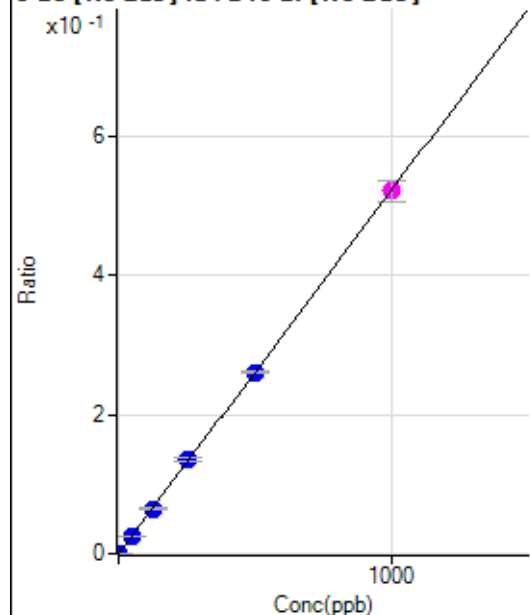


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8010722MS.b\
Analysis File: P8010722MS.batch.bin
DA Date-Time: 2022-01-07 17:10:22
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2022-01-07 16:44:20
2	006CALS.d	S02	2022-01-07 16:50:30
3	007CALS.d	S03	2022-01-07 16:53:35
4	008CALS.d	S04	2022-01-07 16:56:39
5	009CALS.d	S05	2022-01-07 16:59:44
6	010CALS.d	S06	2022-01-07 17:02:48
7	011CALS.d	S07	2022-01-07 17:05:54
8	012CALS.d	S08	2022-01-07 17:08:57

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.99	0.0000	P	2.3
2	☐	1.000	1.016	945.85	0.0006	P	1.2
3	☐	50.000	48.987	45018.22	0.0256	P	2.3
4	☐	125.000	123.175	112986.97	0.0643	P	4.0
5	☐	250.000	258.162	231284.95	0.1347	P	2.9
6	☐	500.000	499.923	468893.52	0.2609	P	0.9
7	☐	1000.000	998.277	942497.25	0.5209	M	5.5
8	☐			505.25	0.0003	P	15.1

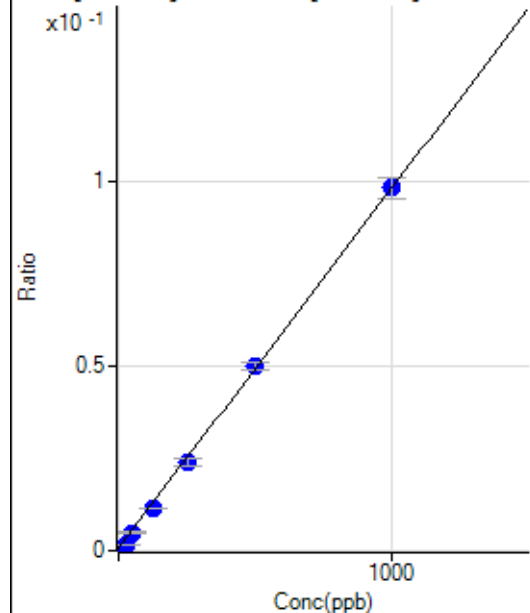
$$y = 5.2179\text{E-}004 * x + 2.8928\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.003908$$

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	1099.83	0.0007	P	3.1
2	☐	25.000	10.059	2775.72	0.0016	P	6.2
3	☐	50.000	43.161	8554.16	0.0049	P	9.0
4	☐	125.000	111.910	20340.12	0.0116	P	2.2
5	☐	250.000	240.817	41344.63	0.0241	P	8.7
6	☐	500.000	506.271	89785.06	0.0500	P	4.4
7	☐	1000.000	1001.512	177570.27	0.0982	P	6.2
8	☐			22938.75	0.0131	P	6.9

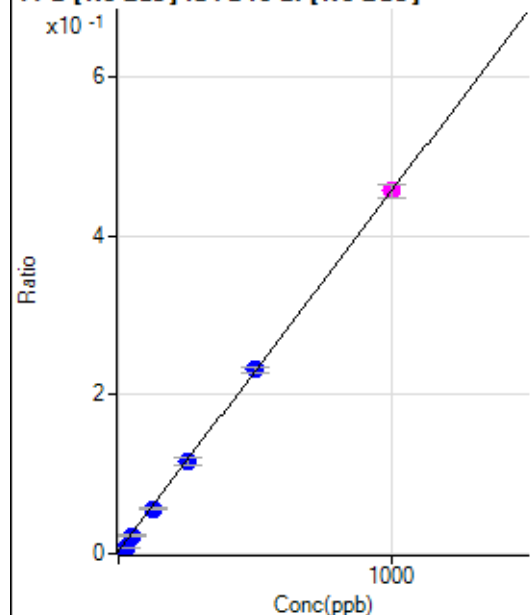
$$y = 9.7363\text{E-}005 * x + 6.6264\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.6354$$

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	5501.96	0.0033	P	0.3
2	☐	25.000	9.838	13146.63	0.0078	P	4.8
3	☐	50.000	43.333	40376.28	0.0230	P	8.8
4	☐	125.000	116.753	99021.95	0.0563	P	5.6
5	☐	250.000	249.456	199660.36	0.1164	P	8.2
6	☐	500.000	503.527	416385.16	0.2316	P	3.6
7	☐	1000.000	1000.116	826541.25	0.4568	M	3.6
8	☐			111141.39	0.0634	P	6.8

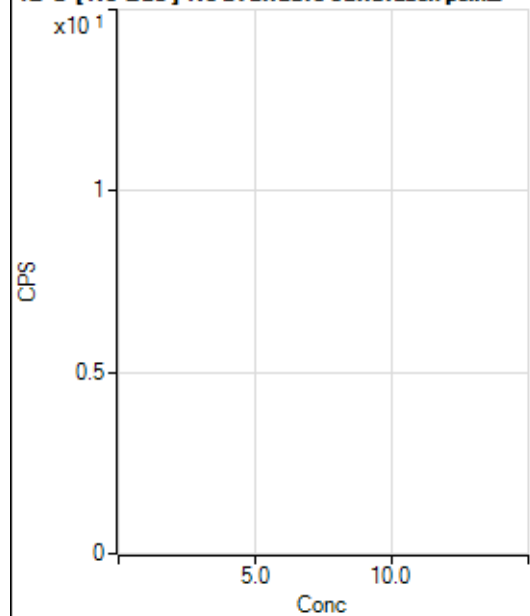
$$y = 4.5341\text{E-}004 * x + 0.0033$$

$$R = 0.9999$$

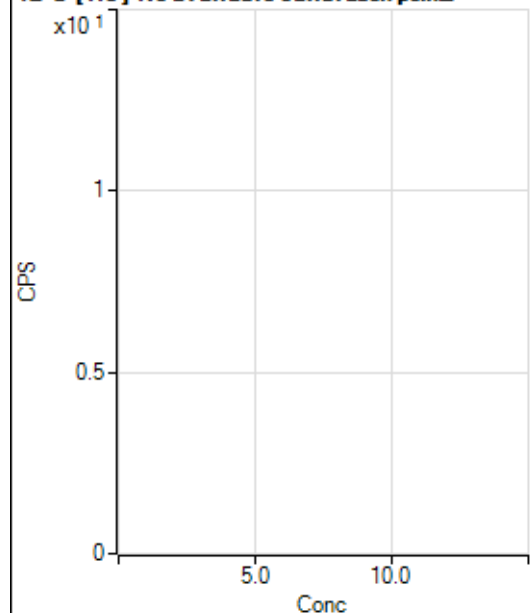
$$DL = 0.07106$$

Weight: <None>

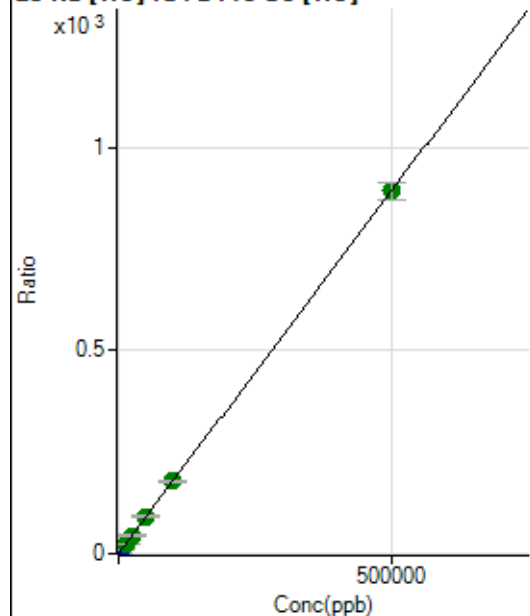
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			3749642.14		A	0.6
2	☐			3865460.72		A	1.6
3	☐			4058782.77		A	2.1
4	☐			4307100.49		A	2.6
5	☐			4577825.58		A	3.5
6	☐			5526529.29		A	2.7
7	☐			6411902.10		A	1.9
8	☐			4988251.50		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			35582.50		P	0.7
2	☐			37387.22		P	0.4
3	☐			39150.17		P	1.4
4	☐			42746.49		P	1.5
5	☐			47293.62		P	1.4
6	☐			59284.47		P	1.6
7	☐			66769.17		P	4.1
8	☐			52820.94		P	1.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10337.22	0.0986	P	0.9
2	☐	500.000	412.090	90779.73	0.8345	P	1.3
3	☐	5000.000	4621.465	876110.09	8.3511	P	2.3
4	☐	12500.000	12661.082	2341740.53	22.7072	A	2.6
5	☐	25000.000	25028.184	4529622.63	44.7909	A	2.0
6	☐	50000.000	51245.285	9292539.18	91.6061	A	5.8
7	☐	100000.00	99594.214	18539371.25	177.9417	A	2.0
8	☐	500000.00	499955.06	91653217.33	892.8564	A	5.0

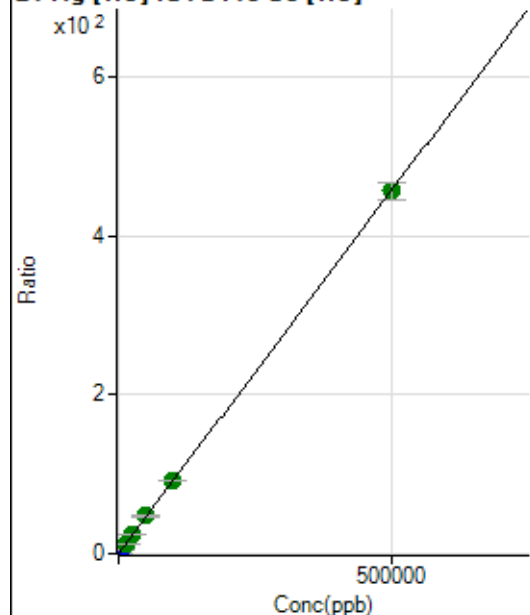
$$y = 0.0018 * x + 0.0986$$

$$R = 1.0000$$

$$DL = 1.554$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	316.68	0.0030	P	21.7
2	☐	500.000	423.622	42512.86	0.3908	P	1.3
3	☐	5000.000	4781.503	459403.04	4.3796	P	3.6
4	☐	12500.000	13001.156	1227692.70	11.9031	A	0.8
5	☐	25000.000	25929.639	2400550.27	23.7368	A	1.5
6	☐	50000.000	51996.077	4827843.25	47.5957	A	5.7
7	☐	100000.00	100936.15	9625508.81	92.3912	A	1.3
8	☐	500000.00	499556.41	46946489.25	457.2536	A	4.5

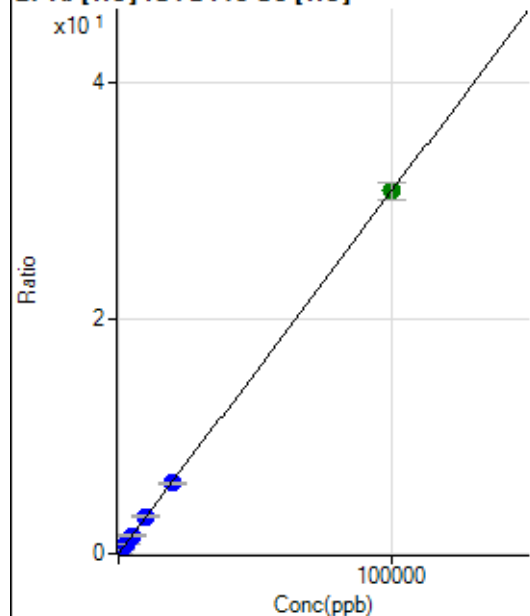
$$y = 9.1531\text{E-}004 * x + 0.0030$$

$$R = 1.0000$$

$$DL = 2.143$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	62.49	0.0006	P	27.8
2	☐	20.000	16.430	615.36	0.0057	P	6.7
3	☐	1000.000	973.057	31507.47	0.3003	P	1.9
4	☐	2500.000	2439.524	77565.20	0.7520	P	0.5
5	☐	5000.000	4992.623	155577.63	1.5384	P	2.0
6	☐	10000.000	10167.051	317715.14	3.1322	P	5.8
7	☐	20000.000	19423.502	623398.64	5.9834	P	0.8
8	☐	100000.00	100100.74	3165305.67	30.8334	A	4.9

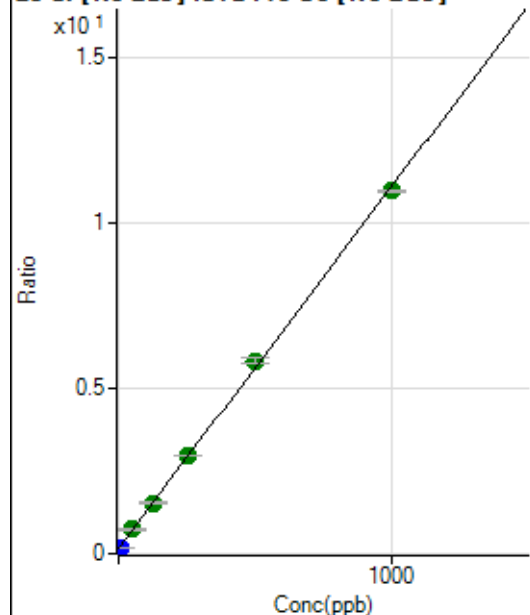
$$y = 3.0802\text{E-}004 * x + 5.9714\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.617$$

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	562679.92	0.1596	P	0.7
2	☐	10.000	0.755	600068.73	0.1679	P	0.9
3	☐	50.000	51.963	2638905.44	0.7286	A	1.2
4	☐	125.000	126.119	5647190.01	1.5405	A	1.5
5	☐	250.000	257.222	10651953.63	2.9760	A	0.7
6	☐	500.000	519.031	21260085.02	5.8426	A	2.9
7	☐	1000.000	988.534	39622726.93	10.9833	A	0.4
8	☐			1231557.32	0.3520	A	2.7

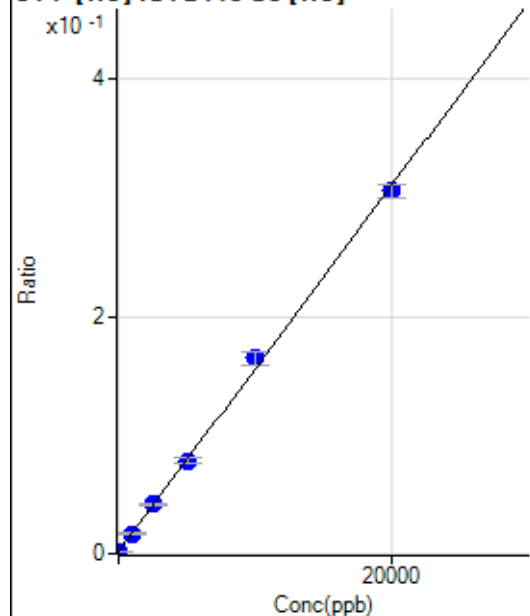
$$y = 0.0109 * x + 0.1596$$

$$R = 0.9996$$

$$DL = 0.3238$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-10.341	169.45	0.0016	P	20.7
2	☐	0.000	10.341	211.12	0.0019	P	35.5
3	☐	1000.000	962.929	1744.60	0.0166	P	7.2
4	☐	2500.000	2578.369	4286.86	0.0416	P	2.7
5	☐	5000.000	4973.854	7938.53	0.0785	P	6.8
6	☐	10000.000	10561.027	16707.27	0.1647	P	6.9
7	☐	20000.000	19718.080	31883.05	0.3061	P	3.4
8	☐			152.78	0.0015	P	22.9

$$y = 1.5431E-005 * x + 0.0018$$

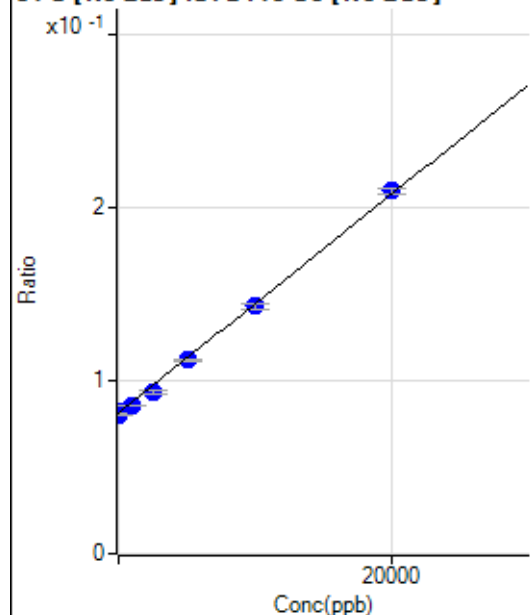
$$R = 0.9994$$

$$DL = 99.51$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	204.958	291607.28	0.0827	P	1.4
2	☐	0.000	-204.958	286432.15	0.0801	P	1.3
3	☐	1000.000	652.702	309849.30	0.0855	P	1.1
4	☐	2500.000	1865.206	341613.91	0.0932	P	2.4
5	☐	5000.000	4796.075	399857.37	0.1117	P	0.5
6	☐	10000.000	9723.772	519839.15	0.1429	P	2.1
7	☐	20000.000	20285.809	756063.56	0.2096	P	1.6
8	☐			276729.49	0.0791	P	1.3

$$y = 6.3176E-006 * x + 0.0814$$

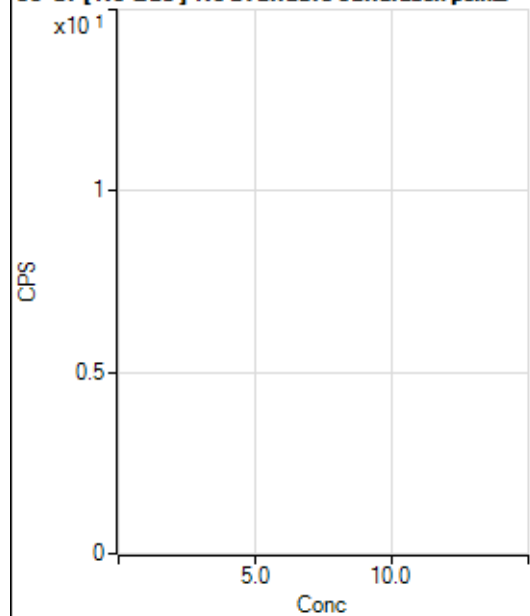
R = 0.9993

DL = 523.7

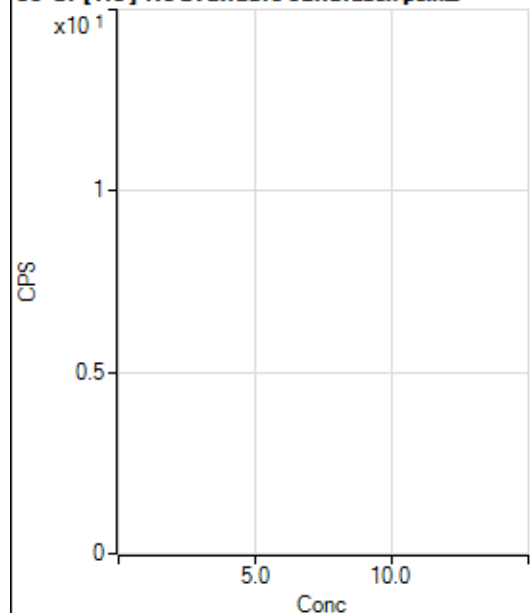
Weight: <None>

Min Conc: 0

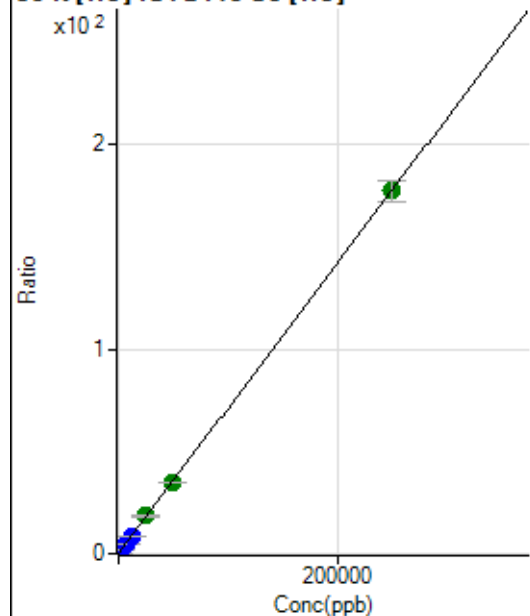
35 Cl [No Gas] No available calibration points



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			270460.74		P	0.2
2	☐			252375.52		P	0.5
3	☐			229280.29		P	1.0
4	☐			208546.47		P	0.7
5	☐			195659.36		P	0.1
6	☐			191698.04		P	1.1
7	☐			182444.58		P	0.6
8	☐			184996.97		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1875.17		P	6.2
2	☐			1636.25		P	1.3
3	☐			1419.55		P	7.1
4	☐			1511.24		P	11.6
5	☐			1294.54		P	20.8
6	☐			1205.64		P	7.4
7	☐			1238.98		P	13.6
8	☐			1141.75		P	11.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	14696.78	0.1403	P	4.6
2	☐	500.000	410.408	46910.02	0.4312	P	1.0
3	☐	2500.000	2410.958	194009.60	1.8494	P	2.9
4	☐	6250.000	5953.576	449804.22	4.3607	P	1.0
5	☐	12500.000	12125.655	883541.67	8.7360	P	0.9
6	☐	25000.000	26030.332	1886133.53	18.5928	A	5.3
7	☐	50000.000	48850.267	3622463.23	34.7695	A	2.4
8	☐	250000.00	250154.11	18213934.61	177.4706	A	5.6

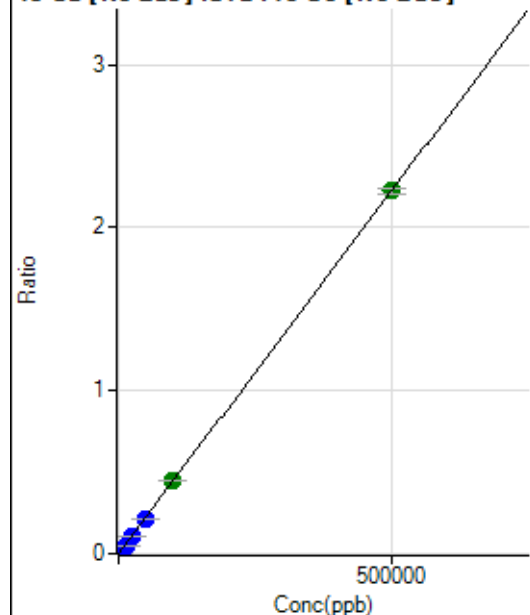
$$y = 7.0888\text{E-}004 * x + 0.1403$$

$$R = 1.0000$$

$$DL = 27.5$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	281.22	0.0001	P	5.6
2	☐	500.000	432.305	7159.23	0.0020	P	2.7
3	☐	5000.000	4783.420	77351.34	0.0214	P	0.8
4	☐	12500.000	11744.025	191762.16	0.0523	P	1.8
5	☐	25000.000	23922.568	381080.23	0.1065	P	1.4
6	☐	50000.000	48316.483	782359.27	0.2150	P	1.3
7	☐	100000.00	101148.90	1623265.88	0.4500	A	0.3
8	☐	500000.00	500013.57	7782862.78	2.2240	A	1.5

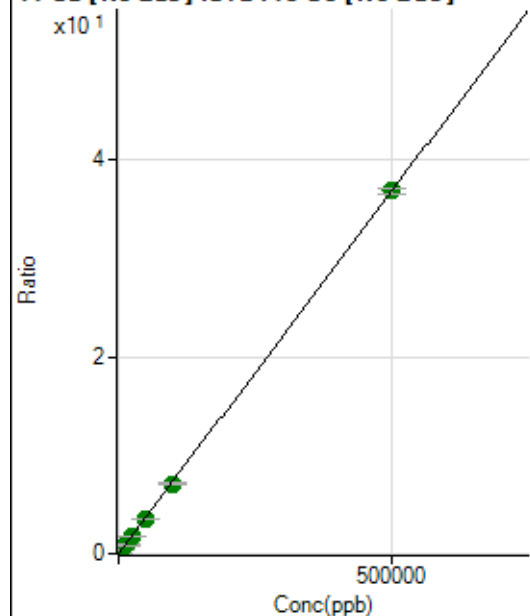
$$y = 4.4477\text{E-}006 * x + 7.9779\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.996$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14805.36	0.0042	P	1.1
2	☐	500.000	433.862	129105.92	0.0361	P	0.5
3	☐	5000.000	4974.031	1340665.23	0.3701	A	0.3
4	☐	12500.000	11957.001	3239259.16	0.8838	A	2.7
5	☐	25000.000	24436.237	6449166.63	1.8018	A	0.5
6	☐	50000.000	48647.677	13039177.73	3.5829	A	1.2
7	☐	100000.00	96758.824	25693626.26	7.1221	A	0.8
8	☐	500000.00	500825.55	128935796.5	36.8467	A	1.3

$$y = 7.3564\text{E-}005 * x + 0.0042$$

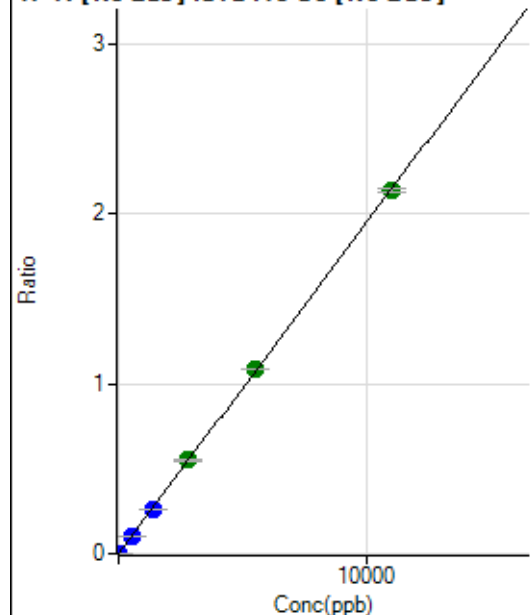
$$R = 1.0000$$

$$DL = 1.936$$

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	205.56	0.0001	P	9.7
2	☐	5.000	4.977	3681.14	0.0010	P	3.5
3	☐	550.000	544.018	384841.82	0.1062	P	0.6
4	☐	1375.000	1330.034	951647.77	0.2597	P	2.7
5	☐	2750.000	2818.694	1969219.45	0.5502	A	0.6
6	☐	5500.000	5585.509	3968314.28	1.0902	A	0.4
7	☐	11000.000	10945.992	7707469.18	2.1365	A	1.0
8	☐			2830.94	0.0008	P	20.3

$$y = 1.9518\text{E-}004 * x + 5.8319\text{E-}005$$

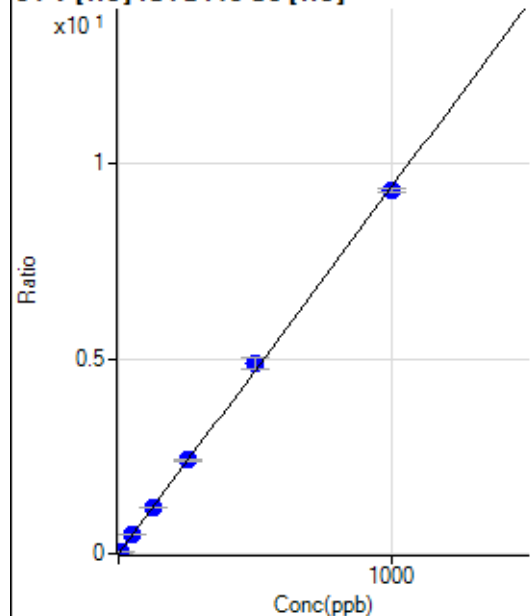
$$R = 0.9999$$

$$DL = 0.08693$$

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	2.22	0.0000	P	86.6
2	☐	5.000	4.607	4718.59	0.0434	P	6.4
3	☐	50.000	50.722	50080.79	0.4774	P	2.0
4	☐	125.000	126.025	122327.91	1.1860	P	0.3
5	☐	250.000	256.198	243829.97	2.4110	P	1.6
6	☐	500.000	517.637	494080.85	4.8713	P	5.9
7	☐	1000.000	989.470	970119.80	9.3116	P	1.2
8	☐			252.23	0.0025	P	7.8

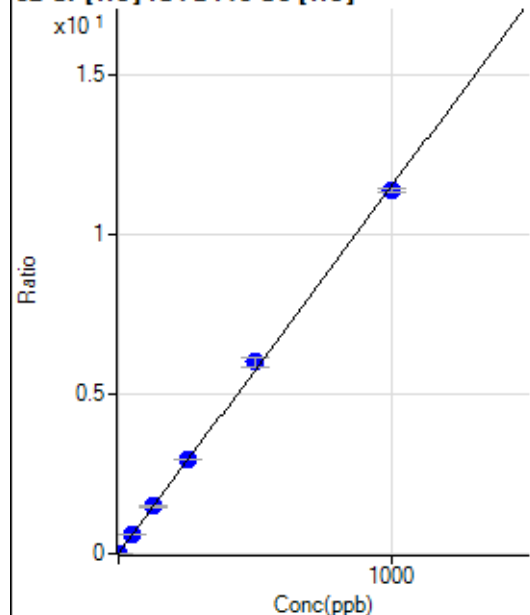
$$y = 0.0094 * x + 2.1334\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.00589$$

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	572.24	0.0055	P	12.9
2	☐	2.000	1.746	2780.30	0.0256	P	3.9
3	☐	50.000	50.692	61769.43	0.5888	P	3.0
4	☐	125.000	128.142	152661.71	1.4801	P	0.8
5	☐	250.000	255.440	297858.16	2.9451	P	0.9
6	☐	500.000	520.947	608778.64	6.0006	P	5.1
7	☐	1000.000	987.739	1184850.82	11.3725	P	1.0
8	☐			3768.31	0.0367	P	2.2

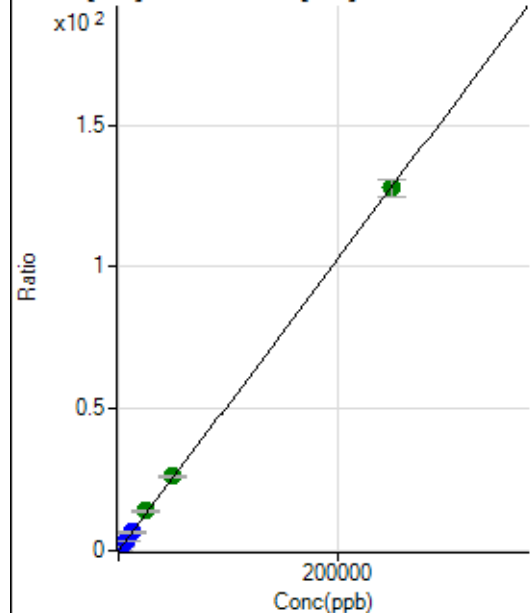
$$y = 0.0115 * x + 0.0055$$

$$R = 0.9996$$

$$DL = 0.1835$$

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	396.31	0.0038	P	10.2
2	☐	50.000	41.686	2735.49	0.0251	P	3.5
3	☐	2500.000	2457.145	132518.33	1.2631	P	1.5
4	☐	6250.000	6229.805	329714.10	3.1965	P	0.6
5	☐	12500.000	12588.195	652813.15	6.4552	P	1.7
6	☐	25000.000	27143.039	1411592.28	13.9144	A	5.2
7	☐	50000.000	51144.179	2731225.03	26.2149	A	1.2
8	☐	250000.00	249553.38	13130504.46	127.8984	A	4.8

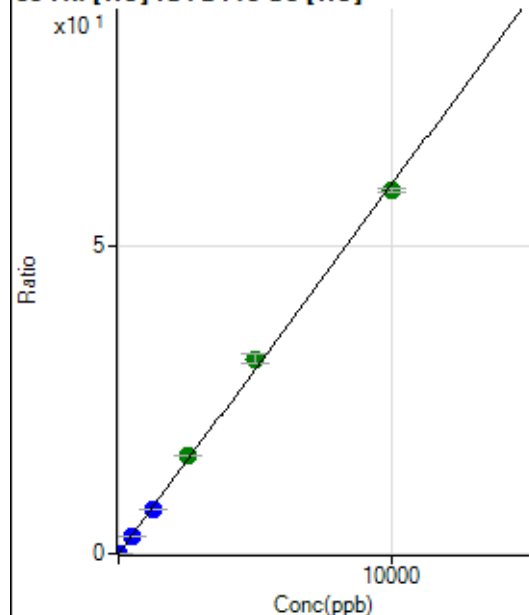
$$y = 5.1249E-004 * x + 0.0038$$

$$R = 1.0000$$

$$DL = 2.261$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	45.55	0.0004	P	14.1
2	☐	1.000	0.954	670.02	0.0062	P	4.6
3	☐	500.000	484.449	305224.41	2.9093	P	2.1
4	☐	1250.000	1209.413	749080.73	7.2623	P	0.7
5	☐	2500.000	2638.985	1602756.66	15.8462	A	0.5
6	☐	5000.000	5281.064	3217638.49	31.7105	A	4.8
7	☐	10000.000	9830.573	6149714.29	59.0280	A	1.0
8	☐			3977.27	0.0386	P	4.1

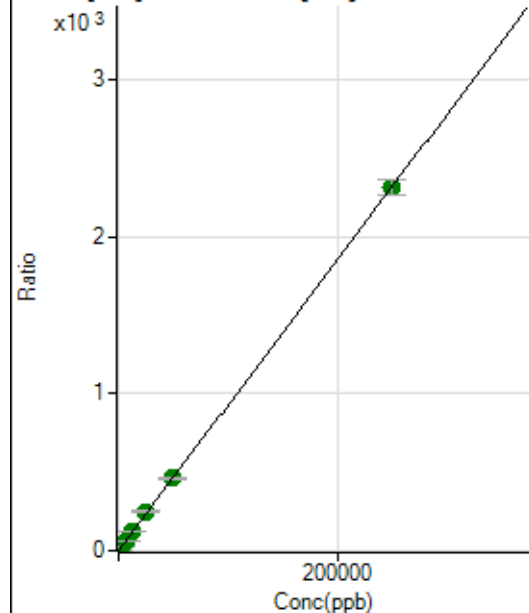
$$y = 0.0060 * x + 4.3428E-004$$

$$R = 0.9992$$

$$DL = 0.03056$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2641.03	0.0252	P	5.3
2	☐	50.000	44.214	47243.23	0.4343	P	2.0
3	☐	2500.000	2605.506	2531900.06	24.1322	A	1.6
4	☐	6250.000	6602.112	6303467.27	61.1101	A	1.9
5	☐	12500.000	13113.581	12274455.37	121.3563	A	0.4
6	☐	25000.000	26628.007	24994073.94	246.3960	A	5.7
7	☐	50000.000	49908.646	48109512.65	461.7959	A	1.5
8	☐	250000.00	249814.93	237337438.6	2,311.392	A	4.2

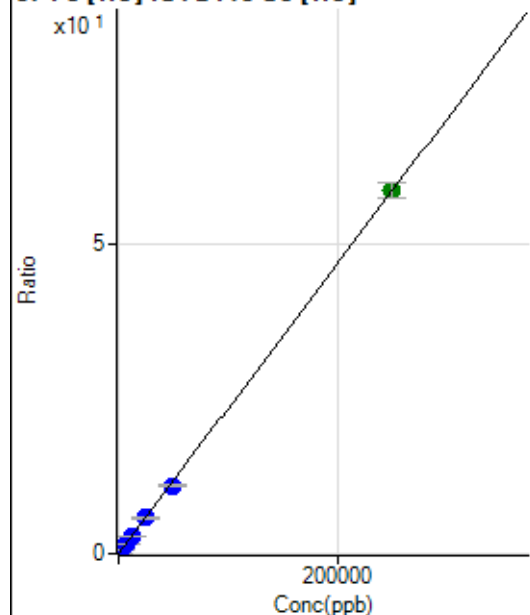
$$y = 0.0093 * x + 0.0252$$

$$R = 1.0000$$

$$DL = 0.4312$$

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	162.97	0.0016	P	9.8
2	☐	50.000	40.852	1205.63	0.0111	P	10.4
3	☐	2500.000	2436.828	59812.20	0.5701	P	1.7
4	☐	6250.000	6046.740	145659.71	1.4123	P	1.6
5	☐	12500.000	12256.526	289405.00	2.8611	P	1.6
6	☐	25000.000	24580.766	581892.90	5.7365	P	5.7
7	☐	50000.000	47090.289	1144782.33	10.9882	P	1.0
8	☐	250000.00	250641.75	6004537.23	58.4788	A	4.3

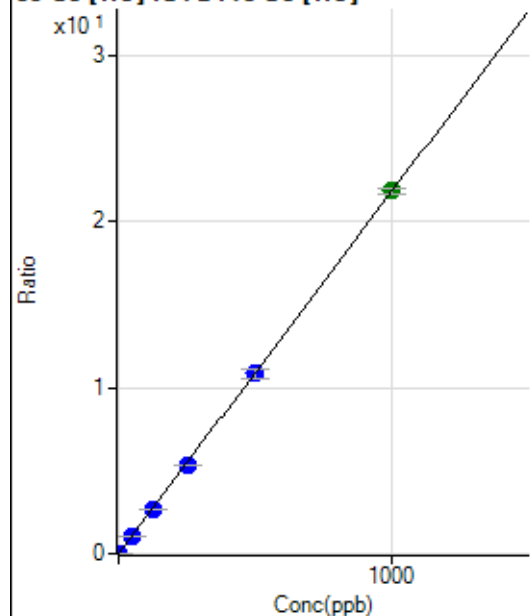
$$y = 2.3331E-004 * x + 0.0016$$

$$R = 0.9999$$

$$DL = 1.955$$

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	72.22	0.0007	P	23.8
2	☐	1.000	0.894	2193.53	0.0202	P	1.0
3	☐	50.000	49.150	112353.33	1.0711	P	3.5
4	☐	125.000	122.716	275727.01	2.6731	P	1.1
5	☐	250.000	244.070	537641.40	5.3159	P	1.0
6	☐	500.000	497.782	1099546.20	10.8411	P	6.0
7	☐	1000.000	1002.920	2275489.17	21.8418	A	1.3
8	☐			3330.43	0.0324	P	1.0

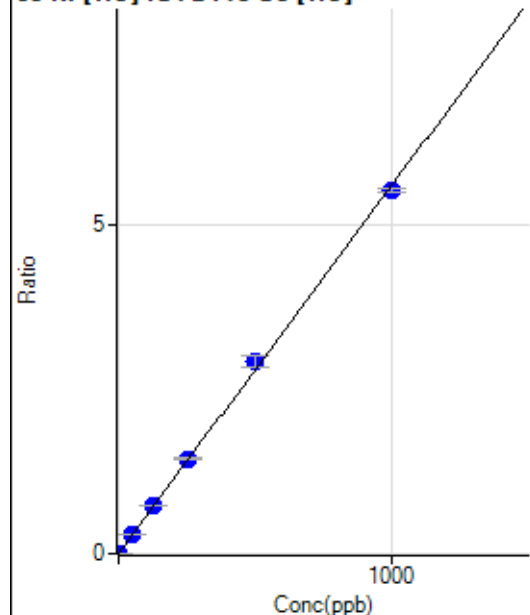
$$y = 0.0218 * x + 6.9005E-004$$

$$R = 1.0000$$

$$DL = 0.02266$$

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	148.89	0.0014	P	11.0
2	☐	1.000	0.983	753.36	0.0069	P	4.3
3	☐	50.000	51.732	30520.62	0.2910	P	4.4
4	☐	125.000	129.574	74951.83	0.7267	P	0.2
5	☐	250.000	257.933	146152.67	1.4451	P	1.0
6	☐	500.000	522.429	296718.11	2.9255	P	6.0
7	☐	1000.000	986.144	575221.22	5.5210	P	0.9
8	☐			1547.88	0.0150	P	2.9

