0.57	cps
Scandium	45-2	185050	182343	179416	182270	1.55	cps
Selenium	82-1	2049	2121	2151	2107	2.50	cps
Selenium	77-2	43	73	60	59	25.53	cps
Selenium	78-2	233	246	246	242	3.11	cps
Silicon	28-1	1208009	1189788	1173701	1190499	1.44	cps
Silver	107-1	112054	113239	112794	112695	0.53	cps
Silver	109-1	105833	107697	107351	106960	0.93	cps
Sodium	23-2	20338992	19790638	19292592	19807407	2.64	cps
Strontium	86-1	125655	125303	127135	126031	0.77	cps
Strontium	88-1	1054338	1066258	1084873	1068490	1.44	cps
Sulfur	34-1	2931699	2928745	2926300	2928915	0.09	cps
Terbium	159-1	8946142	8988354	9027974	8987490	0.46	cps
Terbium	159-2	3939025	3902565	3902419	3914670	0.54	cps
Thallium	203-1	78530	79462	80592	79528	1.30	cps
Thallium	205-1	188297	189367	192045	189903	1.02	cps
Tin	118-1	170048	177889	174876	174271	2.27	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	ICSAB50	Instrumnet Name :	P8
Client Sample ID :	ICSAB50	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:08:57	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1590153	1584480	1638349	1604328	1.84	cps
Uranium	238-1	579536	598776	588596	588969	1.63	cps
Vanadium	51-2	21152	19624	19403	20060	4.75	cps
Ytterbium	172-1	75	33	67	58	37.80	cps
Ytterbium	172-2	33	33	28	31	10.18	cps
Ytterbium	176-1	2125	2292	2359	2259	5.32	cps
Ytterbium	176-2	9281	8881	9064	9075	2.21	cps
Yttrium	89-1	12042900	12171976	12170627	12128501	0.61	cps
Yttrium	89-2	1296824	1288472	1288933	1291410	0.36	cps
Zinc	66-2	7085	6898	6675	6886	2.98	cps
Zirconium	90-1	393682	399503	395958	396381	0.74	cps
Zirconium	91-1	89053	89372	85296	87907	2.58	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2197577	2131287	2055126	2127997	3.35	cps
Antimony	121-1	2105174	2031951	2130576	2089234	2.45	cps
Arsenic	75-2	68332	66243	65892	66822	1.97	cps
Barium	135-1	2568859	2599614	2606782	2591752	0.78	cps
Barium	137-1	4286650	4410942	4384299	4360630	1.50	cps
Beryllium	9-1	800506	815330	811838	809225	0.96	cps
Bismuth	209-1	5091703	5159679	5055819	5102401	1.03	cps
Bismuth	209-2	2722635	2693758	2686110	2700835	0.71	cps
Boron	10-1	218774	240677	250169	236540	6.81	cps
Boron	11-1	934845	1019329	1031468	995214	5.29	cps
Bromine	81-1	30710	30300	29908	30306	1.32	cps
Cadmium	111-1	539640	541660	549117	543472	0.92	cps
Cadmium	106-1	68104	69526	67968	68533	1.26	cps
Cadmium	108-1	44869	46947	45333	45716	2.39	cps
Calcium	43-1	4035788	4061947	4143470	4080402	1.38	cps
Calcium	44-1	64070374	63717784	65534579	64440912	1.50	cps
Carbon	12-1	5006152	5412834	5420350	5279779	4.49	cps
Carbon	12-2	66802	67983	66735	67173	1.04	cps
Chlorine	35-1	686592	669008	660217	671939	2.00	cps
Chlorine	35-2	4709	4492	4551	4584	2.45	cps
Chromium	52-2	669127	655122	632958	652403	2.80	cps
Cobalt	59-2	1226650	1167831	1142509	1178997	3.66	cps
Copper	63-2	9160384	9148777	8775932	9028364	2.42	cps
Dysprosium	156-1	558	583	542	561	3.74	cps
Dysprosium	156-2	270	287	250	269	6.83	cps
Erbium	164-1	192	150	75	139	42.57	cps
Erbium	164-2	33	20	57	37	50.62	cps
Gadolinium	160-1	450	592	683	575	20.44	cps
Gadolinium	160-2	410	377	370	386	5.56	cps
Holmium	165-1	8632661	8513987	8879831	8675493	2.15	cps
Holmium	165-2	3942414	3906450	3816105	3888323	1.67	cps
Indium	115-1	7026834	7117508	7335345	7159896	2.21	cps
Indium	115-2	1118237	1098016	1096796	1104350	1.09	cps
Iron	54-2	7626461	7390669	7263857	7426996	2.48	cps
Iron	56-2	138380228	136104836	132389214	135624760	2.23	cps
Iron	57-2	3529490	3426108	3361250	3438949	2.47	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	331	316	299	315	5.16	cps
Lead	206-1	8297091	8393568	8199483	8296714	1.17	cps
Lead	207-1	7292640	7442752	7469710	7401701	1.29	cps
Lead	208-1	33245298	33960744	33920248	33708763	1.19	cps
Lithium	6-1	3451335	3404144	3376464	3410648	1.11	cps
Magnesium	24-2	30044088	28799776	28091164	28978343	3.41	cps
Manganese	55-2	3633493	3569335	3385911	3529580	3.64	cps
Molybdenum	94-1	8783864	8823690	8661073	8756209	0.97	cps
Molybdenum	95-1	12693658	13110649	12921993	12908767	1.62	cps
Molybdenum	96-1	13753234	14121854	14053182	13976090	1.40	cps
Molybdenum	97-1	7756560	7946324	7740635	7814507	1.46	cps
Molybdenum	98-1	21002874	21194343	19863237	20686818	3.48	cps
Neodymium	150-1	313	260	360	311	16.08	cps
Neodymium	150-2	30	30	37	32	11.95	cps
Nickel	60-2	324330	317903	314573	318935	1.55	cps
Phosphorus	31-2	25406	23854	23636	24299	3.97	cps
Potassium	39-2	10281973	10021860	9958670	10087501	1.70	cps
Rhodium	103-1	6885183	6840254	6813331	6846256	0.53	cps
Rhodium	103-2	3062816	2944672	3056567	3021352	2.20	cps
Scandium	45-1	5638052	5647245	5693560	5659619	0.53	cps
Scandium	45-2	186460	182787	183285	184177	1.08	cps
Selenium	82-1	52759	53769	52566	53032	1.22	cps
Selenium	77-2	1587	1610	1723	1640	4.46	cps
Selenium	78-2	5751	5593	5316	5553	3.97	cps
Silicon	28-1	26084040	27351992	27017911	26817981	2.45	cps
Silver	107-1	2931143	2961978	2877787	2923636	1.46	cps
Silver	109-1	2741468	2671853	2787431	2733584	2.13	cps
Sodium	23-2	54040137	51400482	50286525	51909048	3.71	cps
Strontium	86-1	19428222	19673089	19582919	19561410	0.63	cps
Strontium	88-1	165929083	167678479	167452808	167020123	0.57	cps
Sulfur	34-1	791779	793754	800213	795249	0.55	cps
Terbium	159-1	9039524	8824238	8988318	8950693	1.26	cps
Terbium	159-2	3953606	3906287	3881123	3913672	0.94	cps
Thallium	203-1	1973954	1983561	1994643	1984053	0.52	cps
Thallium	205-1	4624074	4747268	4493122	4621488	2.75	cps
Tin	118-1	1789512	1837864	1841164	1822847	1.59	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:29:35	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3889604	3980949	4015554	3962036	1.64	cps
Uranium	238-1	6467693	6395110	6200781	6354528	2.17	cps
Vanadium	51-2	535715	523031	504435	521060	3.02	cps
Ytterbium	172-1	342	217	367	308	26.06	cps
Ytterbium	172-2	161	167	100	143	25.94	cps
Ytterbium	176-1	9203	9771	9896	9623	3.83	cps
Ytterbium	176-2	13007	13162	12551	12907	2.46	cps
Yttrium	89-1	11970829	11931800	11801671	11901434	0.74	cps
Yttrium	89-2	1299711	1300355	1281059	1293708	0.85	cps
Zinc	66-2	1101807	1091041	1065222	1086023	1.73	cps
Zirconium	90-1	4315922	4236814	4311503	4288080	1.04	cps
Zirconium	91-1	939609	976309	962663	959527	1.93	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	67	54	63	13.14	cps
Antimony	121-1	408	367	375	383	5.75	cps
Arsenic	75-2	3	7	2	4	66.14	cps
Barium	135-1	75	25	33	44	60.28	cps
Barium	137-1	175	58	67	100	65.09	cps
Beryllium	9-1	136	111	106	118	13.63	cps
Bismuth	209-1	4664302	5407427	5153582	5075103	7.44	cps
Bismuth	209-2	2767183	2743273	2739292	2749916	0.55	cps
Boron	10-1	4904	4958	4918	4927	0.57	cps
Boron	11-1	22160	20969	20498	21209	4.04	cps
Bromine	81-1	30108	31294	31520	30974	2.45	cps
Cadmium	111-1	400	481	401	427	10.84	cps
Cadmium	106-1	3651	4568	4076	4098	11.20	cps
Cadmium	108-1	21	25	33	26	24.12	cps
Calcium	43-1	220	115	114	150	40.77	cps
Calcium	44-1	15183	13426	12908	13839	8.62	cps
Carbon	12-1	3385096	3367730	3377255	3376694	0.26	cps
Carbon	12-2	40172	39044	39428	39548	1.45	cps
Chlorine	35-1	488860	487912	482071	486281	0.76	cps
Chlorine	35-2	3317	3150	3826	3431	10.25	cps
Chromium	52-2	597	567	583	582	2.58	cps
Cobalt	59-2	100	93	87	93	7.14	cps
Copper	63-2	780	840	800	807	3.79	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	25	42	39	32.73	cps
Erbium	164-2	27	50	23	33	43.59	cps
Gadolinium	160-1	67	75	100	81	21.53	cps
Gadolinium	160-2	70	93	113	92	23.52	cps
Holmium	165-1	7206763	8167949	8210582	7861765	7.22	cps
Holmium	165-2	3610682	3865868	3767321	3747957	3.43	cps
Indium	115-1	6320846	7162574	7108688	6864036	6.86	cps
Indium	115-2	1103478	1127167	1089341	1106662	1.73	cps
Iron	54-2	594	656	683	644	7.06	cps
Iron	56-2	3100	3356	3195	3217	4.02	cps
Iron	57-2	239	161	161	187	24.01	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	304	310	294	302	2.71	cps
Lead	206-1	739	611	528	626	16.99	cps
Lead	207-1	744	550	522	606	20.00	cps
Lead	208-1	3167	2206	2239	2537	21.50	cps
Lithium	6-1	2988726	3395391	3315752	3233289	6.67	cps
Magnesium	24-2	333	350	442	375	15.56	cps
Manganese	55-2	43	87	77	69	32.94	cps
Molybdenum	94-1	583	308	350	414	35.81	cps
Molybdenum	95-1	792	392	225	469	62.04	cps
Molybdenum	96-1	742	375	258	458	55.03	cps
Molybdenum	97-1	425	242	158	275	49.61	cps
Molybdenum	98-1	1317	417	342	692	78.45	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13	13	3	10	57.75	cps
Phosphorus	31-2	167	175	200	181	9.61	cps
Potassium	39-2	29765	29765	29013	29514	1.47	cps
Rhodium	103-1	6167503	7051411	6916539	6711817	7.09	cps
Rhodium	103-2	3097699	3165085	3124916	3129233	1.08	cps
Scandium	45-1	4881637	5429917	5441496	5251017	6.09	cps
Scandium	45-2	170048	177908	175091	174349	2.28	cps
Selenium	82-1	10	-20	29	6	393.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	39	57	54	24.82	cps
Silicon	28-1	894918	874976	894306	888067	1.28	cps
Silver	107-1	300	200	225	242	21.53	cps
Silver	109-1	225	108	133	156	39.49	cps
Sodium	23-2	33898	32420	32954	33091	2.26	cps
Strontium	86-1	1167	625	458	750	49.38	cps
Strontium	88-1	5360	1092	483	2312	114.95	cps
Sulfur	34-1	455341	460950	456428	457573	0.65	cps
Terbium	159-1	7487675	8615623	8547518	8216939	7.70	cps
Terbium	159-2	3819680	3877017	3779788	3825495	1.28	cps
Thallium	203-1	383	392	467	414	11.09	cps
Thallium	205-1	1000	808	758	856	14.91	cps
Tin	118-1	550	517	425	497	13.02	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:36:57	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	183	183	178	5.41	cps
Uranium	238-1	283	33	17	111	134.45	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Ytterbium	172-1	42	117	33	64	71.84	cps
Ytterbium	172-2	28	17	33	26	32.72	cps
Ytterbium	176-1	1242	1242	1275	1253	1.54	cps
Ytterbium	176-2	8369	9070	8742	8727	4.02	cps
Yttrium	89-1	10030706	11789517	11794221	11204815	9.07	cps
Yttrium	89-2	1252682	1264210	1243469	1253454	0.83	cps
Zinc	66-2	63	77	70	70	9.53	cps
Zirconium	90-1	525	492	525	514	3.74	cps
Zirconium	91-1	158	125	117	133	16.54	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	934	880	927	914	3.22	cps
Antimony	121-1	7961	8344	7969	8092	2.71	cps
Arsenic	75-2	158	156	137	150	7.71	cps
Barium	135-1	10012	10096	9470	9859	3.45	cps
Barium	137-1	16819	17420	16577	16939	2.56	cps
Beryllium	9-1	1870	1892	1870	1877	0.69	cps
Bismuth	209-1	5291332	5443194	5293404	5342643	1.63	cps
Bismuth	209-2	2882179	2842697	2869091	2864656	0.70	cps
Boron	10-1	6648	6978	6952	6860	2.68	cps
Boron	11-1	29738	30984	31397	30707	2.81	cps
Bromine	81-1	31319	31444	30701	31155	1.28	cps
Cadmium	111-1	1586	1539	1546	1557	1.63	cps
Cadmium	106-1	4451	4634	4884	4656	4.67	cps
Cadmium	108-1	96	142	138	125	20.27	cps
Calcium	43-1	8294	8585	8131	8337	2.76	cps
Calcium	44-1	144027	145110	146002	145046	0.68	cps
Carbon	12-1	3442345	3456312	3407807	3435488	0.73	cps
Carbon	12-2	39504	40407	39754	39888	1.17	cps
Chlorine	35-1	417737	422915	419879	420177	0.62	cps
Chlorine	35-2	2675	2800	2900	2792	4.04	cps
Chromium	52-2	3187	3304	3094	3195	3.29	cps
Cobalt	59-2	2477	2344	2414	2411	2.77	cps
Copper	63-2	4517	4481	4397	4465	1.38	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	67	83	75	75	11.11	cps
Erbium	164-2	20	23	23	22	8.65	cps
Gadolinium	160-1	58	58	58	58	0.01	cps
Gadolinium	160-2	103	103	147	118	21.24	cps
Holmium	165-1	8370659	8320502	8429210	8373457	0.65	cps
Holmium	165-2	3929262	3924219	3871649	3908377	0.82	cps
Indium	115-1	7133456	7357885	7287359	7259567	1.58	cps
Indium	115-2	1139793	1167469	1162919	1156727	1.28	cps
Iron	54-2	3717	3428	3667	3604	4.28	cps
Iron	56-2	58977	56288	55809	57025	2.99	cps