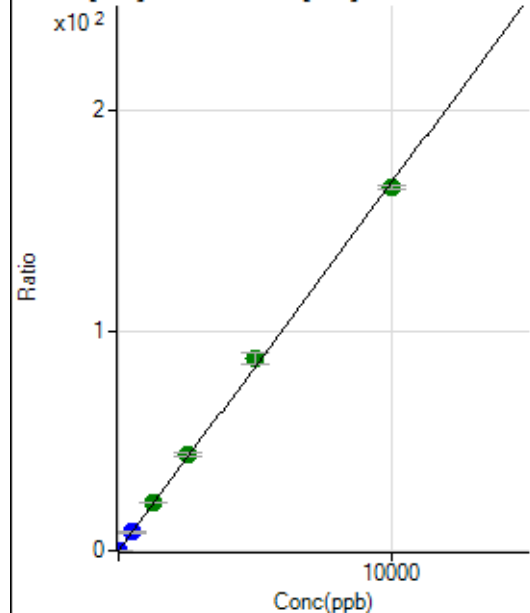
$$y = 0.0056 * x + 0.0014$$

$$R = 0.9996$$

$$DL = 0.08407$$

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	588.91	0.0056	P	6.8
2	☐	2.000	1.754	3802.77	0.0350	P	0.9
3	☐	500.000	496.849	872410.71	8.3154	P	2.3
4	☐	1250.000	1300.214	2243550.50	21.7518	A	0.2
5	☐	2500.000	2613.480	4420594.45	43.7163	A	3.5
6	☐	5000.000	5217.167	8850693.27	87.2631	A	6.0
7	☐	10000.000	9856.927	17175845.44	164.8634	A	1.1
8	☐			5599.03	0.0544	P	4.1

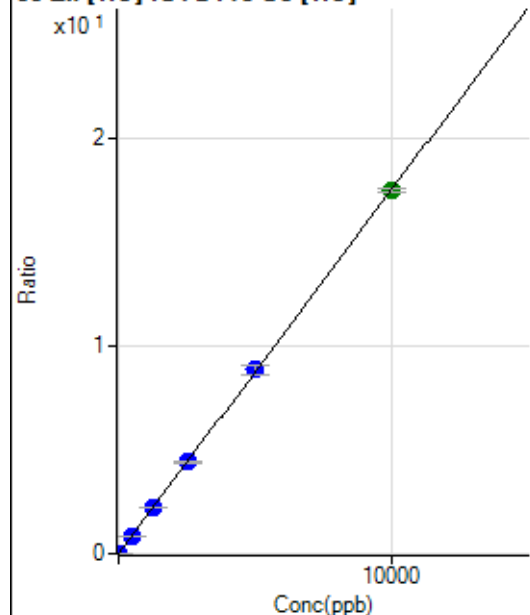
$$y = 0.0167 * x + 0.0056$$

$$R = 0.9996$$

$$DL = 0.06858$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:⁴⁵Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	136.67	0.0013	P	14.7
2	☐	2.000	1.836	491.12	0.0045	P	17.3
3	☐	500.000	493.198	90672.44	0.8642	P	1.8
4	☐	1250.000	1247.059	225188.71	2.1832	P	0.3
5	☐	2500.000	2515.606	445286.08	4.4028	P	1.0
6	☐	5000.000	5055.070	897233.46	8.8460	P	5.9
7	☐	10000.000	9969.271	1817457.85	17.4442	A	1.0
8	☐			2512.47	0.0245	P	7.0

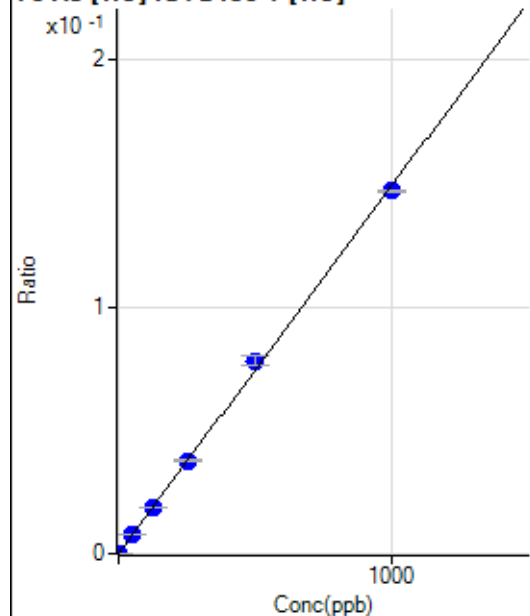
$$y = 0.0017 * x + 0.0013$$

$$R = 1.0000$$

$$DL = 0.3292$$

Weight: <None>

Min Conc: 0

⁷⁵As [He] ISTD:⁸⁹Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5.67	0.0000	P	56.6
2	☐	1.000	0.933	113.68	0.0001	P	5.8
3	☐	50.000	50.219	5725.42	0.0075	P	0.6
4	☐	125.000	126.250	14011.36	0.0188	P	1.7
5	☐	250.000	253.311	27907.58	0.0377	P	2.7
6	☐	500.000	524.354	56531.80	0.0781	P	5.0
7	☐	1000.000	986.828	110000.97	0.1470	P	0.4
8	☐			51.34	0.0001	P	5.4

$$y = 1.4898E-004 * x + 7.3653E-006$$

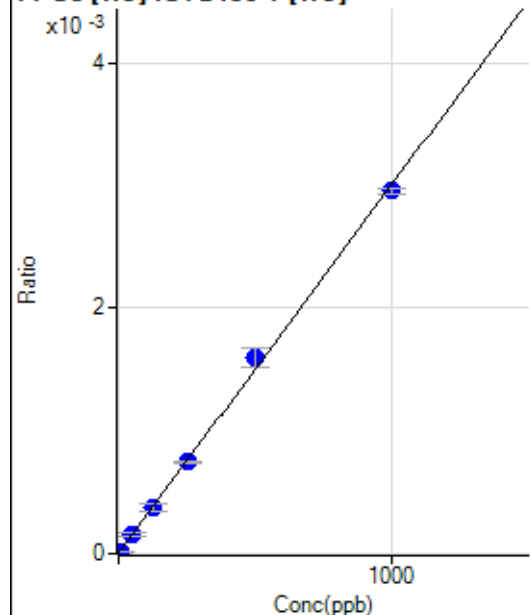
$$R = 0.9995$$

$$DL = 0.08387$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	5.000	4.275	12.22	0.0000	P	55.9
3	☐	50.000	52.329	122.22	0.0002	P	24.6
4	☐	125.000	123.914	278.89	0.0004	P	13.3
5	☐	250.000	247.901	552.24	0.0007	P	1.8
6	☐	500.000	533.297	1158.95	0.0016	P	9.5
7	☐	1000.000	983.899	2211.31	0.0030	P	1.3
8	☐			3.33	0.0000	P	97.5

$$y = 3.0010\text{E-}006 * x + 2.8591\text{E-}006$$

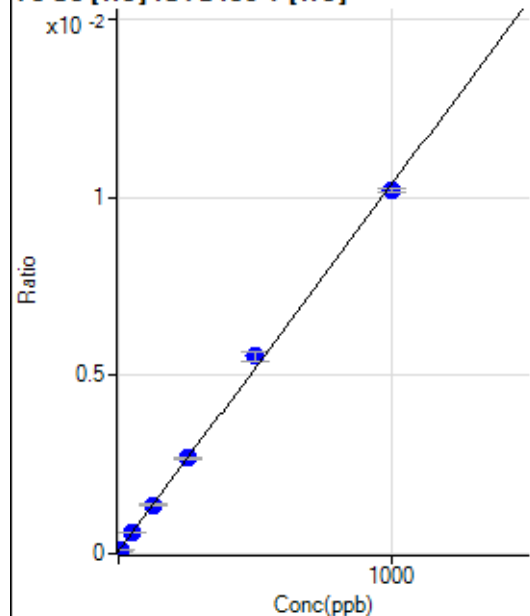
$$R = 0.9992$$

$$DL = 4.95$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	55.34	0.0001	P	27.9
2	☐	5.000	4.776	94.01	0.0001	P	13.7
3	☐	50.000	51.502	459.72	0.0006	P	4.7
4	☐	125.000	125.963	1017.81	0.0014	P	3.4
5	☐	250.000	253.359	1979.01	0.0027	P	1.6
6	☐	500.000	531.459	4005.98	0.0055	P	4.2
7	☐	1000.000	983.236	7615.83	0.0102	P	1.0
8	☐			48.34	0.0001	P	16.7

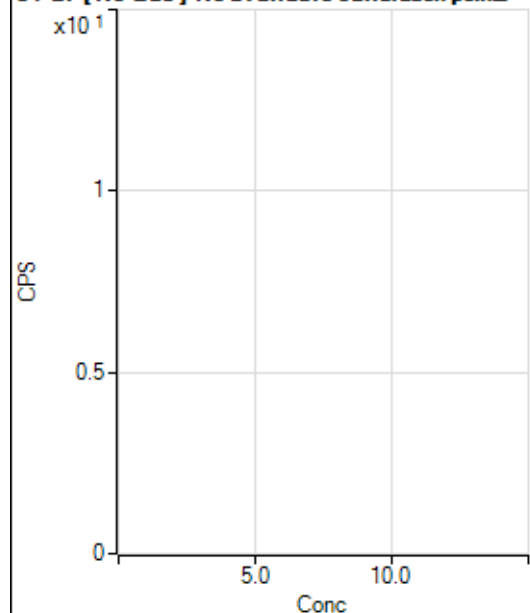
$$y = 1.0279\text{E-}005 * x + 7.1956\text{E-}005$$

$$R = 0.9992$$

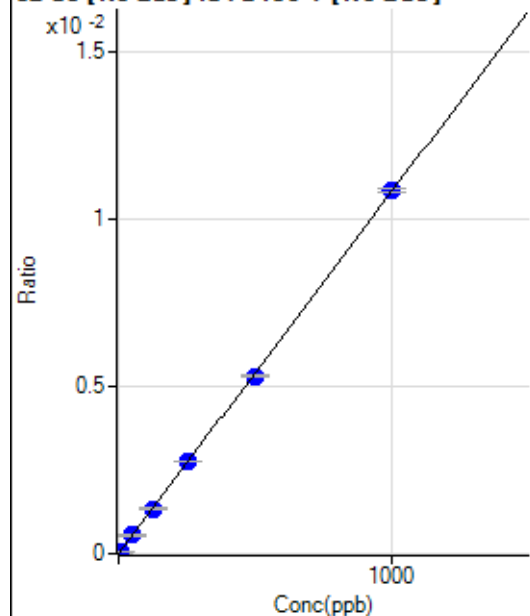
$$DL = 5.85$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21746.16		P	1.0
2	☐			21685.92		P	4.3
3	☐			21087.84		P	1.2
4	☐			21134.67		P	0.9
5	☐			20422.62		P	2.3
6	☐			20589.92		P	4.9
7	☐			21445.35		P	4.2
8	☐			21398.65		P	4.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-40.24	0.0000	P	-126.
2	☐	5.000	4.851	344.47	0.0000	P	2.5
3	☐	50.000	51.288	4088.08	0.0005	P	3.6
4	☐	125.000	123.315	10049.10	0.0013	P	3.0
5	☐	250.000	255.267	20278.01	0.0028	P	1.2
6	☐	500.000	491.089	41063.52	0.0053	P	1.6
7	☐	1000.000	1003.286	80071.44	0.0108	P	1.3
8	☐			120.90	0.0000	P	73.2

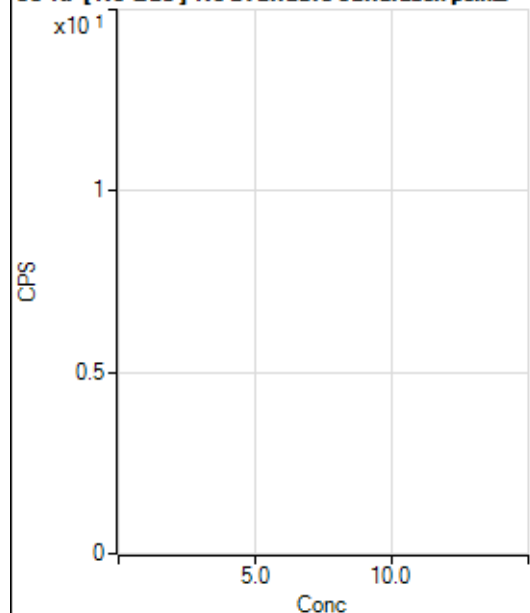
$$y = 1.0799E-005 * x - 5.5701E-006$$

$$R = 0.9999$$

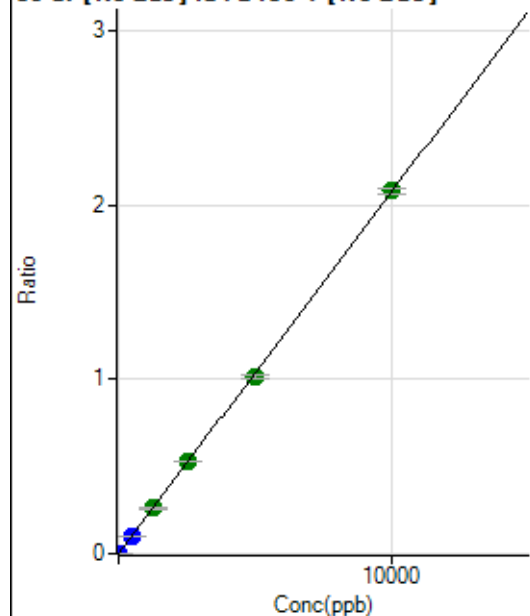
$$DL = 1.951$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			554.46		P	4.8
2	☐			503.35		P	6.4
3	☐			488.90		P	12.0
4	☐			526.68		P	16.3
5	☐			474.46		P	3.5
6	☐			485.57		P	6.9
7	☐			564.46		P	1.2
8	☐			534.46		P	18.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	833.38	0.0001	P	14.0
2	☐	1.000	0.914	2244.68	0.0003	P	10.5
3	☐	500.000	489.968	758601.10	0.1017	P	0.8
4	☐	1250.000	1256.016	1975377.50	0.2606	A	1.6
5	☐	2500.000	2541.701	3886863.54	0.5273	A	0.5
6	☐	5000.000	4912.510	7897809.90	1.0190	A	2.2
7	☐	10000.000	10033.069	15387148.43	2.0810	A	1.7
8	☐			15623.07	0.0021	P	7.1

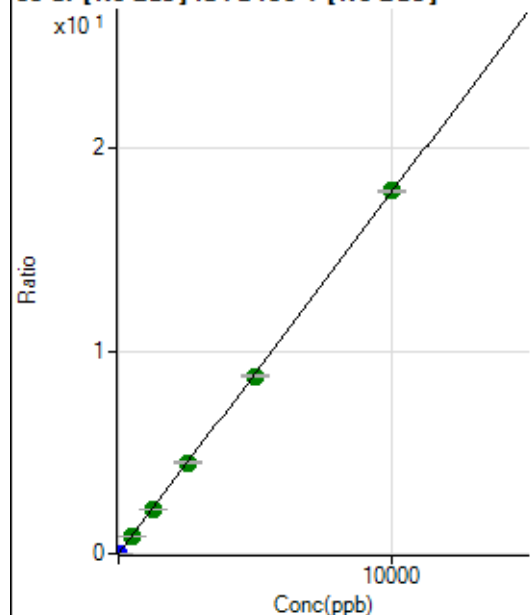
$$y = 2.0740E-004 * x + 1.1530E-004$$

$$R = 0.9999$$

$$DL = 0.2336$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	144.45	0.0000	P	22.0
2	☐	1.000	0.947	12583.77	0.0017	P	2.2
3	☐	500.000	500.241	6658321.63	0.8930	A	2.0
4	☐	1250.000	1240.414	16785130.24	2.2142	A	1.2
5	☐	2500.000	2527.208	33256897.97	4.5112	A	0.3
6	☐	5000.000	4907.366	67909204.99	8.7598	A	0.8
7	☐	10000.000	10040.701	132531196.0	17.9230	A	0.7
8	☐			134140.69	0.0182	P	10.8

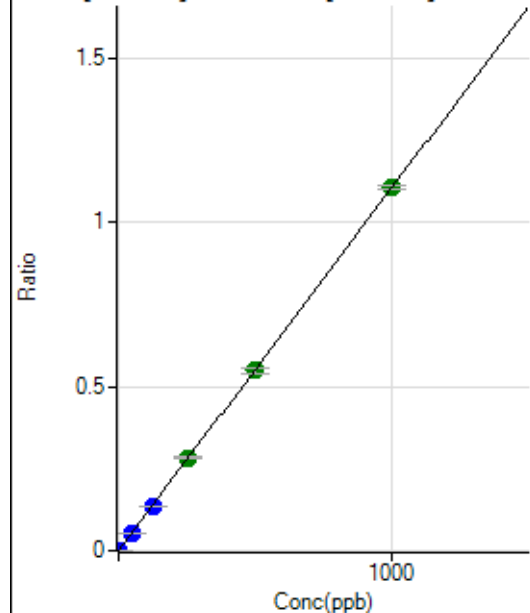
$$y = 0.0018 * x + 2.0001E-005$$

$$R = 0.9999$$

$$DL = 0.007408$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.13	0.0001	P	3.6
2	☐	1.000	0.937	8027.56	0.0011	P	2.6
3	☐	50.000	49.039	404163.92	0.0542	P	1.5
4	☐	125.000	120.861	1011914.61	0.1335	P	1.6
5	☐	250.000	256.552	2088523.96	0.2833	A	1.4
6	☐	500.000	496.168	4246501.05	0.5479	A	2.4
7	☐	1000.000	1000.843	8171701.57	1.1051	A	1.1
8	☐			6679.78	0.0009	P	12.5

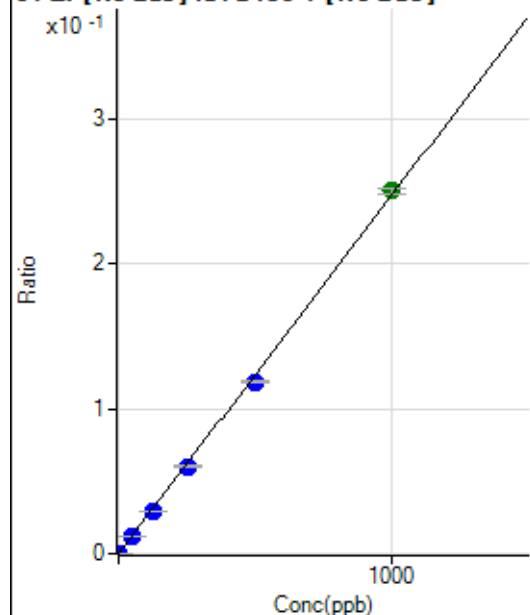
$$y = 0.0011 * x + 5.6931E-005$$

$$R = 1.0000$$

$$DL = 0.005636$$

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	100.00	0.0000	P	47.5
2	☐	1.000	0.854	1655.70	0.0002	P	4.6
3	☐	50.000	47.608	87916.29	0.0118	P	1.1
4	☐	125.000	118.641	222505.29	0.0294	P	2.8
5	☐	250.000	243.373	443774.52	0.0602	P	2.4
6	☐	500.000	479.015	918567.93	0.1185	P	1.6
7	☐	1000.000	1013.064	1853030.84	0.2506	A	1.9
8	☐			1472.35	0.0002	P	4.4

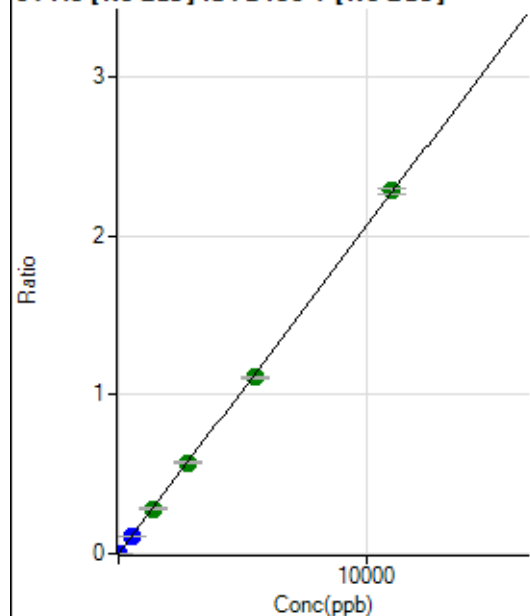
$$y = 2.4736E-004 * x + 1.3879E-005$$

$$R = 0.9996$$

$$DL = 0.07991$$

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	202.79	0.0000	P	1.2
2	☐	5.000	5.838	9072.65	0.0012	P	4.0
3	☐	550.000	539.580	830434.13	0.1114	P	2.2
4	☐	1375.000	1358.752	2125118.47	0.2804	A	4.0
5	☐	2750.000	2760.291	4198256.21	0.5696	A	1.9
6	☐	5500.000	5379.070	8604652.97	1.1100	A	1.1
7	☐	11000.000	11060.444	16876600.55	2.2824	A	1.8
8	☐			9326.25	0.0013	P	24.9

$$y = 2.0635E-004 * x + 2.8069E-005$$

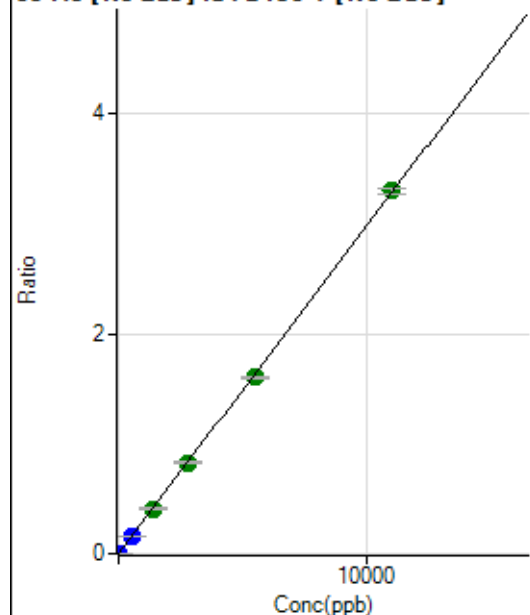
$$R = 0.9999$$

$$DL = 0.005085$$

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	50.00	0.0000	P	88.4
2	☐	5.000	4.734	10445.86	0.0014	P	3.8
3	☐	550.000	545.471	1213811.37	0.1628	P	1.7
4	☐	1375.000	1364.671	3086319.16	0.4073	A	3.7
5	☐	2750.000	2765.294	6081597.36	0.8252	A	2.5
6	☐	5500.000	5374.074	12432032.31	1.6037	A	1.3
7	☐	11000.000	11060.657	24407087.35	3.3007	A	1.5
8	☐			11783.80	0.0016	P	22.4

$$y = 2.9842\text{E-}004 * x + 6.8822\text{E-}006$$

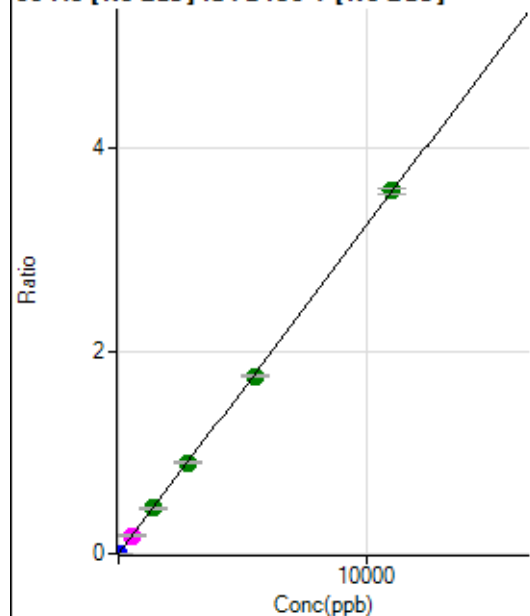
$$R = 0.9999$$

$$DL = 0.06118$$

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	152.78	0.0000	P	4.4
2	☐	5.000	4.965	12005.50	0.0016	P	3.0
3	☐	550.000	551.289	1333377.84	0.1788	M	2.6
4	☐	1375.000	1376.088	3382206.91	0.4463	A	3.7
5	☐	2750.000	2758.056	6592858.74	0.8945	A	2.2
6	☐	5500.000	5404.060	13588217.92	1.7526	A	0.8
7	☐	11000.000	11045.756	26489939.83	3.5823	A	1.5
8	☐			20520.41	0.0028	P	18.0

$$y = 3.2432\text{E-}004 * x + 2.1157\text{E-}005$$

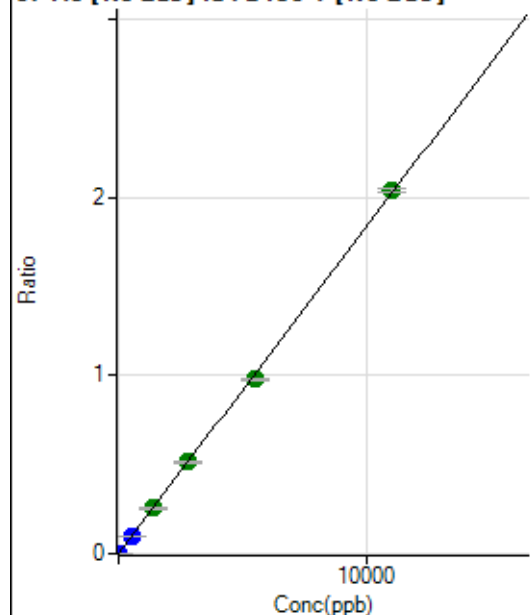
$$R = 0.9999$$

$$DL = 0.008622$$

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	25.00	0.0000	P	67.6
2	☐	5.000	4.840	6571.20	0.0009	P	4.1
3	☐	550.000	537.666	736925.12	0.0988	P	1.1
4	☐	1375.000	1385.812	1930366.36	0.2547	A	2.8
5	☐	2750.000	2792.281	3782862.02	0.5132	A	3.4
6	☐	5500.000	5322.310	7582705.98	0.9783	A	1.7
7	☐	11000.000	11077.540	15055735.23	2.0361	A	1.2
8	☐			7583.30	0.0010	P	25.3

$$y = 1.8380E-004 * x + 3.4706E-006$$

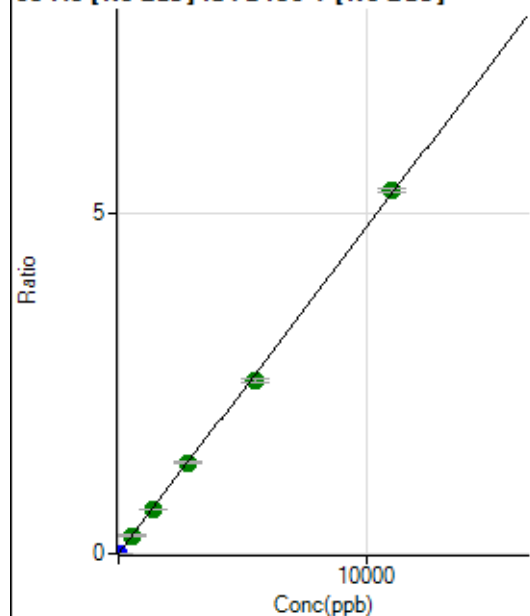
$$R = 0.9998$$

$$DL = 0.0383$$

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	105.56	0.0000	P	11.5
2	☐	5.000	4.779	17022.00	0.0023	P	3.3
3	☐	550.000	551.039	1976451.72	0.2651	A	3.1
4	☐	1375.000	1356.557	4945689.57	0.6525	A	2.0
5	☐	2750.000	2792.910	9901255.43	1.3435	A	2.2
6	☐	5500.000	5277.087	19674209.47	2.5384	A	2.1
7	☐	11000.000	11102.982	39493819.98	5.3407	A	0.9
8	☐			18236.63	0.0025	P	22.1

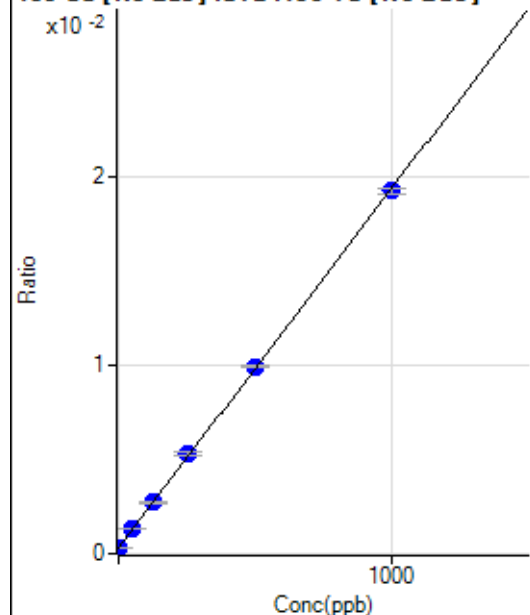
$$y = 4.8102E-004 * x + 1.4608E-005$$

$$R = 0.9997$$

$$DL = 0.01051$$

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	1602.91	0.0003	P	5.3
2	☐	1.000	1.477	1744.61	0.0003	P	3.0
3	☐	50.000	54.116	7040.87	0.0013	P	3.6
4	☐	125.000	126.331	14727.68	0.0027	P	4.0
5	☐	250.000	261.250	28346.54	0.0053	P	3.0
6	☐	500.000	505.694	55944.75	0.0099	P	1.4
7	☐	1000.000	993.968	106636.76	0.0192	P	1.8
8	☐			1719.61	0.0003	P	16.0

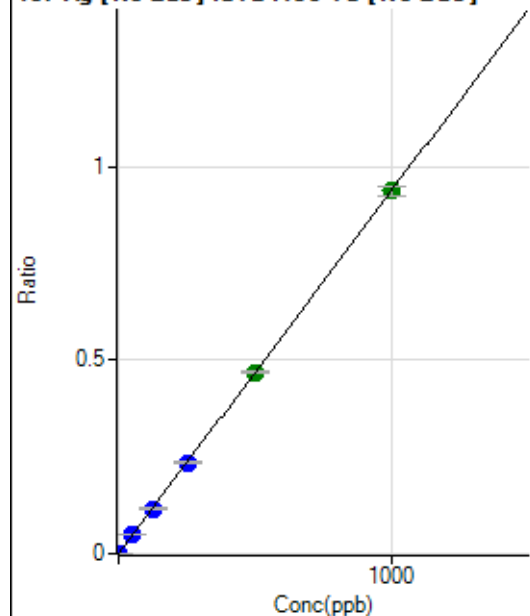
$$y = 1.9030E-005 * x + 3.0116E-004$$

$$R = 0.9999$$

$$DL = 2.5$$

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	80.56	0.0000	P	5.7
2	☐	1.000	0.953	4817.63	0.0009	P	3.2
3	☐	50.000	51.657	256050.61	0.0485	P	4.2
4	☐	125.000	123.987	633536.80	0.1163	P	2.0
5	☐	250.000	251.398	1268026.19	0.2359	P	0.5
6	☐	500.000	500.082	2644998.24	0.4692	A	0.7
7	☐	1000.000	999.653	5204227.68	0.9379	A	2.8
8	☐			2297.48	0.0004	P	19.5

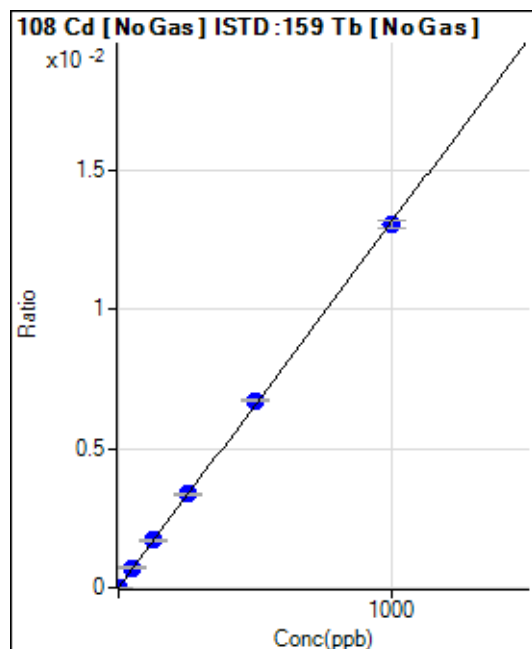
$$y = 9.3821E-004 * x + 1.5131E-005$$

$$R = 1.0000$$

$$DL = 0.002772$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.72	0.0000	P	24.8
2	☐	1.000	1.043	106.95	0.0000	P	6.5
3	☐	50.000	54.207	3786.68	0.0007	P	7.4
4	☐	125.000	128.836	9235.14	0.0017	P	2.9
5	☐	250.000	255.522	18049.48	0.0034	P	1.7
6	☐	500.000	510.847	37804.64	0.0067	P	1.2
7	☐	1000.000	992.506	72259.14	0.0130	P	2.1
8	☐			93.06	0.0000	P	30.2

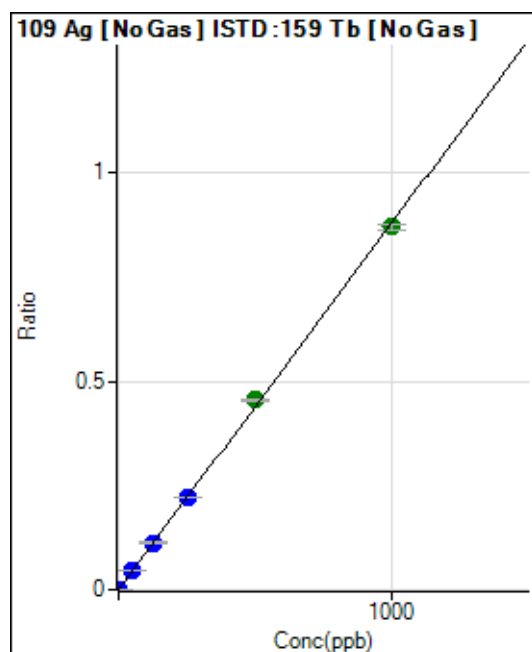
$$y = 1.3115\text{E-}005 * x + 6.5188\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.3694$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	50.4
2	☐	1.000	0.969	4562.00	0.0009	P	6.2
3	☐	50.000	51.905	241101.85	0.0456	P	3.6
4	☐	125.000	127.267	609371.53	0.1119	P	2.9
5	☐	250.000	250.649	1184727.03	0.2204	P	0.4
6	☐	500.000	518.343	2569162.45	0.4557	A	0.7
7	☐	1000.000	990.288	4831599.24	0.8707	A	1.7
8	☐			2186.36	0.0004	P	11.1

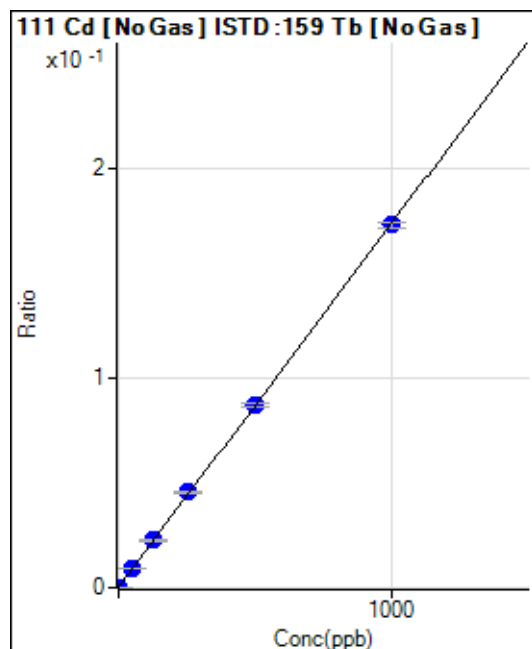
$$y = 8.7921\text{E-}004 * x + 9.3961\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.01614$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1121.34	0.0002	P	5.3
2	☐	1.000	1.049	2079.75	0.0004	P	4.9
3	☐	50.000	52.944	49642.84	0.0094	P	1.8
4	☐	125.000	128.371	122389.51	0.0225	P	2.9
5	☐	250.000	261.274	244764.33	0.0455	P	0.9
6	☐	500.000	501.187	491199.55	0.0871	P	2.3
7	☐	1000.000	996.020	959875.66	0.1730	P	1.9
8	☐			1612.21	0.0003	P	17.2

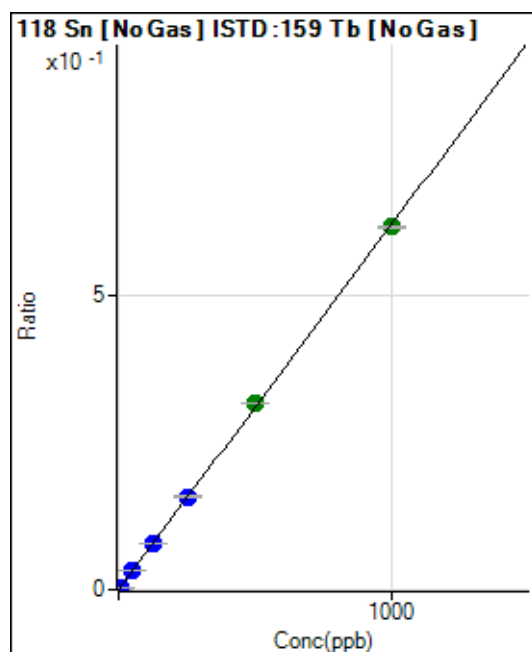
$$y = 1.7346\text{E-}004 * x + 2.1068\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.1938$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	502.80	0.0001	P	10.8
2	☐	5.000	4.857	16477.11	0.0031	P	4.0
3	☐	50.000	51.983	170914.19	0.0324	P	4.5
4	☐	125.000	125.186	423756.24	0.0778	P	0.8
5	☐	250.000	254.785	850699.21	0.1582	P	1.2
6	☐	500.000	510.842	1788224.97	0.3172	A	0.7
7	☐	1000.000	993.261	3422335.40	0.6166	A	0.4
8	☐			3600.59	0.0006	P	4.2

$$y = 6.2074\text{E-}004 * x + 9.4428\text{E-}005$$

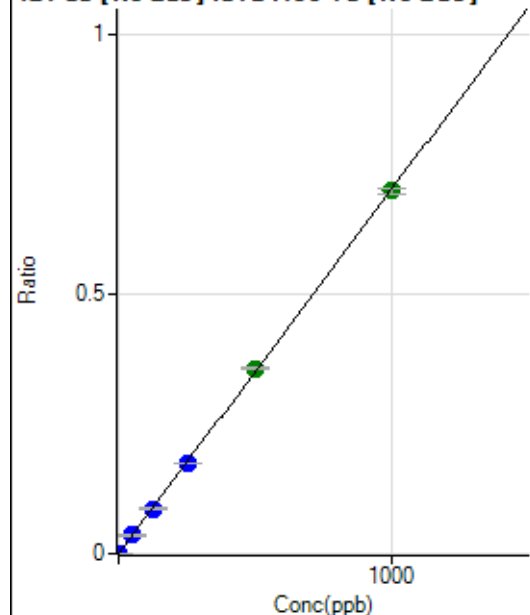
$$R = 0.9999$$

$$DL = 0.04937$$

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	47.22	0.0000	P	87.1
2	☐	2.000	1.871	7015.88	0.0013	P	2.2
3	☐	50.000	50.468	187407.18	0.0355	P	3.6
4	☐	125.000	123.050	470958.87	0.0865	P	2.4
5	☐	250.000	248.587	939247.84	0.1747	P	0.6
6	☐	500.000	509.124	2017250.69	0.3578	A	0.7
7	☐	1000.000	996.012	3884570.88	0.7000	A	1.7
8	☐			4434.18	0.0008	P	4.3

$$y = 7.0282\text{E-}004 * x + 8.9148\text{E-}006$$

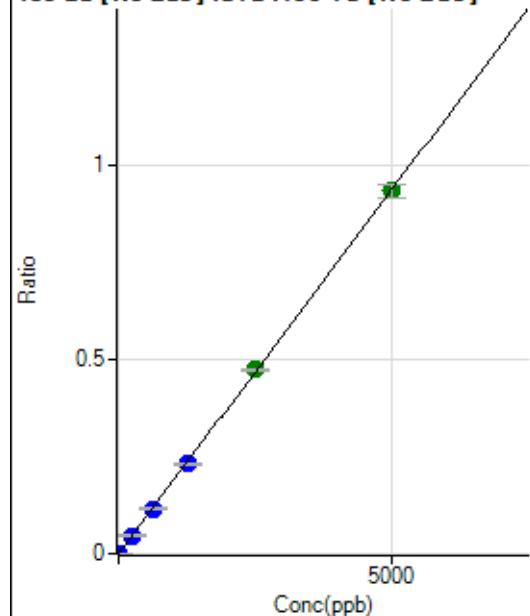
$$R = 0.9999$$

$$DL = 0.03313$$

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	19.44	0.0000	P	64.6
2	☐	10.000	9.188	9136.66	0.0017	P	5.3
3	☐	250.000	249.581	246942.79	0.0468	P	4.4
4	☐	625.000	616.987	629317.48	0.1156	P	2.8
5	☐	1250.000	1237.780	1246443.22	0.2319	P	1.6
6	☐	2500.000	2529.216	2670912.24	0.4738	A	0.5
7	☐	5000.000	4989.471	5185192.74	0.9347	A	3.7
8	☐			3283.85	0.0006	P	12.9

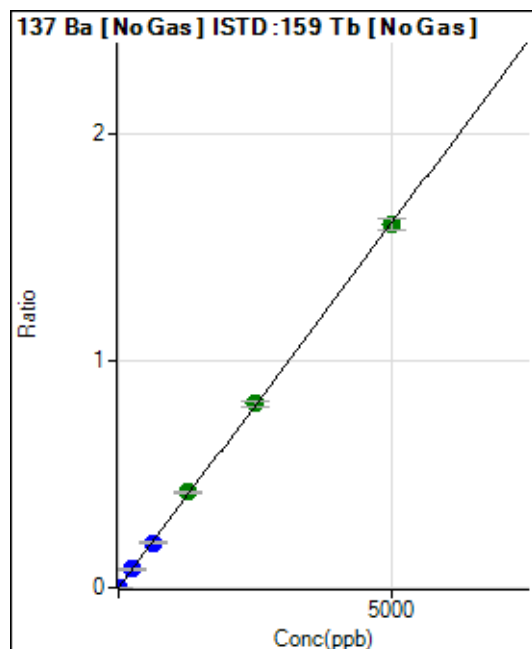
$$y = 1.8732\text{E-}004 * x + 3.6402\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03768$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	29.1
2	☐	10.000	9.538	16293.63	0.0031	P	1.8
3	☐	250.000	252.251	428314.85	0.0811	P	4.4
4	☐	625.000	616.754	1079529.80	0.1983	P	2.9
5	☐	1250.000	1308.677	2261488.01	0.4207	A	0.8
6	☐	2500.000	2519.736	4565782.61	0.8100	A	2.3
7	☐	5000.000	4976.382	8875092.73	1.5997	A	3.1
8	☐			5971.01	0.0011	P	13.0

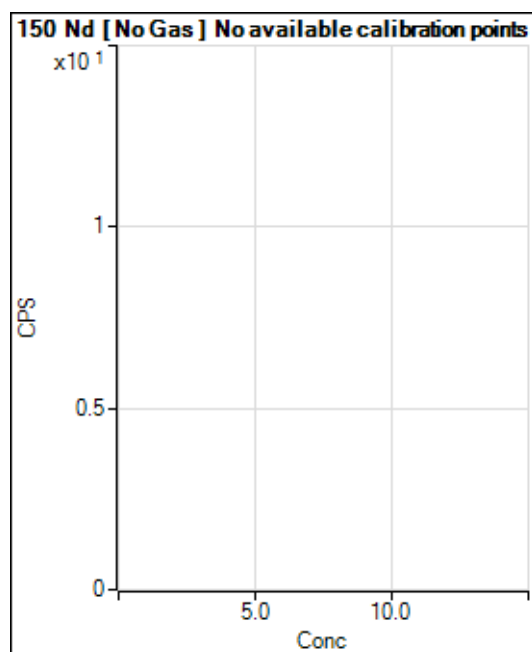
$$y = 3.2145E-004 * x + 8.3536E-006$$

$$R = 0.9999$$

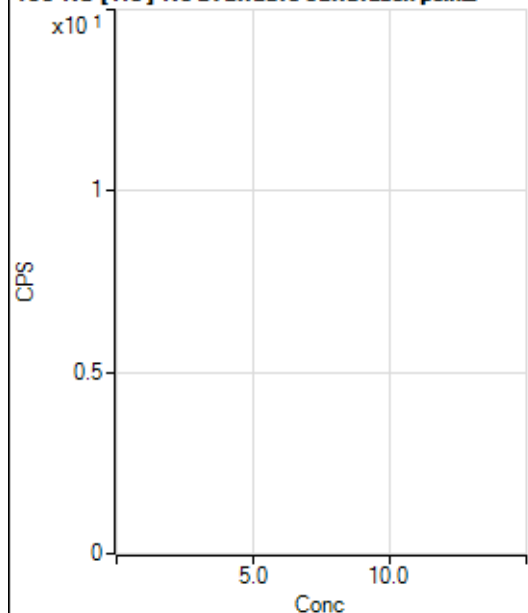
$$DL = 0.02266$$

Weight: <None>

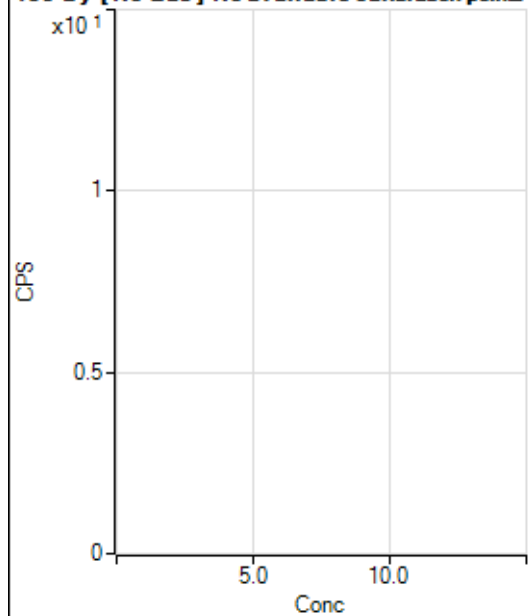
Min Conc: 0



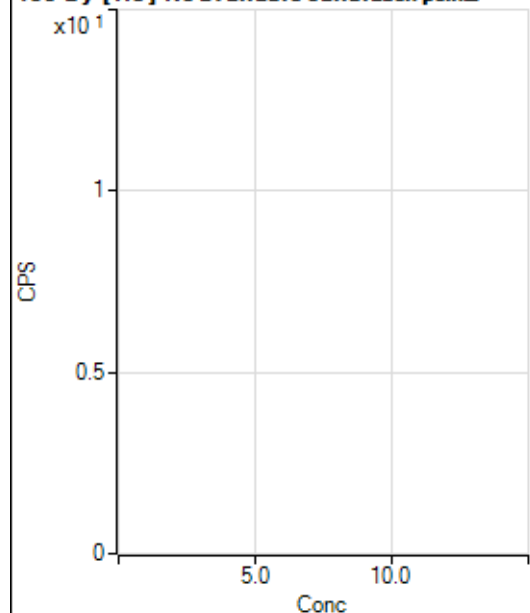
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			15.56		P	65.5
2	☐			15.56		P	49.5
3	☐			22.22		P	45.8
4	☐			44.44		P	22.9
5	☐			93.34		P	24.7
6	☐			113.34		P	11.8
7	☐			291.12		P	13.0
8	☐			44.44		P	87.9

150 Nd [He] No available calibration points

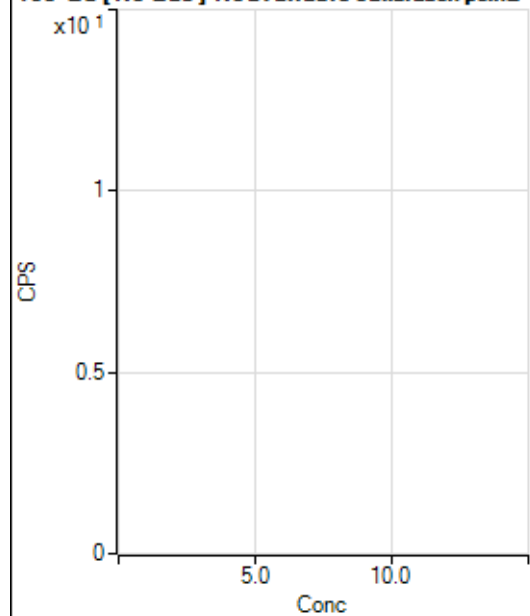
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐			0.00		P	
3	☐			4.44		P	114.6
4	☐			5.56		P	91.6
5	☐			10.00		P	33.3
6	☐			21.11		P	39.7
7	☐			36.67		P	24.1
8	☐			20.00		P	0.0

156 Dy [No Gas] No available calibration points

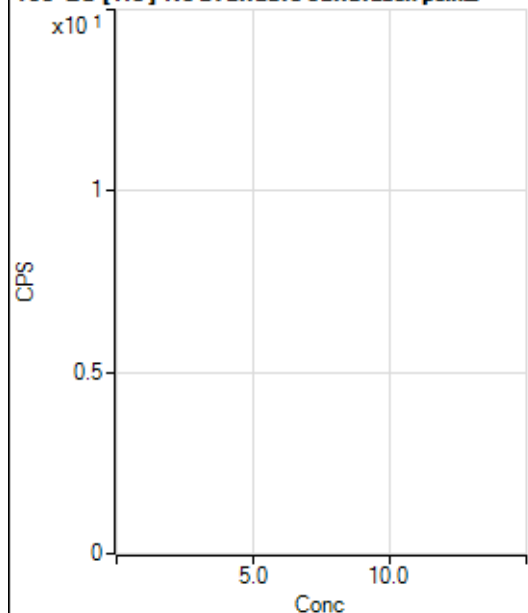
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.56		P	173.2
2	☐			13.89		P	34.7
3	☐			25.00		P	88.2
4	☐			55.56		P	31.2
5	☐			66.67		P	12.5
6	☐			86.11		P	27.9
7	☐			241.68		P	6.9
8	☐			822.27		P	2.1

156 Dy [He] No available calibration points

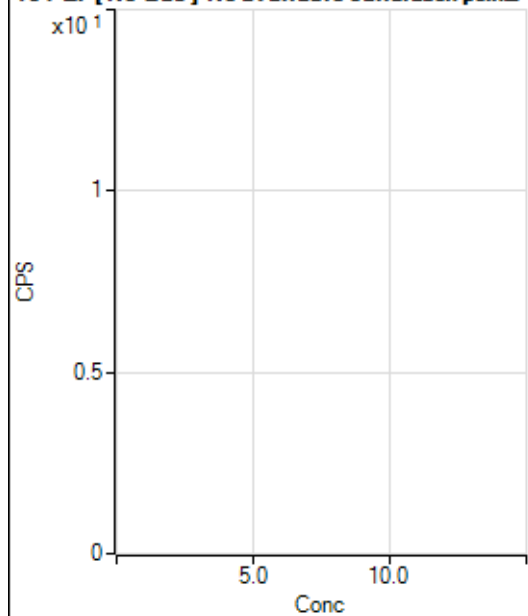
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐			0.00		P	
3	☐			8.89		P	43.3
4	☐			10.00		P	0.0
5	☐			28.89		P	48.0
6	☐			48.89		P	3.9
7	☐			104.45		P	27.1
8	☐			344.45		P	11.0

160 Gd [No Gas] Noavailable calibration poin_

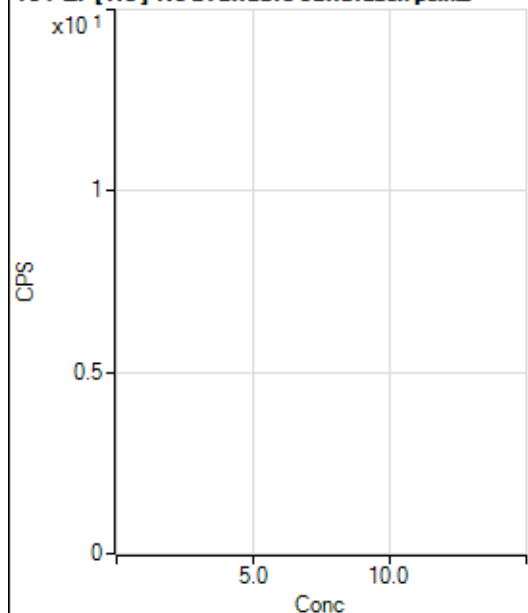
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐			30.56		P	56.8
3	☐			52.78		P	39.7
4	☐			38.89		P	24.7
5	☐			58.34		P	14.3
6	☐			122.23		P	15.7
7	☐			219.45		P	24.4
8	☐			702.82		P	9.7

160 Gd [He] No available calibration points

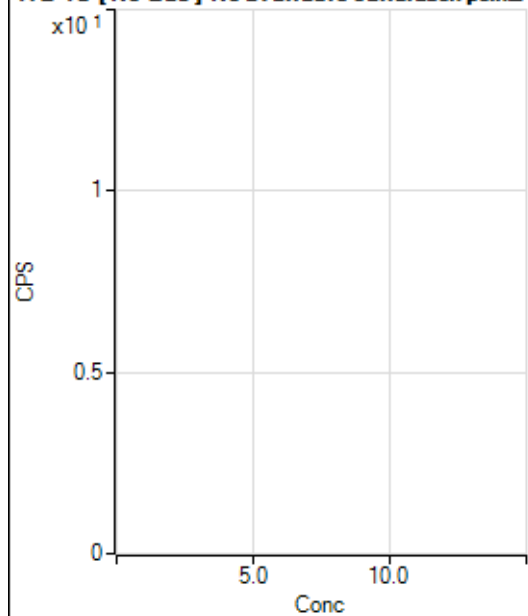
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	34.6
2	☐			38.89		P	48.7
3	☐			37.78		P	36.7
4	☐			48.89		P	27.6
5	☐			46.66		P	12.4
6	☐			82.22		P	20.0
7	☐			130.00		P	16.0
8	☐			404.45		P	13.3

164 Er [No Gas] No available calibration points

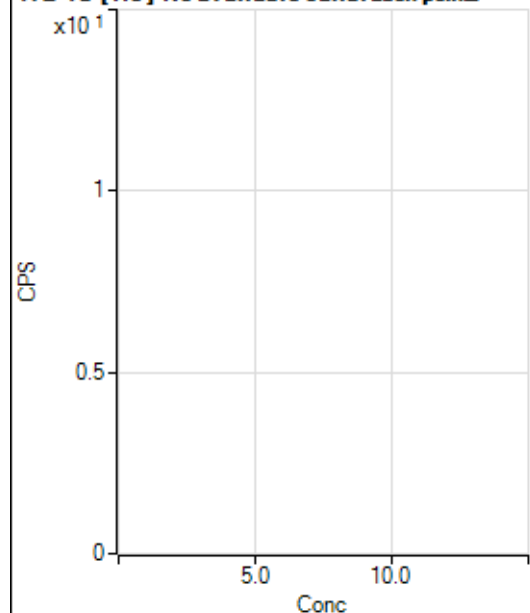
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	35.3
2	☐			41.67		P	40.0
3	☐			55.56		P	48.2
4	☐			41.67		P	20.0
5	☐			66.67		P	33.1
6	☐			94.45		P	18.4
7	☐			111.12		P	22.9
8	☐			130.56		P	9.8

164 Er [He] No available calibration points

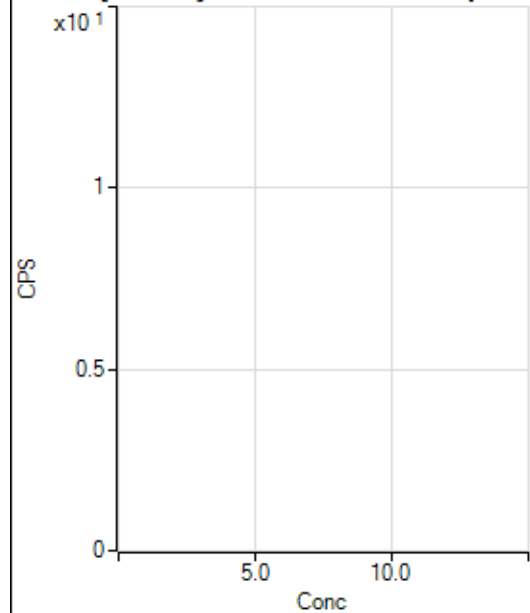
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	57.7
2	☐			12.22		P	41.7
3	☐			12.22		P	31.5
4	☐			15.55		P	24.8
5	☐			22.22		P	22.9
6	☐			24.45		P	15.8
7	☐			51.11		P	15.1
8	☐			58.89		P	3.3

172 Yb [No Gas] No available calibration points

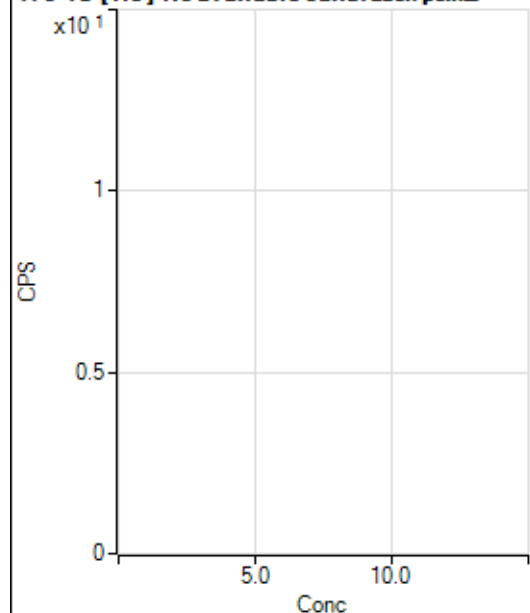
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.55		P	68.6
2	☐			8.33		P	100.0
3	☐			30.55		P	15.7
4	☐			19.44		P	65.5
5	☐			38.89		P	24.7
6	☐			27.78		P	62.5
7	☐			66.67		P	33.1
8	☐			50.00		P	60.1

172 Yb [He] No available calibration points

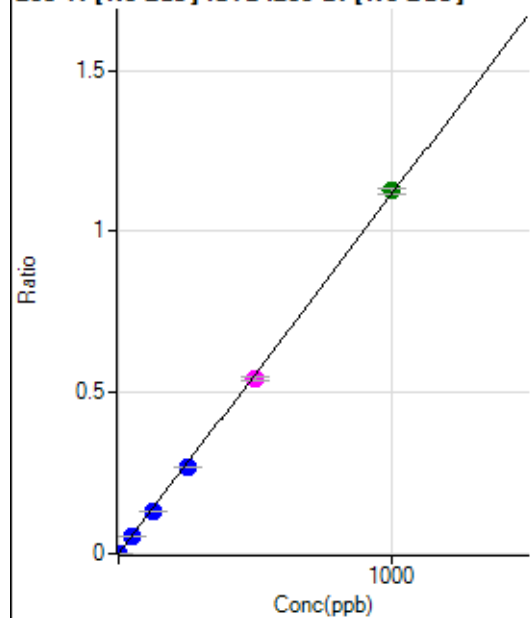
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	43.2
2	☐			5.56		P	100.0
3	☐			16.67		P	33.3
4	☐			7.41		P	86.6
5	☐			14.82		P	78.1
6	☐			24.07		P	13.3
7	☐			46.30		P	38.6
8	☐			35.19		P	48.2

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			538.91		P	21.0
2	☐			516.69		P	4.3
3	☐			1172.31		P	17.2
4	☐			2200.25		P	3.7
5	☐			3950.68		P	1.1
6	☐			7671.90		P	3.0
7	☐			14335.98		P	2.5
8	☐			513.91		P	16.2

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3085.60		P	4.4
2	☐			3105.98		P	3.8
3	☐			3528.32		P	5.1
4	☐			4065.53		P	5.3
5	☐			4673.14		P	3.2
6	☐			6759.25		P	1.7
7	☐			10091.08		P	4.7
8	☐			3102.28		P	11.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	261.12	0.0001	P	20.2
2	☐	1.000	0.890	3092.12	0.0011	P	9.1
3	☐	50.000	47.239	151434.50	0.0528	P	0.7
4	☐	125.000	116.479	381756.76	0.1299	P	1.3
5	☐	250.000	241.068	784815.64	0.2688	P	0.4
6	☐	500.000	486.506	1652899.78	0.5424	M	2.3
7	☐	1000.000	1010.183	3282767.69	1.1262	A	1.3
8	☐			1452.91	0.0005	P	12.6

$$y = 0.0011 * x + 9.1866E-005$$

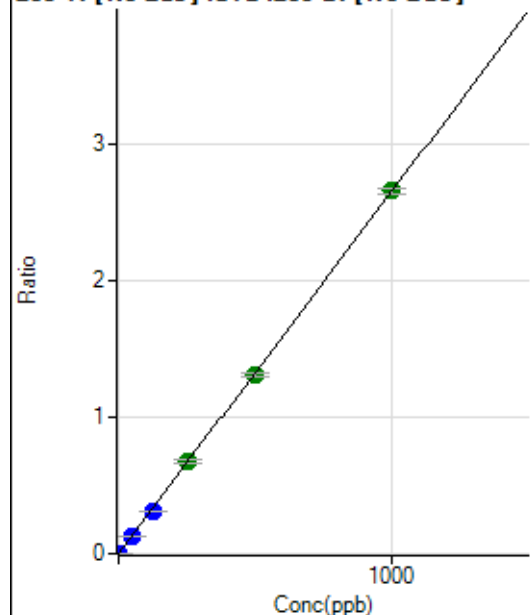
$$R = 0.9998$$

$$DL = 0.04999$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	550.03	0.0002	P	14.8
2	☐	1.000	0.903	7366.18	0.0026	P	2.9
3	☐	50.000	47.774	363331.66	0.1266	P	2.5
4	☐	125.000	116.880	909032.35	0.3094	P	1.5
5	☐	250.000	255.166	1971001.04	0.6752	A	2.9
6	☐	500.000	494.868	3989626.18	1.3093	A	1.6
7	☐	1000.000	1002.401	7729538.71	2.6519	A	1.3
8	☐			3414.47	0.0012	P	12.2

$$y = 0.0026 * x + 1.9321E-004$$

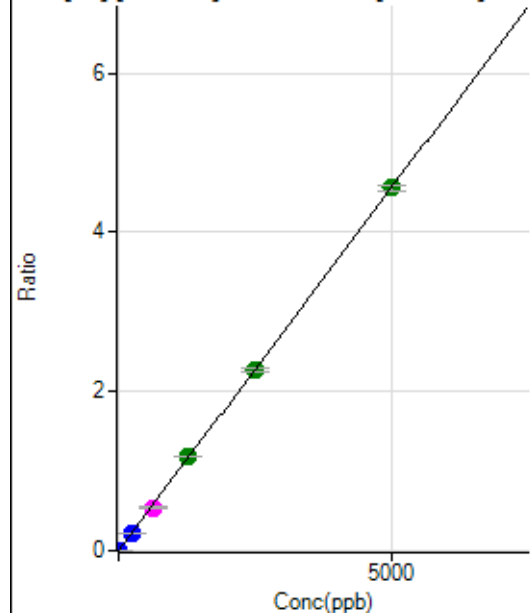
$$R = 0.9999$$

$$DL = 0.03244$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	537.06	0.0002	P	6.5
2	☐	1.000	0.858	2768.86	0.0010	P	3.6
3	☐	250.000	234.633	614928.70	0.2142	P	1.8
4	☐	625.000	594.381	1594578.74	0.5424	M	2.9
5	☐	1250.000	1296.358	3452971.55	1.1827	A	1.2
6	☐	2500.000	2490.399	6923158.49	2.2719	A	1.9
7	☐	5000.000	4997.807	13292041.96	4.5590	A	1.9
8	☐			7359.67	0.0026	P	10.3

$$y = 9.1217E-004 * x + 1.8791E-004$$

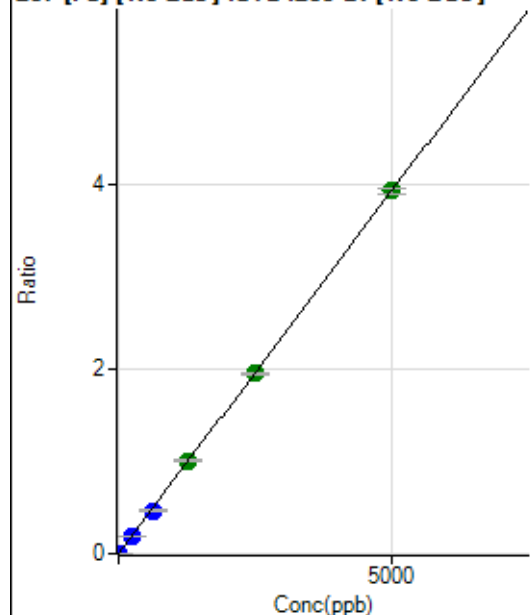
$$R = 0.9999$$

$$DL = 0.04029$$

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	490.76	0.0002	P	13.1
2	☐	1.000	0.892	2491.03	0.0009	P	3.8
3	☐	250.000	237.062	534763.36	0.1863	P	2.2
4	☐	625.000	588.151	1356618.49	0.4619	P	3.7
5	☐	1250.000	1279.168	2932824.43	1.0045	A	2.2
6	☐	2500.000	2488.125	5953174.73	1.9536	A	0.8
7	☐	5000.000	5003.898	11450958.24	3.9288	A	1.4
8	☐			6196.07	0.0022	P	10.5

$$y = 7.8511\text{E-}004 * x + 1.7239\text{E-}004$$

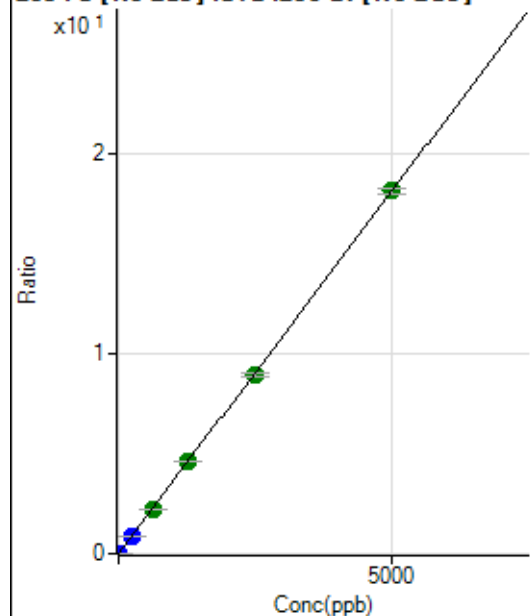
$$R = 0.9999$$

$$DL = 0.08656$$

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	2081.59	0.0007	P	6.1
2	☐	1.000	0.900	11387.39	0.0040	P	2.7
3	☐	250.000	233.367	2430205.79	0.8466	P	1.9
4	☐	625.000	611.882	6518573.61	2.2185	A	1.0
5	☐	1250.000	1277.450	13520212.05	4.6309	A	0.7
6	☐	2500.000	2472.200	27308322.89	8.9614	A	1.4
7	☐	5000.000	5009.509	52930581.63	18.1580	A	1.3
8	☐			29717.20	0.0105	P	11.3

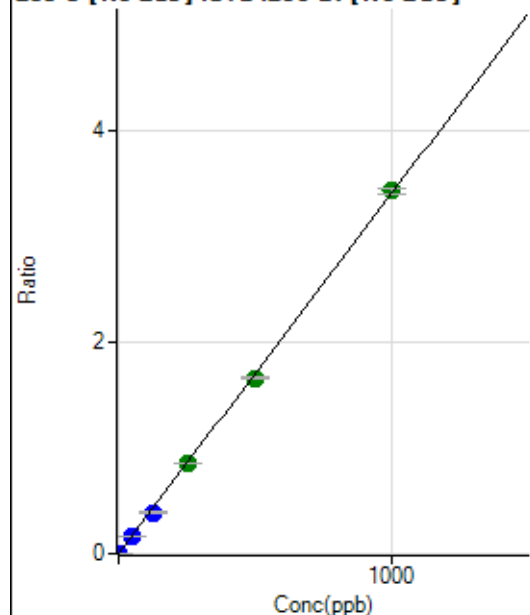
$$y = 0.0036 * x + 7.2946\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03685$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	4.3
2	☐	1.000	0.912	8908.91	0.0031	P	5.4
3	☐	50.000	45.999	450486.41	0.1569	P	1.8
4	☐	125.000	114.717	1149808.83	0.3914	P	1.4
5	☐	250.000	251.428	2504037.03	0.8577	A	1.2
6	☐	500.000	488.156	5074533.10	1.6653	A	1.2
7	☐	1000.000	1007.051	10012273.75	3.4355	A	1.9
8	☐			3392.54	0.0012	P	11.4

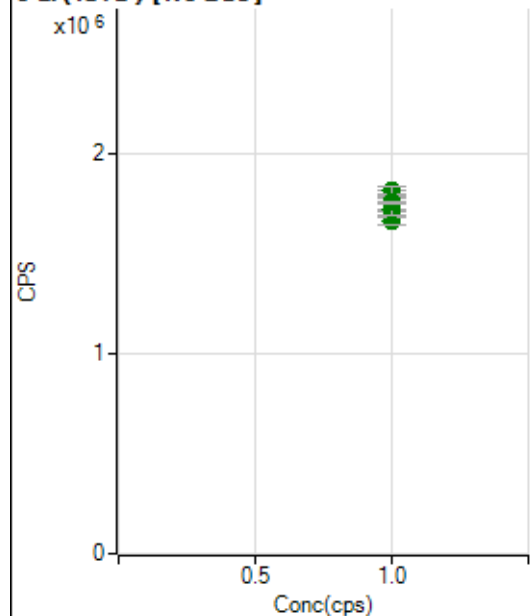
$$y = 0.0034 * x + 8.7591E-006$$

$$R = 0.9999$$

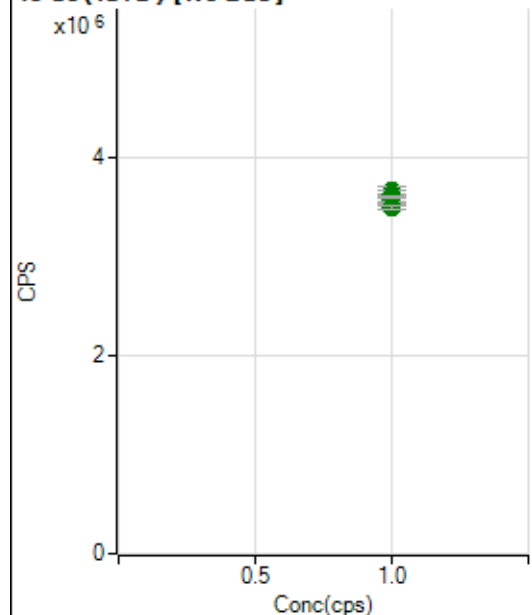
$$DL = 0.0003334$$

Weight: <None>

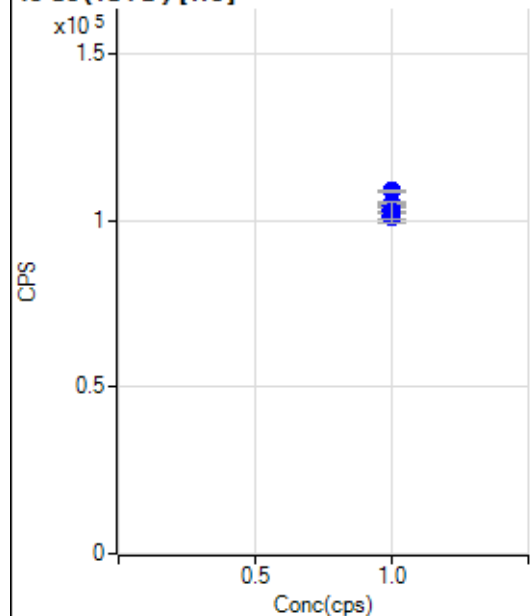
Min Conc: 0

6 Li (ISTD) [No Gas]

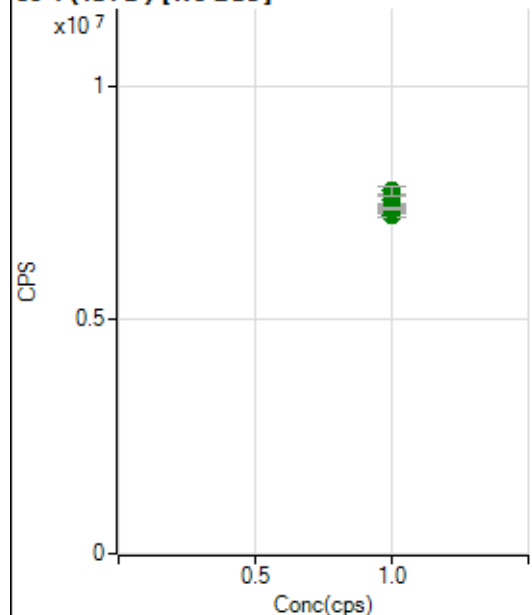
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1659580.11		A	2.3
2	☐	1.000		1691645.58		A	1.8
3	☐	1.000		1759671.70		A	1.7
4	☐	1.000		1759118.74		A	4.3
5	☐	1.000		1717555.32		A	2.9
6	☐	1.000		1797513.84		A	1.7
7	☐	1.000		1810447.85		A	2.3
8	☐	1.000		1752455.23		A	0.9

45 Sc (ISTD) [No Gas]

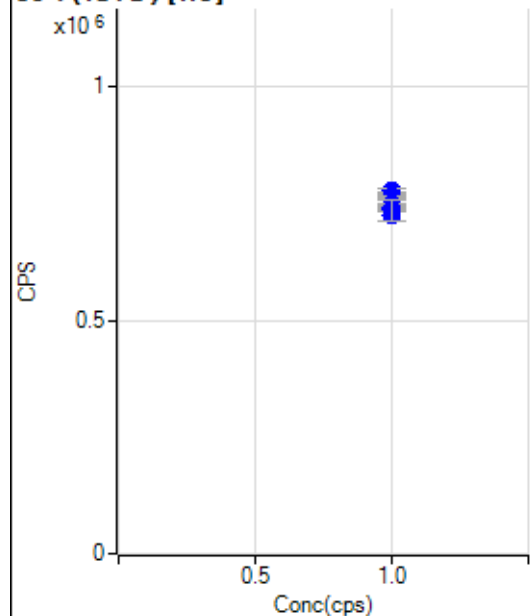
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3525594.15		A	0.6
2	☐	1.000		3574799.87		A	0.7
3	☐	1.000		3622321.47		A	0.8
4	☐	1.000		3666703.83		A	2.5
5	☐	1.000		3579164.70		A	0.8
6	☐	1.000		3639733.80		A	1.5
7	☐	1.000		3607538.21		A	0.8
8	☐	1.000		3499559.84		A	1.1

45 Sc (ISTD) [He]

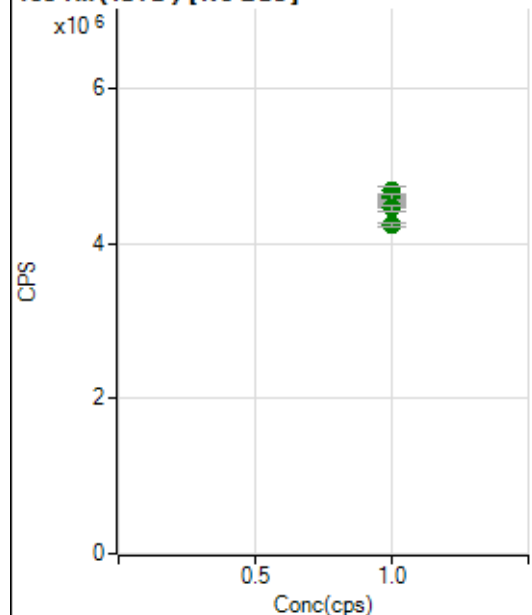
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		104792.15		P	1.3
2	☐	1.000		108788.34		P	0.7
3	☐	1.000		104935.50		P	1.6
4	☐	1.000		103143.85		P	0.9
5	☐	1.000		101144.45		P	1.3
6	☐	1.000		101606.06		P	4.5
7	☐	1.000		104190.92		P	1.2
8	☐	1.000		102828.70		P	5.2

89 Y (ISTD) [No Gas]

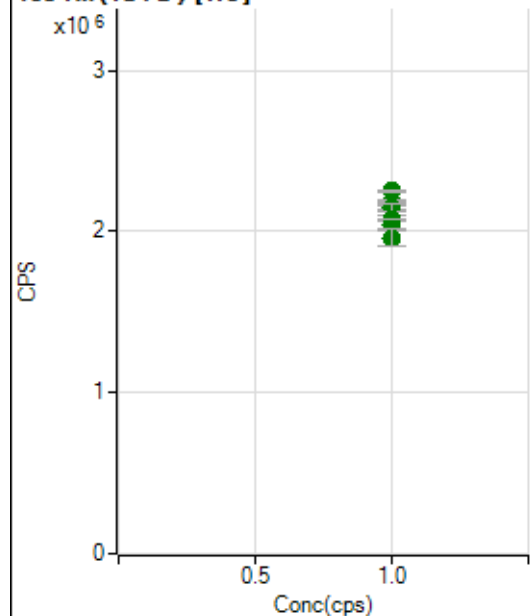
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7223995.45		A	1.4
2	☐	1.000		7358356.63		A	0.5
3	☐	1.000		7456742.60		A	0.3
4	☐	1.000		7581454.75		A	2.4
5	☐	1.000		7372172.05		A	2.1
6	☐	1.000		7753254.81		A	2.4
7	☐	1.000		7394704.47		A	0.7
8	☐	1.000		7371097.53		A	0.6

89 Y (ISTD) [He]

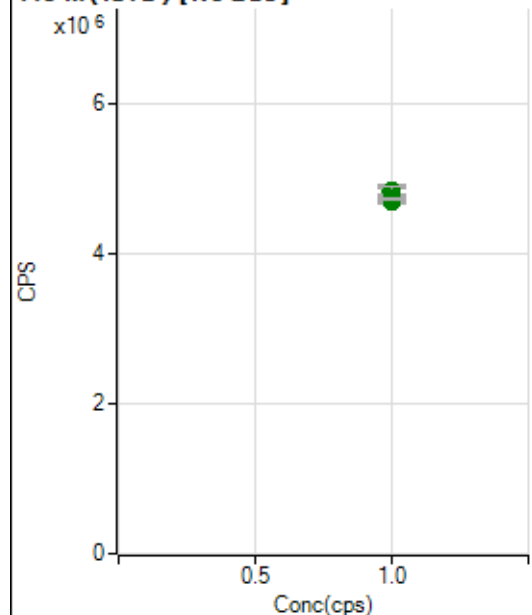
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		767504.46		P	1.2
2	☐	1.000		777010.87		P	1.0
3	☐	1.000		764508.46		P	0.7
4	☐	1.000		744622.71		P	0.6
5	☐	1.000		739571.45		P	1.5
6	☐	1.000		724435.66		P	3.5
7	☐	1.000		748189.70		P	0.3
8	☐	1.000		735535.22		P	6.1

103 Rh (ISTD) [No Gas]

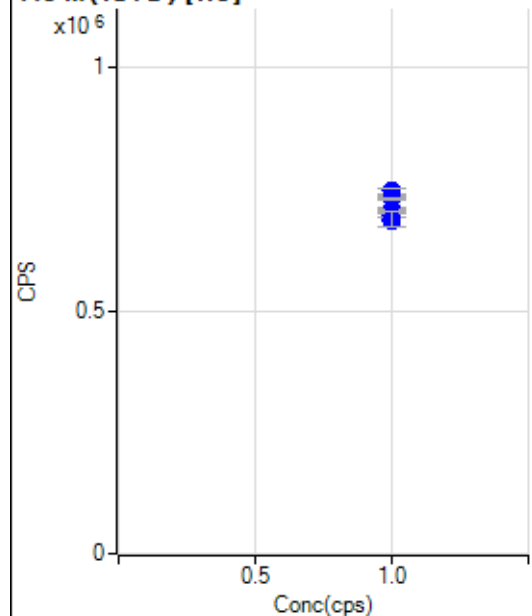
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4487752.53		A	1.0
2	☐	1.000		4611248.32		A	0.9
3	☐	1.000		4580959.09		A	1.6
4	☐	1.000		4685473.54		A	2.7
5	☐	1.000		4588826.71		A	1.6
6	☐	1.000		4615812.52		A	1.7
7	☐	1.000		4462957.52		A	1.9
8	☐	1.000		4254179.74		A	1.1

103 Rh (ISTD) [He]

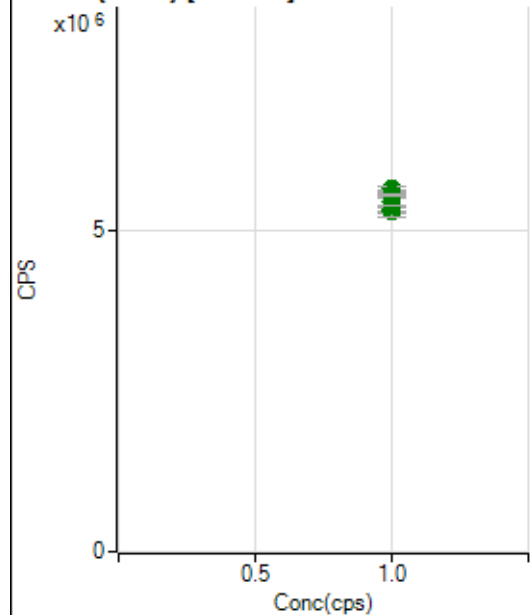
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2149308.01		A	0.9
2	☐	1.000		2251868.79		A	0.8
3	☐	1.000		2189805.09		A	0.1
4	☐	1.000		2143937.50		A	2.3
5	☐	1.000		2080343.09		A	1.5
6	☐	1.000		2041073.32		A	3.7
7	☐	1.000		2075645.45		A	0.4
8	☐	1.000		1962473.90		A	5.2