Iron	57-2	1489	1472	1439	1467	1.74	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	314	341	307	321	5.60	cps
Lead	206-1	3717	3617	3428	3588	4.09	cps
Lead	207-1	3206	3145	3317	3223	2.71	cps
Lead	208-1	14759	14487	14787	14678	1.13	cps
Lithium	6-1	3375922	3442049	3414661	3410877	0.97	cps
Magnesium	24-2	58452	57614	56694	57587	1.53	cps
Manganese	55-2	823	717	807	782	7.34	cps
Molybdenum	94-1	10162	10179	10413	10251	1.36	cps
Molybdenum	95-1	12506	12406	12431	12448	0.42	cps
Molybdenum	96-1	13173	13332	12915	13140	1.60	cps
Molybdenum	97-1	7185	7327	7436	7316	1.72	cps
Molybdenum	98-1	19573	20299	20249	20040	2.02	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	723	670	780	724	7.59	cps
Phosphorus	31-2	175	208	225	203	12.56	cps
Potassium	39-2	70649	68069	67985	68901	2.20	cps
Rhodium	103-1	7280317	7181610	7150425	7204117	0.94	cps
Rhodium	103-2	3255907	3274617	3256992	3262505	0.32	cps
Scandium	45-1	5630712	5604355	5699735	5644934	0.87	cps
Scandium	45-2	182698	182101	186212	183670	1.21	cps
Selenium	82-1	544	527	609	560	7.68	cps
Selenium	77-2	13	10	23	16	44.60	cps
Selenium	78-2	104	106	104	105	1.10	cps
Silicon	28-1	913188	903522	922331	913014	1.03	cps
Silver	107-1	5876	5851	6327	6018	4.44	cps
Silver	109-1	5901	5626	5710	5746	2.46	cps
Sodium	23-2	135694	132818	129556	132689	2.31	cps
Strontium	86-1	2059	2250	2075	2128	4.99	cps
Strontium	88-1	13716	14450	13323	13829	4.13	cps
Sulfur	34-1	463174	459751	457487	460137	0.62	cps
Terbium	159-1	9050204	8778943	8682460	8837202	2.16	cps
Terbium	159-2	3948679	4071802	3782818	3934433	3.69	cps
Thallium	203-1	4151	3751	3992	3965	5.08	cps
Thallium	205-1	9629	9637	9796	9687	0.97	cps
Tin	118-1	18588	19297	18505	18797	2.32	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:43:09	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4159	4209	4342	4237	2.24	cps
Uranium	238-1	12165	12131	12365	12220	1.03	cps
Vanadium	51-2	5351	5201	4821	5124	5.33	cps
Ytterbium	172-1	75	67	42	61	28.38	cps
Ytterbium	172-2	22	22	17	20	15.73	cps
Ytterbium	176-1	1592	1242	1325	1386	13.19	cps
Ytterbium	176-2	8647	9131	9048	8942	2.89	cps
Yttrium	89-1	11910633	11899219	12079066	11962973	0.84	cps
Yttrium	89-2	1298752	1304241	1309105	1304033	0.40	cps
Zinc	66-2	553	510	600	554	8.12	cps
Zirconium	90-1	8836	8561	8845	8747	1.84	cps
Zirconium	91-1	2325	1817	2117	2086	12.25	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125020	118861	118264	120715	3.10	cps
Antimony	121-1	3703604	3849966	3732604	3762058	2.06	cps
Arsenic	75-2	106380	99800	101845	102675	3.28	cps
Barium	135-1	1817292	1832048	1778869	1809403	1.52	cps
Barium	137-1	3158650	3124870	3106624	3130048	0.84	cps
Beryllium	9-1	372549	379927	376773	376416	0.98	cps
Bismuth	209-1	5124441	5398710	5284941	5269364	2.62	cps
Bismuth	209-2	2937371	3518818	2838538	3098242	11.86	cps
Boron	10-1	253684	281946	287506	274379	6.61	cps
Boron	11-1	1039491	1167224	1199631	1135449	7.46	cps
Bromine	81-1	31219	32998	30835	31684	3.64	cps
Cadmium	111-1	651099	656241	637965	648435	1.45	cps
Cadmium	106-1	65883	68572	67257	67237	2.00	cps
Cadmium	108-1	45437	45412	45600	45483	0.22	cps
Calcium	43-1	2992	3092	3074	3053	1.74	cps
Calcium	44-1	34948	35169	34967	35028	0.35	cps
Carbon	12-1	4034334	4130343	4131294	4098657	1.36	cps
Carbon	12-2	47987	47920	47510	47806	0.54	cps
Chlorine	35-1	414806	422304	423333	420148	1.11	cps
Chlorine	35-2	2867	2734	2742	2781	2.69	cps
Chromium	52-2	488012	462903	466610	472508	2.87	cps
Cobalt	59-2	2251255	2083911	2085922	2140363	4.49	cps
Copper	63-2	1253420	1174835	1196022	1208092	3.37	cps
Dysprosium	156-1	25	33	42	33	25.01	cps
Dysprosium	156-2	7	13	30	17	72.11	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	23	17	20	20	16.65	cps
Gadolinium	160-1	58	75	100	78	26.96	cps
Gadolinium	160-2	93	153	123	123	24.33	cps
Holmium	165-1	8098782	8533124	8260649	8297518	2.65	cps
Holmium	165-2	3895976	4640068	3944446	4160163	10.01	cps
Indium	115-1	7217267	7435144	7229017	7293809	1.68	cps
Indium	115-2	1153028	1438470	1166620	1252706	12.85	cps
Iron	54-2	229781	215537	219187	221502	3.34	cps
Iron	56-2	4051261	3825378	3828741	3901793	3.32	cps
Iron	57-2	96800	93237	92113	94050	2.60	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	302	285	281	290	3.92	cps
Lead	206-1	3913109	4070411	3957680	3980400	2.04	cps
Lead	207-1	3285856	3397870	3311595	3331773	1.76	cps
Lead	208-1	15248491	15644002	15431215	15441236	1.28	cps
Lithium	6-1	3340709	3446160	3480454	3422441	2.13	cps
Magnesium	24-2	350	308	433	364	17.49	cps
Manganese	55-2	955949	890445	908257	918217	3.69	cps
Molybdenum	94-1	447396	455053	444484	448978	1.22	cps
Molybdenum	95-1	785665	776331	795692	785896	1.23	cps
Molybdenum	96-1	829630	843245	833823	835566	0.83	cps
Molybdenum	97-1	495570	491491	482189	489750	1.40	cps
Molybdenum	98-1	1248981	1259686	1237920	1248862	0.87	cps
Neodymium	150-1	273	200	173	216	24.02	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	716142	659887	681208	685746	4.14	cps
Phosphorus	31-2	208	192	167	189	11.10	cps
Potassium	39-2	29130	29982	29798	29637	1.51	cps
Rhodium	103-1	7177331	7307325	7399151	7294603	1.53	cps
Rhodium	103-2	3188539	3951853	3239734	3460042	12.33	cps
Scandium	45-1	5413960	5750625	5766245	5643610	3.53	cps
Scandium	45-2	183803	225867	186911	198860	11.79	cps
Selenium	82-1	80709	81424	81889	81341	0.73	cps
Selenium	77-2	2400	2377	2294	2357	2.38	cps
Selenium	78-2	8448	8047	8037	8178	2.87	cps
Silicon	28-1	1171881	1222808	1201315	1198668	2.13	cps
Silver	107-1	4896962	4927294	5066352	4963536	1.82	cps
Silver	109-1	4665103	4781919	4579294	4675439	2.18	cps
Sodium	23-2	35811	34951	35193	35318	1.26	cps
Strontium	86-1	564299	583916	569334	572516	1.78	cps
Strontium	88-1	4934186	4965412	4951508	4950368	0.32	cps
Sulfur	34-1	459607	454702	459357	457888	0.60	cps
Terbium	159-1	8655461	8719142	9001863	8792155	2.10	cps
Terbium	159-2	4011454	4740867	4027567	4259963	9.78	cps
Thallium	203-1	1138689	1137818	1109151	1128552	1.49	cps
Thallium	205-1	2733969	2788285	2733356	2751870	1.15	cps
Tin	118-1	683	675	583	647	8.57	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:46:13	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	292	208	236	20.38	cps
Uranium	238-1	58	50	25	44	39.04	cps
Vanadium	51-2	1243166	1190124	1198945	1210745	2.35	cps
Ytterbium	172-1	42	83	67	64	32.83	cps
Ytterbium	172-2	39	28	22	30	28.65	cps
Ytterbium	176-1	1358	1517	1525	1467	6.40	cps
Ytterbium	176-2	8681	10660	9159	9500	10.87	cps
Yttrium	89-1	11995927	12262813	11782955	12013898	2.00	cps
Yttrium	89-2	1324173	1600372	1312375	1412307	11.54	cps
Zinc	66-2	117791	110077	115093	114321	3.42	cps
Zirconium	90-1	1267	1567	1350	1395	11.11	cps
Zirconium	91-1	733	658	850	747	12.93	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2471	2389	2336	2399	2.84	cps
Antimony	121-1	1583	1625	1859	1689	8.78	cps
Arsenic	75-2	8	9	9	9	6.66	cps
Barium	135-1	267	125	142	178	43.56	cps
Barium	137-1	283	392	300	325	17.95	cps
Beryllium	9-1	167	117	136	140	17.99	cps
Bismuth	209-1	5237135	5401309	5460921	5366455	2.16	cps
Bismuth	209-2	2907666	2993943	2849411	2917007	2.49	cps
Boron	10-1	56376	58414	57884	57558	1.84	cps
Boron	11-1	253661	258722	259525	257303	1.24	cps
Bromine	81-1	31728	31211	31996	31645	1.26	cps
Cadmium	111-1	460	440	512	471	7.84	cps
Cadmium	106-1	4217	4176	4793	4395	7.84	cps
Cadmium	108-1	29	21	25	25	16.68	cps
Calcium	43-1	179	167	151	166	8.34	cps
Calcium	44-1	15465	15280	15343	15363	0.61	cps
Carbon	12-1	3741549	3790582	3787971	3773367	0.73	cps
Carbon	12-2	43774	43014	43248	43345	0.90	cps
Chlorine	35-1	1911296	2206855	2366127	2161426	10.68	cps
Chlorine	35-2	18988	19397	20139	19508	2.99	cps
Chromium	52-2	637	640	590	622	4.49	cps
Cobalt	59-2	197	200	157	184	13.07	cps
Copper	63-2	933	900	873	902	3.33	cps
Dysprosium	156-1	17	17	17	17	0.00	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	50	58	47	26.96	cps
Erbium	164-2	20	33	47	33	40.01	cps
Gadolinium	160-1	58	75	75	69	13.85	cps
Gadolinium	160-2	120	127	97	114	13.76	cps
Holmium	165-1	8003025	8514168	8490003	8335732	3.46	cps
Holmium	165-2	3975940	3998937	3879703	3951527	1.60	cps
Indium	115-1	7038336	7356883	7420987	7272068	2.82	cps
Indium	115-2	1124115	1150549	1104826	1126497	2.04	cps
Iron	54-2	667	700	561	643	11.28	cps
Iron	56-2	4162	4151	4173	4162	0.27	cps
Iron	57-2	189	150	183	174	12.08	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	301	296	295	297	1.11	cps
Lead	206-1	995	972	856	941	7.93	cps
Lead	207-1	756	895	961	870	12.05	cps
Lead	208-1	3667	3845	3873	3795	2.94	cps
Lithium	6-1	3315679	3356526	3429957	3367387	1.72	cps
Magnesium	24-2	333	400	450	394	14.84	cps
Manganese	55-2	83	70	60	71	16.46	cps
Molybdenum	94-1	3309	3134	3526	3323	5.91	cps
Molybdenum	95-1	225	242	200	222	9.44	cps
Molybdenum	96-1	792	583	825	733	17.86	cps
Molybdenum	97-1	133	117	92	114	18.41	cps
Molybdenum	98-1	392	333	292	339	14.82	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	20	3	3	9	108.30	cps
Nickel	60-2	157	147	137	147	6.82	cps
Phosphorus	31-2	158	142	208	169	20.48	cps
Potassium	39-2	28921	28545	29631	29032	1.90	cps
Rhodium	103-1	6897968	7250843	7437165	7195326	3.81	cps
Rhodium	103-2	3238106	3262470	3231893	3244157	0.50	cps
Scandium	45-1	5501621	5637182	5702317	5613707	1.82	cps
Scandium	45-2	183379	185230	176351	181653	2.58	cps
Selenium	82-1	-11	40	30	20	138.74	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	45	55	51	50	10.01	cps
Silicon	28-1	6397795	6535442	6651589	6528275	1.95	cps
Silver	107-1	342	350	375	356	4.88	cps
Silver	109-1	283	183	108	192	45.81	cps
Sodium	23-2	64058	61589	62016	62554	2.11	cps
Strontium	86-1	675	592	558	608	9.88	cps
Strontium	88-1	925	683	458	689	33.88	cps
Sulfur	34-1	447730	450103	445739	447857	0.49	cps
Terbium	159-1	8593901	9099924	9190840	8961555	3.59	cps
Terbium	159-2	3951507	4003534	3854991	3936677	1.91	cps
Thallium	203-1	467	517	367	450	16.97	cps
Thallium	205-1	1183	1033	1150	1122	7.02	cps
Tin	118-1	3613763	3665935	3589084	3622927	1.08	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:49:12	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	187778	190568	195068	191138	1.92	cps
Uranium	238-1	117	33	58	69	61.58	cps
Vanadium	51-2	33	30	37	33	10.01	cps
Ytterbium	172-1	92	67	75	78	16.37	cps
Ytterbium	172-2	28	44	39	37	22.91	cps
Ytterbium	176-1	1242	1533	1433	1403	10.57	cps
Ytterbium	176-2	8531	9142	9037	8903	3.67	cps
Yttrium	89-1	11621757	11726673	12270724	11873051	2.93	cps
Yttrium	89-2	1290641	1315758	1265156	1290518	1.96	cps
Zinc	66-2	163	173	200	179	10.59	cps
Zirconium	90-1	8469	8620	9604	8898	6.92	cps
Zirconium	91-1	1967	2059	1959	1995	2.78	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72	59	81	71	16.01	cps
Antimony	121-1	508	492	467	489	4.29	cps
Arsenic	75-2	9	9	12	10	17.32	cps
Barium	135-1	233	325	308	289	16.90	cps
Barium	137-1	392	367	508	422	17.91	cps
Beryllium	9-1	105	99	99	101	3.58	cps
Bismuth	209-1	8474895	8374592	8008111	8285866	2.97	cps
Bismuth	209-2	3949768	3969795	3932303	3950622	0.47	cps
Boron	10-1	12979	11951	11636	12189	5.76	cps
Boron	11-1	56607	53988	51481	54025	4.74	cps
Bromine	81-1	31937	32831	32756	32508	1.53	cps
Cadmium	111-1	797	706	694	732	7.66	cps
Cadmium	106-1	7335	6527	6560	6807	6.72	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	818734	796169	757062	790655	3.95	cps
Calcium	44-1	13206028	12625976	11918438	12583481	5.12	cps
Carbon	12-1	3752107	3829675	3910115	3830632	2.06	cps
Carbon	12-2	44360	44451	45379	44730	1.26	cps
Chlorine	35-1	1932165	2028137	2144131	2034811	5.22	cps
Chlorine	35-2	16134	17194	16309	16546	3.43	cps