115 In (ISTD) [No Gas]

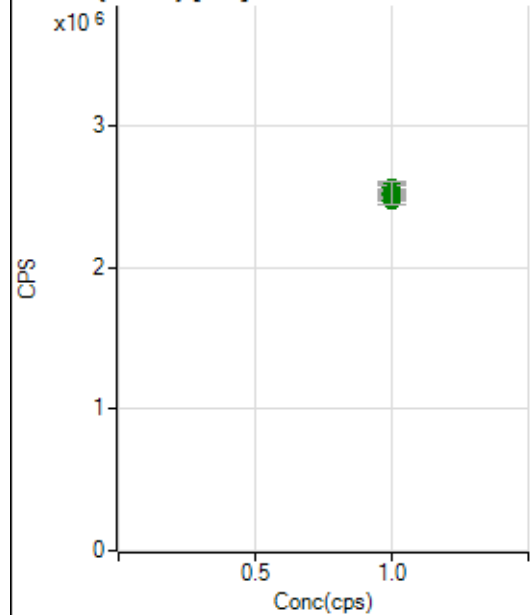
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4684695.60		A	0.7
2	☐	1.000		4763786.63		A	1.2
3	☐	1.000		4780281.96		A	0.9
4	☐	1.000		4820967.30		A	3.9
5	☐	1.000		4836467.16		A	1.6
6	☐	1.000		4836757.26		A	3.0
7	☐	1.000		4711232.33		A	1.1
8	☐	1.000		4735367.49		A	0.4

115 In (ISTD) [He]

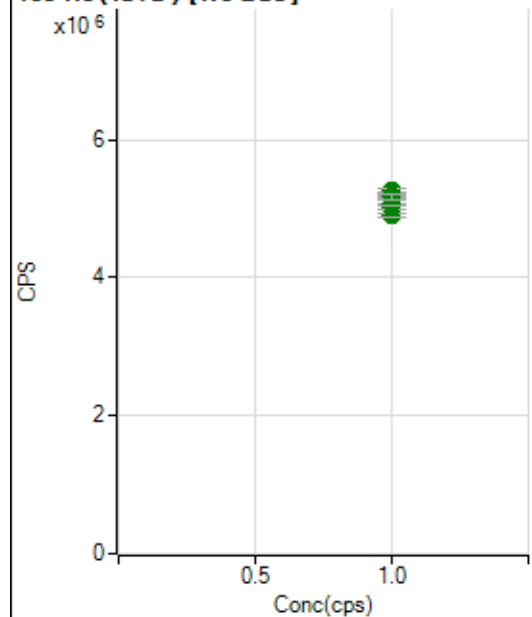
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		733170.93		P	1.0
2	☐	1.000		747084.74		P	1.4
3	☐	1.000		730666.99		P	0.3
4	☐	1.000		709746.34		P	1.0
5	☐	1.000		705470.71		P	1.4
6	☐	1.000		686772.69		P	3.9
7	☐	1.000		696578.20		P	1.0
8	☐	1.000		689045.47		P	5.0

159 Tb (ISTD) [No Gas]

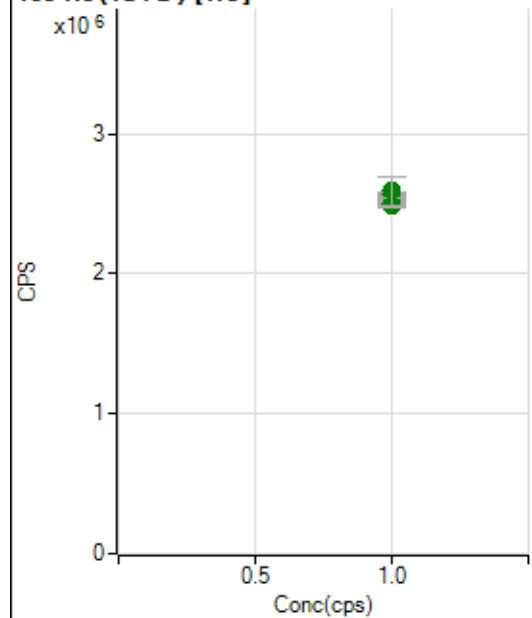
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5323782.91		A	0.9
2	☐	1.000		5298850.83		A	2.0
3	☐	1.000		5286037.07		A	3.0
4	☐	1.000		5447089.64		A	2.2
5	☐	1.000		5375756.66		A	0.3
6	☐	1.000		5637595.40		A	1.2
7	☐	1.000		5550027.56		A	1.7
8	☐	1.000		5553648.18		A	0.5

159 Tb (ISTD) [He]

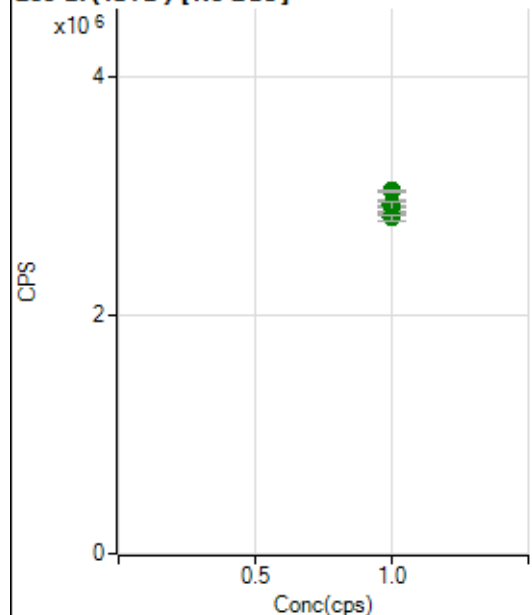
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2527687.50		A	1.5
2	☐	1.000		2535722.98		A	4.4
3	☐	1.000		2532900.52		A	1.1
4	☐	1.000		2482078.28		A	1.4
5	☐	1.000		2505777.10		A	1.9
6	☐	1.000		2471662.41		A	2.4
7	☐	1.000		2560224.74		A	1.3
8	☐	1.000		2525856.56		A	6.6

165 Ho (ISTD) [No Gas]

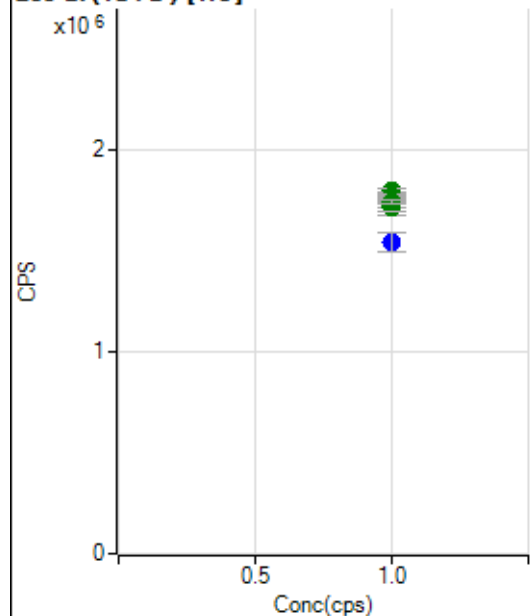
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4905541.17		A	0.7
2	☐	1.000		5013543.47		A	0.7
3	☐	1.000		5161501.81		A	0.7
4	☐	1.000		5135648.20		A	2.1
5	☐	1.000		5081011.01		A	1.9
6	☐	1.000		5255202.72		A	1.2
7	☐	1.000		5188693.82		A	1.6
8	☐	1.000		5168489.70		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2538799.46		A	3.3
2	☐	1.000		2559001.26		A	0.5
3	☐	1.000		2535548.47		A	0.3
4	☐	1.000		2491838.47		A	1.7
5	☐	1.000		2502967.91		A	0.5
6	☐	1.000		2504051.23		A	2.6
7	☐	1.000		2566666.98		A	1.5
8	☐	1.000		2591371.33		A	7.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2857827.87		A	4.4
2	☐	1.000		2853506.62		A	0.4
3	☐	1.000		2870855.44		A	0.7
4	☐	1.000		2938696.21		A	2.6
5	☐	1.000		2919521.73		A	0.8
6	☐	1.000		3047219.75		A	0.5
7	☐	1.000		2915365.30		A	2.7
8	☐	1.000		2820723.74		A	1.6

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1766343.79		A	1.5
2	☐	1.000		1800550.62		A	1.1
3	☐	1.000		1775092.25		A	1.2
4	☐	1.000		1723764.97		M	5.7
5	☐	1.000		1731701.92		A	1.6
6	☐	1.000		1722462.27		A	3.3
7	☐	1.000		1744443.46		A	0.8
8	☐	1.000		1543000.52		P	6.3

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8010722MS.b
Acq. Date-Time 2022-01-07 16:13:21
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		4595	45946.24			0.880	5.000
24		49587	495869.23			0.854	5.000
25		6551	65507.92			0.796	5.000
26		7822	78220.93			1.181	5.000
59		11821	118205.89			1.161	5.000
113		5066	50663.07			0.595	5.000
115		16529	165285.14			0.961	5.000
206		6137	61369.35			1.082	5.000
207		5103	51033.23			0.590	5.000
208		12631	126314.41			0.715	5.000
220		1	10.90			26.231	

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

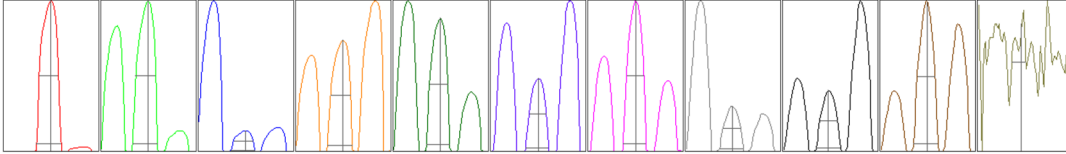
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	4656	4544	4584	4602	4587
24	49621	48853	49865	49872	49724
25	6581	6462	6553	6564	6594
26	7884	7670	7864	7892	7800
59	11887	11604	11876	11777	11959
113	5096	5025	5059	5056	5095
115	16568	16316	16757	16483	16519
206	6107	6045	6224	6147	6161
207	5102	5073	5138	5129	5075
208	12607	12505	12715	12723	12607

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	8068.68	9.00	8.90 - 9.10	
24	84163.95	24.00	23.90 - 24.10	
25	11213.28	25.00	24.90 - 25.10	
26	13015.21	26.00	25.90 - 26.10	
59	21589.76	59.00	58.90 - 59.10	
113	9833.24	113.05	112.90 - 113.10	
115	32102.43	115.05	114.90 - 115.10	
206	11713.76	206.00	205.90 - 206.10	
207	9749.39	206.95	206.90 - 207.10	
208	24031.28	208.00	207.90 - 208.10	
220	1.40	219.90	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.777	0.900	
24	0.63	0.784	0.900	
25	0.62	0.751	0.900	
26	0.64	0.786	0.900	
59	0.58	0.737	0.900	
113	0.53	0.726	0.900	
115	0.54	0.724	0.900	
206	0.56	0.765	0.900	
207	0.56	0.776	0.900	
208	0.56	0.778	0.900	
220	0.46			

Integration Time [sec] 0.1

Acquisition Time [sec] 256.770000000002

Y Axis Linear

Tune Parameters

Plasma Parameters

Plasma Mode --- Nebulizer Gas 0.73 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	10.0 V	Deflect	15.8 V
Extract 2	-180.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-85 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	170 V		

QP Parameters

Mass Gain	124	Axis Gain	0.9993	QP Bias	-4.0 V
Mass Offset	125	Axis Offset	0.01		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.9 mm
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EM

Discriminator	4.1 mV	Analog HV	2300 V	Pulse HV	1606 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2604	26042.83			1.243	
89		10106	101062.90			1.540	
205		12719	127190.97			1.451	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2612	2595	2602	2651	2561
89	10111	10013	10126	10347	9934
205	12808	12565	12703	12984	12535

Integration Time [sec] 0.1

Tune Parameters

Plasma Parameters

Plasma Mode	---	Nebulizer Gas	0.75 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	10.0 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-180.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-85 V	Cell Exit	-70 V		
Cell Parameters					
Use Gas	Yes	3rd Gas Flow	---	Energy Discrimination	5.0 V
He Flow	4.5 mL/min	OctP Bias	-18.0 V		
H2 Flow	---	OctP RF	200 V		
QP Parameters					
Mass Gain	124	Axis Gain	0.9993	QP Bias	-13.0 V
Mass Offset	125	Axis Offset	0.01		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.9 mm		
EM					
Discriminator	4.1 mV	Analog HV	2300 V	Pulse HV	1606 V

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.61	-0.42	-0.18	0.00	N/A	ppb
Antimony	121-1	0.01	0.01	-0.01	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	-0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	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	0.18	-0.23	0.06	0.00	N/A	ppb
Boron	11-1	-0.03	0.00	0.02	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	0.07	-0.02	-0.05	0.00	N/A	ppb
Cadmium	106-1	0.89	-0.14	-0.76	0.00	N/A	ppb
Cadmium	108-1	-0.14	0.10	0.03	0.00	N/A	ppb
Calcium	43-1	0.24	0.85	-1.10	0.00	N/A	ppb
Calcium	44-1	-0.17	0.71	-0.55	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.07	0.01	0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.56	0.29	-0.86	0.00	N/A	ppb
Iron	56-2	0.12	0.04	-0.16	0.00	N/A	ppb
Iron	57-2	-0.23	-0.51	0.73	0.00	N/A	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.03	0.02	0.00	N/A	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.31	-0.51	0.82	0.00	N/A	ppb
Manganese	55-2	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.01	0.02	-0.02	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	-5.84	8.77	-33.96	-10.34		ppb
Potassium	39-2	2.18	7.88	-10.06	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	0.32	-0.75	0.43	0.00	N/A	ppb
Selenium	77-2	-0.95	-0.95	1.91	0.00	N/A	ppb
Selenium	78-2	-2.01	0.13	1.88	0.00	N/A	ppb
Silicon	28-1	-0.12	0.05	0.07	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	-0.11	0.56	-0.46	0.00	N/A	ppb
Strontium	86-1	0.00	0.08	-0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	247.41	367.19	0.27	204.96	91.29	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	0.02	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.00	0.00	N/A	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.03	0.02	0.01	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	0.05	-0.13	0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	-0.01	-0.02	0.03	0.00	N/A	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:50:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.52	15.09	16.68	16.43	7.50	ppb
Antimony	121-1	1.91	1.83	1.87	1.87	2.22	ppb
Arsenic	75-2	0.97	0.87	0.96	0.93	6.13	ppb
Barium	135-1	8.63	9.41	9.53	9.19	5.30	ppb
Barium	137-1	9.52	9.72	9.38	9.54	1.78	ppb
Beryllium	9-1	1.00	1.02	1.03	1.02	1.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				102		%
Boron	10-1	8.96	10.18	11.04	10.06	10.38	ppb
Boron	11-1	8.89	10.28	10.34	9.84	8.36	ppb
Bromine	81-1						cps
Cadmium	111-1	0.93	1.06	1.15	1.05	10.60	ppb
Cadmium	106-1	0.87	1.80	1.76	1.48	35.72	ppb
Cadmium	108-1	0.99	0.98	1.16	1.04	9.66	ppb
Calcium	43-1	419.51	433.46	443.95	432.30	2.84	ppb
Calcium	44-1	434.50	431.40	435.68	433.86	0.51	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.81	1.79	1.65	1.75	5.01	ppb
Cobalt	59-2	0.89	0.89	0.90	0.89	1.06	ppb
Copper	63-2	1.73	1.77	1.76	1.75	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	54-2	41.60	39.99	43.47	41.69	4.18	ppb
Iron	56-2	45.15	43.28	44.21	44.21	2.12	ppb
Iron	57-2	36.51	39.83	46.22	40.85	12.08	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:50:30	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.88	0.81	0.88	0.86	4.48	ppb
Lead	207-1	0.90	0.93	0.85	0.89	4.78	ppb
Lead	208-1	0.87	0.92	0.91	0.90	3.25	ppb
Lithium	6-1				102		%
Magnesium	24-2	426.12	427.60	417.14	423.62	1.34	ppb
Manganese	55-2	1.00	0.91	0.95	0.95	5.00	ppb
Molybdenum	94-1	6.02	5.92	5.57	5.84	4.06	ppb
Molybdenum	95-1	4.56	4.72	4.92	4.73	3.86	ppb
Molybdenum	96-1	5.14	4.87	4.89	4.97	3.01	ppb
Molybdenum	97-1	5.05	4.65	4.81	4.84	4.16	ppb
Molybdenum	98-1	4.65	4.73	4.96	4.78	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.05	0.95	0.96	0.98	5.45	ppb
Phosphorus	31-2	43.75	27.60	-40.33	10.34	431.47	ppb
Potassium	39-2	408.76	405.50	416.97	410.41	1.44	ppb
Rhodium	103-1				103		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	82-1	4.82	4.77	4.97	4.85	2.20	ppb
Selenium	77-2	7.54	1.91	3.38	4.28	68.32	ppb
Selenium	78-2	3.17	6.40	4.76	4.78	33.87	ppb
Silicon	28-1	0.80	0.61	0.86	0.75	17.67	ppb
Silver	107-1	0.92	0.96	0.98	0.95	3.25	ppb
Silver	109-1	0.90	1.01	1.00	0.97	6.28	ppb
Sodium	23-2	410.16	407.29	418.82	412.09	1.46	ppb
Strontium	86-1	1.03	0.97	0.74	0.91	16.80	ppb
Strontium	88-1	0.93	0.94	0.97	0.95	2.26	ppb
Sulfur	34-1	-118.13	-104.81	-391.93	-204.96		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.85	0.99	0.82	0.89	9.97	ppb
Thallium	205-1	0.91	0.92	0.87	0.90	3.12	ppb
Tin	118-1	4.64	5.03	4.90	4.86	4.12	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:50:30	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.81	4.94	5.18	4.98	3.75	ppb
Uranium	238-1	0.97	0.87	0.89	0.91	5.41	ppb
Vanadium	51-2	4.93	4.35	4.54	4.61	6.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.29	1.39	1.83	1.84	24.37	ppb
Zirconium	90-1	0.91	0.93	0.96	0.94	2.76	ppb
Zirconium	91-1	0.87	0.81	0.89	0.85	4.90	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:53:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	994.17	958.90	966.11	973.06	1.92	ppb
Antimony	121-1	48.50	52.07	50.83	50.47	3.60	ppb
Arsenic	75-2	50.55	50.08	50.02	50.22	0.58	ppb
Barium	135-1	238.92	260.83	248.99	249.58	4.39	ppb
Barium	137-1	239.32	258.01	259.43	252.25	4.45	ppb
Beryllium	9-1	48.50	48.20	50.27	48.99	2.29	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	38.56	43.37	47.55	43.16	10.43	ppb
Boron	11-1	38.96	43.17	47.87	43.33	10.28	ppb
Bromine	81-1						cps
Cadmium	111-1	51.86	53.23	53.74	52.94	1.83	ppb
Cadmium	106-1	56.83	51.90	53.61	54.12	4.63	ppb
Cadmium	108-1	49.65	57.40	55.57	54.21	7.47	ppb
Calcium	43-1	4776.90	4824.90	4748.46	4783.42	0.81	ppb
Calcium	44-1	4966.97	4961.39	4993.73	4974.03	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	52.44	49.58	50.06	50.69	3.02	ppb
Cobalt	59-2	51.12	48.41	47.91	49.15	3.52	ppb
Copper	63-2	509.35	494.00	487.19	496.85	2.28	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				105		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	2498.66	2427.06	2445.72	2457.14	1.51	ppb
Iron	56-2	2648.87	2566.28	2601.37	2605.51	1.59	ppb
Iron	57-2	2480.98	2401.82	2427.68	2436.83	1.66	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	230.19	238.38	235.33	234.63	1.76	ppb
Lead	207-1	231.36	238.09	241.74	237.06	2.22	ppb
Lead	208-1	228.21	236.57	235.33	233.37	1.93	ppb
Lithium	6-1				106		%
Magnesium	24-2	4979.60	4669.24	4695.66	4781.50	3.60	ppb
Manganese	55-2	493.98	473.70	485.67	484.45	2.10	ppb
Molybdenum	94-1	535.53	530.26	552.95	539.58	2.20	ppb
Molybdenum	95-1	539.49	540.92	556.00	545.47	1.68	ppb
Molybdenum	96-1	542.97	567.61	543.28	551.29	2.56	ppb
Molybdenum	97-1	530.95	540.86	541.19	537.67	1.08	ppb
Molybdenum	98-1	538.54	543.80	570.78	551.04	3.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.34	50.79	50.07	51.73	4.42	ppb
Phosphorus	31-2	1047.79	895.33	945.67	962.93	8.07	ppb
Potassium	39-2	2497.78	2370.69	2364.40	2410.96	3.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	82-1	49.41	51.42	53.03	51.29	3.53	ppb
Selenium	77-2	65.71	51.76	39.52	52.33	25.05	ppb
Selenium	78-2	54.19	51.61	48.71	51.50	5.32	ppb
Silicon	28-1	51.35	52.85	51.69	51.96	1.52	ppb
Silver	107-1	49.46	53.83	51.68	51.66	4.23	ppb
Silver	109-1	49.82	53.42	52.48	51.90	3.60	ppb
Sodium	23-2	4735.70	4517.83	4610.87	4621.46	2.37	ppb
Strontium	86-1	486.54	488.79	494.57	489.97	0.85	ppb
Strontium	88-1	493.83	494.86	512.03	500.24	2.04	ppb
Sulfur	34-1	600.19	823.51	534.40	652.70	23.22	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	46.90	47.23	47.59	47.24	0.72	ppb
Thallium	205-1	46.54	48.93	47.86	47.77	2.50	ppb
Tin	118-1	49.33	53.79	52.83	51.98	4.52	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:53:35	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	543.21	541.13	547.72	544.02	0.62	ppb
Uranium	238-1	45.03	46.43	46.53	46.00	1.82	ppb
Vanadium	51-2	51.87	50.01	50.29	50.72	1.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				100		%
Zinc	66-2	501.55	484.08	493.96	493.20	1.78	ppb
Zirconium	90-1	48.39	48.91	49.82	49.04	1.48	ppb
Zirconium	91-1	47.05	47.69	48.08	47.61	1.09	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:56:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2431.96	2453.07	2433.54	2439.52	0.48	ppb
Antimony	121-1	124.43	125.07	119.64	123.05	2.41	ppb
Arsenic	75-2	128.75	124.88	125.12	126.25	1.72	ppb
Barium	135-1	626.61	627.63	596.72	616.99	2.85	ppb
Barium	137-1	629.01	625.08	596.18	616.75	2.91	ppb
Beryllium	9-1	125.45	126.54	117.53	123.18	3.99	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	108.85	113.57	113.31	111.91	2.37	ppb
Boron	11-1	108.98	122.12	119.17	116.75	5.90	ppb
Bromine	81-1						cps
Cadmium	111-1	128.56	131.99	124.56	128.37	2.90	ppb
Cadmium	106-1	126.89	131.77	120.34	126.33	4.54	ppb
Cadmium	108-1	130.13	131.81	124.57	128.84	2.94	ppb
Calcium	43-1	11808.33	11913.94	11509.81	11744.02	1.78	ppb
Calcium	44-1	12234.99	12039.86	11596.16	11957.00	2.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	127.81	127.31	129.30	128.14	0.81	ppb
Cobalt	59-2	122.87	123.98	121.29	122.72	1.10	ppb
Copper	63-2	1297.65	1303.81	1299.19	1300.21	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	6271.54	6220.74	6197.13	6229.80	0.61	ppb
Iron	56-2	6710.29	6468.81	6627.24	6602.11	1.86	ppb
Iron	57-2	5981.26	6000.64	6158.31	6046.74	1.61	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:56:39	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	579.78	589.74	613.62	594.38	2.93	ppb
Lead	207-1	592.21	607.63	564.61	588.15	3.71	ppb
Lead	208-1	611.40	618.08	606.16	611.88	0.98	ppb
Lithium	6-1				106		%
Magnesium	24-2	12888.15	13100.70	13014.61	13001.16	0.82	ppb
Manganese	55-2	1217.17	1199.51	1211.56	1209.41	0.75	ppb
Molybdenum	94-1	1332.90	1421.54	1321.81	1358.75	4.02	ppb
Molybdenum	95-1	1348.50	1420.85	1324.66	1364.67	3.67	ppb
Molybdenum	96-1	1363.39	1432.16	1332.71	1376.09	3.70	ppb
Molybdenum	97-1	1393.96	1419.23	1344.25	1385.81	2.75	ppb
Molybdenum	98-1	1368.25	1375.72	1325.70	1356.56	1.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.81	129.57	129.34	129.57	0.18	ppb
Phosphorus	31-2	2503.12	2648.63	2583.36	2578.37	2.83	ppb
Potassium	39-2	6023.25	5923.23	5914.25	5953.58	1.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				98		%
Selenium	82-1	124.57	126.25	119.12	123.32	3.02	ppb
Selenium	77-2	120.85	109.10	141.80	123.91	13.37	ppb
Selenium	78-2	124.28	131.09	122.52	125.96	3.59	ppb
Silicon	28-1	126.74	127.80	123.81	126.12	1.64	ppb
Silver	107-1	124.72	125.96	121.28	123.99	1.96	ppb
Silver	109-1	125.53	131.50	124.78	127.27	2.89	ppb
Sodium	23-2	12333.18	12657.79	12992.27	12661.08	2.60	ppb
Strontium	86-1	1274.16	1259.82	1234.07	1256.02	1.62	ppb
Strontium	88-1	1258.14	1232.21	1230.89	1240.41	1.24	ppb
Sulfur	34-1	2047.76	2091.12	1456.75	1865.21	19.00	ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	116.25	118.15	115.03	116.48	1.35	ppb
Thallium	205-1	115.79	118.86	115.99	116.88	1.47	ppb
Tin	118-1	124.85	126.33	124.38	125.19	0.82	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:56:39	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1357.78	1343.59	1288.73	1330.03	2.74	ppb
Uranium	238-1	114.81	116.28	113.06	114.72	1.40	ppb
Vanadium	51-2	126.06	125.62	126.39	126.03	0.31	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				97		%
Zinc	66-2	1247.21	1250.18	1243.79	1247.06	0.26	ppb
Zirconium	90-1	121.90	122.01	118.68	120.86	1.57	ppb
Zirconium	91-1	120.03	121.01	114.88	118.64	2.78	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:59:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5015.49	5077.72	4884.66	4992.62	1.97	ppb
Antimony	121-1	247.67	247.84	250.25	248.59	0.58	ppb
Arsenic	75-2	261.16	250.73	248.04	253.31	2.74	ppb
Barium	135-1	1226.47	1226.84	1260.03	1237.78	1.56	ppb
Barium	137-1	1298.18	1307.84	1320.00	1308.68	0.84	ppb
Beryllium	9-1	253.89	253.71	266.88	258.16	2.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	219.06	241.36	262.04	240.82	8.93	ppb
Boron	11-1	228.68	248.81	270.88	249.46	8.46	ppb
Bromine	81-1						cps
Cadmium	111-1	263.52	261.70	258.60	261.27	0.95	ppb
Cadmium	106-1	255.66	270.76	257.33	261.25	3.17	ppb
Cadmium	108-1	250.50	257.95	258.11	255.52	1.70	ppb
Calcium	43-1	24216.39	23987.69	23563.62	23922.57	1.38	ppb
Calcium	44-1	24367.69	24364.77	24576.25	24436.24	0.50	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	255.85	257.58	252.89	255.44	0.93	ppb
Cobalt	59-2	245.78	245.28	241.15	244.07	1.04	ppb
Copper	63-2	2661.94	2669.06	2509.43	2613.48	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	12594.44	12794.50	12375.65	12588.19	1.66	ppb
Iron	56-2	13171.66	13097.38	13071.70	13113.58	0.40	ppb
Iron	57-2	12467.37	12078.57	12223.63	12256.53	1.60	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:59:44	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1304.89	1306.27	1277.91	1296.36	1.23	ppb
Lead	207-1	1274.58	1309.08	1253.84	1279.17	2.18	ppb
Lead	208-1	1283.87	1281.35	1267.13	1277.45	0.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	25772.60	26369.35	25646.97	25929.64	1.49	ppb
Manganese	55-2	2654.09	2632.27	2630.59	2638.98	0.50	ppb
Molybdenum	94-1	2789.07	2701.02	2790.78	2760.29	1.86	ppb
Molybdenum	95-1	2822.59	2687.72	2785.58	2765.29	2.52	ppb
Molybdenum	96-1	2826.15	2707.77	2740.24	2758.06	2.22	ppb
Molybdenum	97-1	2900.49	2752.15	2724.20	2792.28	3.39	ppb
Molybdenum	98-1	2851.67	2727.41	2799.65	2792.91	2.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.18	260.43	255.19	257.93	1.02	ppb
Phosphorus	31-2	4928.95	5341.15	4651.46	4973.85	6.98	ppb
Potassium	39-2	12192.92	12188.40	11995.64	12125.65	0.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	82-1	256.05	251.93	257.83	255.27	1.19	ppb
Selenium	77-2	252.82	243.84	247.04	247.90	1.84	ppb
Selenium	78-2	257.88	252.41	249.78	253.36	1.63	ppb
Silicon	28-1	255.84	256.31	259.52	257.22	0.78	ppb
Silver	107-1	249.97	252.32	251.90	251.40	0.50	ppb
Silver	109-1	251.17	251.34	249.44	250.65	0.42	ppb
Sodium	23-2	24797.95	25601.87	24684.74	25028.18	2.00	ppb
Strontium	86-1	2545.52	2527.65	2551.93	2541.70	0.49	ppb
Strontium	88-1	2535.88	2526.71	2519.04	2527.21	0.33	ppb
Sulfur	34-1	4896.13	4722.85	4769.24	4796.08	1.87	ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	240.12	240.89	242.19	241.07	0.43	ppb
Thallium	205-1	255.12	247.91	262.46	255.17	2.85	ppb
Tin	118-1	251.60	255.24	257.52	254.78	1.17	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:59:44	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2834.73	2818.57	2802.79	2818.69	0.57	ppb
Uranium	238-1	252.28	248.12	253.88	251.43	1.18	ppb
Vanadium	51-2	254.19	260.88	253.52	256.20	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	2532.30	2528.51	2486.01	2515.61	1.02	ppb
Zirconium	90-1	254.81	254.17	260.68	256.55	1.40	ppb
Zirconium	91-1	245.56	236.74	247.82	243.37	2.41	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9878.60	9781.25	10841.30	10167.05	5.76	ppb
Antimony	121-1	511.07	505.29	511.01	509.12	0.65	ppb
Arsenic	75-2	502.27	517.61	553.18	524.35	4.98	ppb
Barium	135-1	2526.52	2517.84	2543.29	2529.22	0.51	ppb
Barium	137-1	2543.00	2453.53	2562.67	2519.74	2.31	ppb
Beryllium	9-1	503.32	494.51	501.93	499.92	0.95	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	493.64	493.12	532.06	506.27	4.41	ppb
Boron	11-1	486.15	501.79	522.64	503.53	3.64	ppb
Bromine	81-1						cps
Cadmium	111-1	495.07	494.25	514.25	501.19	2.26	ppb
Cadmium	106-1	502.31	500.96	513.82	505.69	1.40	ppb
Cadmium	108-1	515.65	503.78	513.12	510.85	1.22	ppb
Calcium	43-1	49048.73	47951.88	47948.84	48316.48	1.31	ppb
Calcium	44-1	49235.32	48024.96	48682.75	48647.68	1.25	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.07	506.42	551.34	520.95	5.05	ppb
Cobalt	59-2	478.49	482.64	532.21	497.78	6.00	ppb
Copper	63-2	4963.31	5121.65	5566.54	5217.17	5.99	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				107		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	54-2	26064.30	26621.27	28743.55	27143.04	5.21	ppb
Iron	56-2	25227.10	26405.03	28251.89	26628.01	5.73	ppb
Iron	57-2	23342.55	24296.60	26103.15	24580.77	5.70	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2436.51	2518.78	2515.91	2490.40	1.87	ppb
Lead	207-1	2468.52	2506.25	2489.61	2488.13	0.76	ppb
Lead	208-1	2432.53	2488.05	2496.02	2472.20	1.40	ppb
Lithium	6-1				108		%
Magnesium	24-2	50423.67	50141.87	55422.70	51996.08	5.71	ppb
Manganese	55-2	5038.08	5263.00	5542.11	5281.06	4.78	ppb
Molybdenum	94-1	5346.74	5340.19	5450.29	5379.07	1.15	ppb
Molybdenum	95-1	5304.43	5372.20	5445.60	5374.07	1.31	ppb
Molybdenum	96-1	5355.14	5435.38	5421.66	5404.06	0.79	ppb
Molybdenum	97-1	5254.47	5284.16	5428.31	5322.31	1.75	ppb
Molybdenum	98-1	5210.69	5214.09	5406.49	5277.09	2.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.10	506.67	558.52	522.43	6.00	ppb
Phosphorus	31-2	10335.97	9961.89	11385.22	10561.03	6.99	ppb
Potassium	39-2	25178.45	25269.41	27643.14	26030.33	5.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	487.72	485.24	500.32	491.09	1.65	ppb
Selenium	77-2	490.03	520.57	589.29	533.30	9.53	ppb
Selenium	78-2	518.67	518.12	557.58	531.46	4.26	ppb
Silicon	28-1	530.14	501.57	525.38	519.03	2.95	ppb
Silver	107-1	496.45	500.14	503.65	500.08	0.72	ppb
Silver	109-1	514.44	518.97	521.62	518.34	0.70	ppb
Sodium	23-2	50305.85	48837.33	54592.68	51245.29	5.84	ppb
Strontium	86-1	4829.69	4874.34	5033.50	4912.51	2.18	ppb
Strontium	88-1	4894.32	4878.59	4949.19	4907.37	0.76	ppb
Sulfur	34-1	10108.60	9206.72	9856.00	9723.77	4.78	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	490.35	473.91	495.26	486.51	2.30	ppb
Thallium	205-1	490.20	504.09	490.32	494.87	1.61	ppb
Tin	118-1	507.47	514.69	510.37	510.84	0.71	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5557.03	5600.64	5598.86	5585.51	0.44	ppb
Uranium	238-1	493.63	481.80	489.03	488.16	1.22	ppb
Vanadium	51-2	499.14	500.73	553.04	517.64	5.93	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				94		%
Zinc	66-2	4889.96	4876.61	5398.64	5055.07	5.89	ppb
Zirconium	90-1	486.42	492.85	509.24	496.17	2.37	ppb
Zirconium	91-1	475.72	473.65	487.67	479.01	1.58	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:05:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19572.33	19280.15	19418.03	19423.50	0.75	ppb
Antimony	121-1	984.76	1015.76	987.51	996.01	1.72	ppb
Arsenic	75-2	990.41	983.06	987.02	986.83	0.37	ppb
Barium	135-1	4945.14	5193.77	4829.50	4989.47	3.73	ppb
Barium	137-1	4972.95	5132.38	4823.82	4976.38	3.10	ppb
Beryllium	9-1	942.05	1052.23	1000.56	998.28	5.52	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	931.79	1021.98	1050.76	1001.51	6.20	ppb
Boron	11-1	958.02	1024.36	1017.97	1000.12	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	982.21	1018.06	987.79	996.02	1.94	ppb
Cadmium	106-1	1009.40	997.84	974.66	993.97	1.78	ppb
Cadmium	108-1	997.52	1010.67	969.32	992.51	2.13	ppb
Calcium	43-1	100778.45	101252.78	101415.47	101148.90	0.33	ppb
Calcium	44-1	96138.14	96476.69	97661.65	96758.82	0.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	998.62	980.62	983.97	987.74	0.97	ppb
Cobalt	59-2	1015.65	1003.22	989.88	1002.92	1.29	ppb
Copper	63-2	9951.62	9874.42	9744.74	9856.93	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	54-2	51056.56	51807.94	50568.04	51144.18	1.22	ppb
Iron	56-2	50473.74	50175.02	49077.17	49908.65	1.47	ppb
Iron	57-2	47453.82	47248.35	46568.69	47090.29	0.98	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:05:54	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4896.11	5080.92	5016.39	4997.81	1.88	ppb
Lead	207-1	5031.42	5056.95	4923.33	5003.90	1.42	ppb
Lead	208-1	4977.38	5082.42	4968.73	5009.51	1.26	ppb
Lithium	6-1				109		%
Magnesium	24-2	101447.02	101933.66	99427.79	100936.16	1.32	ppb
Manganese	55-2	9920.50	9839.55	9731.67	9830.57	0.96	ppb
Molybdenum	94-1	11094.96	11241.73	10844.64	11060.44	1.82	ppb
Molybdenum	95-1	11052.05	11231.06	10898.85	11060.66	1.50	ppb
Molybdenum	96-1	10980.13	11239.60	10917.54	11045.76	1.55	ppb
Molybdenum	97-1	11116.91	11185.45	10930.26	11077.54	1.19	ppb
Molybdenum	98-1	11008.36	11213.58	11087.01	11102.98	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.55	976.96	985.93	986.14	0.94	ppb
Phosphorus	31-2	19732.08	20389.84	19032.33	19718.08	3.44	ppb
Potassium	39-2	49948.73	47579.23	49022.84	48850.27	2.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	82-1	1013.83	1006.91	989.12	1003.29	1.27	ppb
Selenium	77-2	997.96	981.42	972.32	983.90	1.32	ppb
Selenium	78-2	988.39	989.10	972.21	983.24	0.97	ppb
Silicon	28-1	985.37	986.83	993.40	988.53	0.43	ppb
Silver	107-1	1026.52	1002.47	969.97	999.65	2.84	ppb
Silver	109-1	978.00	1009.32	983.54	990.29	1.69	ppb
Sodium	23-2	98607.62	101886.89	98288.14	99594.21	2.00	ppb
Strontium	86-1	10190.82	10049.94	9858.44	10033.07	1.66	ppb
Strontium	88-1	10088.66	10077.85	9955.59	10040.70	0.74	ppb
Sulfur	34-1	19946.95	20022.65	20887.83	20285.81	2.58	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1003.98	1025.09	1001.47	1010.18	1.28	ppb
Thallium	205-1	1013.79	1004.55	988.86	1002.40	1.26	ppb
Tin	118-1	989.16	997.70	992.92	993.26	0.43	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:05:54	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10999.02	11023.18	10815.77	10945.99	1.04	ppb
Uranium	238-1	1018.19	1018.05	984.91	1007.05	1.90	ppb
Vanadium	51-2	991.52	999.87	977.02	989.47	1.17	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	9954.31	10072.26	9881.25	9969.27	0.97	ppb
Zirconium	90-1	1011.80	1000.68	990.05	1000.84	1.09	ppb
Zirconium	91-1	1025.42	1022.61	991.17	1013.06	1.88	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98032.37	96609.40	105660.47	100100.75	4.86	ppb
Antimony	121-1	1.17	1.13	1.07	1.12	4.37	ppb
Arsenic	75-2	0.39	0.44	0.42	0.42	6.07	ppb
Barium	135-1	3.61	2.94	2.86	3.14	13.02	ppb
Barium	137-1	3.78	3.26	2.92	3.32	13.08	ppb
Beryllium	9-1	0.59	0.43	0.47	0.50	16.77	ppb
Bismuth	209-1				99		%
Bismuth	209-2				87		%
Boron	10-1	137.49	126.06	119.24	127.60	7.23	ppb
Boron	11-1	141.91	132.65	122.99	132.52	7.14	ppb
Bromine	81-1						cps
Cadmium	111-1	0.78	0.38	0.22	0.46	62.59	ppb
Cadmium	106-1	3.38	-0.42	-1.60	0.45	572.07	ppb
Cadmium	108-1	1.11	0.87	0.36	0.78	49.39	ppb
Calcium	43-1	496339.76	495282.87	508418.10	500013.58	1.46	ppb
Calcium	44-1	493429.53	504139.44	504907.70	500825.56	1.28	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.70	2.65	2.79	2.71	2.58	ppb
Cobalt	59-2	1.44	1.47	1.45	1.46	1.03	ppb
Copper	63-2	2.85	3.07	2.83	2.92	4.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	243179.35	242123.55	263357.25	249553.39	4.80	ppb
Iron	56-2	245215.71	242401.41	261827.68	249814.93	4.20	ppb
Iron	57-2	250085.82	240063.90	261775.54	250641.75	4.34	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.97	2.60	2.39	2.65	11.13	ppb
Lead	207-1	2.86	2.59	2.27	2.58	11.44	ppb
Lead	208-1	3.06	2.65	2.40	2.70	12.19	ppb
Lithium	6-1				106		%
Magnesium	24-2	490263.01	483192.30	525213.92	499556.41	4.50	ppb
Manganese	55-2	6.26	6.66	6.17	6.36	4.15	ppb
Molybdenum	94-1	7.74	5.36	4.88	5.99	25.47	ppb
Molybdenum	95-1	6.60	5.19	4.21	5.33	22.45	ppb
Molybdenum	96-1	8.95	9.81	6.81	8.52	18.18	ppb
Molybdenum	97-1	7.06	5.44	4.24	5.58	25.39	ppb
Molybdenum	98-1	6.41	4.64	4.29	5.11	22.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.39	2.52	2.38	2.43	3.25	ppb
Phosphorus	31-2	-32.49	-29.62	7.30	-18.27		ppb
Potassium	39-2	244624.67	239668.35	266169.31	250154.11	5.63	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	1.22	1.58	3.30	2.03	54.61	ppb
Selenium	77-2	2.04	-0.95	0.66	0.58	257.20	ppb
Selenium	78-2	0.59	-1.48	-0.92	-0.60		ppb
Silicon	28-1	16.70	18.41	17.61	17.57	4.85	ppb
Silver	107-1	0.50	0.45	0.33	0.43	20.23	ppb
Silver	109-1	0.48	0.46	0.38	0.44	11.42	ppb
Sodium	23-2	489431.35	481701.82	528732.03	499955.07	5.04	ppb
Strontium	86-1	10.41	9.63	8.95	9.66	7.52	ppb
Strontium	88-1	11.24	10.28	9.04	10.18	10.82	ppb
Sulfur	34-1	-557.42	-311.59	-241.27	-370.09		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.44	0.38	0.32	0.38	15.37	ppb
Thallium	205-1	0.45	0.37	0.34	0.38	14.54	ppb
Tin	118-1	0.94	0.87	0.86	0.89	4.92	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.76	3.13	3.63	3.84	21.84	ppb
Uranium	238-1	0.39	0.34	0.32	0.35	11.52	ppb
Vanadium	51-2	0.24	0.27	0.27	0.26	7.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	13.80	12.11	13.82	13.24	7.43	ppb
Zirconium	90-1	0.89	0.72	0.70	0.77	13.33	ppb
Zirconium	91-1	0.79	0.73	0.74	0.75	4.77	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICV92	Instrumnet Name :	P8
Client Sample ID :	ICV92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:16:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	478.54	468.82	484.69	477.35	1.68	ppb
Antimony	121-1	195.45	215.90	209.33	206.89	5.05	ppb
Arsenic	75-2	205.83	205.36	201.56	204.25	1.15	ppb
Barium	135-1	99.76	106.53	107.07	104.45	3.90	ppb
Barium	137-1	99.76	112.51	109.79	107.35	6.25	ppb
Beryllium	9-1	105.42	106.43	107.06	106.30	0.78	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	41.27	44.33	45.11	43.57	4.66	ppb
Boron	11-1	43.36	44.84	44.69	44.30	1.84	ppb
Bromine	81-1						cps
Cadmium	111-1	102.41	114.65	111.29	109.45	5.78	ppb
Cadmium	106-1	84.05	94.28	92.65	90.33	6.08	ppb
Cadmium	108-1	89.41	96.81	100.84	95.69	6.06	ppb
Calcium	43-1	1841.75	1944.27	1993.87	1926.63	4.03	ppb
Calcium	44-1	1813.16	1922.70	2005.08	1913.64	5.03	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	105.28	102.61	104.58	104.15	1.33	ppb
Cobalt	59-2	98.84	97.61	100.97	99.14	1.72	ppb
Copper	63-2	98.17	97.81	99.30	98.43	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	2054.93	2020.16	2079.05	2051.38	1.44	ppb
Iron	56-2	2140.90	2071.37	2136.98	2116.42	1.85	ppb
Iron	57-2	1944.03	1897.69	1990.20	1943.97	2.38	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICV92	Instrumnet Name :	P8
Client Sample ID :	ICV92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:16:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	199.62	207.67	219.17	208.82	4.70	ppb
Lead	207-1	189.67	202.31	210.51	200.83	5.23	ppb
Lead	208-1	194.09	205.82	210.71	203.54	4.20	ppb
Lithium	6-1				105		%
Magnesium	24-2	1145.89	1108.12	1108.13	1120.71	1.95	ppb
Manganese	55-2	96.50	94.07	97.27	95.95	1.74	ppb
Molybdenum	94-1	0.31	0.30	0.33	0.31	5.11	ppb
Molybdenum	95-1	0.31	0.31	0.30	0.31	2.76	ppb
Molybdenum	96-1	0.33	0.35	0.34	0.34	3.99	ppb
Molybdenum	97-1	0.30	0.37	0.29	0.32	14.70	ppb
Molybdenum	98-1	0.33	0.30	0.29	0.31	6.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.78	103.64	106.65	105.36	1.47	ppb
Phosphorus	31-2	2.32	-44.34	-42.07	-28.03		ppb
Potassium	39-2	1879.72	1851.25	1880.22	1870.40	0.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	199.38	210.58	216.56	208.84	4.18	ppb
Selenium	77-2	224.19	230.40	218.68	224.42	2.61	ppb
Selenium	78-2	199.00	213.39	217.49	209.96	4.63	ppb
Silicon	28-1	-0.47	0.45	1.12	0.37	217.51	ppb
Silver	107-1	48.14	54.08	53.82	52.01	6.46	ppb
Silver	109-1	48.37	52.61	53.19	51.39	5.13	ppb
Sodium	23-2	1916.70	1879.51	1940.02	1912.08	1.60	ppb
Strontium	86-1	0.52	0.39	0.46	0.46	14.82	ppb
Strontium	88-1	0.41	0.43	0.42	0.42	2.35	ppb
Sulfur	34-1	-1069.22	-482.21	31.61	-506.61		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	201.22	211.98	216.57	209.92	3.75	ppb
Thallium	205-1	219.12	217.03	233.61	223.25	4.05	ppb
Tin	118-1	0.04	0.01	0.04	0.03	68.10	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICV92	Instrumnet Name :	P8
Client Sample ID :	ICV92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:16:59	DataFile Name :	013ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.18	0.15	0.16	0.16	8.45	ppb
Uranium	238-1	0.02	0.01	0.02	0.01	27.59	ppb
Vanadium	51-2	100.84	100.41	103.73	101.66	1.77	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	197.56	197.81	203.84	199.74	1.78	ppb
Zirconium	90-1	0.03	0.03	0.05	0.04	38.03	ppb
Zirconium	91-1	0.04	0.09	0.06	0.06	36.74	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.28	18.14	19.39	18.27	5.80	ppb
Antimony	121-1	1.92	1.93	2.04	1.96	3.37	ppb
Arsenic	75-2	0.90	1.06	1.08	1.01	9.92	ppb
Barium	135-1	9.05	8.96	9.54	9.18	3.36	ppb
Barium	137-1	9.55	9.28	9.57	9.47	1.74	ppb
Beryllium	9-1	1.01	1.07	0.93	1.00	6.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	65.69	58.75	63.73	62.72	5.70	ppb
Boron	11-1	65.33	59.97	64.58	63.30	4.59	ppb
Bromine	81-1						cps
Cadmium	111-1	0.91	0.88	0.96	0.92	4.56	ppb
Cadmium	106-1	-0.21	-0.61	-0.21	-0.34		ppb
Cadmium	108-1	0.85	1.20	0.88	0.98	19.50	ppb
Calcium	43-1	415.98	440.80	430.56	429.12	2.91	ppb
Calcium	44-1	426.63	441.86	438.22	435.57	1.83	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.87	1.94	1.78	1.86	4.14	ppb
Cobalt	59-2	0.86	0.93	0.90	0.90	3.86	ppb
Copper	63-2	1.94	1.95	1.99	1.96	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	45.73	44.61	49.38	46.57	5.36	ppb
Iron	56-2	46.01	47.89	47.88	47.26	2.29	ppb
Iron	57-2	52.32	46.26	46.52	48.37	7.09	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.85	0.91	0.97	0.91	6.83	ppb
Lead	207-1	0.96	0.95	0.96	0.96	0.39	ppb
Lead	208-1	0.91	0.91	0.94	0.92	2.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	450.26	459.11	456.00	455.12	0.99	ppb
Manganese	55-2	0.78	0.99	0.94	0.90	12.36	ppb
Molybdenum	94-1	6.13	5.52	5.75	5.80	5.29	ppb
Molybdenum	95-1	4.93	4.94	4.83	4.90	1.33	ppb
Molybdenum	96-1	4.90	5.15	5.16	5.07	2.97	ppb
Molybdenum	97-1	4.98	4.84	4.70	4.84	2.97	ppb
Molybdenum	98-1	5.09	5.05	5.15	5.10	1.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.99	0.67	0.83	18.92	ppb
Phosphorus	31-2	-2.58	-2.45	-16.51	-7.18		ppb
Potassium	39-2	418.77	453.59	458.14	443.50	4.86	ppb
Rhodium	103-1				100		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	5.85	4.68	4.98	5.17	11.74	ppb
Selenium	77-2	3.24	7.87	1.98	4.36	71.04	ppb
Selenium	78-2	5.96	6.65	4.44	5.68	19.88	ppb
Silicon	28-1	0.16	0.51	0.40	0.35	50.48	ppb
Silver	107-1	0.96	0.90	0.88	0.92	4.68	ppb
Silver	109-1	0.98	0.94	1.01	0.97	3.59	ppb
Sodium	23-2	436.92	460.51	460.20	452.54	2.99	ppb
Strontium	86-1	0.87	0.87	0.92	0.89	2.91	ppb
Strontium	88-1	0.98	0.97	0.97	0.97	0.70	ppb
Sulfur	34-1	-442.13	-185.85	-218.03	-282.00		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.90	0.89	0.84	0.87	3.58	ppb
Thallium	205-1	0.90	0.90	0.89	0.90	0.22	ppb
Tin	118-1	4.95	4.66	4.79	4.80	2.97	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.80	4.78	4.94	4.84	1.78	ppb
Uranium	238-1	0.88	0.94	0.86	0.89	4.63	ppb
Vanadium	51-2	4.76	4.84	4.77	4.79	0.92	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1.90	2.38	2.30	2.19	11.80	ppb
Zirconium	90-1	0.92	0.90	0.94	0.92	2.06	ppb
Zirconium	91-1	0.99	0.85	0.94	0.93	7.32	ppb

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : ICB92 Instrumnet Name : P8
 Client Sample ID : ICB92 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:30:57 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	0.11	-0.04	0.14	138.50	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	38.69	ppb
Arsenic	75-2	-0.01	-0.02	-0.01	-0.01		ppb
Barium	135-1	0.00	0.01	0.02	0.01	152.42	ppb
Barium	137-1	0.02	0.00	0.02	0.01	65.75	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	31.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	42.66	40.29	37.52	40.16	6.41	ppb
Boron	11-1	43.29	40.85	37.88	40.67	6.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.24	0.05	0.12	0.14	67.35	ppb
Cadmium	106-1	2.73	0.79	1.62	1.71	56.77	ppb
Cadmium	108-1	-0.20	0.16	-0.13	-0.06		ppb
Calcium	43-1	-2.98	-2.78	-1.66	-2.47		ppb
Calcium	44-1	0.06	-0.19	-0.42	-0.18		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.08	-0.01	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	-0.01	0.03	0.00	711.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	1.47	-1.32	0.14	0.10	1422.35	ppb
Iron	56-2	0.31	0.15	1.19	0.55	101.05	ppb
Iron	57-2	0.58	0.67	1.83	1.03	67.92	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICB92	Instrumnet Name :	P8
Client Sample ID :	ICB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:30:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.01	0.04	-0.03	0.01	457.44	ppb
Lead	207-1	0.02	-0.01	0.00	0.00	488.25	ppb
Lead	208-1	0.03	0.01	0.02	0.02	49.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.60	0.27	3.02	1.30	115.98	ppb
Manganese	55-2	0.02	0.02	0.04	0.03	59.23	ppb
Molybdenum	94-1	0.00	0.02	0.01	0.01	96.55	ppb
Molybdenum	95-1	0.02	0.04	0.02	0.03	38.54	ppb
Molybdenum	96-1	0.02	0.06	0.09	0.06	63.14	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.04	24.97	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	7.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	0.00	-0.04	-0.03		ppb
Phosphorus	31-2	-43.45	-44.74	-24.08	-37.42		ppb
Potassium	39-2	9.95	15.74	8.67	11.45	32.92	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	0.58	0.12	0.97	0.56	76.75	ppb
Selenium	77-2	-0.95	0.49	1.93	0.49	294.72	ppb
Selenium	78-2	0.38	2.25	0.69	1.10	91.02	ppb
Silicon	28-1	-0.58	-0.43	-0.60	-0.54		ppb
Silver	107-1	0.02	0.01	0.01	0.02	32.79	ppb
Silver	109-1	0.02	0.02	0.02	0.02	3.88	ppb
Sodium	23-2	9.34	9.70	10.90	9.98	8.17	ppb
Strontium	86-1	0.06	-0.11	0.03	-0.01		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	63.19	ppb
Sulfur	34-1	198.18	270.94	-15.27	151.28	98.33	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.00	-0.03	-0.01		ppb
Thallium	205-1	-0.03	-0.01	-0.02	-0.02		ppb
Tin	118-1	0.00	0.00	0.02	0.00	378.42	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICB92	Instrumnet Name :	P8
Client Sample ID :	ICB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:30:57	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.06	-0.07	0.01	1078.05	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	29.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.09	-0.11	0.22	0.07	242.49	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00	352.97	ppb
Zirconium	91-1	-0.02	-0.03	-0.04	-0.03		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSA92	Instrumnet Name :	P8
Client Sample ID :	ICSA92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:34:03	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94977.76	93392.21	97926.49	95432.16	2.41	ppb
Antimony	121-1	1.15	1.03	1.20	1.13	7.65	ppb
Arsenic	75-2	0.27	0.35	0.33	0.31	13.69	ppb
Barium	135-1	1.24	1.24	1.23	1.24	0.72	ppb
Barium	137-1	1.31	1.34	1.48	1.38	6.61	ppb
Beryllium	9-1	0.32	0.30	0.34	0.32	7.36	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	36.78	35.42	36.08	36.09	1.88	ppb
Boron	11-1	38.32	36.17	37.25	37.24	2.89	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.12	0.34	0.19	65.52	ppb
Cadmium	106-1	-1.86	-0.64	1.12	-0.46		ppb
Cadmium	108-1	8.70	8.02	7.64	8.12	6.63	ppb
Calcium	43-1	96730.30	93877.32	100576.83	97061.48	3.46	ppb
Calcium	44-1	95967.53	92448.92	96695.73	95037.39	2.39	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.37	19.05	20.04	19.49	2.59	ppb
Cobalt	59-2	1.05	1.16	1.10	1.10	4.77	ppb
Copper	63-2	6.99	6.82	7.10	6.97	2.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	100099.94	98348.00	101313.94	99920.63	1.49	ppb
Iron	56-2	96654.21	98727.22	101401.51	98927.64	2.41	ppb
Iron	57-2	96519.72	99263.46	101456.83	99080.00	2.50	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSA92	Instrumnet Name :	P8
Client Sample ID :	ICSA92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:34:03	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.39	4.31	4.82	4.51	6.09	ppb
Lead	207-1	3.93	4.07	4.25	4.08	3.97	ppb
Lead	208-1	4.09	4.09	4.40	4.19	4.31	ppb
Lithium	6-1				108		%
Magnesium	24-2	94007.93	94117.68	94236.89	94120.83	0.12	ppb
Manganese	55-2	7.08	6.63	7.42	7.04	5.57	ppb
Molybdenum	94-1	1624.06	1715.01	1634.44	1657.84	3.00	ppb
Molybdenum	95-1	1961.83	2006.07	2007.29	1991.73	1.30	ppb
Molybdenum	96-1	1969.62	2015.62	1953.49	1979.58	1.63	ppb
Molybdenum	97-1	2046.47	2048.11	2015.49	2036.69	0.90	ppb
Molybdenum	98-1	1960.75	1999.58	1967.72	1976.01	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.41	5.10	4.99	5.17	4.23	ppb
Phosphorus	31-2	97152.49	98531.48	95963.92	97215.96	1.32	ppb
Potassium	39-2	94456.00	94646.91	93189.99	94097.63	0.84	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	0.55	0.79	0.58	0.64	20.31	ppb
Selenium	77-2	0.50	-0.95	0.49	0.01	7201.49	ppb
Selenium	78-2	-0.38	1.45	-2.45	-0.46		ppb
Silicon	28-1	1.19	0.84	1.44	1.16	26.36	ppb
Silver	107-1	0.05	0.04	0.03	0.04	15.77	ppb
Silver	109-1	0.07	0.04	0.03	0.05	39.28	ppb
Sodium	23-2	96045.18	95182.98	97266.19	96164.78	1.09	ppb
Strontium	86-1	32.82	34.81	33.40	33.68	3.04	ppb
Strontium	88-1	33.06	34.10	33.65	33.60	1.55	ppb
Sulfur	34-1	82819.67	79108.97	82430.62	81453.09	2.50	ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.04	0.04	0.03	62.81	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	14.99	ppb
Tin	118-1	0.10	0.09	0.07	0.09	19.18	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSA92	Instrumnet Name :	P8
Client Sample ID :	ICSA92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:34:03	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1997.68	2032.42	2058.05	2029.38	1.49	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	25.20	ppb
Vanadium	51-2	0.10	0.14	0.14	0.13	17.27	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	10.01	9.88	10.86	10.25	5.16	ppb
Zirconium	90-1	0.02	0.03	0.01	0.02	56.10	ppb
Zirconium	91-1	-0.02	0.00	0.00	0.00		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSAB92	Instrumnet Name :	P8
Client Sample ID :	ICSAB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:36:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96327.01	97834.61	94372.21	96177.95	1.80	ppb
Antimony	121-1	20.04	21.88	21.71	21.21	4.79	ppb
Arsenic	75-2	19.80	18.92	19.87	19.53	2.74	ppb
Barium	135-1	20.38	23.08	22.72	22.06	6.64	ppb
Barium	137-1	20.22	22.08	21.31	21.20	4.42	ppb
Beryllium	9-1	19.70	21.26	19.31	20.09	5.14	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	29.74	30.54	27.16	29.15	6.05	ppb
Boron	11-1	29.74	30.65	28.71	29.70	3.27	ppb
Bromine	81-1						cps
Cadmium	111-1	19.04	20.18	21.40	20.20	5.84	ppb
Cadmium	106-1	15.43	17.32	18.96	17.24	10.22	ppb
Cadmium	108-1	26.17	27.28	25.91	26.45	2.74	ppb
Calcium	43-1	95289.86	102136.61	96575.69	98000.72	3.71	ppb
Calcium	44-1	92759.77	99950.23	96079.85	96263.28	3.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	38.69	38.35	37.72	38.25	1.28	ppb
Cobalt	59-2	19.55	19.93	19.08	19.52	2.17	ppb
Copper	63-2	25.25	25.13	24.45	24.94	1.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2	99645.43	100593.85	98217.56	99485.61	1.20	ppb
Iron	56-2	99644.18	101162.30	98290.55	99699.01	1.44	ppb
Iron	57-2	101197.86	100709.28	97371.69	99759.61	2.09	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSAB92	Instrumnet Name :	P8
Client Sample ID :	ICSAB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:36:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	23.22	25.68	24.02	24.30	5.16	ppb
Lead	207-1	22.22	24.88	23.94	23.68	5.69	ppb
Lead	208-1	22.12	24.69	23.88	23.57	5.58	ppb
Lithium	6-1				111		%
Magnesium	24-2	94318.96	94929.27	93039.35	94095.86	1.03	ppb
Manganese	55-2	24.83	25.33	24.83	24.99	1.17	ppb
Molybdenum	94-1	1600.59	1742.90	1598.64	1647.37	5.02	ppb
Molybdenum	95-1	1951.56	2104.72	1971.28	2009.19	4.15	ppb
Molybdenum	96-1	1947.09	2032.92	1961.37	1980.46	2.32	ppb
Molybdenum	97-1	1942.24	2041.09	1982.40	1988.58	2.50	ppb
Molybdenum	98-1	1895.01	2053.56	1929.40	1959.32	4.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	25.23	23.79	24.60	2.99	ppb
Phosphorus	31-2	96049.48	97046.66	93830.53	95642.22	1.72	ppb
Potassium	39-2	91354.58	94014.84	94293.21	93220.88	1.74	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	82-1	18.78	20.12	19.33	19.41	3.48	ppb
Selenium	77-2	18.87	23.21	25.83	22.64	15.53	ppb
Selenium	78-2	20.28	20.14	16.34	18.92	11.81	ppb
Silicon	28-1	0.81	2.42	2.32	1.85	48.64	ppb
Silver	107-1	18.03	19.58	19.02	18.88	4.14	ppb
Silver	109-1	18.59	19.75	20.04	19.46	3.95	ppb
Sodium	23-2	97161.82	96890.21	97216.77	97089.60	0.18	ppb
Strontium	86-1	32.28	35.95	32.70	33.64	5.97	ppb
Strontium	88-1	32.66	36.19	33.68	34.18	5.32	ppb
Sulfur	34-1	74493.01	86855.93	78933.19	80094.04	7.82	ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	18.99	20.77	20.41	20.05	4.68	ppb
Thallium	205-1	18.78	20.27	20.34	19.80	4.46	ppb
Tin	118-1	0.13	0.11	0.14	0.13	14.07	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSAB92	Instrumnet Name :	P8
Client Sample ID :	ICSAB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:36:56	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1949.84	2130.23	2037.24	2039.11	4.42	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	26.38	ppb
Vanadium	51-2	19.08	19.40	19.39	19.29	0.96	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	27.31	29.64	28.14	28.37	4.17	ppb
Zirconium	90-1	0.01	0.02	0.03	0.02	59.10	ppb
Zirconium	91-1	0.05	-0.01	0.02	0.02	123.30	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50052.24	52051.47	50739.64	50947.78	1.99	ppb
Antimony	121-1	525.36	509.90	504.31	513.19	2.13	ppb
Arsenic	75-2	514.42	521.53	515.03	516.99	0.76	ppb
Barium	135-1	2712.54	2585.41	2587.92	2628.62	2.77	ppb
Barium	137-1	2597.84	2522.21	2539.42	2553.15	1.55	ppb
Beryllium	9-1	498.06	500.01	496.66	498.24	0.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	543.49	568.12	571.85	561.15	2.75	ppb
Boron	11-1	540.26	572.63	597.10	570.00	5.00	ppb
Bromine	81-1						cps
Cadmium	111-1	493.40	497.91	493.74	495.02	0.51	ppb
Cadmium	106-1	482.78	487.90	485.33	485.34	0.53	ppb
Cadmium	108-1	501.28	478.80	485.24	488.44	2.37	ppb
Calcium	43-1	251990.05	251427.37	244582.98	249333.47	1.65	ppb
Calcium	44-1	246839.90	244000.17	233590.50	241476.86	2.89	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.16	499.21	497.11	499.49	0.51	ppb
Cobalt	59-2	502.08	507.52	492.32	500.64	1.54	ppb
Copper	63-2	5231.18	5097.44	5018.18	5115.60	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	123687.83	122280.85	120697.00	122221.89	1.22	ppb
Iron	56-2	126909.70	125228.49	123216.18	125118.12	1.48	ppb
Iron	57-2	126094.37	127473.72	122442.57	125336.89	2.07	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2647.11	2628.09	2624.27	2633.16	0.46	ppb
Lead	207-1	2696.75	2583.27	2590.03	2623.35	2.43	ppb
Lead	208-1	2644.77	2566.56	2561.72	2591.02	1.80	ppb
Lithium	6-1				112		%
Magnesium	24-2	250104.63	249380.80	245547.14	248344.19	0.99	ppb
Manganese	55-2	5175.99	5150.99	4949.61	5092.20	2.44	ppb
Molybdenum	94-1	5831.05	5446.44	5565.18	5614.23	3.51	ppb
Molybdenum	95-1	5778.87	5372.71	5720.29	5623.96	3.90	ppb
Molybdenum	96-1	5764.40	5561.21	5836.18	5720.60	2.49	ppb
Molybdenum	97-1	5865.88	5549.39	5630.01	5681.76	2.89	ppb
Molybdenum	98-1	5777.53	5484.26	5556.15	5605.98	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	545.87	533.89	516.71	532.15	2.75	ppb
Phosphorus	31-2	9995.97	10084.96	9932.00	10004.31	0.77	ppb
Potassium	39-2	122215.84	120425.35	121763.81	121468.33	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	549.93	515.59	529.99	531.84	3.24	ppb
Selenium	77-2	541.83	589.86	491.57	541.08	9.08	ppb
Selenium	78-2	511.78	542.27	530.64	528.23	2.91	ppb
Silicon	28-1	576.20	564.48	570.81	570.50	1.03	ppb
Silver	107-1	552.66	537.62	528.14	539.48	2.29	ppb
Silver	109-1	556.70	543.05	557.87	552.54	1.49	ppb
Sodium	23-2	250236.65	250399.99	240676.42	247104.35	2.25	ppb
Strontium	86-1	5201.91	4935.03	5076.67	5071.20	2.63	ppb
Strontium	88-1	5110.35	5043.70	5171.15	5108.40	1.25	ppb
Sulfur	34-1	9232.61	8658.30	8680.55	8857.15	3.67	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	522.02	501.25	520.52	514.60	2.25	ppb
Thallium	205-1	520.51	505.23	520.77	515.50	1.73	ppb
Tin	118-1	539.35	515.32	510.60	521.75	2.96	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5734.54	5657.00	5580.86	5657.46	1.36	ppb
Uranium	238-1	510.57	525.95	529.12	521.88	1.90	ppb
Vanadium	51-2	508.29	516.71	490.36	505.12	2.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				101		%
Zinc	66-2	4706.51	4685.68	4666.07	4686.08	0.43	ppb
Zirconium	90-1	528.53	513.54	510.39	517.49	1.87	ppb
Zirconium	91-1	504.83	488.47	488.17	493.82	1.93	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.89	1.67	0.18	0.91	81.97	ppb
Antimony	121-1	0.03	0.06	0.07	0.05	40.43	ppb
Arsenic	75-2	0.00	0.01	0.02	0.01	162.87	ppb
Barium	135-1	0.01	0.04	-0.01	0.01	179.02	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	448.88	ppb
Beryllium	9-1	0.05	0.04	0.04	0.04	23.99	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	23.19	24.11	25.76	24.35	5.33	ppb
Boron	11-1	24.55	24.09	24.01	24.22	1.20	ppb
Bromine	81-1						cps
Cadmium	111-1	0.00	0.12	-0.22	-0.03		ppb
Cadmium	106-1	-0.56	1.40	-2.91	-0.69		ppb
Cadmium	108-1	-0.26	-0.38	-0.38	-0.34		ppb
Calcium	43-1	-2.85	-1.08	-2.97	-2.30		ppb
Calcium	44-1	5.88	5.43	4.12	5.15	17.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.01	0.04	-0.10	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.12	0.13	0.04	0.09	53.95	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				102		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	1.54	1.28	0.98	1.27	22.08	ppb
Iron	56-2	1.34	1.12	0.96	1.14	16.85	ppb
Iron	57-2	1.98	1.80	0.00	1.26	86.63	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.06	0.10	0.07	0.07	26.00	ppb
Lead	207-1	0.10	0.03	0.11	0.08	50.01	ppb
Lead	208-1	0.09	0.08	0.09	0.09	2.78	ppb
Lithium	6-1				106		%
Magnesium	24-2	2.86	2.19	2.33	2.46	14.55	ppb
Manganese	55-2	0.07	0.06	0.06	0.06	8.26	ppb
Molybdenum	94-1	0.13	0.13	0.10	0.12	12.26	ppb
Molybdenum	95-1	0.22	0.16	0.09	0.15	43.85	ppb
Molybdenum	96-1	0.18	0.15	0.13	0.15	18.72	ppb
Molybdenum	97-1	0.18	0.11	0.13	0.14	26.98	ppb
Molybdenum	98-1	0.16	0.14	0.11	0.14	17.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	-0.07	-0.07		ppb
Phosphorus	31-2	-9.35	2.02	-5.83	-4.39		ppb
Potassium	39-2	9.03	6.71	7.09	7.61	16.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	82-1	-0.39	1.36	0.94	0.64	143.27	ppb
Selenium	77-2	0.57	-0.95	-0.95	-0.45		ppb
Selenium	78-2	1.92	-0.12	0.68	0.83	123.98	ppb
Silicon	28-1	0.00	-0.50	-0.32	-0.27		ppb
Silver	107-1	0.01	0.02	0.02	0.01	32.43	ppb
Silver	109-1	0.03	0.01	0.03	0.02	39.01	ppb
Sodium	23-2	19.16	19.25	22.06	20.16	8.17	ppb
Strontium	86-1	-0.05	0.07	-0.08	-0.02		ppb
Strontium	88-1	0.02	0.03	0.01	0.02	40.74	ppb
Sulfur	34-1	-234.46	-496.77	-405.12	-378.78		ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.04	-0.01	0.02	115.35	ppb
Thallium	205-1	0.03	0.02	0.04	0.03	27.29	ppb
Tin	118-1	-0.02	-0.01	-0.03	-0.02		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.05	0.00	0.03	77.69	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	473.46	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	127.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	-0.04	0.14	0.03	0.04	201.97	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.60	ppb
Zirconium	91-1	0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:53:21	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.06	18.05	19.58	18.56	4.76	ppb
Antimony	121-1	1.97	1.87	1.81	1.88	4.20	ppb
Arsenic	75-2	0.89	0.86	1.02	0.92	9.16	ppb
Barium	135-1	9.28	9.27	8.65	9.07	3.98	ppb
Barium	137-1	9.44	9.95	9.10	9.50	4.52	ppb
Beryllium	9-1	1.00	0.93	1.09	1.01	7.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	28.67	30.78	32.99	30.82	7.01	ppb
Boron	11-1	27.90	28.53	32.84	29.76	9.04	ppb
Bromine	81-1						cps
Cadmium	111-1	1.00	0.93	0.70	0.88	18.06	ppb
Cadmium	106-1	1.73	-1.27	-2.32	-0.62		ppb
Cadmium	108-1	0.99	0.56	1.05	0.87	30.49	ppb
Calcium	43-1	430.27	439.45	435.13	434.95	1.06	ppb
Calcium	44-1	439.46	442.02	439.32	440.27	0.35	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.95	1.94	2.06	1.99	3.44	ppb
Cobalt	59-2	0.98	0.94	0.99	0.97	2.92	ppb
Copper	63-2	2.02	1.85	1.94	1.94	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	54-2	47.19	46.76	55.47	49.81	9.86	ppb
Iron	56-2	47.10	48.73	49.38	48.40	2.43	ppb
Iron	57-2	43.92	48.35	54.26	48.84	10.62	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:53:21	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.94	0.98	0.94	4.57	ppb
Lead	207-1	0.89	0.96	0.90	0.92	4.38	ppb
Lead	208-1	0.95	0.92	0.95	0.94	2.08	ppb
Lithium	6-1				108		%
Magnesium	24-2	470.95	443.14	453.75	455.95	3.08	ppb
Manganese	55-2	1.06	0.90	0.90	0.95	9.79	ppb
Molybdenum	94-1	6.04	5.45	5.69	5.73	5.13	ppb
Molybdenum	95-1	4.88	4.68	4.96	4.84	3.00	ppb
Molybdenum	96-1	5.15	4.74	4.81	4.90	4.47	ppb
Molybdenum	97-1	5.30	5.08	5.17	5.18	2.18	ppb
Molybdenum	98-1	5.16	4.73	4.78	4.89	4.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.92	1.13	0.91	24.54	ppb
Phosphorus	31-2	-41.94	8.96	-35.27	-22.75		ppb
Potassium	39-2	453.57	441.83	484.48	459.96	4.79	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	6.05	5.17	6.63	5.95	12.34	ppb
Selenium	77-2	2.03	7.81	3.53	4.46	67.30	ppb
Selenium	78-2	5.91	7.07	2.83	5.27	41.63	ppb
Silicon	28-1	0.49	0.57	0.33	0.46	26.23	ppb
Silver	107-1	1.00	0.87	0.83	0.90	10.19	ppb
Silver	109-1	0.95	0.93	0.90	0.93	2.31	ppb
Sodium	23-2	461.61	458.59	455.76	458.65	0.64	ppb
Strontium	86-1	0.97	0.82	0.87	0.88	8.88	ppb
Strontium	88-1	0.99	0.93	0.90	0.94	4.75	ppb
Sulfur	34-1	-288.52	-187.49	-341.85	-272.62		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.87	0.91	0.89	2.11	ppb
Thallium	205-1	0.90	0.97	0.90	0.92	4.44	ppb
Tin	118-1	4.91	4.91	4.74	4.85	2.00	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:53:21	DataFile Name :	020LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.05	4.53	4.41	4.66	7.31	ppb
Uranium	238-1	0.89	0.91	0.94	0.91	2.62	ppb
Vanadium	51-2	4.67	4.47	4.95	4.70	5.12	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				98		%
Zinc	66-2	1.93	2.67	2.10	2.23	17.30	ppb
Zirconium	90-1	0.95	0.93	0.91	0.93	2.40	ppb
Zirconium	91-1	0.91	0.89	0.93	0.91	1.79	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BL	Instrumnet Name :	P8
Client Sample ID :	PB141919BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:56:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.15	1.51	1.82	1.83	17.41	ppb
Antimony	121-1	0.05	0.02	0.02	0.03	55.43	ppb
Arsenic	75-2	0.03	-0.01	-0.03	0.00		ppb
Barium	135-1	0.23	0.06	0.03	0.11	98.90	ppb
Barium	137-1	0.23	0.00	-0.01	0.07	183.70	ppb
Beryllium	9-1	0.05	0.01	0.04	0.03	73.63	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	21.29	19.36	20.91	20.52	4.99	ppb
Boron	11-1	20.96	20.11	20.18	20.42	2.31	ppb
Bromine	81-1						cps
Cadmium	111-1	0.10	0.05	0.00	0.05	96.22	ppb
Cadmium	106-1	0.95	0.13	-0.28	0.27	233.51	ppb
Cadmium	108-1	0.11	-0.32	-0.26	-0.16		ppb
Calcium	43-1	14.57	-3.28	-2.49	2.93	343.76	ppb
Calcium	44-1	23.66	4.73	5.48	11.29	94.93	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.12	-0.04	-0.01	-0.06		ppb
Cobalt	59-2	-0.01	-0.01	0.01	0.00		ppb
Copper	63-2	0.08	0.06	0.09	0.08	16.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	1.32	2.15	5.53	3.00	74.32	ppb
Iron	56-2	2.05	2.32	1.57	1.98	19.28	ppb
Iron	57-2	5.79	3.81	4.74	4.78	20.71	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BL	Instrumnet Name :	P8
Client Sample ID :	PB141919BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:56:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.24	0.06	0.02	0.11	111.88	ppb
Lead	207-1	0.18	0.01	0.02	0.07	138.01	ppb
Lead	208-1	0.23	0.05	0.03	0.11	102.69	ppb
Lithium	6-1				106		%
Magnesium	24-2	4.37	4.53	1.90	3.60	41.05	ppb
Manganese	55-2	0.02	0.11	0.05	0.06	74.85	ppb
Molybdenum	94-1	0.54	0.02	0.08	0.21	134.53	ppb
Molybdenum	95-1	0.72	0.10	0.07	0.29	124.82	ppb
Molybdenum	96-1	0.63	0.05	0.06	0.25	133.19	ppb
Molybdenum	97-1	0.67	0.06	0.10	0.28	121.70	ppb
Molybdenum	98-1	0.61	0.12	0.06	0.27	113.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	-0.06	-0.07		ppb
Phosphorus	31-2	-36.87	0.80	-43.79	-26.62		ppb
Potassium	39-2	11.12	13.42	6.29	10.28	35.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				97		%
Selenium	82-1	-0.06	0.55	0.81	0.43	103.12	ppb
Selenium	77-2	-0.95	-0.95	-0.95	-0.95		ppb
Selenium	78-2	0.31	0.03	0.56	0.30	88.55	ppb
Silicon	28-1	-0.66	-0.48	-0.28	-0.47		ppb
Silver	107-1	0.04	0.00	0.02	0.02	117.86	ppb
Silver	109-1	0.03	0.02	0.01	0.02	42.73	ppb
Sodium	23-2	14.31	15.41	12.88	14.20	8.93	ppb
Strontium	86-1	0.29	0.08	-0.01	0.12	127.79	ppb
Strontium	88-1	0.63	0.04	0.02	0.23	149.02	ppb
Sulfur	34-1	-483.10	-414.00	-95.63	-330.91		ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.01	0.00	0.02	145.63	ppb
Thallium	205-1	0.05	0.00	0.03	0.03	81.65	ppb
Tin	118-1	0.06	-0.02	0.05	0.03	145.49	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BL	Instrumnet Name :	P8
Client Sample ID :	PB141919BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:56:26	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.98	0.03	-0.08	0.31	188.36	ppb
Uranium	238-1	0.03	0.00	0.00	0.01	152.10	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	21.16	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.03	0.22	-0.12	0.02	739.16	ppb
Zirconium	90-1	0.05	0.02	0.00	0.02	99.58	ppb
Zirconium	91-1	0.02	0.00	-0.03	0.00		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9819.89	9695.06	10018.00	9844.31	1.65	ppb
Antimony	121-1	501.27	498.42	489.31	496.34	1.26	ppb
Arsenic	75-2	503.52	503.38	496.19	501.03	0.84	ppb
Barium	135-1	2470.70	2539.01	2496.13	2501.94	1.38	ppb
Barium	137-1	2441.18	2497.47	2472.28	2470.31	1.14	ppb
Beryllium	9-1	482.96	489.26	513.32	495.18	3.24	ppb
Bismuth	209-1				106		%
Bismuth	209-2				105		%
Boron	10-1	449.57	479.20	528.76	485.84	8.23	ppb
Boron	11-1	459.42	480.67	529.90	490.00	7.38	ppb
Bromine	81-1						cps
Cadmium	111-1	494.85	509.16	504.76	502.93	1.46	ppb
Cadmium	106-1	503.12	502.65	486.83	497.53	1.86	ppb
Cadmium	108-1	489.66	513.42	498.07	500.38	2.41	ppb
Calcium	43-1	48158.15	47571.28	49313.26	48347.56	1.83	ppb
Calcium	44-1	48400.63	48287.15	48909.40	48532.40	0.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	505.26	492.52	500.80	499.52	1.29	ppb
Cobalt	59-2	474.65	475.26	482.57	477.49	0.92	ppb
Copper	63-2	5118.09	5003.39	5049.91	5057.13	1.14	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				107		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	26795.71	25356.82	26818.50	26323.68	3.18	ppb
Iron	56-2	25637.56	25488.18	26689.68	25938.47	2.52	ppb
Iron	57-2	23900.68	23515.52	24681.51	24032.57	2.47	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2503.55	2517.57	2445.48	2488.87	1.54	ppb
Lead	207-1	2492.47	2527.25	2476.33	2498.68	1.04	ppb
Lead	208-1	2472.22	2493.81	2498.83	2488.29	0.57	ppb
Lithium	6-1				110		%
Magnesium	24-2	52128.01	50072.22	50952.27	51050.83	2.02	ppb
Manganese	55-2	4981.42	5000.88	5186.52	5056.27	2.24	ppb
Molybdenum	94-1	5405.87	5607.58	5622.70	5545.38	2.18	ppb
Molybdenum	95-1	5541.81	5473.24	5834.78	5616.61	3.42	ppb
Molybdenum	96-1	5499.37	5574.92	5816.89	5630.40	2.95	ppb
Molybdenum	97-1	5478.50	5477.48	5661.57	5539.18	1.91	ppb
Molybdenum	98-1	5530.37	5475.57	5628.87	5544.93	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.38	494.38	507.26	499.34	1.39	ppb
Phosphorus	31-2	10255.19	9954.43	9895.26	10034.96	1.92	ppb
Potassium	39-2	26015.13	24875.07	25617.20	25502.47	2.27	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	82-1	502.28	505.74	518.75	508.92	1.71	ppb
Selenium	77-2	543.72	532.68	503.07	526.49	3.99	ppb
Selenium	78-2	502.92	507.72	494.32	501.65	1.35	ppb
Silicon	28-1	498.12	519.15	524.83	514.04	2.74	ppb
Silver	107-1	502.73	529.55	504.62	512.30	2.92	ppb
Silver	109-1	513.02	517.30	524.24	518.18	1.09	ppb
Sodium	23-2	50718.38	49633.42	50780.05	50377.28	1.28	ppb
Strontium	86-1	4974.56	4985.32	5085.57	5015.15	1.22	ppb
Strontium	88-1	4997.62	5020.22	5181.88	5066.57	1.98	ppb
Sulfur	34-1	9478.26	9129.63	9845.80	9484.56	3.78	ppb
Terbium	159-1				105		%
Terbium	159-2				105		%
Thallium	203-1	488.55	472.25	506.52	489.11	3.50	ppb
Thallium	205-1	497.13	490.96	492.24	493.44	0.66	ppb
Tin	118-1	507.34	507.57	506.64	507.18	0.10	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5527.10	5538.53	5532.92	5532.85	0.10	ppb
Uranium	238-1	494.53	483.97	488.53	489.01	1.08	ppb
Vanadium	51-2	499.40	492.70	511.66	501.25	1.92	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	4808.80	4827.03	4817.37	4817.73	0.19	ppb
Zirconium	90-1	498.44	513.81	522.62	511.62	2.39	ppb
Zirconium	91-1	470.77	488.30	494.70	484.59	2.56	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	364.97	311.25	346.70	340.97	8.01	ppb
Antimony	121-1	0.06	0.11	0.09	0.08	26.58	ppb
Arsenic	75-2	0.56	0.40	0.29	0.42	32.50	ppb
Barium	135-1	97.46	96.63	100.94	98.34	2.33	ppb
Barium	137-1	97.30	98.00	102.92	99.41	3.08	ppb
Beryllium	9-1	0.03	0.04	0.07	0.05	49.93	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	59.81	65.51	67.36	64.23	6.13	ppb
Boron	11-1	61.29	66.13	69.32	65.58	6.17	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.23	-0.16	0.03	-0.12		ppb
Cadmium	106-1	-3.57	-2.41	-0.31	-2.10		ppb
Cadmium	108-1	-0.38	-0.21	-0.25	-0.28		ppb
Calcium	43-1	39523.18	38717.98	38135.02	38792.06	1.80	ppb
Calcium	44-1	40136.60	39235.92	39464.64	39612.39	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.01	1.83	1.90	1.91	4.55	ppb
Cobalt	59-2	0.32	0.28	0.27	0.29	8.19	ppb
Copper	63-2	1.35	1.24	1.18	1.26	6.65	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				103		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	54-2	333.39	281.77	318.38	311.18	8.53	ppb
Iron	56-2	307.73	295.25	318.08	307.02	3.72	ppb
Iron	57-2	355.57	290.81	341.66	329.35	10.35	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.91	1.96	1.85	1.91	2.74	ppb
Lead	207-1	1.93	1.78	1.78	1.83	4.88	ppb
Lead	208-1	1.82	1.86	1.84	1.84	1.00	ppb
Lithium	6-1				108		%