Chromium	52-2	330	257	340	309	14.73	cps
Cobalt	59-2	77	83	77	79	4.87	cps
Copper	63-2	820	870	763	818	6.53	cps
Dysprosium	156-1	33	33	33	33	0.00	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	117	133	50	100	44.10	cps
Erbium	164-2	30	33	43	36	19.51	cps
Gadolinium	160-1	92	150	100	114	27.70	cps
Gadolinium	160-2	177	167	180	174	3.98	cps
Holmium	165-1	13782424	13538347	12578644	13299805	4.78	cps
Holmium	165-2	5629500	5509490	5411387	5516792	1.98	cps
Indium	115-1	11930000	11495285	10919111	11448132	4.43	cps
Indium	115-2	1662601	1667642	1643456	1657900	0.77	cps
Iron	54-2	472	472	478	474	0.68	cps
Iron	56-2	3350	3212	2978	3180	5.92	cps
Iron	57-2	1711	1706	1895	1771	6.07	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	304	290	344	312	8.93	cps
Lead	206-1	1378	1800	1945	1708	17.25	cps
Lead	207-1	1350	1428	1761	1513	14.44	cps
Lead	208-1	5790	7168	8062	7006	16.34	cps
Lithium	6-1	5470073	5374638	5181598	5342103	2.75	cps
Magnesium	24-2	2094766	2032851	2183705	2103774	3.60	cps
Manganese	55-2	97	100	77	91	13.85	cps
Molybdenum	94-1	417	450	375	414	9.08	cps
Molybdenum	95-1	183	275	275	244	21.65	cps
Molybdenum	96-1	492	308	333	378	26.32	cps
Molybdenum	97-1	167	142	150	153	8.33	cps
Molybdenum	98-1	442	333	350	375	15.56	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	43	37	20	33	36.05	cps
Phosphorus	31-2	142	150	192	161	16.63	cps
Potassium	39-2	1319502	1342647	1333959	1332036	0.88	cps
Rhodium	103-1	11808388	11087422	10768453	11221421	4.75	cps
Rhodium	103-2	4518069	4568162	4478828	4521686	0.99	cps
Scandium	45-1	9246952	9094479	8423970	8921800	4.91	cps
Scandium	45-2	260006	259871	253704	257861	1.40	cps
Selenium	82-1	25	1	-5	7	223.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	53	52	54	4.90	cps
Silicon	28-1	868875	812365	780840	820694	5.44	cps
Silver	107-1	217	175	200	197	10.63	cps
Silver	109-1	108	142	92	114	22.35	cps
Sodium	23-2	19720455	19172268	20315276	19736000	2.90	cps
Strontium	86-1	12548	12856	11830	12411	4.24	cps
Strontium	88-1	106832	101360	97316	101836	4.69	cps
Sulfur	34-1	445079	448111	454472	449221	1.07	cps
Terbium	159-1	14914498	13803123	13354145	14023922	5.73	cps
Terbium	159-2	5719063	5643788	5379311	5580721	3.20	cps
Thallium	203-1	358	367	283	336	13.66	cps
Thallium	205-1	958	808	708	825	15.25	cps
Tin	118-1	900	558	483	647	34.32	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 15:52:16	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	192	108	189	41.93	cps
Uranium	238-1	58	17	8	28	96.44	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	92	117	100	103	12.39	cps
Ytterbium	172-2	17	67	17	33	86.59	cps
Ytterbium	176-1	2292	2359	2042	2231	7.49	cps
Ytterbium	176-2	12879	12645	12278	12601	2.40	cps
Yttrium	89-1	19767916	19374832	18110944	19084564	4.54	cps
Yttrium	89-2	1873911	1905815	1861368	1880365	1.22	cps
Zinc	66-2	220	220	260	233	9.90	cps
Zirconium	90-1	658	658	625	647	2.97	cps
Zirconium	91-1	108	100	133	114	15.23	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125971	122760	121623	123451	1.83	cps
Antimony	121-1	3648493	3890743	3879542	3806260	3.59	cps
Arsenic	75-2	106971	104459	100896	104109	2.93	cps
Barium	135-1	1732556	1843104	1838630	1804763	3.47	cps
Barium	137-1	3034970	3047408	3044329	3042236	0.21	cps
Beryllium	9-1	371852	382518	376801	377057	1.42	cps
Bismuth	209-1	5371621	5351862	5596384	5439956	2.50	cps
Bismuth	209-2	2907292	2869249	2834892	2870477	1.26	cps
Boron	10-1	256146	289368	296564	280693	7.68	cps
Boron	11-1	1052696	1139618	1220184	1137499	7.36	cps
Bromine	81-1	32297	32681	31637	32205	1.64	cps
Cadmium	111-1	639756	645408	648031	644398	0.66	cps
Cadmium	106-1	66050	65473	64702	65409	1.03	cps
Cadmium	108-1	44200	45266	45312	44926	1.40	cps
Calcium	43-1	3035	3185	2917	3046	4.40	cps
Calcium	44-1	35042	35389	36284	35572	1.80	cps
Carbon	12-1	4058013	4217013	4214174	4163067	2.19	cps
Carbon	12-2	47135	49685	49108	48642	2.75	cps
Chlorine	35-1	851992	842444	830909	841782	1.25	cps
Chlorine	35-2	5510	5309	5701	5507	3.56	cps
Chromium	52-2	492782	479508	466451	479580	2.75	cps
Cobalt	59-2	2208819	2085097	2078249	2124055	3.46	cps
Copper	63-2	1268156	1232068	1194174	1231466	3.00	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	13	10	23	16	44.60	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	30	17	33	27	33.06	cps
Gadolinium	160-1	50	125	67	81	48.89	cps
Gadolinium	160-2	143	97	123	121	19.33	cps
Holmium	165-1	8249996	8779100	8478336	8502477	3.12	cps
Holmium	165-2	3937611	3839619	3888846	3888692	1.26	cps
Indium	115-1	7273164	7352954	7308672	7311597	0.55	cps
Indium	115-2	1183744	1130917	1153173	1155944	2.29	cps
Iron	54-2	229919	224588	220962	225156	2.00	cps
Iron	56-2	4052211	4008743	3954960	4005304	1.22	cps
Iron	57-2	98996	94607	94713	96106	2.61	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	306	294	299	2.21	cps
Lead	206-1	3911400	3967537	4144730	4007889	3.04	cps
Lead	207-1	3357945	3407026	3501671	3422214	2.13	cps
Lead	208-1	15326990	15411119	16219736	15652615	3.15	cps
Lithium	6-1	3542335	3362056	3501572	3468654	2.73	cps
Magnesium	24-2	258	400	417	358	24.28	cps
Manganese	55-2	975342	946209	925816	949122	2.62	cps
Molybdenum	94-1	444895	459474	460098	454822	1.89	cps
Molybdenum	95-1	771754	796632	808297	792228	2.36	cps
Molybdenum	96-1	834938	844501	862808	847416	1.67	cps
Molybdenum	97-1	484486	478452	499048	487329	2.17	cps
Molybdenum	98-1	1244102	1247089	1278535	1256575	1.52	cps
Neodymium	150-1	273	193	133	200	35.12	cps
Neodymium	150-2	27	3	7	12	103.26	cps
Nickel	60-2	717415	697026	690772	701737	1.99	cps
Phosphorus	31-2	150	142	108	133	16.54	cps
Potassium	39-2	29197	29790	29322	29436	1.06	cps
Rhodium	103-1	7536899	7314788	7485414	7445700	1.56	cps
Rhodium	103-2	3381017	3188066	3149770	3239618	3.83	cps
Scandium	45-1	5565928	5788673	5679904	5678168	1.96	cps
Scandium	45-2	186435	184336	181588	184120	1.32	cps
Selenium	82-1	79034	82088	82274	81132	2.24	cps
Selenium	77-2	2657	2574	2360	2530	6.05	cps
Selenium	78-2	8471	8386	8311	8390	0.95	cps
Silicon	28-1	1195927	1213539	1217429	1208965	0.95	cps
Silver	107-1	4847981	4897538	4859502	4868341	0.53	cps
Silver	109-1	4499636	4698172	4729716	4642508	2.69	cps
Sodium	23-2	36313	36496	36538	36449	0.33	cps
Strontium	86-1	567742	572057	582630	574143	1.33	cps
Strontium	88-1	4882794	4995389	4954483	4944222	1.15	cps
Sulfur	34-1	467736	461576	461993	463768	0.74	cps
Terbium	159-1	8820756	9127702	8795189	8914549	2.08	cps
Terbium	159-2	4025597	4020359	3858056	3968004	2.40	cps
Thallium	203-1	1098677	1139472	1168698	1135616	3.10	cps
Thallium	205-1	2658202	2819189	2886533	2787975	4.21	cps
Tin	118-1	417	592	517	508	17.27	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:00:10	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	225	217	258	233	9.45	cps
Uranium	238-1	67	50	25	47	44.41	cps
Vanadium	51-2	1301959	1257308	1227464	1262244	2.97	cps
Ytterbium	172-1	58	50	25	44	39.03	cps
Ytterbium	172-2	44	39	28	37	22.91	cps
Ytterbium	176-1	1233	1367	1425	1342	7.32	cps
Ytterbium	176-2	8964	9570	8981	9172	3.76	cps
Yttrium	89-1	12331973	11926356	12319999	12192776	1.89	cps
Yttrium	89-2	1363297	1310773	1286196	1320089	2.98	cps
Zinc	66-2	119305	115419	112365	115696	3.01	cps
Zirconium	90-1	1367	1167	1175	1236	9.15	cps
Zirconium	91-1	633	850	817	767	15.22	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2384	2265	2346	2332	2.60	cps
Antimony	121-1	1600	1767	2042	1803	12.37	cps
Arsenic	75-2	10	13	13	12	14.43	cps
Barium	135-1	367	183	167	239	46.45	cps
Barium	137-1	475	350	325	383	20.97	cps
Beryllium	9-1	174	131	130	145	17.18	cps
Bismuth	209-1	5340174	5273410	5301886	5305157	0.63	cps
Bismuth	209-2	2930847	2870037	2806468	2869117	2.17	cps
Boron	10-1	59962	60646	60168	60259	0.58	cps
Boron	11-1	269593	271829	269485	270302	0.49	cps
Bromine	81-1	32021	31837	30910	31589	1.89	cps
Cadmium	111-1	569	480	473	508	10.55	cps
Cadmium	106-1	4943	4259	4234	4479	8.98	cps
Cadmium	108-1	42	29	13	28	52.68	cps
Calcium	43-1	137	110	142	130	13.46	cps
Calcium	44-1	15392	15500	15351	15414	0.50	cps
Carbon	12-1	3942856	3959905	3962679	3955147	0.27	cps
Carbon	12-2	45780	45788	45546	45705	0.30	cps
Chlorine	35-1	2283214	2564124	2813352	2553563	10.39	cps
Chlorine	35-2	21158	22551	23219	22309	4.71	cps
Chromium	52-2	667	633	637	646	2.84	cps
Cobalt	59-2	273	253	180	236	20.86	cps
Copper	63-2	790	803	853	816	4.09	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	75	75	83	78	6.19	cps
Erbium	164-2	33	20	10	21	55.45	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	150	127	127	134	10.02	cps
Holmium	165-1	8318169	8523212	8367964	8403115	1.27	cps
Holmium	165-2	3959352	3907872	3769021	3878748	2.54	cps
Indium	115-1	7084501	7218832	7270940	7191425	1.34	cps
Indium	115-2	1131270	1130937	1122536	1128248	0.44	cps
Iron	54-2	706	656	650	670	4.56	cps
Iron	56-2	4023	3906	3728	3886	3.82	cps
Iron	57-2	278	228	233	246	11.13	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	291	314	291	299	4.35	cps
Lead	206-1	1111	989	1039	1046	5.87	cps
Lead	207-1	894	794	972	887	10.05	cps
Lead	208-1	4367	3867	4067	4100	6.14	cps
Lithium	6-1	3388661	3349431	3273841	3337311	1.75	cps
Magnesium	24-2	450	392	400	414	7.62	cps
Manganese	55-2	87	67	60	71	19.52	cps
Molybdenum	94-1	2984	3100	2967	3017	2.41	cps
Molybdenum	95-1	250	133	208	197	29.98	cps
Molybdenum	96-1	675	692	767	711	6.87	cps
Molybdenum	97-1	175	75	142	131	39.00	cps
Molybdenum	98-1	492	200	233	308	51.78	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	163	173	110	149	22.87	cps
Phosphorus	31-2	142	125	183	150	20.03	cps
Potassium	39-2	28537	30032	29481	29350	2.57	cps
Rhodium	103-1	7137126	7473125	7278964	7296405	2.31	cps
Rhodium	103-2	3329611	3214303	3221286	3255067	1.99	cps
Scandium	45-1	5623807	5626221	5509522	5586517	1.19	cps
Scandium	45-2	183782	184230	180909	182973	0.98	cps
Selenium	82-1	14	-28	59	15	287.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	48	49	53	50	5.29	cps
Silicon	28-1	6428502	6597765	6581118	6535795	1.43	cps
Silver	107-1	475	208	167	283	59.04	cps
Silver	109-1	383	200	192	258	41.94	cps
Sodium	23-2	64694	61940	61505	62713	2.76	cps
Strontium	86-1	517	567	583	556	6.24	cps
Strontium	88-1	667	492	358	506	30.59	cps
Sulfur	34-1	450851	446925	453234	450337	0.71	cps
Terbium	159-1	8696313	8838762	8903603	8812893	1.20	cps
Terbium	159-2	4058572	3872090	3863860	3931507	2.80	cps
Thallium	203-1	642	358	417	472	31.68	cps
Thallium	205-1	1058	992	1150	1067	7.45	cps
Tin	118-1	3611456	3653386	3643738	3636193	0.60	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-04	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:03:09	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	194338	188700	189163	190734	1.64	cps
Uranium	238-1	50	125	58	78	52.85	cps
Vanadium	51-2	50	40	23	38	35.67	cps
Ytterbium	172-1	42	50	75	56	31.22	cps
Ytterbium	172-2	28	33	17	26	32.72	cps
Ytterbium	176-1	1308	1350	1400	1353	3.39	cps
Ytterbium	176-2	9148	8987	8920	9018	1.30	cps
Yttrium	89-1	11754057	12094017	11821918	11889997	1.51	cps
Yttrium	89-2	1296783	1310389	1286345	1297839	0.93	cps
Zinc	66-2	113	147	137	132	12.93	cps
Zirconium	90-1	7852	8028	8611	8164	4.87	cps
Zirconium	91-1	1708	1775	1950	1811	6.89	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	65	65	66	3.27	cps
Antimony	121-1	367	375	350	364	3.50	cps
Arsenic	75-2	11	6	6	8	37.65	cps
Barium	135-1	258	267	233	253	6.86	cps
Barium	137-1	483	425	525	478	10.51	cps
Beryllium	9-1	107	109	101	106	3.80	cps
Bismuth	209-1	8633988	8323542	7694029	8217186	5.83	cps