Magnesium	24-2	11874.57	10925.53	11542.24	11447.45	4.21	ppb
Manganese	55-2	8.81	8.01	8.22	8.34	4.96	ppb
Molybdenum	94-1	1.29	0.97	0.83	1.03	22.89	ppb
Molybdenum	95-1	0.81	0.61	0.71	0.71	13.82	ppb
Molybdenum	96-1	0.83	0.68	0.71	0.74	10.87	ppb
Molybdenum	97-1	0.75	0.83	0.75	0.78	6.30	ppb
Molybdenum	98-1	0.66	0.71	0.64	0.67	5.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.38	1.60	1.52	8.03	ppb
Phosphorus	31-2	36.99	1.68	39.98	26.22	81.24	ppb
Potassium	39-2	2430.43	2196.47	2332.86	2319.92	5.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	82-1	1.64	1.54	2.34	1.84	23.61	ppb
Selenium	77-2	0.56	-0.95	1.98	0.53	276.00	ppb
Selenium	78-2	2.18	3.36	3.03	2.86	21.31	ppb
Silicon	28-1	749.40	767.14	709.24	741.93	4.00	ppb
Silver	107-1	0.10	0.05	0.07	0.07	31.95	ppb
Silver	109-1	0.08	0.08	0.07	0.08	6.27	ppb
Sodium	23-2	36927.15	34452.43	35969.39	35782.99	3.49	ppb
Strontium	86-1	278.15	297.32	287.89	287.79	3.33	ppb
Strontium	88-1	296.69	299.66	299.25	298.53	0.54	ppb
Sulfur	34-1	13486.15	12988.36	12495.06	12989.86	3.81	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.00	-0.02	0.00	-0.01		ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	2197.30	ppb
Tin	118-1	0.24	0.22	0.34	0.27	24.70	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.67	7.96	8.85	8.49	5.49	ppb
Uranium	238-1	0.17	0.16	0.17	0.16	3.97	ppb
Vanadium	51-2	1.95	1.69	1.98	1.87	8.47	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	23.86	21.92	23.41	23.06	4.41	ppb
Zirconium	90-1	0.20	0.18	0.19	0.19	6.89	ppb
Zirconium	91-1	0.20	0.23	0.33	0.25	26.65	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.71	2.61	1.69	2.00	26.17	ppb
Antimony	121-1	0.07	0.03	0.03	0.04	67.03	ppb
Arsenic	75-2	0.01	0.01	0.02	0.01	59.19	ppb
Barium	135-1	0.45	0.11	0.09	0.22	95.15	ppb
Barium	137-1	0.51	0.11	0.11	0.24	96.03	ppb
Beryllium	9-1	0.06	0.02	0.03	0.04	53.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	19.30	18.88	17.25	18.47	5.86	ppb
Boron	11-1	18.25	18.40	16.38	17.68	6.37	ppb
Bromine	81-1						cps
Cadmium	111-1	0.02	-0.08	-0.04	-0.03		ppb
Cadmium	106-1	0.33	-0.70	-0.63	-0.33		ppb
Cadmium	108-1	1.01	0.22	-0.08	0.39	146.57	ppb
Calcium	43-1	46.68	22.87	20.17	29.90	48.79	ppb
Calcium	44-1	54.18	35.45	31.11	40.24	30.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.10	0.20	0.15	0.15	33.39	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.25	0.20	0.22	0.22	11.51	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				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	3.62	6.06	3.81	4.50	30.15	ppb
Iron	56-2	4.04	4.48	4.48	4.33	5.82	ppb
Iron	57-2	6.23	5.25	3.98	5.15	21.93	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.29	0.16	0.15	0.20	40.46	ppb
Lead	207-1	0.22	0.18	0.16	0.18	16.86	ppb
Lead	208-1	0.28	0.18	0.16	0.20	31.55	ppb
Lithium	6-1				105		%
Magnesium	24-2	3.92	2.62	3.12	3.22	20.36	ppb
Manganese	55-2	0.43	0.58	0.45	0.49	16.76	ppb
Molybdenum	94-1	0.61	0.07	0.09	0.26	119.62	ppb
Molybdenum	95-1	0.65	0.10	0.08	0.28	116.38	ppb
Molybdenum	96-1	0.74	0.08	0.07	0.29	130.96	ppb
Molybdenum	97-1	0.72	0.15	0.08	0.32	111.09	ppb
Molybdenum	98-1	0.72	0.09	0.11	0.31	116.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.08	0.05	73.70	ppb
Phosphorus	31-2	-52.61	-55.86	-29.47	-45.98		ppb
Potassium	39-2	-4.55	11.60	11.05	6.03	151.97	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	82-1	0.73	0.60	0.36	0.56	33.09	ppb
Selenium	77-2	3.65	-0.95	-0.95	0.58	457.25	ppb
Selenium	78-2	-1.90	1.42	-0.15	-0.21		ppb
Silicon	28-1	1.01	1.32	0.86	1.07	21.87	ppb
Silver	107-1	0.02	0.00	0.00	0.01	209.81	ppb
Silver	109-1	0.02	0.01	0.01	0.01	62.18	ppb
Sodium	23-2	22.24	22.83	17.73	20.93	13.32	ppb
Strontium	86-1	0.94	0.10	0.19	0.41	112.68	ppb
Strontium	88-1	0.86	0.12	0.15	0.38	111.05	ppb
Sulfur	34-1	-1135.96	-381.88	-1052.99	-856.94		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	0.02	-0.03	-0.01		ppb
Thallium	205-1	0.00	-0.02	-0.01	-0.01		ppb
Tin	118-1	0.19	0.20	0.21	0.20	5.30	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.11	0.07	0.17	77.11	ppb
Uranium	238-1	0.02	0.00	0.00	0.01	173.56	ppb
Vanadium	51-2	0.01	0.00	0.02	0.01	107.03	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	31.76	31.48	33.43	32.22	3.27	ppb
Zirconium	90-1	0.06	0.01	0.01	0.03	97.42	ppb
Zirconium	91-1	0.04	0.01	-0.02	0.01	331.05	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	354.99	335.39	328.79	339.73	4.01	ppb
Antimony	121-1	0.08	0.07	0.07	0.07	7.50	ppb
Arsenic	75-2	0.34	0.38	0.38	0.37	5.60	ppb
Barium	135-1	93.38	95.76	97.19	95.44	2.02	ppb
Barium	137-1	95.98	94.90	98.60	96.49	1.97	ppb
Beryllium	9-1	0.06	0.03	0.04	0.04	31.01	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	57.98	59.23	63.88	60.36	5.15	ppb
Boron	11-1	63.21	60.72	66.56	63.50	4.61	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.19	0.02	-0.03	-0.07		ppb
Cadmium	106-1	-2.53	0.37	-0.78	-0.98		ppb
Cadmium	108-1	-0.02	0.41	-0.01	0.13	191.94	ppb
Calcium	43-1	36946.12	37852.76	38198.32	37665.73	1.72	ppb
Calcium	44-1	37496.72	38874.23	39419.21	38596.72	2.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.15	1.92	1.97	2.01	6.00	ppb
Cobalt	59-2	0.25	0.26	0.27	0.26	3.74	ppb
Copper	63-2	1.25	1.23	1.22	1.23	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	54-2	303.05	303.51	311.81	306.13	1.61	ppb
Iron	56-2	303.24	316.87	303.52	307.88	2.53	ppb
Iron	57-2	347.71	346.51	331.10	341.78	2.71	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.94	1.96	1.88	1.93	2.14	ppb
Lead	207-1	1.59	1.64	1.65	1.63	2.01	ppb
Lead	208-1	1.72	1.79	1.77	1.76	1.94	ppb
Lithium	6-1				102		%
Magnesium	24-2	11907.43	11099.25	10926.80	11311.16	4.63	ppb
Manganese	55-2	8.06	8.47	8.44	8.32	2.76	ppb
Molybdenum	94-1	0.90	1.08	0.84	0.94	13.40	ppb
Molybdenum	95-1	0.49	0.52	0.56	0.52	6.69	ppb
Molybdenum	96-1	0.57	0.65	0.56	0.59	8.68	ppb
Molybdenum	97-1	0.51	0.53	0.58	0.54	6.75	ppb
Molybdenum	98-1	0.46	0.55	0.51	0.51	8.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.50	1.48	1.58	1.52	3.42	ppb
Phosphorus	31-2	53.64	1.30	2.05	19.00	157.94	ppb
Potassium	39-2	2382.77	2387.18	2350.63	2373.53	0.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	2.54	2.18	0.80	1.84	50.05	ppb
Selenium	77-2	-0.95	0.56	0.58	0.06	1403.94	ppb
Selenium	78-2	1.21	1.76	1.47	1.48	18.44	ppb
Silicon	28-1	734.48	711.79	716.96	721.08	1.65	ppb
Silver	107-1	0.06	0.06	0.05	0.06	6.97	ppb
Silver	109-1	0.05	0.05	0.05	0.05	5.62	ppb
Sodium	23-2	37026.57	37725.23	36341.10	37030.97	1.87	ppb
Strontium	86-1	283.07	280.83	282.04	281.98	0.40	ppb
Strontium	88-1	292.00	293.54	291.78	292.44	0.33	ppb
Sulfur	34-1	11805.14	12467.64	13104.98	12459.25	5.22	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	0.00	-0.02	-0.02	-0.02		ppb
Thallium	205-1	0.00	-0.03	0.00	-0.01		ppb
Tin	118-1	0.22	0.17	0.19	0.19	12.43	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	8.82	8.46	9.90	9.06	8.29	ppb
Uranium	238-1	0.17	0.16	0.16	0.16	1.82	ppb
Vanadium	51-2	1.76	1.83	1.86	1.81	2.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	23.06	22.01	21.27	22.11	4.06	ppb
Zirconium	90-1	0.20	0.16	0.20	0.18	10.50	ppb
Zirconium	91-1	0.17	0.26	0.17	0.20	25.37	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	63.44	67.36	66.22	65.67	3.07	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	34.53	ppb
Arsenic	75-2	0.10	0.04	0.02	0.05	71.47	ppb
Barium	135-1	18.82	20.22	19.75	19.60	3.64	ppb
Barium	137-1	19.12	19.23	18.31	18.89	2.65	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	96.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	17.21	18.35	18.57	18.04	4.04	ppb
Boron	11-1	18.02	19.47	19.51	19.00	4.47	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.11	-0.08	-0.16	-0.12		ppb
Cadmium	106-1	-1.27	-0.90	-2.07	-1.41		ppb
Cadmium	108-1	-0.15	0.29	0.04	0.06	359.64	ppb
Calcium	43-1	7589.95	7537.54	7454.08	7527.19	0.91	ppb
Calcium	44-1	7786.83	7887.02	8016.30	7896.71	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.27	0.36	0.38	0.34	18.03	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	13.75	ppb
Copper	63-2	0.29	0.24	0.21	0.25	16.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	54-2	59.74	54.89	56.44	57.02	4.35	ppb
Iron	56-2	58.37	63.29	59.19	60.29	4.37	ppb
Iron	57-2	64.97	56.47	67.66	63.03	9.27	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.34	0.34	0.43	0.37	14.71	ppb
Lead	207-1	0.36	0.37	0.26	0.33	18.77	ppb
Lead	208-1	0.36	0.36	0.33	0.35	4.22	ppb
Lithium	6-1				108		%
Magnesium	24-2	2261.86	2200.72	2226.14	2229.57	1.38	ppb
Manganese	55-2	1.79	1.63	1.79	1.74	5.27	ppb
Molybdenum	94-1	0.31	0.23	0.08	0.21	55.83	ppb
Molybdenum	95-1	0.11	0.14	0.12	0.13	9.14	ppb
Molybdenum	96-1	0.08	0.18	0.10	0.12	46.03	ppb
Molybdenum	97-1	0.15	0.08	0.13	0.12	29.90	ppb
Molybdenum	98-1	0.10	0.11	0.11	0.11	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.21	0.20	0.22	12.93	ppb
Phosphorus	31-2	-36.42	-16.72	-47.86	-33.67		ppb
Potassium	39-2	477.73	459.56	436.78	458.02	4.48	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.20	1.06	1.51	1.25	18.34	ppb
Selenium	77-2	0.56	2.01	0.56	1.04	80.60	ppb
Selenium	78-2	0.28	0.79	0.29	0.45	64.76	ppb
Silicon	28-1	137.31	137.99	140.05	138.45	1.03	ppb
Silver	107-1	0.01	0.00	0.02	0.01	121.08	ppb
Silver	109-1	0.01	0.01	0.02	0.02	58.48	ppb
Sodium	23-2	7730.18	7198.19	7305.85	7411.41	3.79	ppb
Strontium	86-1	52.26	57.55	56.37	55.39	5.02	ppb
Strontium	88-1	54.59	56.55	55.98	55.70	1.81	ppb
Sulfur	34-1	1682.23	1883.19	1651.56	1738.99	7.23	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	0.00	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.09	0.05	0.02	0.06	58.21	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.45	1.18	1.68	1.44	17.38	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	5.20	ppb
Vanadium	51-2	0.37	0.28	0.31	0.32	13.78	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	7.43	6.54	7.31	7.09	6.83	ppb
Zirconium	90-1	0.03	0.08	0.04	0.05	49.33	ppb
Zirconium	91-1	0.02	0.04	0.06	0.04	50.47	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MS	Instrumnet Name :	P8
Client Sample ID :	P-1MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:25:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9726.72	9826.91	10085.26	9879.63	1.87	ppb
Antimony	121-1	553.47	560.32	571.30	561.69	1.60	ppb
Arsenic	75-2	550.26	552.35	563.54	555.38	1.29	ppb
Barium	135-1	2659.76	2724.92	2741.56	2708.75	1.60	ppb
Barium	137-1	2563.86	2636.00	2758.04	2652.63	3.70	ppb
Beryllium	9-1	527.69	535.04	550.12	537.62	2.13	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	282.38	299.30	325.02	302.23	7.11	ppb
Boron	11-1	283.98	302.25	325.54	303.92	6.85	ppb
Bromine	81-1						cps
Cadmium	111-1	532.32	535.46	546.34	538.04	1.37	ppb
Cadmium	106-1	510.43	543.78	537.55	530.59	3.34	ppb
Cadmium	108-1	520.82	528.97	532.28	527.36	1.12	ppb
Calcium	43-1	39370.72	39665.14	40924.00	39986.62	2.06	ppb
Calcium	44-1	40530.49	40489.08	41512.46	40844.01	1.42	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	539.53	548.14	566.35	551.34	2.48	ppb
Cobalt	59-2	513.19	522.62	533.84	523.22	1.98	ppb
Copper	63-2	5572.19	5528.56	5820.59	5640.45	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				94		%
Iron	54-2	27266.38	26501.97	27907.84	27225.40	2.59	ppb
Iron	56-2	26489.42	25936.37	27857.25	26761.01	3.70	ppb
Iron	57-2	24691.87	24610.88	25615.24	24972.66	2.23	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MS	Instrumnet Name :	P8
Client Sample ID :	P-1MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:25:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2582.19	2642.75	2661.73	2628.89	1.58	ppb
Lead	207-1	2571.42	2677.51	2784.15	2677.69	3.97	ppb
Lead	208-1	2570.38	2630.80	2730.97	2644.05	3.07	ppb
Lithium	6-1				106		%
Magnesium	24-2	61135.85	63074.15	65165.99	63125.33	3.19	ppb
Manganese	55-2	5601.26	5564.11	5855.17	5673.51	2.79	ppb
Molybdenum	94-1	3153.99	3106.96	3265.15	3175.37	2.56	ppb
Molybdenum	95-1	2654.91	2544.21	2672.96	2624.03	2.66	ppb
Molybdenum	96-1	2676.71	2660.39	2738.22	2691.77	1.52	ppb
Molybdenum	97-1	2566.41	2647.10	2649.22	2620.91	1.80	ppb
Molybdenum	98-1	2569.54	2591.04	2565.45	2575.35	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	530.33	534.13	561.79	542.08	3.17	ppb
Phosphorus	31-2	35.72	5.50	47.45	29.56	73.22	ppb
Potassium	39-2	27884.32	28260.66	28965.54	28370.17	1.93	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	82-1	536.81	540.13	548.56	541.83	1.12	ppb
Selenium	77-2	529.49	506.14	462.59	499.40	6.80	ppb
Selenium	78-2	523.34	525.67	537.00	528.67	1.38	ppb
Silicon	28-1	748.56	750.51	772.03	757.03	1.72	ppb
Silver	107-1	381.84	322.43	338.71	347.66	8.83	ppb
Silver	109-1	443.00	432.52	293.61	389.71	21.40	ppb
Sodium	23-2	87377.94	86934.24	91075.17	88462.45	2.57	ppb
Strontium	86-1	5543.79	5686.23	5696.61	5642.21	1.51	ppb
Strontium	88-1	5584.93	5755.33	5660.67	5666.98	1.51	ppb
Sulfur	34-1	13000.82	13356.91	14136.08	13497.94	4.30	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	543.60	540.88	535.99	540.16	0.71	ppb
Thallium	205-1	532.67	527.14	551.83	537.21	2.41	ppb
Tin	118-1	508.16	516.35	532.90	519.14	2.43	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MS	Instrumnet Name :	P8
Client Sample ID :	P-1MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:25:32	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2537.53	2557.02	2602.10	2565.55	1.29	ppb
Uranium	238-1	538.66	540.14	549.69	542.83	1.10	ppb
Vanadium	51-2	534.88	541.43	566.06	547.46	3.00	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	5375.92	5301.73	5562.22	5413.29	2.48	ppb
Zirconium	90-1	533.77	542.26	539.98	538.67	0.82	ppb
Zirconium	91-1	504.97	495.48	521.73	507.39	2.62	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MSD	Instrumnet Name :	P8
Client Sample ID :	P-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:28:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9880.39	9856.98	9676.52	9804.63	1.14	ppb
Antimony	121-1	540.13	564.20	546.16	550.16	2.28	ppb
Arsenic	75-2	536.81	533.52	553.26	541.20	1.95	ppb
Barium	135-1	2673.25	2693.14	2622.09	2662.83	1.38	ppb
Barium	137-1	2602.42	2649.19	2613.31	2621.64	0.93	ppb
Beryllium	9-1	532.52	558.95	535.04	542.17	2.69	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	299.34	336.73	328.55	321.54	6.11	ppb
Boron	11-1	310.57	333.41	330.58	324.85	3.83	ppb
Bromine	81-1						cps
Cadmium	111-1	528.53	548.70	540.97	539.40	1.89	ppb
Cadmium	106-1	511.02	542.16	525.74	526.30	2.96	ppb
Cadmium	108-1	512.58	525.90	521.86	520.11	1.31	ppb
Calcium	43-1	95600.47	92636.82	90341.13	92859.47	2.84	ppb
Calcium	44-1	89754.75	90921.23	88284.84	89653.61	1.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	536.38	542.45	541.44	540.09	0.60	ppb
Cobalt	59-2	518.96	510.72	511.64	513.77	0.88	ppb
Copper	63-2	5514.92	5538.10	5553.70	5535.57	0.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	54-2	27496.74	27737.66	27207.49	27480.63	0.97	ppb
Iron	56-2	26448.60	26813.38	25833.88	26365.29	1.88	ppb
Iron	57-2	24691.16	24893.77	24263.35	24616.09	1.31	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MSD	Instrumnet Name :	P8
Client Sample ID :	P-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:28:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2646.41	2725.12	2582.19	2651.24	2.70	ppb
Lead	207-1	2689.35	2683.18	2616.51	2663.01	1.52	ppb
Lead	208-1	2652.78	2633.01	2567.03	2617.61	1.72	ppb
Lithium	6-1				107		%
Magnesium	24-2	63659.56	63813.08	62913.31	63461.98	0.76	ppb
Manganese	55-2	5696.32	5784.91	5542.60	5674.61	2.16	ppb
Molybdenum	94-1	3134.39	3042.42	3096.71	3091.17	1.50	ppb
Molybdenum	95-1	2567.17	2496.40	2539.78	2534.45	1.41	ppb
Molybdenum	96-1	2641.88	2538.85	2554.64	2578.46	2.15	ppb
Molybdenum	97-1	2596.73	2468.68	2505.09	2523.50	2.61	ppb
Molybdenum	98-1	2568.31	2440.04	2478.48	2495.61	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	538.06	548.19	533.62	539.96	1.38	ppb
Phosphorus	31-2	41.86	15.70	-7.24	16.77	146.49	ppb
Potassium	39-2	28332.01	28749.21	28455.73	28512.32	0.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	82-1	534.78	525.43	520.75	526.99	1.36	ppb
Selenium	77-2	535.66	516.37	539.22	530.42	2.32	ppb
Selenium	78-2	517.07	504.36	517.08	512.83	1.43	ppb
Silicon	28-1	765.55	778.09	762.89	768.84	1.06	ppb
Silver	107-1	391.63	306.77	361.71	353.37	12.18	ppb
Silver	109-1	322.54	285.38	371.41	326.45	13.22	ppb
Sodium	23-2	88269.59	91608.72	87474.03	89117.45	2.46	ppb
Strontium	86-1	5543.99	5356.90	5479.14	5460.01	1.74	ppb
Strontium	88-1	5440.80	5515.12	5489.30	5481.74	0.69	ppb
Sulfur	34-1	13646.86	14123.36	12628.71	13466.31	5.67	ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	529.98	558.22	485.99	524.73	6.94	ppb
Thallium	205-1	532.74	554.72	520.69	536.05	3.22	ppb
Tin	118-1	517.60	533.08	516.92	522.53	1.75	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MSD	Instrumnet Name :	P8
Client Sample ID :	P-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:28:28	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2616.51	2621.60	2542.14	2593.42	1.72	ppb
Uranium	238-1	549.81	541.17	526.56	539.18	2.18	ppb
Vanadium	51-2	546.73	559.12	539.61	548.49	1.80	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	5257.53	5350.29	5176.90	5261.57	1.65	ppb
Zirconium	90-1	532.46	521.31	514.40	522.72	1.74	ppb
Zirconium	91-1	499.11	488.59	489.49	492.40	1.18	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9393.69	9237.00	9129.58	9253.42	1.44	ppb
Antimony	121-1	527.67	528.59	519.01	525.09	1.01	ppb
Arsenic	75-2	517.17	525.48	510.54	517.73	1.45	ppb
Barium	135-1	2527.09	2563.12	2536.38	2542.20	0.74	ppb
Barium	137-1	2531.63	2518.43	2578.10	2542.72	1.23	ppb
Beryllium	9-1	519.03	510.64	518.29	515.99	0.90	ppb
Bismuth	209-1				100		%
Bismuth	209-2				93		%
Boron	10-1	310.28	309.96	335.64	318.62	4.62	ppb
Boron	11-1	312.53	323.42	328.72	321.56	2.57	ppb
Bromine	81-1						cps
Cadmium	111-1	522.37	503.14	510.87	512.13	1.89	ppb
Cadmium	106-1	514.56	507.47	504.39	508.80	1.03	ppb
Cadmium	108-1	513.29	491.34	512.18	505.60	2.45	ppb
Calcium	43-1	67002.86	64116.80	66076.45	65732.04	2.24	ppb
Calcium	44-1	68861.08	65774.66	68430.89	67688.88	2.47	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	520.27	506.29	496.45	507.67	2.36	ppb
Cobalt	59-2	488.48	480.87	480.36	483.24	0.94	ppb
Copper	63-2	5351.24	5272.27	5133.32	5252.28	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	54-2	23890.11	23518.83	23393.47	23600.80	1.09	ppb
Iron	56-2	25417.86	24625.37	25016.49	25019.91	1.58	ppb
Iron	57-2	23649.56	23096.83	23075.98	23274.12	1.40	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2576.75	2405.33	2419.68	2467.26	3.85	ppb
Lead	207-1	2591.99	2446.29	2488.85	2509.04	2.99	ppb
Lead	208-1	2546.10	2464.49	2425.88	2478.82	2.48	ppb
Lithium	6-1				106		%
Magnesium	24-2	61257.25	58433.43	59086.26	59592.31	2.48	ppb
Manganese	55-2	5398.31	5310.33	5226.80	5311.81	1.61	ppb
Molybdenum	94-1	2864.63	2879.00	2938.41	2894.01	1.35	ppb
Molybdenum	95-1	2409.46	2380.95	2427.02	2405.81	0.97	ppb
Molybdenum	96-1	2437.66	2441.54	2483.28	2454.16	1.03	ppb
Molybdenum	97-1	2356.84	2394.90	2435.70	2395.81	1.65	ppb
Molybdenum	98-1	2391.12	2348.46	2421.07	2386.88	1.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.62	497.66	508.29	506.86	1.69	ppb
Phosphorus	31-2	7.32	37.71	88.93	44.65	92.37	ppb
Potassium	39-2	26446.17	26201.51	26291.04	26312.91	0.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	82-1	498.00	500.18	502.70	500.30	0.47	ppb
Selenium	77-2	515.71	462.07	488.11	488.63	5.49	ppb
Selenium	78-2	505.68	501.31	475.44	494.14	3.31	ppb
Silicon	28-1	751.56	719.06	756.18	742.27	2.73	ppb
Silver	107-1	441.64	408.54	414.43	421.54	4.19	ppb
Silver	109-1	568.65	460.17	462.06	496.96	12.50	ppb
Sodium	23-2	84686.35	84167.33	82870.49	83908.06	1.11	ppb
Strontium	86-1	5160.47	5273.04	5357.61	5263.70	1.88	ppb
Strontium	88-1	5259.73	5298.34	5274.29	5277.46	0.37	ppb
Sulfur	34-1	13250.43	12180.37	13193.12	12874.64	4.68	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	536.00	498.25	477.33	503.86	5.90	ppb
Thallium	205-1	530.60	499.74	486.13	505.49	4.51	ppb
Tin	118-1	511.61	483.26	498.84	497.90	2.85	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2438.07	2322.30	2376.50	2378.96	2.43	ppb
Uranium	238-1	522.48	533.75	505.66	520.63	2.71	ppb
Vanadium	51-2	525.14	507.58	514.07	515.60	1.72	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				95		%
Zinc	66-2	5023.30	4973.59	4858.81	4951.90	1.70	ppb
Zirconium	90-1	495.29	492.78	495.53	494.53	0.31	ppb
Zirconium	91-1	467.38	467.00	474.57	469.65	0.91	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:38:03	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52993.64	51186.61	49575.50	51251.92	3.34	ppb
Antimony	121-1	514.84	517.39	513.40	515.21	0.39	ppb
Arsenic	75-2	543.99	522.26	512.97	526.41	3.02	ppb
Barium	135-1	2599.63	2568.65	2668.54	2612.27	1.96	ppb
Barium	137-1	2526.99	2588.42	2547.84	2554.42	1.22	ppb
Beryllium	9-1	482.71	500.65	505.88	496.41	2.45	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	557.02	585.67	610.53	584.41	4.58	ppb
Boron	11-1	556.60	599.36	618.49	591.48	5.36	ppb
Bromine	81-1						cps
Cadmium	111-1	486.97	489.27	495.04	490.42	0.85	ppb
Cadmium	106-1	471.41	484.53	477.42	477.79	1.37	ppb
Cadmium	108-1	483.20	505.91	489.66	492.92	2.37	ppb
Calcium	43-1	233875.48	240543.31	249790.23	241403.01	3.31	ppb
Calcium	44-1	232852.11	239398.85	242195.73	238148.90	2.01	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	527.60	495.17	492.98	505.25	3.84	ppb
Cobalt	59-2	519.53	497.86	497.26	504.89	2.51	ppb
Copper	63-2	5372.38	5087.89	4990.68	5150.32	3.85	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				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	54-2	129484.20	124913.79	124528.58	126308.86	2.18	ppb
Iron	56-2	127488.39	124014.75	124119.14	125207.43	1.58	ppb
Iron	57-2	129555.27	126381.38	123697.53	126544.73	2.32	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:38:03	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2584.91	2588.02	2701.83	2624.92	2.54	ppb
Lead	207-1	2651.99	2577.84	2717.99	2649.27	2.65	ppb
Lead	208-1	2586.10	2591.23	2664.27	2613.87	1.67	ppb
Lithium	6-1				119		%
Magnesium	24-2	265626.15	252847.65	241760.26	253411.35	4.71	ppb
Manganese	55-2	5249.28	5119.49	5114.43	5161.07	1.48	ppb
Molybdenum	94-1	5705.88	5620.40	5882.15	5736.14	2.33	ppb
Molybdenum	95-1	5648.37	5588.84	5829.55	5688.92	2.20	ppb
Molybdenum	96-1	5801.45	5603.76	5930.38	5778.53	2.85	ppb
Molybdenum	97-1	5798.13	5607.43	5805.69	5737.08	1.96	ppb
Molybdenum	98-1	5727.33	5630.08	5744.99	5700.80	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	552.58	519.55	530.10	534.08	3.16	ppb
Phosphorus	31-2	10324.08	9530.96	9638.85	9831.30	4.38	ppb
Potassium	39-2	129980.03	119537.32	125449.93	124989.09	4.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	82-1	543.37	536.22	550.69	543.43	1.33	ppb
Selenium	77-2	533.72	531.49	551.39	538.87	2.02	ppb
Selenium	78-2	549.24	511.96	538.24	533.15	3.59	ppb
Silicon	28-1	556.47	566.81	576.39	566.56	1.76	ppb
Silver	107-1	538.88	550.60	528.29	539.26	2.07	ppb
Silver	109-1	537.41	552.55	559.89	549.95	2.08	ppb
Sodium	23-2	258596.30	248036.00	249791.34	252141.22	2.24	ppb
Strontium	86-1	5093.61	4991.25	5247.30	5110.72	2.52	ppb
Strontium	88-1	5229.20	5013.68	5226.06	5156.31	2.40	ppb
Sulfur	34-1	9076.26	9017.93	9699.15	9264.45	4.08	ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	520.21	523.86	538.74	527.60	1.86	ppb
Thallium	205-1	506.39	521.51	537.20	521.70	2.95	ppb
Tin	118-1	522.17	530.80	503.24	518.73	2.72	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:38:03	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5630.88	5560.46	5646.91	5612.75	0.82	ppb
Uranium	238-1	528.59	532.22	529.61	530.14	0.35	ppb
Vanadium	51-2	520.98	504.59	497.55	507.71	2.37	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	4955.60	4694.24	4685.50	4778.45	3.21	ppb
Zirconium	90-1	529.44	519.02	524.40	524.29	0.99	ppb
Zirconium	91-1	501.34	501.08	510.23	504.22	1.03	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:48:06	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.15	0.51	0.17	0.18	184.66	ppb
Antimony	121-1	0.05	0.06	0.11	0.07	36.59	ppb
Arsenic	75-2	0.03	0.01	0.00	0.01	99.71	ppb
Barium	135-1	0.06	0.04	0.04	0.05	19.96	ppb
Barium	137-1	0.05	0.02	0.03	0.03	44.70	ppb
Beryllium	9-1	0.09	0.09	0.07	0.08	16.72	ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	21.71	23.29	21.31	22.10	4.73	ppb
Boron	11-1	20.65	22.44	21.42	21.50	4.18	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.06	-0.12	-0.07	-0.08		ppb
Cadmium	106-1	-0.88	-1.77	-1.35	-1.33		ppb
Cadmium	108-1	0.08	0.13	-0.10	0.04	339.71	ppb
Calcium	43-1	-2.27	-4.15	-1.90	-2.77		ppb
Calcium	44-1	4.14	5.79	4.33	4.75	18.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.10	-0.01	-0.04		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.04	0.06	0.05	26.60	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				104		%
Indium	115-2				101		%
Iron	54-2	1.17	2.13	2.07	1.79	29.84	ppb
Iron	56-2	0.26	0.80	0.90	0.65	53.11	ppb
Iron	57-2	-3.08	0.31	1.95	-0.27		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:48:06	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.09	0.09	0.08	25.73	ppb
Lead	207-1	0.04	0.07	0.07	0.06	28.17	ppb
Lead	208-1	0.08	0.08	0.09	0.08	8.69	ppb
Lithium	6-1				112		%
Magnesium	24-2	1.33	2.03	2.19	1.85	24.94	ppb
Manganese	55-2	0.02	0.04	0.05	0.03	45.87	ppb
Molybdenum	94-1	0.22	0.25	0.10	0.19	40.11	ppb
Molybdenum	95-1	0.30	0.28	0.16	0.25	31.43	ppb
Molybdenum	96-1	0.27	0.19	0.22	0.23	18.55	ppb
Molybdenum	97-1	0.25	0.23	0.21	0.23	9.07	ppb
Molybdenum	98-1	0.27	0.24	0.15	0.22	28.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.09	-0.07		ppb
Phosphorus	31-2	-59.44	-43.93	-10.08	-37.82		ppb
Potassium	39-2	4.64	3.76	-7.65	0.25	2726.11	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	82-1	0.03	0.48	-0.43	0.02	1878.40	ppb
Selenium	77-2	-0.95	-0.95	-0.95	-0.95		ppb
Selenium	78-2	0.90	-0.87	1.06	0.37	292.24	ppb
Silicon	28-1	-0.66	-0.32	-0.62	-0.53		ppb
Silver	107-1	0.21	0.23	0.23	0.23	4.39	ppb
Silver	109-1	0.29	0.22	0.25	0.25	13.34	ppb
Sodium	23-2	15.06	16.57	15.21	15.62	5.32	ppb
Strontium	86-1	0.17	0.05	-0.06	0.05	213.52	ppb
Strontium	88-1	0.12	0.09	0.07	0.09	25.65	ppb
Sulfur	34-1	-453.97	-270.57	-332.20	-352.25		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.01	0.00	0.02	107.05	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	2.16	ppb
Tin	118-1	0.01	0.01	-0.04	0.00		ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:48:06	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.02	0.01	0.02	0.01	393.06	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	66.41	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	154.82	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	-0.06	0.08	0.26	0.09	175.66	ppb
Zirconium	90-1	0.01	0.04	-0.01	0.01	173.42	ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	232.94	ppb

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	81	49	57	62	26.91	cps
Antimony	121-1	75	67	0	47	87.05	cps
Arsenic	75-2	2	8	7	6	56.73	cps
Barium	135-1	17	8	33	19	65.47	cps
Barium	137-1	58	33	42	44	28.65	cps
Beryllium	9-1	48	48	48	48	0.00	cps
Bismuth	209-1	2815329	2999668	2758487	2857828	4.41	cps
Bismuth	209-2	1780961	1736509	1781561	1766344	1.46	cps
Boron	10-1	1154	1064	1082	1100	4.33	cps
Boron	11-1	5606	5516	5384	5502	2.03	cps
Bromine	81-1	21579	21990	21669	21746	0.99	cps
Cadmium	111-1	1182	1096	1086	1121	4.69	cps
Cadmium	106-1	1683	1583	1542	1603	4.54	cps
Cadmium	108-1	25	42	38	35	24.98	cps
Calcium	43-1	286	292	265	281	5.13	cps
Calcium	44-1	14821	14880	14716	14805	0.56	cps
Carbon	12-1	3772564	3728371	3747991	3749642	0.59	cps
Carbon	12-2	35853	35452	35443	35582	0.66	cps
Chlorine	35-1	270496	270927	269959	270461	0.18	cps
Chlorine	35-2	1950	1934	1742	1875	6.17	cps
Chromium	52-2	487	583	647	572	14.08	cps
Cobalt	59-2	70	90	57	72	23.23	cps
Copper	63-2	577	550	640	589	7.85	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	50	25	36	35.25	cps
Erbium	164-2	7	17	7	10	57.72	cps
Gadolinium	160-1	33	58	25	39	44.62	cps
Gadolinium	160-2	17	33	33	28	34.63	cps
Holmium	165-1	4932148	4920862	4863614	4905541	0.75	cps
Holmium	165-2	2525549	2462321	2628528	2538799	3.30	cps
Indium	115-1	4712762	4694219	4647106	4684696	0.72	cps
Indium	115-2	734990	725358	739165	733171	0.97	cps
Iron	54-2	422	411	356	396	9.01	cps
Iron	56-2	2728	2673	2523	2641	4.03	cps
Iron	57-2	156	150	183	163	10.96	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	580	527	554	4.82	cps
Lead	206-1	567	556	489	537	7.83	cps
Lead	207-1	517	439	517	491	9.15	cps
Lead	208-1	2167	2045	2033	2082	3.55	cps
Lithium	6-1	1696835	1662644	1619262	1659580	2.34	cps
Magnesium	24-2	283	267	400	317	22.94	cps
Manganese	55-2	43	40	53	46	15.23	cps
Molybdenum	94-1	208	200	200	203	2.37	cps
Molybdenum	95-1	67	83	0	50	88.19	cps
Molybdenum	96-1	150	150	158	153	3.15	cps
Molybdenum	97-1	25	8	42	25	66.68	cps
Molybdenum	98-1	117	92	108	106	12.06	cps
Neodymium	150-1	13	7	27	16	65.47	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	160	130	157	149	11.04	cps
Phosphorus	31-2	175	200	133	169	19.88	cps
Potassium	39-2	14700	15242	14149	14697	3.72	cps
Rhodium	103-1	4435356	4518504	4509398	4487753	1.02	cps
Rhodium	103-2	2140005	2135675	2172244	2149308	0.93	cps
Scandium	45-1	3539386	3499471	3537926	3525594	0.64	cps
Scandium	45-2	103637	104483	106256	104792	1.28	cps
Selenium	82-1	-16	-98	-6	-40	-125.84	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	39	56	71	55	28.94	cps
Silicon	28-1	560085	560464	567490	562680	0.74	cps
Silver	107-1	83	75	83	81	5.98	cps
Silver	109-1	75	25	50	50	50.00	cps
Sodium	23-2	10204	10412	10396	10337	1.12	cps
Strontium	86-1	842	950	708	833	14.53	cps
Strontium	88-1	158	108	167	144	21.84	cps
Sulfur	34-1	293710	293046	288065	291607	1.06	cps
Terbium	159-1	5291126	5304000	5376222	5323783	0.86	cps
Terbium	159-2	2565054	2487151	2530857	2527687	1.54	cps
Thallium	203-1	250	225	308	261	16.38	cps
Thallium	205-1	608	483	558	550	11.44	cps
Tin	118-1	442	550	517	503	11.04	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:44:20	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	183	217	217	206	9.36	cps
Uranium	238-1	25	25	25	25	0.00	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Ytterbium	172-1	33	8	50	31	68.64	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	433	525	658	539	21.00	cps
Ytterbium	176-2	3217	3095	2945	3086	4.42	cps
Yttrium	89-1	7330271	7214747	7126969	7223995	1.41	cps
Yttrium	89-2	760339	764543	777631	767504	1.18	cps
Zinc	66-2	143	113	153	137	15.24	cps
Zirconium	90-1	400	417	417	411	2.34	cps
Zirconium	91-1	92	58	150	100	46.40	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 16:50:30 DataFile Name : 006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	651	575	620	615	6.23	cps
Antimony	121-1	7202	6977	6869	7016	2.42	cps
Arsenic	75-2	119	106	116	114	5.99	cps
Barium	135-1	8628	9520	9262	9137	5.03	cps
Barium	137-1	16335	16886	15660	16294	3.77	cps
Beryllium	9-1	954	938	946	946	0.85	cps
Bismuth	209-1	2866764	2849507	2844249	2853507	0.41	cps
Bismuth	209-2	1801728	1819540	1780383	1800551	1.09	cps
Boron	10-1	2652	2772	2904	2776	4.54	cps
Boron	11-1	12691	13367	13381	13147	3.00	cps
Bromine	81-1	21128	21158	22772	21686	4.34	cps
Cadmium	111-1	1982	2131	2126	2080	4.06	cps
Cadmium	106-1	1692	1809	1734	1745	3.39	cps
Cadmium	108-1	104	104	113	107	4.50	cps
Calcium	43-1	6906	7223	7348	7159	3.19	cps
Calcium	44-1	128357	129292	129669	129106	0.52	cps
Carbon	12-1	3878733	3798269	3919380	3865461	1.59	cps
Carbon	12-2	37231	37398	37532	37387	0.40	cps
Chlorine	35-1	253865	251514	251747	252376	0.51	cps
Chlorine	35-2	1658	1633	1617	1636	1.28	cps
Chromium	52-2	2850	2854	2637	2780	4.47	cps
Cobalt	59-2	2187	2190	2204	2194	0.40	cps
Copper	63-2	3761	3854	3794	3803	1.24	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	58	42	25	42	40.00	cps
Erbium	164-2	17	13	7	12	41.65	cps
Gadolinium	160-1	50	25	17	31	56.77	cps
Gadolinium	160-2	33	60	23	39	48.75	cps
Holmium	165-1	5052432	5004500	4983699	5013543	0.70	cps
Holmium	165-2	2549156	2553959	2573889	2559001	0.51	cps
Indium	115-1	4778937	4811784	4700639	4763787	1.20	cps
Indium	115-2	751054	755023	735177	747085	1.41	cps
Iron	54-2	2728	2661	2817	2735	2.85	cps
Iron	56-2	48137	46654	46938	47243	1.67	cps
Iron	57-2	1095	1189	1333	1206	9.98	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:50:30	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	527	517	467	503	6.39	cps
Lead	206-1	2828	2650	2828	2769	3.71	cps
Lead	207-1	2511	2578	2384	2491	3.97	cps
Lead	208-1	11102	11619	11441	11387	2.31	cps
Lithium	6-1	1727665	1675759	1671513	1691646	1.85	cps
Magnesium	24-2	42714	43231	41594	42513	1.97	cps
Manganese	55-2	700	643	667	670	4.25	cps
Molybdenum	94-1	9378	9220	8620	9073	4.41	cps
Molybdenum	95-1	10087	10446	10805	10446	3.43	cps
Molybdenum	96-1	12448	11805	11764	12006	3.19	cps
Molybdenum	97-1	6877	6335	6502	6571	4.22	cps
Molybdenum	98-1	16610	16902	17553	17022	2.84	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	790	737	733	753	4.22	cps
Phosphorus	31-2	267	242	125	211	35.82	cps
Potassium	39-2	46734	46885	47111	46910	0.40	cps
Rhodium	103-1	4574524	4603312	4655909	4611248	0.89	cps
Rhodium	103-2	2230662	2266333	2258611	2251869	0.83	cps
Scandium	45-1	3549378	3597938	3577083	3574800	0.68	cps
Scandium	45-2	108671	109611	108083	108788	0.71	cps
Selenium	82-1	343	339	352	344	2.00	cps
Selenium	77-2	20	7	10	12	56.76	cps
Selenium	78-2	82	107	93	94	13.33	cps
Silicon	28-1	597480	598080	604646	600069	0.66	cps
Silver	107-1	4668	4959	4826	4818	3.03	cps
Silver	109-1	4259	4843	4584	4562	6.41	cps
Sodium	23-2	90313	90531	91495	90780	0.69	cps
Strontium	86-1	2425	2342	1967	2245	10.88	cps
Strontium	88-1	12372	12556	12823	12584	1.80	cps
Sulfur	34-1	286343	290563	282391	286432	1.43	cps
Terbium	159-1	5325469	5391689	5179394	5298851	2.05	cps
Terbium	159-2	2467644	2663250	2476275	2535723	4.36	cps
Thallium	203-1	2992	3409	2875	3092	9.07	cps
Thallium	205-1	7477	7519	7102	7366	3.12	cps
Tin	118-1	15835	17345	16252	16477	4.73	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:50:30	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3542	3676	3826	3681	3.85	cps
Uranium	238-1	9495	8528	8703	8909	5.79	cps
Vanadium	51-2	5044	4494	4617	4719	6.12	cps
Ytterbium	172-1	8	0	17	8	100.02	cps
Ytterbium	172-2	0	6	11	6	99.97	cps
Ytterbium	176-1	542	500	508	517	4.27	cps
Ytterbium	176-2	3095	2995	3228	3106	3.77	cps
Yttrium	89-1	7377457	7378872	7318741	7358357	0.47	cps
Yttrium	89-2	784739	776815	769478	777011	0.98	cps
Zinc	66-2	577	410	487	491	16.99	cps
Zirconium	90-1	7861	8011	8211	8028	2.19	cps
Zirconium	91-1	1683	1575	1708	1656	4.28	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 16:53:35 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31629	31474	31420	31507	0.34	cps
Antimony	121-1	186215	188457	187550	187407	0.60	cps
Arsenic	75-2	5778	5666	5733	5725	0.98	cps
Barium	135-1	244476	251552	244801	246943	1.62	cps
Barium	137-1	420223	427013	437708	428315	2.06	cps
Beryllium	9-1	44893	44831	45330	45018	0.60	cps
Bismuth	209-1	2893619	2860862	2858086	2870855	0.69	cps
Bismuth	209-2	1791785	1749991	1783501	1775092	1.25	cps
Boron	10-1	7827	8699	9137	8554	7.80	cps
Boron	11-1	37180	40756	43193	40376	7.49	cps
Bromine	81-1	21068	21349	20847	21088	1.19	cps
Cadmium	111-1	50287	48617	50024	49643	1.81	cps
Cadmium	106-1	7552	6635	6935	7041	6.64	cps
Cadmium	108-1	3592	3909	3859	3787	4.50	cps
Calcium	43-1	77496	77327	77231	77351	0.17	cps
Calcium	44-1	1343044	1325349	1353603	1340665	1.06	cps
Carbon	12-1	3961500	4093226	4121623	4058783	2.11	cps
Carbon	12-2	39220	38559	39671	39150	1.43	cps
Chlorine	35-1	227868	231887	228085	229280	0.99	cps
Chlorine	35-2	1517	1317	1425	1420	7.05	cps
Chromium	52-2	62770	61257	61281	61769	1.40	cps
Cobalt	59-2	114843	112199	110018	112353	2.15	cps
Copper	63-2	878773	879250	859209	872411	1.31	cps
Dysprosium	156-1	0	33	42	25	88.19	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	67	75	25	56	48.22	cps
Erbium	164-2	10	17	10	12	31.50	cps
Gadolinium	160-1	33	50	75	53	39.74	cps
Gadolinium	160-2	33	53	27	38	36.73	cps
Holmium	165-1	5172210	5189303	5122993	5161502	0.67	cps
Holmium	165-2	2544575	2534083	2527987	2535548	0.33	cps
Indium	115-1	4830884	4766804	4743158	4780282	0.95	cps
Indium	115-2	732532	728711	730757	730667	0.26	cps
Iron	54-2	132398	132682	132476	132518	0.11	cps
Iron	56-2	2529073	2527770	2538858	2531900	0.24	cps
Iron	57-2	59831	59758	59847	59812	0.08	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:53:35	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	453	457	489	12.01	cps
Lead	206-1	608124	622613	614050	614929	1.18	cps
Lead	207-1	526096	535266	542929	534763	1.58	cps
Lead	208-1	2395575	2455134	2439908	2430206	1.27	cps
Lithium	6-1	1772028	1780646	1726340	1759672	1.66	cps
Magnesium	24-2	470170	454826	453213	459403	2.04	cps
Manganese	55-2	305807	302528	307338	305224	0.81	cps
Molybdenum	94-1	826583	816820	847899	830434	1.91	cps
Molybdenum	95-1	1203964	1204751	1232720	1213811	1.35	cps
Molybdenum	96-1	1316978	1374004	1309152	1333378	2.65	cps
Molybdenum	97-1	729803	741938	739034	736925	0.86	cps
Molybdenum	98-1	1937249	1952261	2039845	1976452	2.80	cps
Neodymium	150-1	13	20	33	22	45.83	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	31498	30386	29678	30521	3.01	cps
Phosphorus	31-2	1850	1658	1725	1745	5.58	cps
Potassium	39-2	196992	193639	191398	194010	1.45	cps
Rhodium	103-1	4576252	4508046	4658579	4580959	1.65	cps
Rhodium	103-2	2187868	2188183	2193364	2189805	0.14	cps
Scandium	45-1	3633895	3590009	3643060	3622321	0.78	cps
Scandium	45-2	103087	106346	105373	104936	1.59	cps
Selenium	82-1	3949	4102	4213	4088	3.25	cps
Selenium	77-2	153	120	93	122	24.60	cps
Selenium	78-2	482	457	440	460	4.60	cps
Silicon	28-1	2623154	2650436	2643126	2638905	0.54	cps
Silver	107-1	253547	260061	254544	256051	1.37	cps
Silver	109-1	239286	241817	242202	241102	0.66	cps
Sodium	23-2	881915	868427	877989	876110	0.79	cps
Strontium	86-1	755461	757426	762916	758601	0.51	cps
Strontium	88-1	6591963	6592588	6790413	6658322	1.72	cps
Sulfur	34-1	309652	310977	308919	309849	0.34	cps
Terbium	159-1	5461916	5148007	5248188	5286037	3.03	cps
Terbium	159-2	2564179	2516696	2517827	2532901	1.07	cps
Thallium	203-1	151553	150882	151869	151434	0.33	cps
Thallium	205-1	356791	370820	362384	363332	1.94	cps
Tin	118-1	167758	172371	172613	170914	1.60	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:53:35	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	385490	379372	389664	384842	1.35	cps
Uranium	238-1	444571	453202	453687	450486	1.14	cps
Vanadium	51-2	50321	50047	49874	50081	0.45	cps
Ytterbium	172-1	25	33	33	31	15.74	cps
Ytterbium	172-2	11	17	22	17	33.33	cps
Ytterbium	176-1	1200	1358	958	1172	17.19	cps
Ytterbium	176-2	3456	3395	3734	3528	5.12	cps
Yttrium	89-1	7477915	7463047	7429265	7456743	0.33	cps
Yttrium	89-2	766438	758615	768472	764508	0.68	cps
Zinc	66-2	90598	90211	91208	90672	0.55	cps
Zirconium	90-1	399966	403419	409107	404164	1.14	cps
Zirconium	91-1	87139	88145	88464	87916	0.79	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 16:56:39 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78095	77877	76723	77565	0.95	cps
Antimony	121-1	471797	471577	469503	470959	0.27	cps
Arsenic	75-2	14350	13900	13784	14011	2.13	cps
Barium	135-1	633184	630693	624075	629317	0.75	cps
Barium	137-1	1090729	1077897	1069964	1079530	0.97	cps
Beryllium	9-1	111739	113964	113257	112987	1.01	cps
Bismuth	209-1	2907186	2881814	3027089	2938696	2.64	cps
Bismuth	209-2	1768717	1790627	1611951	1723765	5.65	cps
Boron	10-1	19213	20220	21588	20340	5.86	cps
Boron	11-1	89964	101246	105856	99022	8.26	cps
Bromine	81-1	21078	20988	21339	21135	0.86	cps
Cadmium	111-1	121427	123941	121801	122390	1.11	cps
Cadmium	106-1	14650	15067	14466	14728	2.09	cps
Cadmium	108-1	9241	9307	9157	9235	0.81	cps
Calcium	43-1	190448	191410	193428	191762	0.79	cps
Calcium	44-1	3274031	3209668	3234079	3239259	1.00	cps
Carbon	12-1	4215378	4276467	4429456	4307100	2.56	cps
Carbon	12-2	43507	42379	42354	42746	1.54	cps
Chlorine	35-1	208733	209931	206975	208546	0.71	cps
Chlorine	35-2	1683	1517	1333	1511	11.59	cps
Chromium	52-2	153787	151451	152747	152662	0.77	cps
Cobalt	59-2	278816	278142	270223	275727	1.73	cps
Copper	63-2	2261431	2246331	2222890	2243551	0.87	cps
Dysprosium	156-1	42	50	75	56	31.22	cps
Dysprosium	156-2	10	10	10	10	0.00	cps
Erbium	164-1	50	42	33	42	20.00	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	57	33	57	49	27.56	cps
Holmium	165-1	5049086	5101143	5256716	5135648	2.10	cps
Holmium	165-2	2517606	2514965	2442944	2491838	1.70	cps
Indium	115-1	4613813	4868626	4980463	4820967	3.90	cps
Indium	115-2	712275	714986	701978	709746	0.97	cps
Iron	54-2	335213	328720	325210	329714	1.54	cps
Iron	56-2	6470160	6166482	6273759	6303467	2.44	cps
Iron	57-2	145531	144342	147106	145660	0.95	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:56:39	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	557	430	593	527	16.27	cps
Lead	206-1	1538028	1550793	1694915	1594579	5.46	cps
Lead	207-1	1352198	1375286	1342371	1356618	1.25	cps
Lead	208-1	6444646	6458143	6652931	6518574	1.79	cps
Lithium	6-1	1706214	1725255	1845887	1759119	4.31	cps
Magnesium	24-2	1229188	1235245	1218645	1227693	0.68	cps
Manganese	55-2	761376	741795	744071	749081	1.43	cps
Molybdenum	94-1	2057627	2193465	2124264	2125118	3.20	cps
Molybdenum	95-1	3010250	3170325	3078382	3086319	2.60	cps
Molybdenum	96-1	3307686	3472961	3365974	3382207	2.48	cps
Molybdenum	97-1	1916569	1950448	1924083	1930366	0.92	cps
Molybdenum	98-1	4923229	4947904	4965935	4945690	0.43	cps
Neodymium	150-1	33	47	53	44	22.92	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	75834	74835	74186	74952	1.11	cps
Phosphorus	31-2	4209	4392	4259	4287	2.21	cps
Potassium	39-2	459403	446875	443135	449804	1.89	cps
Rhodium	103-1	4563741	4674120	4818560	4685474	2.73	cps
Rhodium	103-2	2199222	2101173	2131418	2143938	2.34	cps
Scandium	45-1	3620717	3606794	3772600	3666704	2.51	cps
Scandium	45-2	104171	102986	102274	103144	0.93	cps
Selenium	82-1	10021	10152	9974	10049	0.92	cps
Selenium	77-2	273	247	317	279	12.67	cps
Selenium	78-2	1009	1060	984	1018	3.81	cps
Silicon	28-1	5602429	5622711	5716430	5647190	1.08	cps
Silver	107-1	631294	634007	635309	633537	0.32	cps
Silver	109-1	595375	620224	612516	609372	2.09	cps
Sodium	23-2	2304442	2337929	2382851	2341741	1.68	cps
Strontium	86-1	1977620	1954488	1994025	1975377	1.01	cps
Strontium	88-1	16799450	16445790	17110150	16785130	1.98	cps
Sulfur	34-1	341641	341315	341886	341614	0.08	cps
Terbium	159-1	5394191	5364218	5582860	5447090	2.18	cps
Terbium	159-2	2520236	2456184	2469815	2482078	1.36	cps
Thallium	203-1	377009	379817	388445	381757	1.56	cps
Thallium	205-1	891038	906704	929355	909032	2.12	cps
Tin	118-1	418555	421163	431551	423756	1.62	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:56:39	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	959736	946056	949151	951648	0.75	cps
Uranium	238-1	1138713	1143156	1167558	1149809	1.35	cps
Vanadium	51-2	123586	121746	121652	122328	0.89	cps
Ytterbium	172-1	8	17	33	19	65.47	cps
Ytterbium	172-2	0	11	11	7	86.60	cps
Ytterbium	176-1	2175	2292	2134	2200	3.73	cps
Ytterbium	176-2	3834	4101	4262	4066	5.32	cps
Yttrium	89-1	7480234	7476879	7787251	7581455	2.35	cps
Yttrium	89-2	747807	746875	739186	744623	0.64	cps
Zinc	66-2	227458	225405	222703	225189	1.06	cps
Zirconium	90-1	1007248	1007647	1020850	1011915	0.76	cps
Zirconium	91-1	222202	223916	221398	222505	0.58	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 16:59:44 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	156567	156140	154025	155578	0.88	cps
Antimony	121-1	935969	939010	942764	939248	0.36	cps
Arsenic	75-2	28275	27802	27646	27908	1.17	cps
Barium	135-1	1235326	1238836	1265168	1246443	1.31	cps
Barium	137-1	2243808	2266252	2274404	2261488	0.70	cps
Beryllium	9-1	232294	230369	231191	231285	0.42	cps
Bismuth	209-1	2904661	2944923	2908981	2919522	0.76	cps
Bismuth	209-2	1703266	1731862	1759978	1731702	1.64	cps
Boron	10-1	38551	42036	43447	41345	6.10	cps
Boron	11-1	187578	202039	209363	199660	5.55	cps
Bromine	81-1	20777	20597	19895	20423	2.28	cps
Cadmium	111-1	246906	245826	241561	244764	1.15	cps
Cadmium	106-1	27779	29399	27862	28347	3.22	cps
Cadmium	108-1	17699	18271	18179	18049	1.70	cps
Calcium	43-1	382988	381458	378795	381080	0.56	cps
Calcium	44-1	6384291	6418602	6544606	6449167	1.31	cps
Carbon	12-1	4443154	4535332	4754990	4577826	3.50	cps
Carbon	12-2	47637	46516	47728	47294	1.43	cps
Chlorine	35-1	195684	195778	195516	195659	0.07	cps
Chlorine	35-2	1600	1192	1092	1295	20.81	cps
Chromium	52-2	298839	296361	298375	297858	0.44	cps
Cobalt	59-2	542320	533132	537472	537641	0.85	cps
Copper	63-2	4510924	4455392	4295467	4420594	2.53	cps
Dysprosium	156-1	75	58	67	67	12.50	cps
Dysprosium	156-2	13	40	33	29	48.05	cps
Erbium	164-1	92	58	50	67	33.08	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	58	50	67	58	14.29	cps
Gadolinium	160-2	43	43	53	47	12.37	cps
Holmium	165-1	5146905	5125742	4970386	5081011	1.90	cps
Holmium	165-2	2490989	2513867	2504048	2502968	0.46	cps
Indium	115-1	4923418	4768023	4817961	4836467	1.64	cps
Indium	115-2	694896	707093	714423	705471	1.40	cps
Iron	54-2	654284	654738	649418	652813	0.45	cps
Iron	56-2	12348800	12095671	12378895	12274455	1.27	cps
Iron	57-2	294838	281380	291997	289405	2.45	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:59:44	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	457	477	490	474	3.54	cps
Lead	206-1	3457913	3509539	3391463	3452972	1.71	cps
Lead	207-1	2907157	3027207	2864108	2932824	2.88	cps
Lead	208-1	13518898	13679308	13362430	13520212	1.17	cps
Lithium	6-1	1753060	1739768	1659837	1717555	2.94	cps
Magnesium	24-2	2390162	2408951	2402538	2400550	0.40	cps
Manganese	55-2	1614536	1577333	1616401	1602757	1.37	cps
Molybdenum	94-1	4184535	4208223	4202010	4198256	0.29	cps
Molybdenum	95-1	6123995	6055573	6065224	6081597	0.61	cps
Molybdenum	96-1	6663924	6630276	6484376	6592859	1.45	cps
Molybdenum	97-1	3876015	3819179	3653392	3782862	3.06	cps
Molybdenum	98-1	9972887	9905035	9825845	9901255	0.74	cps
Neodymium	150-1	107	107	67	93	24.74	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	146540	145607	146311	146153	0.33	cps
Phosphorus	31-2	7886	8403	7527	7939	5.54	cps
Potassium	39-2	889855	876237	884533	883542	0.78	cps
Rhodium	103-1	4656149	4512359	4597972	4588827	1.58	cps
Rhodium	103-2	2046393	2085863	2108773	2080343	1.52	cps
Scandium	45-1	3553196	3572718	3611580	3579165	0.83	cps
Scandium	45-2	101308	99794	102331	101144	1.26	cps
Selenium	82-1	20062	20498	20274	20278	1.07	cps
Selenium	77-2	553	547	557	552	0.92	cps
Selenium	78-2	1978	1984	1974	1979	0.25	cps
Silicon	28-1	10520388	10596481	10838992	10651954	1.56	cps
Silver	107-1	1261075	1276177	1266827	1268026	0.60	cps
Silver	109-1	1187417	1191219	1175546	1184727	0.69	cps
Sodium	23-2	4496025	4572092	4520751	4529623	0.86	cps
Strontium	86-1	3839197	3958825	3862569	3886864	1.63	cps
Strontium	88-1	32910348	34052123	32808224	33256898	2.08	cps
Sulfur	34-1	399208	397491	402873	399857	0.69	cps
Terbium	159-1	5376784	5390474	5360012	5375757	0.28	cps
Terbium	159-2	2451147	2545109	2521075	2505777	1.95	cps
Thallium	203-1	777765	791073	785609	784816	0.85	cps
Thallium	205-1	1960870	1931859	2020274	1971001	2.29	cps
Tin	118-1	840224	854547	857326	850699	1.08	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 16:59:44	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1966112	1965645	1975901	1969219	0.29	cps
Uranium	238-1	2499865	2492776	2519470	2504037	0.55	cps
Vanadium	51-2	242345	245005	244140	243830	0.56	cps
Ytterbium	172-1	33	33	50	39	24.75	cps
Ytterbium	172-2	6	11	28	15	78.05	cps
Ytterbium	176-1	3901	3967	3984	3951	1.12	cps
Ytterbium	176-2	4573	4601	4845	4673	3.21	cps
Yttrium	89-1	7270371	7549888	7296258	7372172	2.10	cps
Yttrium	89-2	726581	744156	747978	739571	1.54	cps
Zinc	66-2	448995	441623	445241	445286	0.83	cps
Zirconium	90-1	2045934	2119190	2100447	2088524	1.82	cps
Zirconium	91-1	441713	442235	447376	443775	0.71	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:02:48 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	318792	312494	321859	317715	1.50	cps
Antimony	121-1	2038105	2017637	1996011	2017251	1.04	cps
Arsenic	75-2	55702	56505	57389	56532	1.49	cps
Barium	135-1	2685419	2679610	2647707	2670912	0.76	cps
Barium	137-1	4638323	4480846	4578180	4565783	1.74	cps
Beryllium	9-1	464969	472677	469035	468894	0.82	cps
Bismuth	209-1	3033519	3044444	3063696	3047220	0.50	cps
Bismuth	209-2	1776710	1726498	1664178	1722462	3.27	cps
Boron	10-1	86254	89153	93948	89785	4.33	cps
Boron	11-1	396079	422802	430275	416385	4.32	cps
Bromine	81-1	21750	19875	20145	20590	4.92	cps
Cadmium	111-1	488445	488257	496896	491200	1.00	cps
Cadmium	106-1	55947	55872	56015	55945	0.13	cps
Cadmium	108-1	38408	37572	37434	37805	1.39	cps
Calcium	43-1	781120	787104	778853	782359	0.54	cps
Calcium	44-1	12978947	13048951	13089636	13039178	0.43	cps
Carbon	12-1	5403130	5481609	5694849	5526529	2.73	cps
Carbon	12-2	59454	58233	60166	59284	1.65	cps
Chlorine	35-1	190646	194158	190290	191698	1.12	cps
Chlorine	35-2	1150	1308	1158	1206	7.39	cps
Chromium	52-2	609423	604939	611973	608779	0.58	cps
Cobalt	59-2	1091600	1090057	1116981	1099546	1.38	cps
Copper	63-2	8695987	8883660	8972432	8850693	1.59	cps
Dysprosium	156-1	58	100	100	86	27.94	cps
Dysprosium	156-2	50	47	50	49	3.93	cps
Erbium	164-1	75	108	100	94	18.37	cps
Erbium	164-2	27	20	27	24	15.75	cps
Gadolinium	160-1	133	133	100	122	15.75	cps
Gadolinium	160-2	93	63	90	82	20.00	cps
Holmium	165-1	5186680	5311667	5267261	5255203	1.21	cps
Holmium	165-2	2571673	2497370	2443110	2504051	2.58	cps
Indium	115-1	4745531	5002085	4762656	4836757	2.97	cps
Indium	115-2	710526	691839	657953	686773	3.88	cps
Iron	54-2	1399613	1415219	1419945	1411592	0.75	cps
Iron	56-2	24452035	25337722	25192465	24994074	1.90	cps
Iron	57-2	570631	588008	587040	581893	1.68	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	450	517	490	486	6.91	cps
Lead	206-1	6742587	6995332	7031557	6923158	2.27	cps
Lead	207-1	5879645	5991010	5988869	5953175	1.07	cps
Lead	208-1	26748309	27457281	27719379	27308323	1.84	cps
Lithium	6-1	1770234	1831635	1790673	1797514	1.74	cps
Magnesium	24-2	4834847	4759752	4888930	4827843	1.34	cps
Manganese	55-2	3168820	3277184	3206911	3217638	1.71	cps
Molybdenum	94-1	8654972	8675267	8483721	8604653	1.22	cps
Molybdenum	95-1	12417216	12620822	12258059	12432032	1.46	cps
Molybdenum	96-1	13623875	13877457	13263322	13588218	2.27	cps
Molybdenum	97-1	7576016	7646057	7526046	7582706	0.80	cps
Molybdenum	98-1	19661404	19744557	19616668	19674209	0.33	cps
Neodymium	150-1	127	100	113	113	11.77	cps
Neodymium	150-2	20	30	13	21	39.75	cps
Nickel	60-2	294526	294236	301392	296718	1.37	cps
Phosphorus	31-2	16894	16126	17102	16707	3.08	cps
Potassium	39-2	1884320	1872164	1901916	1886134	0.79	cps
Rhodium	103-1	4573822	4706726	4566890	4615813	1.71	cps
Rhodium	103-2	2099366	2067671	1956183	2041073	3.68	cps
Scandium	45-1	3579286	3689178	3650737	3639734	1.53	cps
Scandium	45-2	104749	103702	96368	101606	4.49	cps
Selenium	82-1	41271	41208	40712	41064	0.75	cps
Selenium	77-2	1097	1147	1233	1159	5.97	cps
Selenium	78-2	4022	3955	4041	4006	1.13	cps
Silicon	28-1	21347816	20848924	21583515	21260085	1.76	cps
Silver	107-1	2642910	2665951	2626133	2644998	0.76	cps
Silver	109-1	2566389	2592320	2548779	2569162	0.85	cps
Sodium	23-2	9419936	9053805	9403877	9292539	2.23	cps
Strontium	86-1	7858474	7959472	7875484	7897810	0.68	cps
Strontium	88-1	68532441	68556270	66638904	67909205	1.62	cps
Sulfur	34-1	520006	514951	524560	519839	0.92	cps
Terbium	159-1	5674030	5681283	5557474	5637595	1.23	cps
Terbium	159-2	2517079	2494268	2403640	2471662	2.43	cps
Thallium	203-1	1658429	1608596	1691674	1652900	2.53	cps
Thallium	205-1	3934250	4060260	3974369	3989626	1.61	cps
Tin	118-1	1787896	1815622	1761157	1788225	1.52	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:02:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3882345	4032946	3989652	3968314	1.95	cps
Uranium	238-1	5108437	5003958	5111205	5074533	1.20	cps
Vanadium	51-2	492035	488662	501546	494081	1.35	cps
Ytterbium	172-1	42	33	8	28	62.46	cps
Ytterbium	172-2	28	22	22	24	13.33	cps
Ytterbium	176-1	7619	7469	7928	7672	3.05	cps
Ytterbium	176-2	6746	6652	6880	6759	1.69	cps
Yttrium	89-1	7844338	7872381	7543046	7753255	2.35	cps
Yttrium	89-2	744323	732682	696302	724436	3.46	cps
Zinc	66-2	896347	884960	910393	897233	1.42	cps
Zirconium	90-1	4213422	4284405	4241676	4246501	0.84	cps
Zirconium	91-1	923205	922474	910025	918568	0.81	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:05:54	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	621287	617939	630970	623399	1.09	cps
Antimony	121-1	3833847	3897061	3922805	3884571	1.18	cps
Arsenic	75-2	110104	109967	109932	110001	0.08	cps
Barium	135-1	5131327	5310951	5113301	5185193	2.11	cps
Barium	137-1	8855016	9006020	8764242	8875093	1.38	cps
Beryllium	9-1	912898	986052	928541	942497	4.09	cps
Bismuth	209-1	2869422	2870830	3005844	2915365	2.69	cps
Bismuth	209-2	1730353	1744613	1758364	1744443	0.80	cps
Boron	10-1	169707	179883	183121	177570	3.94	cps
Boron	11-1	812822	840047	826755	826541	1.65	cps
Bromine	81-1	20977	22491	20867	21445	4.23	cps
Cadmium	111-1	944913	965113	969601	959876	1.37	cps
Cadmium	106-1	108073	105301	106536	106637	1.30	cps
Cadmium	108-1	72502	72389	71887	72259	0.45	cps
Calcium	43-1	1603496	1638388	1627914	1623266	1.10	cps
Calcium	44-1	25310726	25830959	25939194	25693626	1.31	cps
Carbon	12-1	6307962	6385067	6542677	6411902	1.87	cps
Carbon	12-2	63881	69356	67070	66769	4.12	cps
Chlorine	35-1	181545	182260	183528	182445	0.55	cps
Chlorine	35-2	1050	1292	1375	1239	13.63	cps
Chromium	52-2	1184798	1174718	1195036	1184851	0.86	cps
Cobalt	59-2	2279286	2273191	2273990	2275489	0.15	cps
Copper	63-2	17151688	17183433	17192416	17175845	0.12	cps
Dysprosium	156-1	242	258	225	242	6.90	cps
Dysprosium	156-2	103	77	133	104	27.14	cps
Erbium	164-1	117	133	83	111	22.91	cps
Erbium	164-2	60	47	47	51	15.06	cps
Gadolinium	160-1	258	158	242	219	24.41	cps
Gadolinium	160-2	107	137	147	130	16.01	cps
Holmium	165-1	5253117	5219455	5093510	5188694	1.62	cps
Holmium	165-2	2522889	2578988	2598124	2566667	1.52	cps
Indium	115-1	4760188	4655867	4717642	4711232	1.11	cps
Indium	115-2	688322	699605	701808	696578	1.04	cps
Iron	54-2	2696707	2762883	2734085	2731225	1.21	cps
Iron	56-2	48124936	48303344	47900258	48109513	0.42	cps
Iron	57-2	1141027	1147087	1146233	1144782	0.29	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:05:54 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	567	570	557	564	1.23	cps
Lead	206-1	12815604	13305853	13754669	13292042	3.53	cps
Lead	207-1	11335322	11398412	11619140	11450958	1.30	cps
Lead	208-1	51768821	52887134	54135790	52930582	2.24	cps
Lithium	6-1	1857061	1795848	1778435	1810448	2.28	cps
Magnesium	24-2	9568718	9707712	9600097	9625509	0.76	cps
Manganese	55-2	6138229	6147092	6163823	6149714	0.21	cps
Molybdenum	94-1	16814238	17151819	16663745	16876601	1.48	cps
Molybdenum	95-1	24221907	24780590	24218765	24407087	1.33	cps
Molybdenum	96-1	26152613	26951560	26365646	26489940	1.56	cps
Molybdenum	97-1	15006379	15200945	14959882	15055735	0.85	cps
Molybdenum	98-1	38888522	39881199	39711739	39493820	1.34	cps
Neodymium	150-1	333	280	260	291	13.02	cps
Neodymium	150-2	33	30	47	37	24.06	cps
Nickel	60-2	574341	569076	582246	575221	1.15	cps
Phosphorus	31-2	31560	32922	31168	31883	2.89	cps
Potassium	39-2	3663091	3523796	3680503	3622463	2.37	cps
Rhodium	103-1	4369973	4532659	4486241	4462958	1.88	cps
Rhodium	103-2	2067083	2078635	2081219	2075645	0.36	cps
Scandium	45-1	3576746	3637460	3608408	3607538	0.84	cps
Scandium	45-2	103046	104044	105483	104191	1.18	cps
Selenium	82-1	80364	80355	79496	80071	0.62	cps
Selenium	77-2	2237	2214	2184	2211	1.21	cps
Selenium	78-2	7635	7688	7525	7616	1.09	cps
Silicon	28-1	39160313	39883322	39824546	39622727	1.01	cps
Silver	107-1	5334927	5134162	5143594	5204228	2.18	cps
Silver	109-1	4763089	4844146	4887562	4831599	1.31	cps
Sodium	23-2	18154612	18939644	18523858	18539371	2.12	cps
Strontium	86-1	15523242	15412119	15226085	15387148	0.98	cps
Strontium	88-1	132256520	133007628	132329440	132531196	0.31	cps
Sulfur	34-1	741947	756281	769963	756064	1.85	cps
Terbium	159-1	5539305	5458761	5652017	5550028	1.75	cps
Terbium	159-2	2524324	2586424	2569927	2560225	1.26	cps
Thallium	203-1	3211633	3280759	3355910	3282768	2.20	cps
Thallium	205-1	7695799	7629394	7863423	7729539	1.56	cps
Tin	118-1	3401717	3381180	3484109	3422335	1.59	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:05:54	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	7678666	7826160	7617582	7707469	1.39	cps
Uranium	238-1	9966872	9970445	10099505	10012274	0.75	cps
Vanadium	51-2	961508	978990	969862	970120	0.90	cps
Ytterbium	172-1	58	50	92	67	33.08	cps
Ytterbium	172-2	33	39	67	46	38.58	cps
Ytterbium	176-1	14041	14734	14233	14336	2.49	cps
Ytterbium	176-2	9548	10271	10454	10091	4.75	cps
Yttrium	89-1	7344069	7393707	7446337	7394704	0.69	cps
Yttrium	89-2	746178	750823	747568	748190	0.32	cps
Zinc	66-2	1794851	1833701	1823821	1817458	1.11	cps
Zirconium	90-1	8204992	8169643	8140470	8171702	0.40	cps
Zirconium	91-1	1862935	1870378	1825780	1853031	1.29	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3151776	3189514	3154627	3165306	0.66	cps
Antimony	121-1	4593	4459	4251	4434	3.88	cps
Arsenic	75-2	49	57	48	51	9.61	cps
Barium	135-1	3751	3092	3009	3284	12.38	cps
Barium	137-1	6752	5893	5268	5971	12.48	cps
Beryllium	9-1	592	444	480	505	15.27	cps
Bismuth	209-1	2854686	2837311	2770175	2820724	1.58	cps
Bismuth	209-2	1550286	1636912	1441804	1543001	6.34	cps
Boron	10-1	24718	22805	21293	22939	7.48	cps
Boron	11-1	119040	111871	102514	111141	7.46	cps
Bromine	81-1	20306	22331	21559	21399	4.78	cps
Cadmium	111-1	1909	1540	1387	1612	16.65	cps
Cadmium	106-1	2017	1633	1508	1720	15.41	cps
Cadmium	108-1	117	100	63	93	29.81	cps
Calcium	43-1	7821364	7634044	7893180	7782863	1.72	cps
Calcium	44-1	128614936	128532739	129659715	128935797	0.49	cps
Carbon	12-1	4931097	5041398	4992259	4988252	1.11	cps
Carbon	12-2	52210	53783	52470	52821	1.60	cps
Chlorine	35-1	183648	186354	184989	184997	0.73	cps
Chlorine	35-2	1017	1125	1283	1142	11.75	cps
Chromium	52-2	3807	3857	3641	3768	3.01	cps
Cobalt	59-2	3347	3507	3137	3330	5.57	cps
Copper	63-2	5561	6105	5131	5599	8.72	cps
Dysprosium	156-1	817	808	842	822	2.11	cps
Dysprosium	156-2	387	333	313	344	11.01	cps
Erbium	164-1	133	117	142	131	9.75	cps
Erbium	164-2	60	60	57	59	3.26	cps
Gadolinium	160-1	733	750	625	703	9.66	cps
Gadolinium	160-2	373	467	373	404	13.32	cps
Holmium	165-1	5089784	5233347	5182339	5168490	1.41	cps
Holmium	165-2	2593234	2795641	2385239	2591371	7.92	cps
Indium	115-1	4717802	4730024	4758276	4735367	0.44	cps
Indium	115-2	702206	715041	649889	689045	5.01	cps
Iron	54-2	13008575	13300233	13082706	13130504	1.15	cps
Iron	56-2	236812544	240386872	234812900	237337439	1.19	cps
Iron	57-2	6090245	6003329	5920038	6004537	1.42	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	623	553	427	534	18.65	cps
Lead	206-1	8270	7258	6552	7360	11.73	cps
Lead	207-1	6902	6268	5418	6196	12.02	cps
Lead	208-1	33698	29304	26150	29717	12.76	cps
Lithium	6-1	1759446	1762837	1735084	1752455	0.86	cps
Magnesium	24-2	46838481	47403768	46597219	46946489	0.88	cps
Manganese	55-2	3967	4334	3631	3977	8.85	cps
Molybdenum	94-1	11999	8311	7669	9326	25.05	cps
Molybdenum	95-1	14593	11397	9362	11784	22.38	cps
Molybdenum	96-1	21601	23466	16493	20520	17.59	cps
Molybdenum	97-1	9613	7344	5793	7583	25.33	cps
Molybdenum	98-1	22872	16452	15386	18237	22.20	cps
Neodymium	150-1	60	0	73	44	87.89	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	1547	1667	1430	1548	7.65	cps
Phosphorus	31-2	133	142	183	153	17.53	cps
Potassium	39-2	18114558	18224875	18302370	18213935	0.52	cps
Rhodium	103-1	4308631	4223343	4230566	4254180	1.11	cps
Rhodium	103-2	2009162	2032768	1845491	1962474	5.20	cps
Scandium	45-1	3542852	3465381	3490447	3499560	1.13	cps
Scandium	45-2	104376	107182	96928	102829	5.15	cps
Selenium	82-1	57	84	222	121	73.58	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	58	44	43	48	17.36	cps
Silicon	28-1	1213269	1251426	1229976	1231557	1.55	cps
Silver	107-1	2659	2425	1809	2297	19.12	cps
Silver	109-1	2359	2284	1917	2186	10.81	cps
Sodium	23-2	91231425	92204237	91523990	91653217	0.54	cps
Strontium	86-1	16794	15476	14600	15623	7.07	cps
Strontium	88-1	148327	134500	119596	134141	10.71	cps