Bismuth	209-2	4042096	3994808	3895916	3977607	1.88	cps
Boron	10-1	14212	13774	13029	13672	4.37	cps
Boron	11-1	63793	60546	58598	60979	4.30	cps
Bromine	81-1	33332	32347	32764	32814	1.51	cps
Cadmium	111-1	798	684	665	716	10.06	cps
Cadmium	106-1	7586	6810	6377	6924	8.85	cps
Cadmium	108-1	21	38	8	22	65.86	cps
Calcium	43-1	827607	791873	758875	792785	4.34	cps
Calcium	44-1	13435319	12761865	12135487	12777557	5.09	cps
Carbon	12-1	3830985	3857942	3819613	3836180	0.51	cps
Carbon	12-2	45529	44259	44184	44657	1.69	cps
Chlorine	35-1	2119567	2216975	2280866	2205803	3.68	cps
Chlorine	35-2	17569	17795	17803	17722	0.75	cps
Chromium	52-2	303	283	243	277	11.04	cps
Cobalt	59-2	103	67	60	77	30.43	cps
Copper	63-2	790	773	813	792	2.54	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	108	67	142	106	35.60	cps
Erbium	164-2	43	37	27	36	23.58	cps
Gadolinium	160-1	100	142	75	106	31.91	cps
Gadolinium	160-2	133	177	187	166	17.12	cps
Holmium	165-1	14169920	13193359	12588285	13317188	5.99	cps
Holmium	165-2	5649763	5480766	5324146	5484892	2.97	cps
Indium	115-1	12038937	11347874	11003683	11463498	4.60	cps
Indium	115-2	1646102	1641633	1599822	1629186	1.57	cps
Iron	54-2	461	500	550	504	8.85	cps
Iron	56-2	2945	2856	2850	2884	1.84	cps
Iron	57-2	1522	1606	1900	1676	11.84	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	297	305	310	304	2.07	cps
Lead	206-1	1378	1728	1783	1630	13.49	cps
Lead	207-1	1345	1461	1511	1439	5.94	cps
Lead	208-1	6028	7062	7056	6716	8.86	cps
Lithium	6-1	5434568	5165979	4997729	5199425	4.24	cps
Magnesium	24-2	2103226	2128429	2169685	2133780	1.57	cps
Manganese	55-2	93	93	90	92	2.08	cps
Molybdenum	94-1	283	375	175	278	36.04	cps
Molybdenum	95-1	317	250	242	269	15.26	cps
Molybdenum	96-1	300	225	300	275	15.75	cps
Molybdenum	97-1	92	92	117	100	14.43	cps
Molybdenum	98-1	350	233	317	300	20.03	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	43	40	40	8.32	cps
Phosphorus	31-2	150	150	217	172	22.35	cps
Potassium	39-2	1307435	1297590	1313550	1306192	0.62	cps
Rhodium	103-1	11829252	11179710	10521062	11176675	5.85	cps
Rhodium	103-2	4529568	4408222	4391961	4443250	1.69	cps
Scandium	45-1	9494061	8910975	8828619	9077885	4.00	cps
Scandium	45-2	265831	260554	252216	259533	2.65	cps
Selenium	82-1	27	-3	29	18	98.75	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	73	52	51	59	21.17	cps
Silicon	28-1	854065	809977	785606	816549	4.25	cps
Silver	107-1	167	117	175	153	20.65	cps
Silver	109-1	92	33	42	56	56.79	cps
Sodium	23-2	20082188	19651080	19926321	19886530	1.10	cps
Strontium	86-1	13265	12831	11780	12626	6.05	cps
Strontium	88-1	104382	103416	96525	101441	4.22	cps
Sulfur	34-1	456971	466692	466284	463316	1.19	cps
Terbium	159-1	14743236	14119751	13226474	14029821	5.43	cps
Terbium	159-2	5662273	5566596	5374457	5534442	2.65	cps
Thallium	203-1	350	308	342	333	6.62	cps
Thallium	205-1	1000	633	800	811	22.63	cps
Tin	118-1	700	492	450	547	24.48	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WP	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:06:13	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	108	133	225	156	39.49	cps
Uranium	238-1	25	8	0	11	114.58	cps
Vanadium	51-2	17	23	10	17	39.99	cps
Ytterbium	172-1	125	92	92	103	18.72	cps
Ytterbium	172-2	39	50	6	31	73.46	cps
Ytterbium	176-1	2334	2092	2184	2203	5.54	cps
Ytterbium	176-2	12857	12996	12484	12779	2.07	cps
Yttrium	89-1	19382973	19060726	18206699	18883466	3.22	cps
Yttrium	89-2	1910093	1879603	1840666	1876787	1.85	cps
Zinc	66-2	197	207	220	208	5.63	cps
Zirconium	90-1	708	758	683	717	5.33	cps
Zirconium	91-1	183	125	125	144	23.32	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62309	61307	60079	61232	1.82	cps
Antimony	121-1	1885171	1912498	1919296	1905655	0.95	cps
Arsenic	75-2	52630	51713	51150	51831	1.44	cps
Barium	135-1	855550	888491	905076	883039	2.85	cps
Barium	137-1	1502385	1545396	1559723	1535835	1.94	cps
Beryllium	9-1	182837	188486	186927	186083	1.57	cps
Bismuth	209-1	5191303	5324812	5323756	5279957	1.45	cps
Bismuth	209-2	2949040	2990139	2921267	2953482	1.17	cps
Boron	10-1	134271	148610	152204	145028	6.54	cps
Boron	11-1	590351	655526	691307	645728	7.93	cps
Bromine	81-1	30325	30543	31002	30623	1.13	cps
Cadmium	111-1	315541	326545	320040	320709	1.73	cps
Cadmium	106-1	34878	36858	36340	36025	2.85	cps
Cadmium	108-1	22802	22802	22915	22840	0.28	cps
Calcium	43-1	1562	1640	1629	1610	2.60	cps
Calcium	44-1	24492	24563	24595	24550	0.22	cps
Carbon	12-1	4670687	4814134	4754177	4746333	1.52	cps
Carbon	12-2	55380	54251	53431	54354	1.80	cps
Chlorine	35-1	850980	837752	832804	840512	1.12	cps
Chlorine	35-2	5701	6185	5668	5851	4.94	cps
Chromium	52-2	244586	239317	234587	239497	2.09	cps
Cobalt	59-2	1054160	1039202	1031335	1041566	1.11	cps
Copper	63-2	618084	618005	614821	616970	0.30	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	10	20	3	11	75.52	cps
Erbium	164-1	42	33	83	53	50.76	cps
Erbium	164-2	17	37	37	30	38.49	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	123	107	133	121	11.12	cps
Holmium	165-1	8342406	8546057	8594568	8494344	1.58	cps
Holmium	165-2	3901019	3877043	3908814	3895625	0.43	cps
Indium	115-1	7123262	7517704	7208942	7283303	2.85	cps
Indium	115-2	1157011	1172992	1181614	1170539	1.07	cps
Iron	54-2	118566	111656	112109	114110	3.39	cps
Iron	56-2	2099386	2033475	2003921	2045594	2.39	cps
Iron	57-2	48299	49358	45818	47825	3.80	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	301	317	321	313	3.39	cps
Lead	206-1	1995988	1974476	2005140	1991868	0.79	cps
Lead	207-1	1564414	1555771	1575997	1565394	0.65	cps
Lead	208-1	7537226	7596891	7686967	7607028	0.99	cps
Lithium	6-1	3332205	3510889	3377925	3407006	2.72	cps
Magnesium	24-2	300	292	308	300	2.78	cps
Manganese	55-2	475904	466332	462622	468286	1.46	cps
Molybdenum	94-1	220704	228542	228995	226080	2.06	cps
Molybdenum	95-1	388568	398261	394232	393687	1.24	cps
Molybdenum	96-1	420016	427563	419795	422458	1.05	cps
Molybdenum	97-1	237938	245641	249180	244253	2.35	cps
Molybdenum	98-1	623537	637095	628235	629622	1.09	cps
Neodymium	150-1	80	107	113	100	17.64	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	350906	351692	343143	348580	1.36	cps
Phosphorus	31-2	100	175	208	161	34.44	cps
Potassium	39-2	29080	29247	28036	28788	2.28	cps
Rhodium	103-1	7207438	7472680	7515521	7398546	2.26	cps
Rhodium	103-2	3251934	3264868	3293048	3269950	0.64	cps
Scandium	45-1	5640929	5683665	5656522	5660372	0.38	cps
Scandium	45-2	189842	188339	183655	187279	1.72	cps
Selenium	82-1	40244	40455	40185	40295	0.35	cps
Selenium	77-2	1287	1263	1287	1279	1.05	cps
Selenium	78-2	4308	4154	4092	4185	2.66	cps
Silicon	28-1	1019972	1046825	1062901	1043233	2.08	cps
Silver	107-1	2476563	2469128	2515409	2487033	1.00	cps
Silver	109-1	2335249	2385193	2328257	2349566	1.32	cps
Sodium	23-2	34057	32487	33247	33264	2.36	cps
Strontium	86-1	281720	284286	294867	286958	2.43	cps
Strontium	88-1	2468128	2457692	2555233	2493684	2.15	cps
Sulfur	34-1	465672	465655	463008	464778	0.33	cps
Terbium	159-1	8805452	9122082	8825615	8917716	1.99	cps
Terbium	159-2	4010523	4023279	3947949	3993917	1.01	cps
Thallium	203-1	552207	559159	557479	556281	0.65	cps
Thallium	205-1	1315433	1323024	1335839	1324766	0.78	cps
Tin	118-1	500	475	700	558	22.09	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:16:15	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	283	142	211	33.57	cps
Uranium	238-1	8	8	33	17	86.62	cps
Vanadium	51-2	621846	618056	607043	615648	1.25	cps
Ytterbium	172-1	58	58	100	72	33.31	cps
Ytterbium	172-2	50	39	22	37	37.75	cps
Ytterbium	176-1	1408	1558	1500	1489	5.08	cps
Ytterbium	176-2	8987	9331	9048	9122	2.02	cps
Yttrium	89-1	11778382	12057423	12207584	12014463	1.81	cps
Yttrium	89-2	1318931	1314145	1344770	1325949	1.24	cps
Zinc	66-2	58644	58256	57045	57982	1.44	cps
Zirconium	90-1	725	850	817	797	8.12	cps
Zirconium	91-1	408	408	408	408	0.00	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62325	59607	58001	59978	3.64	cps
Antimony	121-1	1806597	1854161	1910686	1857148	2.81	cps
Arsenic	75-2	52528	51698	50622	51616	1.85	cps
Barium	135-1	882187	890332	890092	887537	0.52	cps
Barium	137-1	1534273	1566234	1526966	1542491	1.35	cps
Beryllium	9-1	185315	188798	188671	187595	1.05	cps
Bismuth	209-1	5139744	5218626	5392807	5250392	2.47	cps
Bismuth	209-2	2861246	2889571	2888034	2879617	0.55	cps
Boron	10-1	139689	153167	158279	150378	6.39	cps
Boron	11-1	620381	695246	701698	672442	6.72	cps
Bromine	81-1	31303	32146	30593	31347	2.48	cps
Cadmium	111-1	322139	328457	325231	325276	0.97	cps
Cadmium	106-1	33809	35455	35187	34817	2.54	cps
Cadmium	108-1	22439	22527	21892	22286	1.54	cps
Calcium	43-1	1511	1600	1522	1544	3.13	cps
Calcium	44-1	24141	24517	24161	24273	0.87	cps
Carbon	12-1	4528117	4737371	4682237	4649242	2.33	cps
Carbon	12-2	55087	54636	53673	54465	1.33	cps
Chlorine	35-1	692120	694434	688714	691756	0.42	cps
Chlorine	35-2	4509	4551	4518	4526	0.49	cps
Chromium	52-2	243735	232677	232571	236328	2.71	cps
Cobalt	59-2	1052514	1032491	1011920	1032308	1.97	cps
Copper	63-2	620900	603924	596277	607033	2.08	cps
Dysprosium	156-1	8	25	0	11	114.58	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	42	75	83	67	33.07	cps
Erbium	164-2	20	40	23	28	38.58	cps
Gadolinium	160-1	100	67	58	75	29.39	cps
Gadolinium	160-2	110	100	110	107	5.41	cps
Holmium	165-1	8227947	8475098	8649700	8450915	2.51	cps
Holmium	165-2	3946792	3896918	3942192	3928634	0.70	cps
Indium	115-1	7238978	7275786	7298161	7270975	0.41	cps
Indium	115-2	1154389	1141932	1167849	1154723	1.12	cps
Iron	54-2	114019	111981	112491	112830	0.94	cps
Iron	56-2	1992028	2061118	1947852	2000333	2.85	cps
Iron	57-2	47607	47279	45440	46775	2.50	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	292	310	326	310	5.45	cps
Lead	206-1	1960229	1993656	2038356	1997414	1.96	cps
Lead	207-1	1554793	1722060	1662821	1646558	5.15	cps
Lead	208-1	7702791	8012571	7896213	7870525	1.99	cps
Lithium	6-1	3312810	3374649	3434067	3373842	1.80	cps
Magnesium	24-2	358	208	333	300	26.79	cps
Manganese	55-2	473228	462765	452730	462907	2.21	cps
Molybdenum	94-1	221925	225192	222678	223265	0.77	cps
Molybdenum	95-1	386745	396801	391501	391682	1.28	cps
Molybdenum	96-1	415619	432954	428597	425723	2.12	cps
Molybdenum	97-1	241753	246260	247383	245132	1.22	cps
Molybdenum	98-1	609007	637179	624508	623565	2.26	cps
Neodymium	150-1	93	73	113	93	21.43	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	353748	347363	339202	346771	2.10	cps
Phosphorus	31-2	133	167	167	156	12.37	cps
Potassium	39-2	28796	28604	29472	28957	1.58	cps
Rhodium	103-1	7044753	7258871	7227943	7177189	1.61	cps
Rhodium	103-2	3202208	3146427	3277190	3208608	2.05	cps
Scandium	45-1	5547584	5546335	5640859	5578260	0.97	cps
Scandium	45-2	182565	181024	182681	182090	0.51	cps
Selenium	82-1	39317	40396	40277	39997	1.48	cps
Selenium	77-2	1280	1123	1243	1216	6.74	cps
Selenium	78-2	4281	4120	4104	4168	2.35	cps
Silicon	28-1	1018968	1045770	1038615	1034451	1.34	cps
Silver	107-1	2401764	2495410	2407050	2434741	2.16	cps
Silver	109-1	2302010	2395021	2326451	2341161	2.06	cps
Sodium	23-2	32829	33114	32453	32799	1.01	cps
Strontium	86-1	281026	298641	287759	289142	3.07	cps
Strontium	88-1	2439022	2482755	2466435	2462738	0.90	cps
Sulfur	34-1	461663	461131	458777	460524	0.33	cps
Terbium	159-1	8767574	8866105	8730964	8788214	0.80	cps
Terbium	159-2	3932492	4009008	4050707	3997402	1.50	cps
Thallium	203-1	550291	562662	554688	555880	1.13	cps
Thallium	205-1	1282565	1348441	1365922	1332309	3.30	cps
Tin	118-1	667	667	725	686	4.91	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:19:31	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	150	167	189	28.37	cps
Uranium	238-1	25	17	25	22	21.64	cps
Vanadium	51-2	618575	603545	599491	607204	1.66	cps
Ytterbium	172-1	33	83	100	72	48.04	cps
Ytterbium	172-2	28	22	50	33	44.10	cps
Ytterbium	176-1	1575	1417	1600	1531	6.50	cps
Ytterbium	176-2	9053	8720	9259	9011	3.02	cps
Yttrium	89-1	11728581	12000730	11931373	11886895	1.19	cps
Yttrium	89-2	1294555	1287689	1346093	1309446	2.44	cps
Zinc	66-2	58597	56198	55301	56699	3.01	cps
Zirconium	90-1	817	867	767	817	6.12	cps
Zirconium	91-1	458	292	342	364	23.50	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	76	64	69	9.28	cps
Antimony	121-1	850	1050	1100	1000	13.23	cps
Arsenic	75-2	9	10	6	8	24.98	cps
Barium	135-1	183	75	25	94	85.70	cps
Barium	137-1	250	167	133	183	32.78	cps
Beryllium	9-1	136	134	151	140	6.74	cps
Bismuth	209-1	5486895	5470497	5695456	5550950	2.26	cps
Bismuth	209-2	3423454	3075725	2948824	3149334	7.80	cps
Boron	10-1	21908	20286	18962	20385	7.24	cps
Boron	11-1	97349	91313	87040	91901	5.64	cps
Bromine	81-1	31135	31278	30350	30921	1.62	cps
Cadmium	111-1	494	496	538	509	4.85	cps
Cadmium	106-1	4493	4718	4884	4698	4.19	cps
Cadmium	108-1	25	38	25	29	24.74	cps
Calcium	43-1	105235	104920	104766	104973	0.23	cps
Calcium	44-1	1699163	1702518	1695200	1698960	0.22	cps
Carbon	12-1	4186046	4324069	4304311	4271475	1.75	cps
Carbon	12-2	47887	49133	49852	48957	2.03	cps
Chlorine	35-1	779728	814508	823188	805808	2.85	cps
Chlorine	35-2	6026	6168	5685	5960	4.17	cps
Chromium	52-2	523	610	540	558	8.24	cps
Cobalt	59-2	123	127	117	122	4.17	cps
Copper	63-2	770	737	770	759	2.54	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	75	58	25	53	48.24	cps
Erbium	164-2	37	30	20	29	29.04	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	127	117	120	121	4.20	cps
Holmium	165-1	8598150	8723969	8915392	8745837	1.83	cps
Holmium	165-2	4642746	4255674	4079399	4325940	6.66	cps
Indium	115-1	7529884	7807774	7654267	7663975	1.82	cps
Indium	115-2	1350924	1262266	1214737	1275976	5.42	cps
Iron	54-2	611	544	639	598	8.12	cps
Iron	56-2	2823	2623	2784	2743	3.87	cps
Iron	57-2	489	494	344	443	19.22	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	285	279	295	286	2.86	cps
Lead	206-1	811	578	717	702	16.72	cps
Lead	207-1	544	706	539	596	15.88	cps
Lead	208-1	2806	2645	2706	2719	2.99	cps
Lithium	6-1	3483376	3506528	3605687	3531864	1.84	cps
Magnesium	24-2	301377	290748	291619	294582	2.00	cps
Manganese	55-2	100	90	60	83	24.98	cps
Molybdenum	94-1	233	258	183	225	16.97	cps
Molybdenum	95-1	133	108	125	122	10.41	cps
Molybdenum	96-1	225	142	142	169	28.40	cps
Molybdenum	97-1	100	100	50	83	34.64	cps
Molybdenum	98-1	208	267	200	225	16.14	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	80	110	57	82	32.51	cps
Phosphorus	31-2	208	167	175	183	12.02	cps
Potassium	39-2	206092	202399	203345	203945	0.94	cps
Rhodium	103-1	7377380	7583060	7581725	7514055	1.58	cps
Rhodium	103-2	3780081	3559423	3390241	3576582	5.47	cps
Scandium	45-1	5893975	5977608	6029551	5967044	1.15	cps
Scandium	45-2	211316	197724	192514	200518	4.84	cps
Selenium	82-1	60	21	44	42	46.70	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	60	60	49	56	11.27	cps
Silicon	28-1	837790	832037	828959	832929	0.54	cps
Silver	107-1	342	167	158	222	46.59	cps
Silver	109-1	142	83	125	117	25.75	cps
Sodium	23-2	2863934	2794309	2811926	2823390	1.28	cps
Strontium	86-1	1950	1900	2075	1975	4.56	cps
Strontium	88-1	13799	13932	13282	13671	2.51	cps
Sulfur	34-1	461862	466138	466548	464849	0.56	cps
Terbium	159-1	9265491	9233179	9476789	9325153	1.42	cps
Terbium	159-2	4673001	4238338	4132241	4347860	6.59	cps
Thallium	203-1	350	367	467	394	16.00	cps
Thallium	205-1	1100	1008	883	997	10.91	cps
Tin	118-1	450	492	600	514	15.07	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1952-06DLX5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:22:34	DataFile Name :	034AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	175	158	158	164	5.87	cps
Uranium	238-1	17	8	33	19	65.47	cps
Vanadium	51-2	30	20	23	24	20.83	cps
Ytterbium	172-1	33	42	42	39	12.38	cps
Ytterbium	172-2	50	39	33	41	20.83	cps
Ytterbium	176-1	1383	1525	1625	1511	8.04	cps
Ytterbium	176-2	10994	10076	9509	10193	7.35	cps
Yttrium	89-1	12658199	12618661	12598645	12625168	0.24	cps
Yttrium	89-2	1558900	1425846	1412592	1465779	5.52	cps
Zinc	66-2	113	133	137	128	9.88	cps
Zirconium	90-1	442	558	458	486	12.98	cps
Zirconium	91-1	125	117	100	114	11.18	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2186723	2135954	2111154	2144611	1.80	cps
Antimony	121-1	2051748	2115041	2108097	2091628	1.66	cps
Arsenic	75-2	67488	67238	65660	66795	1.48	cps
Barium	135-1	2600974	2645818	2589869	2612220	1.13	cps
Barium	137-1	4435065	4506981	4548808	4496951	1.28	cps
Beryllium	9-1	795006	812118	801506	802877	1.08	cps
Bismuth	209-1	5049409	5037389	5117776	5068191	0.86	cps
Bismuth	209-2	2660367	2672884	2697208	2676820	0.70	cps
Boron	10-1	228816	247352	256400	244189	5.76	cps
Boron	11-1	949397	1055519	1047731	1017549	5.81	cps
Bromine	81-1	30259	31686	29916	30620	3.07	cps
Cadmium	111-1	535590	549714	548526	544610	1.44	cps
Cadmium	106-1	67877	69434	70766	69359	2.08	cps
Cadmium	108-1	45525	47444	46587	46519	2.07	cps
Calcium	43-1	4013427	4105132	4142772	4087110	1.63	cps
Calcium	44-1	62991453	64303575	64413985	63903005	1.24	cps
Carbon	12-1	4826548	5099127	5317297	5080990	4.84	cps
Carbon	12-2	66400	64718	65429	65516	1.29	cps
Chlorine	35-1	631751	620684	613427	621954	1.48	cps
Chlorine	35-2	3809	4009	4334	4051	6.54	cps
Chromium	52-2	661467	647082	636417	648322	1.94	cps
Cobalt	59-2	1188724	1192791	1162346	1181287	1.40	cps
Copper	63-2	9439401	9182434	8959540	9193792	2.61	cps
Dysprosium	156-1	467	550	442	486	11.67	cps
Dysprosium	156-2	310	240	283	278	12.72	cps
Erbium	164-1	92	225	158	158	42.11	cps
Erbium	164-2	67	63	57	62	8.18	cps
Gadolinium	160-1	600	617	508	575	10.14	cps
Gadolinium	160-2	437	350	393	393	11.02	cps
Holmium	165-1	8648271	8589811	8774180	8670754	1.09	cps
Holmium	165-2	3888403	3866754	3850998	3868718	0.49	cps
Indium	115-1	7055952	7265668	7220244	7180621	1.54	cps
Indium	115-2	1106469	1103712	1111777	1107319	0.37	cps
Iron	54-2	7654586	7657628	7407109	7573108	1.90	cps
Iron	56-2	139578400	137713025	135796217	137695881	1.37	cps
Iron	57-2	3445013	3438673	3374108	3419265	1.15	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	304	300	292	299	1.92	cps
Lead	206-1	8370278	8437761	8346830	8384956	0.56	cps
Lead	207-1	7370938	7463854	7617031	7483941	1.66	cps
Lead	208-1	33024951	33761237	34241728	33675972	1.82	cps
Lithium	6-1	3426315	3324902	3450145	3400454	1.96	cps
Magnesium	24-2	28998387	28276699	28314666	28529917	1.42	cps
Manganese	55-2	3652120	3498667	3515840	3555542	2.36	cps
Molybdenum	94-1	8687533	8807728	8745822	8747028	0.69	cps
Molybdenum	95-1	12462261	12743955	12983665	12729960	2.05	cps
Molybdenum	96-1	13777696	14124803	14135576	14012692	1.45	cps
Molybdenum	97-1	7732680	8119875	7832604	7895053	2.55	cps
Molybdenum	98-1	20234902	20689802	20447115	20457273	1.11	cps
Neodymium	150-1	273	360	333	322	13.78	cps
Neodymium	150-2	20	17	33	23	37.78	cps
Nickel	60-2	325401	323076	316087	321521	1.51	cps
Phosphorus	31-2	26208	25147	24121	25159	4.15	cps
Potassium	39-2	10134235	10085590	10011161	10076995	0.62	cps
Rhodium	103-1	6720717	7048244	6808179	6859047	2.47	cps
Rhodium	103-2	3001416	2995728	3021667	3006270	0.45	cps
Scandium	45-1	5762007	5722555	5703735	5729432	0.52	cps
Scandium	45-2	181015	183273	182723	182337	0.65	cps
Selenium	82-1	53566	53462	53524	53517	0.10	cps
Selenium	77-2	1620	1560	1690	1623	4.01	cps
Selenium	78-2	5771	5606	5506	5627	2.38	cps
Silicon	28-1	25974322	27263136	27110261	26782573	2.63	cps
Silver	107-1	2896491	2936831	2855052	2896125	1.41	cps
Silver	109-1	2724235	2835348	2775541	2778375	2.00	cps
Sodium	23-2	52073402	50445246	50542721	51020456	1.79	cps
Strontium	86-1	19017113	19672811	19915323	19535082	2.38	cps
Strontium	88-1	170129241	166061291	168905416	168365316	1.24	cps
Sulfur	34-1	805320	796092	801512	800974	0.58	cps
Terbium	159-1	9300106	8943168	9102299	9115191	1.96	cps
Terbium	159-2	3857235	3980559	3890502	3909432	1.63	cps
Thallium	203-1	1992804	1975097	2044719	2004207	1.81	cps
Thallium	205-1	4748475	4641528	4760564	4716856	1.39	cps
Tin	118-1	1770352	1891679	1863188	1841740	3.44	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:25:35	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3956436	4001861	4010316	3989537	0.73	cps
Uranium	238-1	6388057	6340055	6487466	6405193	1.17	cps
Vanadium	51-2	535990	520728	512352	523023	2.29	cps
Ytterbium	172-1	350	217	217	261	29.48	cps
Ytterbium	172-2	161	100	67	109	43.84	cps
Ytterbium	176-1	9771	9512	10146	9809	3.25	cps
Ytterbium	176-2	12656	13268	13118	13014	2.45	cps
Yttrium	89-1	12042094	12119987	12139905	12100662	0.43	cps
Yttrium	89-2	1260742	1288702	1287926	1279123	1.24	cps
Zinc	66-2	1108268	1101019	1066037	1091775	2.07	cps
Zirconium	90-1	4313135	4285720	4421178	4340011	1.65	cps
Zirconium	91-1	945648	964943	967853	959481	1.26	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	49	76	58	26.63	cps
Antimony	121-1	325	350	542	406	29.23	cps
Arsenic	75-2	5	4	3	4	25.00	cps
Barium	135-1	42	8	8	19	99.00	cps
Barium	137-1	100	50	42	64	49.38	cps
Beryllium	9-1	142	134	141	139	3.40	cps
Bismuth	209-1	5326571	5414776	5253298	5331548	1.52	cps
Bismuth	209-2	2896904	2793182	2825785	2838624	1.87	cps
Boron	10-1	9833	9535	9251	9540	3.05	cps
Boron	11-1	42938	42497	41193	42209	2.15	cps
Bromine	81-1	29557	31327	29524	30136	3.42	cps
Cadmium	111-1	398	456	426	427	6.74	cps
Cadmium	106-1	3884	4384	4117	4129	6.06	cps
Cadmium	108-1	33	17	21	24	36.73	cps
Calcium	43-1	144	132	124	133	7.52	cps
Calcium	44-1	13151	12414	12637	12734	2.97	cps
Carbon	12-1	3396615	3436725	3512471	3448603	1.71	cps
Carbon	12-2	40991	39871	39504	40122	1.93	cps
Chlorine	35-1	446203	441460	438986	442216	0.83	cps
Chlorine	35-2	2942	2909	3175	3009	4.83	cps
Chromium	52-2	587	660	553	600	9.09	cps
Cobalt	59-2	60	87	120	89	33.82	cps
Copper	63-2	890	843	857	863	2.78	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	75	75	25	58	49.49	cps
Erbium	164-2	27	33	33	31	12.36	cps
Gadolinium	160-1	83	108	67	86	24.35	cps
Gadolinium	160-2	103	123	110	112	9.07	cps
Holmium	165-1	8513391	8497980	8540341	8517237	0.25	cps
Holmium	165-2	3909423	4058102	3892799	3953441	2.30	cps
Indium	115-1	7408971	7346074	7421802	7392282	0.55	cps
Indium	115-2	1156133	1155130	1146787	1152683	0.45	cps
Iron	54-2	656	556	711	641	12.30	cps
Iron	56-2	2923	3028	2867	2939	2.78	cps
Iron	57-2	217	161	167	181	16.86	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	274	311	265	283	8.67	cps
Lead	206-1	606	511	533	550	8.98	cps
Lead	207-1	578	439	433	483	16.93	cps
Lead	208-1	2450	2072	2061	2195	10.09	cps
Lithium	6-1	3428089	3387388	3324756	3380078	1.54	cps
Magnesium	24-2	392	383	425	400	5.51	cps
Manganese	55-2	80	47	60	62	26.96	cps
Molybdenum	94-1	342	292	208	281	24.01	cps
Molybdenum	95-1	375	150	308	278	41.60	cps
Molybdenum	96-1	542	317	142	333	60.16	cps
Molybdenum	97-1	200	117	92	136	41.68	cps
Molybdenum	98-1	750	308	267	442	60.64	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	27	37	23	29	24.03	cps
Phosphorus	31-2	100	108	150	119	22.43	cps
Potassium	39-2	29581	29055	29523	29386	0.98	cps
Rhodium	103-1	7220137	7309174	7356396	7295236	0.95	cps
Rhodium	103-2	3273795	3212657	3286782	3257745	1.22	cps
Scandium	45-1	5598390	5664058	5598895	5620448	0.67	cps
Scandium	45-2	182712	183448	179462	181874	1.17	cps
Selenium	82-1	30	-5	89	38	124.94	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	51	47	66	55	18.33	cps
Silicon	28-1	878035	871872	864330	871413	0.79	cps
Silver	107-1	275	283	233	264	10.15	cps
Silver	109-1	217	308	392	306	28.66	cps
Sodium	23-2	32771	33706	31509	32662	3.37	cps
Strontium	86-1	733	567	492	597	20.71	cps
Strontium	88-1	1700	500	533	911	75.01	cps
Sulfur	34-1	464085	460137	465310	463177	0.58	cps
Terbium	159-1	8891980	9221502	8953105	9022196	1.94	cps
Terbium	159-2	3902090	3820026	3904900	3875672	1.24	cps
Thallium	203-1	375	342	292	336	12.48	cps
Thallium	205-1	950	842	908	900	6.07	cps
Tin	118-1	542	517	417	492	13.45	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:33:14	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	117	167	150	19.24	cps
Uranium	238-1	50	25	58	44	39.04	cps
Vanadium	51-2	10	7	7	8	24.71	cps
Ytterbium	172-1	67	33	50	50	33.34	cps
Ytterbium	172-2	28	33	28	30	10.81	cps
Ytterbium	176-1	1400	1433	1392	1408	1.57	cps
Ytterbium	176-2	8731	8592	9381	8901	4.73	cps
Yttrium	89-1	11911538	12126187	12175331	12071019	1.16	cps
Yttrium	89-2	1295440	1281119	1294641	1290400	0.62	cps
Zinc	66-2	67	50	57	58	14.52	cps
Zirconium	90-1	467	492	617	525	15.31	cps
Zirconium	91-1	117	67	117	100	28.87	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	90	66	82	17.08	cps
Antimony	121-1	117	158	167	147	18.20	cps
Arsenic	75-2	3	3	7	4	53.29	cps
Barium	135-1	142	67	108	106	35.60	cps
Barium	137-1	192	192	208	197	4.88	cps
Beryllium	9-1	110	106	101	106	4.15	cps
Bismuth	209-1	6328252	6076243	5966422	6123639	3.03	cps
Bismuth	209-2	3207496	3338005	3221393	3255631	2.20	cps
Boron	10-1	7136	7136	7042	7105	0.76	cps
Boron	11-1	31177	31000	31145	31107	0.30	cps
Bromine	81-1	32213	30225	32439	31626	3.85	cps
Cadmium	111-1	559	552	549	553	0.90	cps
Cadmium	106-1	5543	5218	5234	5332	3.43	cps
Cadmium	108-1	29	17	17	21	34.64	cps
Calcium	43-1	282285	286310	288290	285628	1.07	cps
Calcium	44-1	4508551	4726432	4541749	4592244	2.56	cps
Carbon	12-1	4102580	4185843	4188015	4158813	1.17	cps
Carbon	12-2	46198	48129	47101	47143	2.05	cps
Chlorine	35-1	933502	1037542	1084732	1018592	7.60	cps
Chlorine	35-2	8102	8670	8403	8392	3.38	cps
Chromium	52-2	437	380	477	431	11.27	cps
Cobalt	59-2	60	93	73	76	22.20	cps
Copper	63-2	757	707	740	734	3.47	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	23	37	20	27	33.08	cps
Gadolinium	160-1	117	75	67	86	31.11	cps
Gadolinium	160-2	153	140	187	160	15.02	cps
Holmium	165-1	10477980	9827325	9815749	10040351	3.78	cps
Holmium	165-2	4239696	4452766	4386693	4359718	2.50	cps
Indium	115-1	8722191	8234676	8337244	8431370	3.05	cps
Indium	115-2	1281613	1272086	1274550	1276083	0.39	cps
Iron	54-2	511	556	617	561	9.44	cps
Iron	56-2	3111	3039	3145	3099	1.74	cps
Iron	57-2	961	778	839	859	10.86	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	277	281	289	282	2.03	cps
Lead	206-1	717	683	822	741	9.79	cps
Lead	207-1	594	672	639	635	6.14	cps
Lead	208-1	2839	2672	2972	2828	5.32	cps
Lithium	6-1	4208783	3897021	3892138	3999314	4.54	cps
Magnesium	24-2	822897	812782	804788	813489	1.12	cps
Manganese	55-2	87	147	83	106	33.77	cps
Molybdenum	94-1	292	300	258	283	7.78	cps
Molybdenum	95-1	283	133	158	192	41.93	cps
Molybdenum	96-1	425	283	367	358	19.87	cps
Molybdenum	97-1	133	83	75	97	32.45	cps
Molybdenum	98-1	325	225	292	281	18.15	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	33	30	27	30	11.10	cps
Phosphorus	31-2	158	200	158	172	13.97	cps
Potassium	39-2	520575	520169	519575	520107	0.10	cps
Rhodium	103-1	8686494	8003816	8081590	8257300	4.53	cps
Rhodium	103-2	3654708	3551424	3651225	3619119	1.62	cps
Scandium	45-1	6755903	6506057	6470633	6577531	2.36	cps
Scandium	45-2	205696	204783	200088	203522	1.48	cps
Selenium	82-1	46	15	25	29	55.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	55	45	38	46	18.58	cps
Silicon	28-1	801701	797068	777117	791962	1.65	cps
Silver	107-1	108	142	133	128	13.57	cps
Silver	109-1	100	17	50	56	75.49	cps
Sodium	23-2	7680003	7786573	7570473	7679016	1.41	cps
Strontium	86-1	5043	4609	4326	4659	7.75	cps
Strontium	88-1	37719	37292	36131	37047	2.22	cps
Sulfur	34-1	466162	470670	469453	468762	0.50	cps
Terbium	159-1	10825899	10036375	10064444	10308906	4.35	cps
Terbium	159-2	4364947	4366188	4316278	4349137	0.65	cps
Thallium	203-1	333	342	450	375	17.36	cps
Thallium	205-1	1017	908	933	953	5.95	cps
Tin	118-1	675	658	692	675	2.47	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL	Dilution Factor :	2
Date & Time Acquired :	2023-04-06 16:37:01	DataFile Name :	037AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	167	133	167	156	12.37	cps
Uranium	238-1	75	33	58	56	37.75	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Ytterbium	172-1	83	92	42	72	37.09	cps
Ytterbium	172-2	33	17	39	30	39.02	cps
Ytterbium	176-1	1742	1608	1925	1759	9.04	cps
Ytterbium	176-2	10221	10532	10299	10351	1.57	cps
Yttrium	89-1	14288592	13723143	13497375	13836370	2.95	cps
Yttrium	89-2	1492138	1455057	1483755	1476983	1.32	cps
Zinc	66-2	213	233	180	209	12.90	cps
Zirconium	90-1	675	500	600	592	14.84	cps
Zirconium	91-1	92	67	92	83	17.32	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	91	75	69	78	14.83	cps
Antimony	121-1	117	125	183	142	25.64	cps
Arsenic	75-2	4	4	3	4	15.75	cps
Barium	135-1	83	58	83	75	19.25	cps
Barium	137-1	75	117	75	89	27.07	cps
Beryllium	9-1	97	75	95	89	13.83	cps
Bismuth	209-1	5599003	5591693	5547151	5579283	0.50	cps
Bismuth	209-2	2976676	2980973	2970782	2976144	0.17	cps
Boron	10-1	5876	5734	5840	5817	1.27	cps
Boron	11-1	25693	25763	24437	25298	2.95	cps
Bromine	81-1	32046	31202	30158	31135	3.04	cps
Cadmium	111-1	533	507	475	505	5.71	cps
Cadmium	106-1	5151	4768	4384	4768	8.04	cps
Cadmium	108-1	17	4	25	15	68.61	cps
Calcium	43-1	103779	105081	101014	103291	2.01	cps
Calcium	44-1	1691420	1694306	1690748	1692158	0.11	cps
Carbon	12-1	4216257	4280721	4365651	4287543	1.75	cps
Carbon	12-2	49066	48623	48063	48584	1.03	cps
Chlorine	35-1	779812	806955	812300	799689	2.18	cps
Chlorine	35-2	5368	6110	5451	5643	7.20	cps
Chromium	52-2	467	490	487	481	2.62	cps
Cobalt	59-2	87	73	77	79	8.80	cps
Copper	63-2	760	773	790	774	1.94	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	33	27	13	24	41.66	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	140	123	150	138	9.77	cps
Holmium	165-1	9041880	8858632	8712736	8871083	1.86	cps
Holmium	165-2	3985028	4062867	4042955	4030283	1.00	cps
Indium	115-1	7832419	7901822	7444391	7726211	3.19	cps
Indium	115-2	1194141	1186378	1184420	1188313	0.43	cps
Iron	54-2	606	622	561	596	5.30	cps
Iron	56-2	3011	3350	3345	3236	6.00	cps
Iron	57-2	439	567	422	476	16.60	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	311	295	284	297	4.66	cps
Lead	206-1	606	656	561	607	7.78	cps
Lead	207-1	522	494	467	494	5.62	cps
Lead	208-1	2467	2306	2217	2330	5.44	cps
Lithium	6-1	3590820	3630602	3588608	3603343	0.66	cps
Magnesium	24-2	301175	294346	298016	297845	1.15	cps
Manganese	55-2	57	70	80	69	16.99	cps
Molybdenum	94-1	233	175	225	211	14.94	cps
Molybdenum	95-1	183	108	108	133	32.47	cps
Molybdenum	96-1	183	158	158	167	8.66	cps
Molybdenum	97-1	33	42	58	44	28.65	cps
Molybdenum	98-1	142	150	108	133	16.53	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	73	57	47	59	22.87	cps
Phosphorus	31-2	158	233	250	214	22.83	cps
Potassium	39-2	210774	206009	205322	207368	1.43	cps
Rhodium	103-1	7718069	7542461	7525534	7595355	1.40	cps
Rhodium	103-2	3302569	3373386	3342948	3339634	1.06	cps
Scandium	45-1	6046224	6024708	5919799	5996910	1.13	cps
Scandium	45-2	190055	189785	190211	190017	0.11	cps
Selenium	82-1	-6	5	33	10	191.37	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	53	77	50	60	24.66	cps
Silicon	28-1	842648	826967	829061	832892	1.02	cps
Silver	107-1	75	92	83	83	10.00	cps
Silver	109-1	33	33	25	31	15.74	cps
Sodium	23-2	2897944	2859476	2808574	2855331	1.57	cps
Strontium	86-1	2384	1909	2059	2117	11.47	cps
Strontium	88-1	14057	13774	13140	13657	3.44	cps
Sulfur	34-1	472976	473405	473200	473194	0.05	cps
Terbium	159-1	9467487	9197585	9388139	9351070	1.48	cps
Terbium	159-2	4016673	3985577	4126018	4042756	1.82	cps
Thallium	203-1	450	433	325	403	16.85	cps
Thallium	205-1	717	858	808	794	9.04	cps
Tin	118-1	525	475	567	522	8.79	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	O1951-06DL2X5	Instrumnet Name :	P8
Client Sample ID :	PT-MIN2-WPDL2	Dilution Factor :	5
Date & Time Acquired :	2023-04-06 16:40:30	DataFile Name :	038AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	175	275	203	31.12	cps
Uranium	238-1	50	25	33	36	35.25	cps
Vanadium	51-2	3	3	20	9	108.30	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	172-2	33	44	6	28	72.10	cps
Ytterbium	176-1	1642	1408	1483	1511	7.88	cps
Ytterbium	176-2	9287	9715	9832	9611	2.98	cps
Yttrium	89-1	12914625	12792111	12061584	12589440	3.66	cps
Yttrium	89-2	1338657	1344610	1367020	1350096	1.11	cps
Zinc	66-2	113	103	130	116	11.66	cps
Zirconium	90-1	500	550	417	489	13.78	cps
Zirconium	91-1	75	158	133	122	34.99	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	71	74	82	76	7.79	cps
Antimony	121-1	75	117	133	108	27.74	cps
Arsenic	75-2	4	2	3	3	33.33	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	58	42	75	58	28.57	cps
Beryllium	9-1	89	70	81	80	11.80	cps
Bismuth	209-1	4573595	5269090	5234320	5025669	7.80	cps
Bismuth	209-2	2899841	2802979	2814786	2839202	1.86	cps
Boron	10-1	4020	3858	3982	3953	2.14	cps
Boron	11-1	17649	17481	17010	17380	1.90	cps
Bromine	81-1	31169	30743	30376	30763	1.29	cps
Cadmium	111-1	380	443	439	421	8.36	cps
Cadmium	106-1	3501	4301	4326	4042	11.61	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	121	105	126	117	9.46	cps
Calcium	44-1	12767	12569	12351	12562	1.66	cps
Carbon	12-1	3521866	3512203	3426418	3486829	1.51	cps
Carbon	12-2	39571	40556	39136	39754	1.83	cps
Chlorine	35-1	417116	414866	411298	414427	0.71	cps
Chlorine	35-2	2525	2467	2992	2661	10.81	cps
Chromium	52-2	727	557	613	632	13.69	cps
Cobalt	59-2	67	130	93	97	32.89	cps
Copper	63-2	693	660	723	692	4.58	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	30	23	13	22	37.76	cps
Gadolinium	160-1	58	67	75	67	12.50	cps
Gadolinium	160-2	117	127	97	113	13.48	cps
Holmium	165-1	7281484	8120487	8243213	7881728	6.64	cps
Holmium	165-2	3848135	3870098	3843498	3853910	0.37	cps
Indium	115-1	6181420	7053666	7056672	6763919	7.46	cps
Indium	115-2	1140768	1124450	1124663	1129960	0.83	cps
Iron	54-2	750	594	622	656	12.66	cps
Iron	56-2	2950	2873	2967	2930	1.72	cps
Iron	57-2	183	167	156	169	8.30	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	290	285	292	289	1.32	cps
Lead	206-1	583	511	372	489	21.95	cps
Lead	207-1	517	478	511	502	4.19	cps
Lead	208-1	2278	2183	2011	2158	6.27	cps
Lithium	6-1	2977823	3410769	3388807	3259133	7.48	cps
Magnesium	24-2	342	517	417	425	20.66	cps
Manganese	55-2	33	37	33	34	5.60	cps
Molybdenum	94-1	158	175	158	164	5.87	cps
Molybdenum	95-1	108	50	83	81	36.33	cps
Molybdenum	96-1	175	158	200	178	11.80	cps
Molybdenum	97-1	42	92	33	56	56.79	cps
Molybdenum	98-1	175	58	108	114	51.40	cps
Neodymium	150-1	27	7	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	13	23	30	22	37.76	cps
Phosphorus	31-2	183	242	142	189	26.59	cps
Potassium	39-2	28771	28370	28904	28682	0.97	cps
Rhodium	103-1	6022395	7248207	7055365	6775323	9.73	cps
Rhodium	103-2	3274250	3181432	3259547	3238410	1.54	cps
Scandium	45-1	4842845	5541128	5676703	5353559	8.36	cps
Scandium	45-2	185600	180760	180103	182154	1.65	cps
Selenium	82-1	30	26	9	22	52.34	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	57	52	51	53	6.03	cps
Silicon	28-1	861688	841197	847597	850161	1.23	cps
Silver	107-1	142	100	133	125	17.64	cps
Silver	109-1	67	67	58	64	7.54	cps
Sodium	23-2	31702	30407	30733	30947	2.18	cps
Strontium	86-1	692	442	650	594	22.53	cps
Strontium	88-1	808	550	892	750	23.78	cps
Sulfur	34-1	473959	480632	481324	478638	0.85	cps
Terbium	159-1	7512444	8820140	8825144	8385909	9.02	cps
Terbium	159-2	3884772	3803803	3741247	3809941	1.89	cps
Thallium	203-1	308	283	383	325	16.01	cps
Thallium	205-1	858	583	683	708	19.65	cps
Tin	118-1	392	392	483	422	12.54	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BL	Instrumnet Name :	P8
Client Sample ID :	PB151903BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:49:08	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	117	167	158	24.12	cps
Uranium	238-1	42	33	50	42	20.00	cps
Vanadium	51-2	7	7	10	8	24.71	cps
Ytterbium	172-1	25	67	67	53	45.58	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	1217	1442	1350	1336	8.47	cps
Ytterbium	176-2	9209	8836	8770	8938	2.65	cps
Yttrium	89-1	10137085	11777379	11734880	11216448	8.34	cps
Yttrium	89-2	1280773	1275924	1296331	1284343	0.83	cps
Zinc	66-2	80	67	80	76	10.19	cps
Zirconium	90-1	417	542	533	497	14.06	cps
Zirconium	91-1	108	117	58	94	33.40	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	428133	416374	412785	419097	1.92	cps
Antimony	121-1	2167845	2256778	2170129	2198250	2.31	cps
Arsenic	75-2	68352	66047	64305	66234	3.06	cps
Barium	135-1	2598857	2752880	2742710	2698149	3.19	cps
Barium	137-1	4424691	4684278	4496922	4535297	2.95	cps
Beryllium	9-1	832633	845335	845079	841016	0.86	cps
Bismuth	209-1	5276400	5410320	5415733	5367484	1.47	cps
Bismuth	209-2	2886378	2869406	2884348	2880044	0.32	cps
Boron	10-1	81581	89512	93432	88175	6.85	cps
Boron	11-1	359738	401884	419471	393698	7.80	cps
Bromine	81-1	30009	29933	28931	29624	2.03	cps
Cadmium	111-1	571317	580263	583750	578443	1.11	cps
Cadmium	106-1	71913	71863	73288	72355	1.12	cps
Cadmium	108-1	46742	50191	49669	48867	3.80	cps
Calcium	43-1	901576	928406	929329	919771	1.71	cps
Calcium	44-1	13462253	14449649	14338943	14083615	3.84	cps
Carbon	12-1	4614503	4800119	4835389	4750004	2.50	cps
Carbon	12-2	58216	58575	57848	58213	0.62	cps
Chlorine	35-1	386918	387149	381846	385304	0.78	cps
Chlorine	35-2	2600	2742	2392	2578	6.83	cps
Chromium	52-2	676658	660431	645488	660859	2.36	cps
Cobalt	59-2	1174891	1150768	1117491	1147717	2.51	cps
Copper	63-2	9537399	9273864	9130689	9313984	2.21	cps
Dysprosium	156-1	133	167	175	158	13.92	cps
Dysprosium	156-2	57	90	70	72	23.23	cps
Erbium	164-1	67	83	33	61	41.67	cps
Erbium	164-2	37	33	43	38	13.48	cps
Gadolinium	160-1	258	208	200	222	14.20	cps
Gadolinium	160-2	123	163	190	159	21.12	cps
Holmium	165-1	8769803	8826165	8551321	8715763	1.67	cps
Holmium	165-2	4005051	3927286	3899283	3943873	1.39	cps
Indium	115-1	7493806	7257699	7385742	7379082	1.60	cps
Indium	115-2	1163408	1131162	1121130	1138566	1.94	cps
Iron	54-2	1643145	1642931	1568285	1618120	2.67	cps
Iron	56-2	28715243	28744131	28057885	28505753	1.36	cps
Iron	57-2	696972	686011	662387	681790	2.59	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	302	259	310	290	9.53	cps
Lead	206-1	8510571	8981067	8837893	8776510	2.75	cps
Lead	207-1	7407877	7846620	7827797	7694098	3.22	cps
Lead	208-1	34037625	35502989	35682982	35074532	2.57	cps
Lithium	6-1	3557464	3485452	3504451	3515789	1.06	cps
Magnesium	24-2	6167597	6019316	5879356	6022090	2.39	cps
Manganese	55-2	3647902	3617995	3565432	3610443	1.16	cps
Molybdenum	94-1	8842599	8960611	9183094	8995435	1.92	cps
Molybdenum	95-1	12968021	13052570	13319764	13113452	1.40	cps
Molybdenum	96-1	14436900	14382791	14677134	14498942	1.08	cps
Molybdenum	97-1	7930367	8334384	8346180	8203644	2.89	cps
Molybdenum	98-1	20706029	21447280	21080765	21078025	1.76	cps
Neodymium	150-1	420	267	300	329	24.52	cps
Neodymium	150-2	17	20	3	13	66.16	cps
Nickel	60-2	324556	318550	313653	318920	1.71	cps
Phosphorus	31-2	26191	25314	24930	25478	2.54	cps
Potassium	39-2	2199180	2126240	2047469	2124296	3.57	cps
Rhodium	103-1	7269773	6978994	7265426	7171398	2.32	cps
Rhodium	103-2	3224927	3114729	3177249	3172302	1.74	cps
Scandium	45-1	5794034	5855043	5698486	5782521	1.36	cps
Scandium	45-2	188499	180413	177392	182101	3.15	cps
Selenium	82-1	51792	53504	52516	52604	1.63	cps
Selenium	77-2	1647	1667	1387	1567	9.97	cps
Selenium	78-2	5408	5271	5313	5330	1.32	cps
Silicon	28-1	3723752	4482039	4752820	4319537	12.35	cps
Silver	107-1	3143843	3089138	3137434	3123471	0.96	cps
Silver	109-1	2968124	3039963	2977754	2995280	1.30	cps
Sodium	23-2	11120178	10551699	10478794	10716890	3.28	cps
Strontium	86-1	20085083	19994667	19892817	19990855	0.48	cps
Strontium	88-1	170838604	173594633	169416091	171283109	1.24	cps
Sulfur	34-1	810866	823973	813011	815950	0.86	cps
Terbium	159-1	9276189	9003422	8967665	9082426	1.86	cps
Terbium	159-2	4021582	3994848	4013808	4010079	0.34	cps
Thallium	203-1	2030474	2090691	2175757	2098974	3.48	cps
Thallium	205-1	4826740	5101654	4893107	4940500	2.90	cps
Tin	118-1	1905163	1854238	1914699	1891367	1.72	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151903BS	Instrumnet Name :	P8
Client Sample ID :	PB151903BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 16:52:17	DataFile Name :	040LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3997392	4141999	4045526	4061639	1.81	cps
Uranium	238-1	6341420	6702991	6545066	6529826	2.78	cps
Vanadium	51-2	542725	521128	511297	525050	3.06	cps
Ytterbium	172-1	117	108	142	122	14.19	cps
Ytterbium	172-2	33	39	39	37	8.67	cps
Ytterbium	176-1	9404	10229	10071	9901	4.42	cps
Ytterbium	176-2	13012	13390	12962	13122	1.78	cps
Yttrium	89-1	12750861	12396215	12164953	12437343	2.37	cps
Yttrium	89-2	1324697	1299273	1275247	1299739	1.90	cps
Zinc	66-2	1159068	1117892	1082095	1119685	3.44	cps
Zirconium	90-1	4204204	4354550	4354027	4304260	2.01	cps
Zirconium	91-1	950464	969938	978572	966325	1.49	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69	65	75	70	7.26	cps
Antimony	121-1	108	108	133	117	12.37	cps
Arsenic	75-2	1	2	6	3	88.19	cps
Barium	135-1	25	17	8	17	50.01	cps
Barium	137-1	25	17	42	28	45.82	cps
Beryllium	9-1	106	120	86	104	16.29	cps
Bismuth	209-1	5310955	5143555	5265768	5240093	1.65	cps
Bismuth	209-2	2875182	2817191	2890793	2861055	1.36	cps
Boron	10-1	3236	3102	3142	3160	2.18	cps
Boron	11-1	14220	14224	14064	14169	0.64	cps
Bromine	81-1	29657	29849	29808	29771	0.34	cps
Cadmium	111-1	441	419	453	438	3.91	cps
Cadmium	106-1	4384	4142	4351	4292	3.05	cps
Cadmium	108-1	38	17	4	19	86.58	cps
Calcium	43-1	122	87	86	99	20.84	cps
Calcium	44-1	12197	12231	12023	12150	0.92	cps
Carbon	12-1	3406229	3467570	3489028	3454276	1.24	cps
Carbon	12-2	39228	39905	39353	39495	0.91	cps
Chlorine	35-1	287869	285287	285534	286230	0.50	cps
Chlorine	35-2	1717	2109	1783	1870	11.21	cps
Chromium	52-2	643	610	567	607	6.34	cps
Cobalt	59-2	97	83	60	80	23.20	cps
Copper	63-2	803	843	837	828	2.59	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	75	42	58	28.57	cps
Erbium	164-2	20	30	20	23	24.74	cps
Gadolinium	160-1	75	50	50	58	24.74	cps
Gadolinium	160-2	110	143	123	126	13.36	cps
Holmium	165-1	8439628	8188877	8141704	8256736	1.94	cps
Holmium	165-2	3637632	3811930	3926159	3791907	3.83	cps
Indium	115-1	7124670	7061932	7163747	7116783	0.72	cps
Indium	115-2	1103485	1100297	1151377	1118387	2.56	cps
Iron	54-2	617	567	572	585	4.68	cps
Iron	56-2	2511	2706	2834	2684	6.05	cps
Iron	57-2	194	150	189	178	13.62	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	296	275	294	288	4.03	cps
Lead	206-1	533	500	528	520	3.43	cps
Lead	207-1	456	522	417	465	11.49	cps
Lead	208-1	2111	2145	2006	2087	3.47	cps
Lithium	6-1	3387085	3384456	3272088	3347877	1.96	cps
Magnesium	24-2	400	333	283	339	17.27	cps
Manganese	55-2	70	53	47	57	21.21	cps
Molybdenum	94-1	225	167	192	194	15.05	cps
Molybdenum	95-1	175	108	117	133	27.24	cps
Molybdenum	96-1	267	167	125	186	39.12	cps
Molybdenum	97-1	158	33	42	78	89.86	cps
Molybdenum	98-1	292	183	133	203	39.91	cps
Neodymium	150-1	20	27	7	18	57.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	23	10	17	17	39.99	cps
Phosphorus	31-2	225	183	150	186	20.19	cps
Potassium	39-2	28729	28988	28403	28707	1.02	cps
Rhodium	103-1	7208276	6968228	6947107	7041204	2.06	cps
Rhodium	103-2	3158276	3077903	3234798	3156993	2.49	cps
Scandium	45-1	5578924	5439419	5438970	5485771	1.47	cps
Scandium	45-2	175757	178279	179452	177829	1.06	cps
Selenium	82-1	4	45	21	23	88.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	52	55	52	53	3.27	cps
Silicon	28-1	864668	864444	854351	861154	0.68	cps
Silver	107-1	158	158	158	158	0.00	cps
Silver	109-1	100	142	175	139	27.06	cps
Sodium	23-2	30599	29990	30040	30210	1.12	cps
Strontium	86-1	517	508	500	508	1.64	cps
Strontium	88-1	958	275	233	489	83.27	cps
Sulfur	34-1	461386	462278	460396	461353	0.20	cps
Terbium	159-1	8616566	8533447	8490020	8546678	0.75	cps
Terbium	159-2	3960905	3803147	3915101	3893051	2.08	cps
Thallium	203-1	258	225	242	242	6.90	cps
Thallium	205-1	675	583	567	608	9.59	cps
Tin	118-1	400	525	458	461	13.56	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BL	Instrumnet Name :	P8
Client Sample ID :	PB151904BL	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:04:47	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	267	150	192	203	29.16	cps
Uranium	238-1	42	33	33	36	13.33	cps
Vanadium	51-2	3	0	0	1	173.21	cps
Ytterbium	172-1	33	50	17	33	50.00	cps
Ytterbium	172-2	28	28	44	33	28.87	cps
Ytterbium	176-1	1300	1333	1408	1347	4.12	cps
Ytterbium	176-2	8581	8620	9365	8855	4.99	cps
Yttrium	89-1	11666280	11370529	11375036	11470615	1.48	cps
Yttrium	89-2	1233444	1247237	1289116	1256599	2.31	cps
Zinc	66-2	63	90	77	77	17.39	cps
Zirconium	90-1	500	458	517	492	6.11	cps
Zirconium	91-1	83	50	100	78	32.73	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	420836	415934	406263	414344	1.79	cps
Antimony	121-1	2162059	2175888	2181592	2173180	0.46	cps
Arsenic	75-2	66293	64874	63964	65044	1.80	cps
Barium	135-1	2628851	2614674	2654999	2632842	0.78	cps
Barium	137-1	4501611	4501418	4470280	4491103	0.40	cps
Beryllium	9-1	839779	838810	838319	838969	0.09	cps
Bismuth	209-1	5318499	5231486	5249194	5266393	0.87	cps
Bismuth	209-2	2768997	2701387	2758481	2742955	1.33	cps
Boron	10-1	81720	87974	91408	87034	5.64	cps
Boron	11-1	364089	386070	413993	388051	6.45	cps
Bromine	81-1	29682	30259	28739	29560	2.60	cps
Cadmium	111-1	573692	569826	566631	570050	0.62	cps
Cadmium	106-1	70581	72575	71629	71595	1.39	cps
Cadmium	108-1	46265	48891	47515	47557	2.76	cps
Calcium	43-1	902891	925051	899666	909203	1.52	cps
Calcium	44-1	13552103	14426112	13779803	13919339	3.26	cps
Carbon	12-1	4499590	4769079	4844858	4704509	3.86	cps
Carbon	12-2	58074	57513	57429	57672	0.61	cps
Chlorine	35-1	292733	291645	290310	291563	0.42	cps
Chlorine	35-2	1817	1692	2134	1881	12.11	cps
Chromium	52-2	657219	647534	636930	647228	1.57	cps
Cobalt	59-2	1162058	1149873	1131474	1147802	1.34	cps
Copper	63-2	9350577	9299510	9179879	9276656	0.94	cps
Dysprosium	156-1	142	175	142	153	12.60	cps
Dysprosium	156-2	70	73	47	63	22.94	cps
Erbium	164-1	50	83	67	67	25.00	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	142	200	158	167	18.03	cps
Gadolinium	160-2	210	197	200	202	3.43	cps
Holmium	165-1	8577512	8565429	8322636	8488526	1.69	cps
Holmium	165-2	3854083	3719185	3922852	3832040	2.70	cps
Indium	115-1	7220160	7115809	7267271	7201080	1.08	cps
Indium	115-2	1088028	1101296	1113520	1100948	1.16	cps
Iron	54-2	1605107	1571932	1564939	1580659	1.36	cps
Iron	56-2	28842395	27656570	27954358	28151108	2.19	cps
Iron	57-2	694231	681645	670836	682237	1.72	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	309	294	296	300	2.68	cps
Lead	206-1	8906867	8749167	8688460	8781498	1.28	cps
Lead	207-1	7868763	7747377	7585280	7733806	1.84	cps
Lead	208-1	35310321	34836409	34852351	34999694	0.77	cps
Lithium	6-1	3387138	3397769	3499683	3428197	1.81	cps
Magnesium	24-2	6013366	5796216	5896300	5901961	1.84	cps
Manganese	55-2	3670131	3577977	3465300	3571136	2.87	cps
Molybdenum	94-1	8814657	8937289	8722437	8824794	1.22	cps
Molybdenum	95-1	13040229	13222698	12768250	13010392	1.76	cps
Molybdenum	96-1	14161609	14415808	14174311	14250576	1.01	cps
Molybdenum	97-1	7949638	8149901	7916506	8005348	1.58	cps
Molybdenum	98-1	20850082	20816294	20724775	20797051	0.31	cps
Neodymium	150-1	333	380	233	316	23.75	cps
Neodymium	150-2	13	7	20	13	49.99	cps
Nickel	60-2	318245	313165	308638	313350	1.53	cps
Phosphorus	31-2	25097	23428	24546	24357	3.49	cps
Potassium	39-2	2127432	2157900	2095333	2126888	1.47	cps
Rhodium	103-1	7096801	7130588	7007064	7078151	0.90	cps
Rhodium	103-2	3065966	3079164	3116409	3087180	0.85	cps
Scandium	45-1	5638712	5722176	5487642	5616177	2.12	cps
Scandium	45-2	177750	178944	181451	179381	1.05	cps
Selenium	82-1	51875	52297	51302	51825	0.96	cps
Selenium	77-2	1457	1553	1490	1500	3.27	cps
Selenium	78-2	5464	5373	5259	5365	1.92	cps
Silicon	28-1	3740559	4413126	4654508	4269397	11.09	cps
Silver	107-1	3034414	3230805	3110325	3125181	3.17	cps
Silver	109-1	2912011	2921408	2887282	2906900	0.61	cps
Sodium	23-2	10671940	10506610	10240606	10473052	2.08	cps
Strontium	86-1	19948950	20072570	19483179	19834900	1.57	cps
Strontium	88-1	169491179	171950308	167487237	169642908	1.32	cps
Sulfur	34-1	815199	809897	797172	807423	1.15	cps
Terbium	159-1	9086904	8890929	8796858	8924897	1.66	cps
Terbium	159-2	3825355	3922291	3893039	3880228	1.28	cps
Thallium	203-1	2136860	2121006	2068417	2108761	1.70	cps
Thallium	205-1	4909143	4997831	4873488	4926821	1.30	cps
Tin	118-1	1927113	1858704	1871551	1885789	1.93	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	PB151904BS	Instrumnet Name :	P8
Client Sample ID :	PB151904BS	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:07:54	DataFile Name :	043LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3896987	4078728	3966266	3980660	2.30	cps
Uranium	238-1	6334480	6472632	6386729	6397947	1.09	cps
Vanadium	51-2	523185	512918	510513	515539	1.31	cps
Ytterbium	172-1	50	83	75	69	24.98	cps
Ytterbium	172-2	39	56	50	48	17.63	cps
Ytterbium	176-1	9195	9946	9821	9654	4.17	cps
Ytterbium	176-2	12345	12311	13140	12599	3.72	cps
Yttrium	89-1	11839121	12045055	11760143	11881440	1.24	cps
Yttrium	89-2	1263382	1270752	1281779	1271971	0.73	cps
Zinc	66-2	1131340	1101994	1094833	1109389	1.74	cps
Zirconium	90-1	4092091	4393985	4268299	4251458	3.57	cps
Zirconium	91-1	924705	959913	939584	941401	1.88	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2159463	2135739	1960204	2085135	5.22	cps
Antimony	121-1	2058795	2080663	2055560	2065006	0.66	cps
Arsenic	75-2	66648	64510	63393	64850	2.55	cps
Barium	135-1	2575586	2633230	2588054	2598957	1.17	cps
Barium	137-1	4412621	4471417	4237091	4373710	2.79	cps
Beryllium	9-1	796908	807795	792193	798966	1.00	cps
Bismuth	209-1	4727157	4969725	5067058	4921313	3.56	cps
Bismuth	209-2	2743884	2622502	2758471	2708286	2.76	cps
Boron	10-1	226004	235236	249397	236879	4.97	cps
Boron	11-1	952473	1000559	1013159	988731	3.24	cps
Bromine	81-1	28797	31136	28221	29385	5.25	cps
Cadmium	111-1	531817	546342	545893	541351	1.53	cps
Cadmium	106-1	69442	69007	69509	69319	0.39	cps
Cadmium	108-1	44873	45596	45178	45216	0.80	cps
Calcium	43-1	3975340	4002142	4018343	3998609	0.54	cps
Calcium	44-1	63210565	62276251	63004482	62830432	0.78	cps
Carbon	12-1	4774610	5060327	5207264	5014067	4.39	cps
Carbon	12-2	63353	63537	62826	63239	0.58	cps
Chlorine	35-1	300277	303389	305184	302950	0.82	cps
Chlorine	35-2	1992	1834	2225	2017	9.77	cps
Chromium	52-2	645565	638478	607081	630375	3.25	cps
Cobalt	59-2	1182424	1156471	1114475	1151123	2.98	cps
Copper	63-2	9070917	8989634	8642888	8901146	2.55	cps
Dysprosium	156-1	517	442	567	508	12.38	cps
Dysprosium	156-2	263	287	190	247	20.45	cps
Erbium	164-1	108	67	133	103	32.77	cps
Erbium	164-2	57	43	73	58	26.01	cps
Gadolinium	160-1	500	517	558	525	5.72	cps
Gadolinium	160-2	303	373	337	338	10.37	cps
Holmium	165-1	8123435	8564687	8464029	8384050	2.76	cps
Holmium	165-2	4001929	3927581	4026349	3985287	1.29	cps
Indium	115-1	6889543	6979373	7335240	7068052	3.33	cps
Indium	115-2	1075764	1072608	1110786	1086386	1.95	cps
Iron	54-2	7359998	7089950	6947466	7132472	2.94	cps
Iron	56-2	137787436	131798947	126976725	132187703	4.10	cps
Iron	57-2	3481131	3401270	3276740	3386381	3.04	cps

LB Number :	LB124916	Operator :	Jaswal
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Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	312	307	300	307	2.05	cps
Lead	206-1	8254268	8382360	8352831	8329820	0.81	cps
Lead	207-1	7347341	7161882	7452635	7320619	2.01	cps
Lead	208-1	32922433	33188522	34109887	33406947	1.87	cps
Lithium	6-1	3361085	3362901	3459577	3394521	1.66	cps
Magnesium	24-2	29673536	28304625	27024640	28334267	4.68	cps
Manganese	55-2	3480767	3392436	3282903	3385369	2.93	cps
Molybdenum	94-1	8761450	8671364	8683359	8705391	0.56	cps
Molybdenum	95-1	12369883	12834851	12674100	12626278	1.87	cps
Molybdenum	96-1	13903053	13933899	14072638	13969863	0.65	cps
Molybdenum	97-1	7795374	8084934	7771862	7884057	2.21	cps
Molybdenum	98-1	20145072	20707167	20245168	20365802	1.47	cps
Neodymium	150-1	220	307	320	282	19.24	cps
Neodymium	150-2	13	27	23	21	32.88	cps
Nickel	60-2	316490	312800	300463	309918	2.71	cps
Phosphorus	31-2	24680	23712	23186	23859	3.18	cps
Potassium	39-2	10015049	9610164	9490382	9705198	2.83	cps
Rhodium	103-1	6681368	6861443	6924926	6822579	1.85	cps
Rhodium	103-2	3015313	3027285	3014946	3019181	0.23	cps
Scandium	45-1	5330018	5618811	5512483	5487104	2.66	cps
Scandium	45-2	179576	176630	178688	178298	0.85	cps
Selenium	82-1	51707	53075	52824	52535	1.39	cps
Selenium	77-2	1480	1567	1543	1530	2.93	cps
Selenium	78-2	5562	5383	5159	5368	3.75	cps
Silicon	28-1	26903851	27130962	26841987	26958933	0.56	cps
Silver	107-1	2963328	2886788	2904285	2918134	1.37	cps
Silver	109-1	2775972	2778088	2802369	2785476	0.53	cps
Sodium	23-2	53590624	50111191	49208670	50970162	4.54	cps
Strontium	86-1	18643196	18814641	19070139	18842659	1.14	cps
Strontium	88-1	159080433	165345916	164123979	162850109	2.04	cps
Sulfur	34-1	778880	782196	780630	780569	0.21	cps
Terbium	159-1	8739160	9138110	8790892	8889387	2.44	cps
Terbium	159-2	3858932	3871487	3978515	3902978	1.68	cps
Thallium	203-1	1960672	2029416	2034303	2008130	2.05	cps
Thallium	205-1	4732668	4779876	4730637	4747727	0.59	cps
Tin	118-1	1830399	1820401	1854839	1835213	0.97	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:10:45	DataFile Name :	044CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3890154	3886882	3918889	3898642	0.45	cps
Uranium	238-1	6404894	6373484	6304287	6360888	0.81	cps
Vanadium	51-2	514760	503377	489698	502612	2.50	cps
Ytterbium	172-1	233	233	233	233	0.00	cps
Ytterbium	172-2	106	144	106	119	18.94	cps
Ytterbium	176-1	10421	9562	10163	10049	4.39	cps
Ytterbium	176-2	12456	12690	13229	12792	3.10	cps
Yttrium	89-1	11392240	11923215	12127635	11814363	3.21	cps
Yttrium	89-2	1268086	1266342	1316410	1283613	2.21	cps
Zinc	66-2	1073903	1066700	1030844	1057149	2.18	cps
Zirconium	90-1	4321133	4399211	4233805	4318050	1.92	cps
Zirconium	91-1	943054	964171	934091	947105	1.63	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:20:19	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61	65	79	68	13.49	cps
Antimony	121-1	225	292	350	289	21.65	cps
Arsenic	75-2	7	5	5	6	20.38	cps
Barium	135-1	33	42	50	42	20.00	cps
Barium	137-1	58	58	58	58	0.01	cps
Beryllium	9-1	151	157	175	161	7.64	cps
Bismuth	209-1	5125457	5167908	5318519	5203961	1.95	cps
Bismuth	209-2	2754351	2832349	2839209	2808636	1.68	cps
Boron	10-1	5900	5778	5678	5785	1.92	cps
Boron	11-1	26076	25325	24744	25381	2.63	cps
Bromine	81-1	29089	30442	31152	30228	3.47	cps
Cadmium	111-1	424	442	414	427	3.33	cps
Cadmium	106-1	4109	4384	4009	4167	4.66	cps
Cadmium	108-1	29	13	17	19	44.61	cps
Calcium	43-1	139	132	104	125	14.93	cps
Calcium	44-1	12888	12660	12591	12713	1.22	cps
Carbon	12-1	3421538	3455905	3428590	3435344	0.53	cps
Carbon	12-2	39370	40072	39286	39576	1.09	cps
Chlorine	35-1	241243	240473	243013	241576	0.54	cps
Chlorine	35-2	1642	1508	1625	1592	4.56	cps
Chromium	52-2	553	600	507	553	8.43	cps
Cobalt	59-2	103	80	110	98	16.11	cps
Copper	63-2	953	990	880	941	5.95	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	30	13	40	28	48.51	cps
Gadolinium	160-1	83	83	83	83	0.00	cps
Gadolinium	160-2	107	130	137	124	12.66	cps
Holmium	165-1	8210040	8111009	8180774	8167274	0.62	cps
Holmium	165-2	3748702	3932014	3836719	3839145	2.39	cps
Indium	115-1	7108090	7006314	7326151	7146851	2.29	cps
Indium	115-2	1121870	1116964	1111462	1116765	0.47	cps
Iron	54-2	606	606	622	611	1.57	cps
Iron	56-2	2839	2945	3006	2930	2.88	cps
Iron	57-2	194	194	294	228	25.35	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired :	2023-04-06 17:20:19	DataFile Name :	045CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	322	331	282	312	8.33	cps
Lead	206-1	561	606	467	544	13.03	cps
Lead	207-1	389	494	539	474	16.25	cps
Lead	208-1	2417	2272	2228	2306	4.28	cps
Lithium	6-1	3368942	3454413	3312163	3378506	2.12	cps
Magnesium	24-2	358	475	317	383	21.41	cps
Manganese	55-2	77	43	43	54	35.36	cps
Molybdenum	94-1	358	275	292	308	14.30	cps
Molybdenum	95-1	550	367	233	383	41.48	cps
Molybdenum	96-1	633	358	350	447	36.05	cps
Molybdenum	97-1	308	208	100	206	50.69	cps
Molybdenum	98-1	775	433	317	508	46.86	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	23	33	33	30	19.25	cps
Phosphorus	31-2	117	183	158	153	22.04	cps
Potassium	39-2	29222	28921	27961	28701	2.29	cps
Rhodium	103-1	7079446	7106557	7018069	7068024	0.64	cps
Rhodium	103-2	3180435	3246980	3136153	3187856	1.75	cps
Scandium	45-1	5391364	5453594	5578082	5474347	1.74	cps
Scandium	45-2	175119	177284	173338	175247	1.13	cps
Selenium	82-1	-20	-66	-1	-29	-114.72	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	62	48	51	54	13.73	cps
Silicon	28-1	875044	863736	881136	873305	1.01	cps
Silver	107-1	275	200	200	225	19.24	cps
Silver	109-1	167	117	217	167	30.00	cps
Sodium	23-2	32704	31660	32946	32437	2.11	cps
Strontium	86-1	842	725	708	758	9.58	cps
Strontium	88-1	2642	1925	1075	1881	41.71	cps
Sulfur	34-1	459102	457259	459384	458582	0.25	cps
Terbium	159-1	8621752	8543366	8545433	8570183	0.52	cps
Terbium	159-2	3846231	3769770	3906908	3840970	1.79	cps
Thallium	203-1	225	267	308	267	15.63	cps
Thallium	205-1	983	742	800	842	14.98	cps
Tin	118-1	542	525	442	503	10.66	cps

LB Number :	LB124916	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	258	233	183	225	16.97	cps
Uranium	238-1	117	58	33	69	61.58	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Ytterbium	172-1	67	25	33	42	52.92	cps
Ytterbium	172-2	39	6	44	30	70.98	cps
Ytterbium	176-1	1133	1300	1383	1272	10.01	cps
Ytterbium	176-2	8797	8937	9315	9016	2.97	cps
Yttrium	89-1	11528964	11813891	11804846	11715900	1.38	cps
Yttrium	89-2	1240795	1260964	1256547	1252768	0.85	cps
Zinc	66-2	67	57	37	53	28.64	cps
Zirconium	90-1	417	492	458	456	8.25	cps
Zirconium	91-1	58	75	92	75	22.23	cps