Sulfur	34-1	275984	275331	278873	276729	0.68	cps
Terbium	159-1	5519722	5570856	5570366	5553648	0.53	cps
Terbium	159-2	2577281	2661370	2338918	2525857	6.62	cps
Thallium	203-1	1650	1467	1242	1453	14.08	cps
Thallium	205-1	3926	3292	3026	3414	13.54	cps
Tin	118-1	3751	3551	3501	3601	3.68	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:08:57	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3501	2317	2675	2831	21.44	cps
Uranium	238-1	3867	3292	3018	3393	12.78	cps
Vanadium	51-2	233	273	250	252	7.97	cps
Ytterbium	172-1	42	25	83	50	60.09	cps
Ytterbium	172-2	50	39	17	35	48.23	cps
Ytterbium	176-1	508	433	600	514	16.24	cps
Ytterbium	176-2	2928	3495	2884	3102	10.99	cps
Yttrium	89-1	7386536	7324465	7402292	7371098	0.56	cps
Yttrium	89-2	743449	775652	687505	735535	6.06	cps
Zinc	66-2	2657	2410	2470	2512	5.12	cps
Zirconium	90-1	7653	6252	6135	6680	12.65	cps
Zirconium	91-1	1550	1417	1450	1472	4.71	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : ICV92 Instrumnet Name : P8
 Client Sample ID : ICV92 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:16:59 DataFile Name : 013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15631	15455	15480	15522	0.62	cps
Antimony	121-1	770066	782499	755790	769452	1.74	cps
Arsenic	75-2	23455	23508	22938	23300	1.35	cps
Barium	135-1	104780	102918	103051	103583	1.00	cps
Barium	137-1	179820	186536	181331	182562	1.93	cps
Beryllium	9-1	96857	96592	96493	96647	0.19	cps
Bismuth	209-1	3054256	2898602	2777026	2909961	4.78	cps
Bismuth	209-2	1805092	1854687	1834912	1831564	1.36	cps
Boron	10-1	8237	8655	8727	8539	3.10	cps
Boron	11-1	40431	41111	40702	40748	0.84	cps
Bromine	81-1	21619	20686	20657	20987	2.61	cps
Cadmium	111-1	100760	103634	100242	101545	1.80	cps
Cadmium	106-1	10654	10804	10604	10688	0.97	cps
Cadmium	108-1	6610	6581	6827	6673	2.01	cps
Calcium	43-1	30455	30622	30298	30458	0.53	cps
Calcium	44-1	506567	511023	513663	510418	0.70	cps
Carbon	12-1	3959051	3955317	4044388	3986252	1.26	cps
Carbon	12-2	39495	39136	40265	39632	1.45	cps
Chlorine	35-1	157550	156245	157400	157065	0.45	cps
Chlorine	35-2	1000	1100	975	1025	6.45	cps
Chromium	52-2	128539	126447	124852	126613	1.46	cps
Cobalt	59-2	227419	226649	227167	227078	0.17	cps
Copper	63-2	174020	174952	172105	173692	0.84	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	17	75	39	81.12	cps
Erbium	164-2	23	27	7	19	56.72	cps
Gadolinium	160-1	33	25	17	25	33.32	cps
Gadolinium	160-2	47	40	40	42	9.12	cps
Holmium	165-1	5207264	5126104	4958321	5097230	2.49	cps
Holmium	165-2	2507613	2515250	2551649	2524838	0.93	cps
Indium	115-1	4839970	4758936	4698127	4765678	1.49	cps
Indium	115-2	729235	750800	732460	737498	1.58	cps
Iron	54-2	111634	110754	110430	110939	0.56	cps
Iron	56-2	2094847	2045395	2044554	2061598	1.40	cps
Iron	57-2	48070	47356	48114	47847	0.89	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICV92	Instrumnet Name :	P8
Client Sample ID :	ICV92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:16:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	480	573	538	9.39	cps
Lead	206-1	556726	549638	555707	554024	0.69	cps
Lead	207-1	455333	460891	459437	458554	0.63	cps
Lead	208-1	2150847	2164473	2122930	2146083	0.99	cps
Lithium	6-1	1759832	1738495	1726403	1741577	0.97	cps
Magnesium	24-2	111099	108429	105062	108197	2.80	cps
Manganese	55-2	61247	60250	60360	60619	0.90	cps
Molybdenum	94-1	692	650	667	669	3.13	cps
Molybdenum	95-1	742	733	667	714	5.76	cps
Molybdenum	96-1	950	992	908	950	4.39	cps
Molybdenum	97-1	433	525	392	450	15.16	cps
Molybdenum	98-1	1292	1167	1067	1175	9.59	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	62688	61978	61794	62153	0.76	cps
Phosphorus	31-2	192	117	117	142	30.56	cps
Potassium	39-2	155559	154827	152139	154175	1.17	cps
Rhodium	103-1	4659315	4545530	4397170	4534005	2.90	cps
Rhodium	103-2	2151567	2219978	2130991	2167512	2.15	cps
Scandium	45-1	3681936	3508804	3386042	3525594	4.22	cps
Scandium	45-2	105621	106585	103275	105161	1.62	cps
Selenium	82-1	16039	16559	16267	16288	1.60	cps
Selenium	77-2	517	533	503	518	2.90	cps
Selenium	78-2	1619	1740	1762	1707	4.51	cps
Silicon	28-1	568645	577446	581878	575990	1.17	cps
Silver	107-1	253252	261732	259480	258154	1.70	cps
Silver	109-1	238438	238582	240295	239105	0.43	cps
Sodium	23-2	371921	368236	367956	369371	0.60	cps
Strontium	86-1	1667	1425	1475	1522	8.38	cps
Strontium	88-1	5593	5701	5418	5571	2.57	cps
Sulfur	34-1	274914	274999	276369	275427	0.30	cps
Terbium	159-1	5605706	5156584	5136873	5299721	5.00	cps
Terbium	159-2	2537225	2586041	2524438	2549235	1.28	cps
Thallium	203-1	685351	685219	670675	680415	1.24	cps
Thallium	205-1	1770950	1664676	1716665	1717430	3.09	cps
Tin	118-1	683	508	600	597	14.66	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICV92	Instrumnet Name :	P8
Client Sample ID :	ICV92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:16:59	DataFile Name :	013ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	342	308	300	317	6.96	cps
Uranium	238-1	208	125	183	172	24.83	cps
Vanadium	51-2	100234	100718	100812	100588	0.31	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	11	0	11	7	86.60	cps
Ytterbium	176-1	633	525	267	475	39.66	cps
Ytterbium	176-2	2928	3062	3423	3137	8.16	cps
Yttrium	89-1	7468985	7299564	6972351	7246966	3.48	cps
Yttrium	89-2	764700	768176	763676	765517	0.31	cps
Zinc	66-2	36647	37029	36968	36881	0.56	cps
Zirconium	90-1	683	642	817	714	12.81	cps
Zirconium	91-1	183	258	192	211	19.47	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	652	651	682	662	2.67	cps
Antimony	121-1	7352	7427	7644	7474	2.03	cps
Arsenic	75-2	112	125	127	121	6.71	cps
Barium	135-1	9195	9153	9487	9278	1.96	cps
Barium	137-1	16661	16269	16352	16427	1.26	cps
Beryllium	9-1	940	1076	898	971	9.58	cps
Bismuth	209-1	2887345	2948676	2924871	2920297	1.06	cps
Bismuth	209-2	1874764	1761639	1783467	1806623	3.32	cps
Boron	10-1	11962	11666	11963	11864	1.44	cps
Boron	11-1	55822	55760	56784	56122	1.02	cps
Bromine	81-1	21419	20546	21549	21171	2.57	cps
Cadmium	111-1	1996	1972	1998	1989	0.73	cps
Cadmium	106-1	1608	1575	1575	1586	1.21	cps
Cadmium	108-1	96	121	96	104	13.86	cps
Calcium	43-1	7066	7271	7205	7180	1.46	cps
Calcium	44-1	130279	130800	131602	130894	0.51	cps
Carbon	12-1	3794446	3818784	3803036	3805422	0.32	cps
Carbon	12-2	35786	36346	36404	36179	0.94	cps
Chlorine	35-1	135894	131283	131090	132756	2.05	cps
Chlorine	35-2	900	892	992	928	5.98	cps
Chromium	52-2	2967	2924	2700	2864	5.00	cps
Cobalt	59-2	2150	2214	2110	2158	2.41	cps
Copper	63-2	4191	4027	4047	4088	2.18	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	58	33	25	39	44.61	cps
Erbium	164-2	17	23	17	19	20.36	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	40	30	43	38	18.36	cps
Holmium	165-1	4929363	5120931	5055652	5035315	1.93	cps
Holmium	165-2	2723607	2500760	2528486	2584284	4.70	cps
Indium	115-1	4673963	4673542	4709342	4685616	0.44	cps
Indium	115-2	762759	733193	721049	739000	2.90	cps
Iron	54-2	3000	2806	3023	2943	4.05	cps
Iron	56-2	49698	49318	48644	49220	1.08	cps
Iron	57-2	1517	1300	1289	1369	9.38	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	477	577	527	527	9.49	cps
Lead	206-1	2778	2989	3145	2971	6.20	cps
Lead	207-1	2673	2717	2711	2700	0.90	cps
Lead	208-1	11674	11830	12130	11878	1.95	cps
Lithium	6-1	1694727	1827722	1742001	1754817	3.84	cps
Magnesium	24-2	45756	44569	43675	44667	2.34	cps
Manganese	55-2	563	673	633	623	8.93	cps
Molybdenum	94-1	9428	8511	8961	8967	5.12	cps
Molybdenum	95-1	10788	10813	10671	10757	0.70	cps
Molybdenum	96-1	11739	12347	12498	12195	3.30	cps
Molybdenum	97-1	6710	6518	6393	6541	2.44	cps
Molybdenum	98-1	17971	17820	18396	18062	1.65	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	673	733	540	649	15.25	cps
Phosphorus	31-2	192	183	158	178	9.76	cps
Potassium	39-2	48181	48633	48315	48376	0.48	cps
Rhodium	103-1	4359704	4635267	4517152	4504041	3.07	cps
Rhodium	103-2	2324338	2136112	2192376	2217609	4.36	cps
Scandium	45-1	3661165	3563624	3611763	3612184	1.35	cps
Scandium	45-2	110217	105303	103890	106470	3.12	cps
Selenium	82-1	420	328	355	368	12.85	cps
Selenium	77-2	10	20	7	12	56.76	cps
Selenium	78-2	106	106	89	100	9.78	cps
Silicon	28-1	590641	588549	592210	590467	0.31	cps
Silver	107-1	4976	4701	4459	4712	5.49	cps
Silver	109-1	4693	4534	4743	4656	2.34	cps
Sodium	23-2	96863	96980	95622	96489	0.78	cps
Strontium	86-1	2159	2159	2250	2189	2.42	cps
Strontium	88-1	12906	12739	12906	12851	0.75	cps
Sulfur	34-1	287867	285967	289096	287644	0.55	cps
Terbium	159-1	5411036	5439795	5299721	5383517	1.37	cps
Terbium	159-2	2705094	2583960	2491969	2593674	4.12	cps
Thallium	203-1	3150	3184	3000	3112	3.14	cps
Thallium	205-1	7402	7577	7486	7488	1.17	cps
Tin	118-1	17128	16260	16243	16544	3.06	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:27:53	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3642	3534	3692	3623	2.24	cps
Uranium	238-1	8678	9487	8628	8931	5.40	cps
Vanadium	51-2	4941	4801	4667	4803	2.85	cps
Ytterbium	172-1	25	50	42	39	32.73	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	458	533	392	461	15.37	cps
Ytterbium	176-2	2956	3173	3089	3073	3.56	cps
Yttrium	89-1	7296603	7295913	7375582	7322699	0.63	cps
Yttrium	89-2	795468	755684	756896	769349	2.94	cps
Zinc	66-2	510	577	553	547	6.19	cps
Zirconium	90-1	7828	7661	8053	7847	2.51	cps
Zirconium	91-1	1884	1642	1817	1781	7.01	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : ICB92 Instrumnet Name : P8
 Client Sample ID : ICB92 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:30:57 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74	67	62	68	8.30	cps
Antimony	121-1	108	167	183	153	25.78	cps
Arsenic	75-2	5	3	4	4	25.00	cps
Barium	135-1	17	25	42	28	45.82	cps
Barium	137-1	75	50	75	67	21.65	cps
Beryllium	9-1	66	66	80	71	11.43	cps
Bismuth	209-1	2969100	2941405	3034848	2981784	1.61	cps
Bismuth	209-2	1841759	1799021	1821540	1820773	1.17	cps
Boron	10-1	8011	7857	7554	7807	2.97	cps
Boron	11-1	38162	37418	35869	37149	3.15	cps
Bromine	81-1	22682	21569	22321	22190	2.56	cps
Cadmium	111-1	1346	1171	1207	1241	7.42	cps
Cadmium	106-1	1884	1683	1725	1764	5.98	cps
Cadmium	108-1	21	46	25	31	43.84	cps
Calcium	43-1	240	240	261	247	4.97	cps
Calcium	44-1	15164	14895	15042	15034	0.90	cps
Carbon	12-1	3766301	3644279	3783765	3731448	2.04	cps
Carbon	12-2	35468	35143	36705	35772	2.30	cps
Chlorine	35-1	126373	125710	124441	125508	0.78	cps
Chlorine	35-2	650	717	750	706	7.22	cps
Chromium	52-2	577	483	563	541	9.33	cps
Cobalt	59-2	67	57	57	60	9.62	cps
Copper	63-2	573	583	653	603	7.23	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	42	17	67	42	60.00	cps
Erbium	164-2	13	20	30	21	39.75	cps
Gadolinium	160-1	25	25	8	19	49.50	cps
Gadolinium	160-2	53	27	63	48	39.66	cps
Holmium	165-1	5228101	5034073	5044130	5102101	2.14	cps
Holmium	165-2	2628610	2544630	2595649	2589630	1.63	cps
Indium	115-1	4727930	4696725	4795041	4739899	1.06	cps
Indium	115-2	739106	737980	731507	736197	0.56	cps
Iron	54-2	478	333	411	407	17.74	cps
Iron	56-2	2956	2856	3857	3223	17.10	cps
Iron	57-2	178	183	211	191	9.36	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICB92	Instrumnet Name :	P8
Client Sample ID :	ICB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:30:57	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	510	547	483	513	6.19	cps
Lead	206-1	583	650	500	578	13.01	cps
Lead	207-1	561	478	528	522	8.03	cps
Lead	208-1	2528	2300	2389	2406	4.77	cps
Lithium	6-1	1663145	1713570	1750389	1709035	2.56	cps
Magnesium	24-2	375	350	617	447	32.93	cps
Manganese	55-2	57	57	73	62	15.46	cps
Molybdenum	94-1	208	233	225	222	5.73	cps
Molybdenum	95-1	92	133	100	108	20.35	cps
Molybdenum	96-1	208	292	375	292	28.57	cps
Molybdenum	97-1	75	100	75	83	17.32	cps
Molybdenum	98-1	183	175	183	181	2.66	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	153	130	131	16.54	cps
Phosphorus	31-2	117	117	150	128	15.06	cps
Potassium	39-2	15509	16234	15609	15784	2.49	cps
Rhodium	103-1	4588216	4440353	4683910	4570827	2.68	cps
Rhodium	103-2	2280109	2212337	2261047	2251164	1.55	cps
Scandium	45-1	3607005	3558543	3608549	3591366	0.79	cps
Scandium	45-2	105256	107193	106592	106347	0.93	cps
Selenium	82-1	5	-32	36	3	1095.83	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	59	73	61	64	11.77	cps
Silicon	28-1	552639	551175	552200	552005	0.14	cps
Silver	107-1	183	133	150	156	16.37	cps
Silver	109-1	158	150	150	153	3.15	cps
Sodium	23-2	12139	12431	12589	12386	1.84	cps
Strontium	86-1	958	692	892	847	16.38	cps
Strontium	88-1	242	367	217	275	29.22	cps
Sulfur	34-1	298200	295829	293461	295830	0.80	cps
Terbium	159-1	5334535	5324617	5195079	5284744	1.47	cps
Terbium	159-2	2578866	2482133	2526970	2529323	1.91	cps
Thallium	203-1	233	283	183	233	21.43	cps
Thallium	205-1	375	492	433	433	13.46	cps
Tin	118-1	492	492	542	508	5.68	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICB92	Instrumnet Name :	P8
Client Sample ID :	ICB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:30:57	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	250	158	214	22.83	cps
Uranium	238-1	8	17	17	14	34.67	cps
Vanadium	51-2	10	7	10	9	21.63	cps
Ytterbium	172-1	25	33	42	33	25.01	cps
Ytterbium	172-2	6	0	0	2	173.21	cps
Ytterbium	176-1	600	450	500	517	14.78	cps
Ytterbium	176-2	3239	3300	3056	3199	3.98	cps
Yttrium	89-1	7463607	7422851	7365171	7417210	0.67	cps
Yttrium	89-2	778341	767953	772262	772852	0.68	cps
Zinc	66-2	153	120	180	151	19.89	cps
Zirconium	90-1	375	442	508	442	15.10	cps
Zirconium	91-1	67	50	33	50	33.34	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : ICSA92 Instrumnet Name : P8
 Client Sample ID : ICSA92 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:34:03 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3130500	3057849	3200044	3129464	2.27	cps
Antimony	121-1	4443	4201	4643	4429	5.00	cps
Arsenic	75-2	36	46	43	42	12.32	cps
Barium	135-1	1292	1342	1267	1300	2.94	cps
Barium	137-1	2350	2509	2634	2498	5.69	cps
Beryllium	9-1	342	332	368	347	5.35	cps
Bismuth	209-1	2897313	3045578	2876556	2939816	3.14	cps
Bismuth	209-2	1606138	1768755	1833151	1736015	6.74	cps
Boron	10-1	7476	7462	7412	7450	0.45	cps
Boron	11-1	36452	35782	35871	36035	1.01	cps
Bromine	81-1	21258	21830	22712	21933	3.34	cps
Cadmium	111-1	1263	1321	1461	1348	7.57	cps
Cadmium	106-1	1450	1650	1750	1617	9.45	cps
Cadmium	108-1	658	638	579	625	6.57	cps
Calcium	43-1	1551586	1556747	1603867	1570733	1.83	cps
Calcium	44-1	25470857	25367205	25514376	25450813	0.30	cps
Carbon	12-1	19245240	20351762	20477429	20024810	3.39	cps
Carbon	12-2	209362	203206	212245	208271	2.22	cps
Chlorine	35-1	4362286	5188561	6021878	5190908	15.99	cps
Chlorine	35-2	50673	54436	58778	54629	7.43	cps
Chromium	52-2	24438	23887	25045	24457	2.37	cps
Cobalt	59-2	2524	2750	2614	2629	4.34	cps
Copper	63-2	13103	12729	13200	13011	1.91	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	0	25	50	25	100.00	cps
Erbium	164-2	50	13	33	32	56.98	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	40	60	53	51	19.92	cps
Holmium	165-1	5156654	5173765	5150993	5160471	0.23	cps
Holmium	165-2	2562788	2700050	2640387	2634409	2.61	cps
Indium	115-1	4625618	4872664	4636414	4711565	2.96	cps
Indium	115-2	722917	719844	734170	725644	1.04	cps
Iron	54-2	5489861	5358054	5508846	5452253	1.51	cps
Iron	56-2	95695219	97100072	99535402	97443564	1.99	cps
Iron	57-2	2409826	2461908	2511388	2461041	2.06	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSA92	Instrumnet Name :	P8
Client Sample ID :	ICSA92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:34:03	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	520	507	530	519	2.26	cps
Lead	206-1	12139	12545	13185	12623	4.17	cps
Lead	207-1	9442	10249	10104	9932	4.33	cps
Lead	208-1	45053	47395	48013	46820	3.33	cps
Lithium	6-1	1761887	1815108	1775284	1784093	1.55	cps
Magnesium	24-2	9207805	9157486	9151173	9172155	0.34	cps
Manganese	55-2	4597	4281	4771	4550	5.46	cps
Molybdenum	94-1	2474301	2600358	2520881	2531847	2.52	cps
Molybdenum	95-1	4322137	4398453	4476927	4399172	1.76	cps
Molybdenum	96-1	4715957	4803001	4735122	4751360	0.96	cps
Molybdenum	97-1	2776949	2765873	2768706	2770509	0.21	cps
Molybdenum	98-1	6962952	7066866	7074062	7034627	0.88	cps
Neodymium	150-1	13	33	47	31	53.94	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	3394	3187	3114	3232	4.49	cps
Phosphorus	31-2	160613	161811	157291	159905	1.46	cps
Potassium	39-2	7179934	7146756	7023228	7116639	1.16	cps
Rhodium	103-1	4390427	4587874	4455518	4477939	2.25	cps
Rhodium	103-2	2146652	2110422	2178301	2145125	1.58	cps
Scandium	45-1	3605770	3727689	3584746	3639402	2.12	cps
Scandium	45-2	107006	106297	106089	106464	0.45	cps
Selenium	82-1	3	22	5	10	104.59	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	52	67	36	52	30.01	cps
Silicon	28-1	622337	629098	628800	626745	0.61	cps
Silver	107-1	325	300	258	294	11.44	cps
Silver	109-1	367	275	192	278	31.51	cps
Sodium	23-2	18362618	18077320	18436653	18292197	1.04	cps
Strontium	86-1	51111	53896	52633	52547	2.65	cps
Strontium	88-1	435844	447358	449080	444094	1.62	cps
Sulfur	34-1	2180185	2166515	2158662	2168454	0.50	cps
Terbium	159-1	5457764	5708735	5428045	5531514	2.79	cps
Terbium	159-2	2651151	2599800	2633760	2628237	0.99	cps
Thallium	203-1	292	417	383	364	17.79	cps
Thallium	205-1	817	925	900	881	6.44	cps
Tin	118-1	867	875	750	831	8.41	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSA92	Instrumnet Name :	P8
Client Sample ID :	ICSA92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:34:03	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1406116	1478936	1440153	1441735	2.53	cps
Uranium	238-1	158	250	175	194	25.11	cps
Vanadium	51-2	103	140	140	128	16.57	cps
Ytterbium	172-1	25	42	0	22	94.38	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	475	617	458	517	16.84	cps
Ytterbium	176-2	3045	2906	3312	3087	6.68	cps
Yttrium	89-1	7382523	7347194	7473738	7401152	0.88	cps
Yttrium	89-2	764068	771608	770212	768629	0.52	cps
Zinc	66-2	2014	1977	2154	2048	4.55	cps
Zirconium	90-1	558	625	483	556	12.76	cps
Zirconium	91-1	75	108	100	94	18.37	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : ICSAB92 Instrumnet Name : P8
 Client Sample ID : ICSAB92 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:36:56 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3260578	3261506	3188814	3236966	1.29	cps
Antimony	121-1	80755	82541	82459	81918	1.23	cps
Arsenic	75-2	2320	2208	2338	2289	3.08	cps
Barium	135-1	21902	23220	23012	22711	3.12	cps
Barium	137-1	37286	38129	37043	37486	1.52	cps
Beryllium	9-1	18948	19954	19201	19368	2.70	cps
Bismuth	209-1	3069813	2838659	2922330	2943601	3.98	cps
Bismuth	209-2	1829217	1822429	1785566	1812404	1.30	cps
Boron	10-1	6542	6522	6284	6449	2.23	cps
Boron	11-1	30882	30874	31033	30930	0.29	cps
Bromine	81-1	21378	21849	21359	21529	1.29	cps
Cadmium	111-1	20130	19910	21187	20409	3.35	cps
Cadmium	106-1	3409	3384	3576	3456	3.02	cps
Cadmium	108-1	2004	1954	1871	1943	3.47	cps
Calcium	43-1	1642819	1620753	1573086	1612219	2.21	cps
Calcium	44-1	26461614	26243338	25895392	26200115	1.09	cps
Carbon	12-1	19779377	21022799	21963195	20921790	5.24	cps
Carbon	12-2	216191	211292	211483	212989	1.30	cps
Chlorine	35-1	8194446	9760389	10449081	9467972	12.20	cps
Chlorine	35-2	80214	81899	85671	82595	3.38	cps
Chromium	52-2	49522	48351	48215	48696	1.48	cps
Cobalt	59-2	46864	47048	45663	46525	1.62	cps
Copper	63-2	47025	46098	45476	46200	1.69	cps
Dysprosium	156-1	25	33	8	22	57.29	cps
Dysprosium	156-2	7	17	0	8	107.84	cps
Erbium	164-1	8	50	42	33	66.15	cps
Erbium	164-2	37	7	27	23	65.46	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	37	67	60	54	28.93	cps
Holmium	165-1	5476356	5106027	5384579	5322321	3.62	cps
Holmium	165-2	2657566	2594134	2709877	2653859	2.18	cps
Indium	115-1	5012398	4557713	4796161	4788757	4.75	cps
Indium	115-2	735951	730360	749446	738586	1.33	cps
Iron	54-2	5612287	5579983	5522180	5571483	0.82	cps
Iron	56-2	101315499	101302866	99764102	100794156	0.89	cps
Iron	57-2	2594744	2543150	2492272	2543389	2.01	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSAB92	Instrumnet Name :	P8
Client Sample ID :	ICSAB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:36:56	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	547	540	539	1.56	cps
Lead	206-1	65593	67024	64572	65730	1.87	cps
Lead	207-1	54080	55932	55435	55149	1.74	cps
Lead	208-1	248368	256114	255112	253198	1.66	cps
Lithium	6-1	1838406	1793845	1900078	1844110	2.89	cps
Magnesium	24-2	9487360	9404283	9342255	9411300	0.77	cps
Manganese	55-2	16430	16510	16400	16446	0.35	cps
Molybdenum	94-1	2592106	2614424	2546641	2584390	1.34	cps
Molybdenum	95-1	4570272	4565504	4541015	4558930	0.34	cps
Molybdenum	96-1	4955591	4792520	4910360	4886157	1.72	cps
Molybdenum	97-1	2801486	2726979	2812690	2780385	1.68	cps
Molybdenum	98-1	7153301	7180185	7164103	7165863	0.19	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	15405	15435	14764	15202	2.49	cps
Phosphorus	31-2	163073	162271	159031	161458	1.33	cps
Potassium	39-2	7131927	7228125	7347950	7236001	1.50	cps
Rhodium	103-1	4610912	4390512	4448877	4483434	2.55	cps
Rhodium	103-2	2211875	2101317	2260034	2191075	3.71	cps
Scandium	45-1	3875489	3567174	3661586	3701416	4.27	cps
Scandium	45-2	109891	108228	109698	109272	0.83	cps
Selenium	82-1	1548	1539	1568	1552	0.97	cps
Selenium	77-2	47	57	63	56	15.09	cps
Selenium	78-2	220	218	189	209	8.30	cps
Silicon	28-1	653022	663723	677560	664768	1.85	cps
Silver	107-1	97033	98627	96496	97386	1.14	cps
Silver	109-1	93703	93199	95246	94049	1.13	cps
Sodium	23-2	19076848	18735739	19054191	18955592	1.01	cps
Strontium	86-1	53437	55034	53244	53905	1.82	cps
Strontium	88-1	457706	469774	464217	463899	1.30	cps
Sulfur	34-1	2139401	2247809	2124030	2170413	3.11	cps
Terbium	159-1	5730222	5365397	5401880	5499166	3.65	cps
Terbium	159-2	2618797	2560365	2634198	2604453	1.50	cps
Thallium	203-1	65265	65968	66756	65997	1.13	cps
Thallium	205-1	153074	152762	157814	154550	1.83	cps
Tin	118-1	1000	867	992	953	7.84	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	ICSAB92	Instrumnet Name :	P8
Client Sample ID :	ICSAB92	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:36:56	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1475108	1483353	1456154	1471539	0.95	cps
Uranium	238-1	200	292	225	239	19.84	cps
Vanadium	51-2	19730	19764	20024	19839	0.81	cps
Ytterbium	172-1	33	67	33	44	43.31	cps
Ytterbium	172-2	11	0	28	13	107.86	cps
Ytterbium	176-1	517	458	583	519	12.04	cps
Ytterbium	176-2	3000	3401	3078	3160	6.71	cps
Yttrium	89-1	7847431	7268775	7719193	7611800	3.99	cps
Yttrium	89-2	784506	781617	787808	784643	0.39	cps
Zinc	66-2	5394	5755	5544	5564	3.25	cps
Zirconium	90-1	508	542	667	572	14.59	cps
Zirconium	91-1	208	92	150	150	38.89	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1667636	1727607	1724014	1706419	1.97	cps
Antimony	121-1	2074931	2069735	2017095	2053920	1.56	cps
Arsenic	75-2	59604	59606	59707	59639	0.10	cps
Barium	135-1	2855369	2797053	2758830	2803750	1.73	cps
Barium	137-1	4692710	4682494	4645512	4673572	0.53	cps
Beryllium	9-1	480378	488423	486768	485189	0.88	cps
Bismuth	209-1	2969022	3055311	3038972	3021102	1.52	cps
Bismuth	209-2	1741330	1743033	1727447	1737270	0.49	cps
Boron	10-1	99026	104779	105811	103205	3.54	cps
Boron	11-1	458872	492210	514692	488591	5.75	cps
Bromine	81-1	21429	20897	20576	20967	2.05	cps
Cadmium	111-1	482115	500011	488579	490235	1.85	cps
Cadmium	106-1	53320	55362	54274	54319	1.88	cps
Cadmium	108-1	36979	36302	36252	36511	1.11	cps
Calcium	43-1	4174797	4213960	4104294	4164350	1.33	cps
Calcium	44-1	67649586	67649856	64844022	66714488	2.43	cps
Carbon	12-1	4626957	4832591	5060074	4839874	4.48	cps
Carbon	12-2	51809	51734	52143	51895	0.42	cps
Chlorine	35-1	4486490	4313120	4138045	4312552	4.04	cps
Chlorine	35-2	24288	23136	21875	23100	5.22	cps
Chromium	52-2	625668	619612	631640	625640	0.96	cps
Cobalt	59-2	1182745	1190987	1182719	1185484	0.40	cps
Copper	63-2	9464127	9186882	9258573	9303194	1.55	cps
Dysprosium	156-1	333	542	317	397	31.56	cps
Dysprosium	156-2	230	193	180	201	12.87	cps
Erbium	164-1	150	125	142	139	9.17	cps
Erbium	164-2	37	80	77	64	37.42	cps
Gadolinium	160-1	417	508	350	425	18.71	cps
Gadolinium	160-2	263	217	223	234	10.77	cps
Holmium	165-1	5400749	5425910	5465287	5430648	0.60	cps
Holmium	165-2	2666949	2623430	2660687	2650356	0.89	cps
Indium	115-1	4780045	4935675	4827601	4847774	1.65	cps
Indium	115-2	713971	710948	718340	714419	0.52	cps
Iron	54-2	6856879	6752941	6823583	6811135	0.78	cps
Iron	56-2	127010458	124848311	125755947	125871572	0.86	cps
Iron	57-2	3182266	3204763	3151300	3179443	0.84	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	400	500	563	488	16.88	cps
Lead	206-1	7169585	7324960	7275181	7256575	1.09	cps
Lead	207-1	6286656	6197159	6180124	6221313	0.92	cps
Lead	208-1	28463541	28424769	28219405	28369238	0.46	cps
Lithium	6-1	1848234	1871856	1878095	1866062	0.84	cps
Magnesium	24-2	24761787	24595632	24791972	24716464	0.43	cps
Manganese	55-2	3361707	3332669	3278337	3324238	1.27	cps
Molybdenum	94-1	9084565	8927795	8881852	8964737	1.19	cps
Molybdenum	95-1	13019978	12736029	13202350	12986119	1.81	cps
Molybdenum	96-1	14114483	14326950	14638820	14360084	1.84	cps
Molybdenum	97-1	8140042	8102365	8003289	8081899	0.87	cps
Molybdenum	98-1	20981790	20955214	20670033	20869012	0.83	cps
Neodymium	150-1	207	207	227	213	5.41	cps
Neodymium	150-2	23	13	37	24	47.91	cps
Nickel	60-2	330628	322137	319175	323980	1.83	cps
Phosphorus	31-2	16877	16960	17102	16980	0.67	cps
Potassium	39-2	9386209	9213524	9536728	9378821	1.72	cps
Rhodium	103-1	4484598	4604955	4501559	4530371	1.44	cps
Rhodium	103-2	2149765	2135955	2130331	2138683	0.47	cps
Scandium	45-1	3724658	3768011	3772643	3755104	0.70	cps
Scandium	45-2	108165	107751	110306	108740	1.26	cps
Selenium	82-1	44794	44183	44221	44399	0.77	cps
Selenium	77-2	1267	1360	1150	1259	8.36	cps
Selenium	78-2	4147	4331	4300	4259	2.31	cps
Silicon	28-1	24092979	23889914	24180835	24054576	0.62	cps
Silver	107-1	2913790	2913159	2819950	2882300	1.87	cps
Silver	109-1	2750489	2757501	2791304	2766431	0.79	cps
Sodium	23-2	48343068	48189480	47417265	47983271	1.03	cps
Strontium	86-1	8146292	8131342	8144100	8140578	0.10	cps
Strontium	88-1	68870833	71516716	71390181	70592577	2.11	cps
Sulfur	34-1	520513	512900	514061	515825	0.80	cps
Terbium	159-1	5619397	5775299	5690857	5695184	1.37	cps
Terbium	159-2	2647611	2575894	2692667	2638724	2.23	cps
Thallium	203-1	1727983	1707448	1763616	1733016	1.64	cps
Thallium	205-1	4088673	4084017	4187074	4119921	1.41	cps
Tin	118-1	1881876	1847927	1804234	1844679	2.11	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV01	Instrumnet Name :	P8
Client Sample ID :	CCV01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:39:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4169069	4160573	4109621	4146421	0.78	cps
Uranium	238-1	5171330	5481961	5485571	5379621	3.35	cps
Vanadium	51-2	517390	523948	509025	516788	1.45	cps
Ytterbium	172-1	125	83	58	89	37.88	cps
Ytterbium	172-2	33	39	28	33	16.67	cps
Ytterbium	176-1	8295	8186	7611	8030	4.58	cps
Ytterbium	176-2	6685	6963	6607	6752	2.77	cps
Yttrium	89-1	7549838	7943481	7733996	7742438	2.54	cps
Yttrium	89-2	777663	767087	778079	774276	0.80	cps
Zinc	66-2	890854	883517	900689	891687	0.97	cps
Zirconium	90-1	4406322	4504578	4358873	4423258	1.68	cps
Zirconium	91-1	942894	959917	934036	945616	1.39	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	112	67	90	25.13	cps
Antimony	121-1	150	267	292	236	32.02	cps
Arsenic	75-2	5	6	8	6	24.12	cps
Barium	135-1	33	58	8	33	75.02	cps
Barium	137-1	50	58	33	47	26.97	cps
Beryllium	9-1	100	86	86	91	8.92	cps
Bismuth	209-1	2941464	2907769	2912147	2920460	0.63	cps
Bismuth	209-2	1706864	1759192	1766189	1744082	1.86	cps
Boron	10-1	5072	5344	5668	5361	5.57	cps
Boron	11-1	25087	25283	25393	25254	0.61	cps
Bromine	81-1	20325	21850	21007	21061	3.63	cps
Cadmium	111-1	1123	1234	917	1091	14.77	cps
Cadmium	106-1	1550	1742	1300	1531	14.47	cps
Cadmium	108-1	17	8	8	11	43.34	cps
Calcium	43-1	231	265	235	244	7.59	cps
Calcium	44-1	15962	16250	15893	16035	1.18	cps
Carbon	12-1	3675612	3621454	3779568	3692211	2.18	cps
Carbon	12-2	36329	36763	35419	36170	1.90	cps
Chlorine	35-1	984584	952687	934494	957255	2.65	cps
Chlorine	35-2	5776	5951	5209	5646	6.87	cps
Chromium	52-2	550	603	447	533	14.93	cps
Cobalt	59-2	57	47	47	50	11.55	cps
Copper	63-2	773	783	643	733	10.65	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	50	92	56	60.62	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	17	58	58	44	54.12	cps
Gadolinium	160-2	33	37	47	39	17.85	cps
Holmium	165-1	4965394	5066685	4932329	4988136	1.40	cps
Holmium	165-2	2495736	2414683	2510676	2473698	2.09	cps
Indium	115-1	4671359	4790179	4662424	4707987	1.51	cps
Indium	115-2	706665	710900	715063	710876	0.59	cps
Iron	54-2	467	450	444	454	2.55	cps
Iron	56-2	3840	3606	3534	3660	4.36	cps
Iron	57-2	206	200	161	189	12.82	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	447	453	487	13.07	cps
Lead	206-1	706	800	739	748	6.40	cps
Lead	207-1	728	578	744	683	13.43	cps
Lead	208-1	3072	3011	3067	3050	1.11	cps
Lithium	6-1	1736388	1775503	1787720	1766537	1.52	cps
Magnesium	24-2	575	508	533	539	6.25	cps
Manganese	55-2	87	80	83	83	4.00	cps
Molybdenum	94-1	400	400	358	386	6.23	cps
Molybdenum	95-1	533	383	233	383	39.13	cps
Molybdenum	96-1	592	492	450	511	14.25	cps
Molybdenum	97-1	275	175	192	214	25.05	cps
Molybdenum	98-1	683	592	500	592	15.49	cps
Neodymium	150-1	33	13	0	16	107.86	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	120	107	104	16.06	cps
Phosphorus	31-2	167	183	175	175	4.76	cps
Potassium	39-2	14958	14691	15058	14902	1.27	cps
Rhodium	103-1	4555234	4369665	4423631	4449510	2.15	cps
Rhodium	103-2	2111204	2130141	2125160	2122168	0.46	cps
Scandium	45-1	3445634	3533210	3529716	3502853	1.42	cps
Scandium	45-2	101969	101287	103621	102292	1.17	cps
Selenium	82-1	-72	66	33	9	805.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	52	58	59	12.79	cps
Silicon	28-1	549877	544514	550925	548439	0.63	cps
Silver	107-1	125	158	167	150	14.70	cps
Silver	109-1	175	108	183	156	26.43	cps
Sodium	23-2	13548	13473	14303	13775	3.33	cps
Strontium	86-1	775	933	717	808	13.87	cps
Strontium	88-1	458	558	317	444	27.32	cps
Sulfur	34-1	275441	276587	278357	276795	0.53	cps
Terbium	159-1	5334789	5313937	5291435	5313387	0.41	cps
Terbium	159-2	2455057	2433957	2465363	2451459	0.65	cps
Thallium	203-1	408	392	242	347	26.44	cps
Thallium	205-1	825	725	850	800	8.27	cps
Tin	118-1	442	467	400	436	7.72	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB01	Instrumnet Name :	P8
Client Sample ID :	CCB01	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:50:18	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	242	208	228	7.62	cps
Uranium	238-1	75	8	17	33	108.97	cps
Vanadium	51-2	3	3	13	7	86.65	cps
Ytterbium	172-1	0	17	8	8	100.02	cps
Ytterbium	172-2	6	11	17	11	49.99	cps
Ytterbium	176-1	483	542	350	458	21.44	cps
Ytterbium	176-2	2850	3117	3034	3000	4.55	cps
Yttrium	89-1	7349218	7202559	7206194	7252657	1.15	cps
Yttrium	89-2	730494	735141	734555	733397	0.35	cps
Zinc	66-2	127	157	140	141	10.65	cps
Zirconium	90-1	533	467	492	497	6.77	cps
Zirconium	91-1	117	92	58	89	32.93	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:53:21 DataFile Name : 020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	635	642	671	650	2.95	cps
Antimony	121-1	7427	7144	7102	7224	2.45	cps
Arsenic	75-2	104	103	118	108	7.74	cps
Barium	135-1	9303	9379	9012	9231	2.10	cps
Barium	137-1	16244	17278	16269	16597	3.56	cps
Beryllium	9-1	1004	948	1034	995	4.39	cps
Bismuth	209-1	2939998	2845441	2965269	2916903	2.17	cps
Bismuth	209-2	1817055	1778577	1797152	1797595	1.07	cps
Boron	10-1	6322	6716	6714	6584	3.45	cps
Boron	11-1	29215	29828	31544	30196	4.00	cps
Bromine	81-1	20306	20536	20637	20493	0.83	cps
Cadmium	111-1	2051	2004	1840	1965	5.64	cps
Cadmium	106-1	1783	1492	1425	1567	12.16	cps
Cadmium	108-1	104	75	113	97	20.25	cps
Calcium	43-1	7035	7117	7116	7089	0.67	cps
Calcium	44-1	128899	128453	128954	128769	0.21	cps
Carbon	12-1	3831441	3772874	3761714	3788676	0.99	cps
Carbon	12-2	35067	36371	37240	36226	3.02	cps
Chlorine	35-1	730557	733221	702420	722066	2.36	cps
Chlorine	35-2	4392	4234	4384	4337	2.06	cps
Chromium	52-2	2880	2897	2957	2911	1.39	cps
Cobalt	59-2	2277	2197	2244	2239	1.79	cps
Copper	63-2	4067	3821	3861	3916	3.38	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	75	42	42	80.00	cps
Erbium	164-2	20	17	20	19	10.18	cps
Gadolinium	160-1	17	25	25	22	21.64	cps
Gadolinium	160-2	20	17	37	24	43.83	cps
Holmium	165-1	5099008	5208783	5004843	5104212	2.00	cps
Holmium	165-2	2459642	2535772	2518031	2504482	1.59	cps
Indium	115-1	4815317	4702346	4902335	4806666	2.09	cps
Indium	115-2	716554	719514	721063	719043	0.32	cps
Iron	54-2	2884	2895	3262	3013	7.14	cps
Iron	56-2	47524	49671	48811	48669	2.22	cps
Iron	57-2	1217	1339	1439	1332	8.36	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:53:21	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	513	523	447	494	8.43	cps
Lead	206-1	2945	2984	3200	3043	4.53	cps
Lead	207-1	2556	2645	2617	2606	1.75	cps
Lead	208-1	12258	11541	12414	12071	3.86	cps
Lithium	6-1	1830111	1835359	1732694	1799388	3.21	cps
Magnesium	24-2	44753	42630	42354	43246	3.04	cps
Manganese	55-2	700	607	590	632	9.38	cps
Molybdenum	94-1	8953	8545	8828	8775	2.39	cps
Molybdenum	95-1	10287	10404	10921	10538	3.20	cps
Molybdenum	96-1	11889	11547	11605	11680	1.57	cps
Molybdenum	97-1	6877	6944	6994	6938	0.84	cps
Molybdenum	98-1	17562	16952	16969	17161	2.02	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	540	687	783	670	18.29	cps
Phosphorus	31-2	117	200	125	147	31.18	cps
Potassium	39-2	47613	47311	48975	47966	1.85	cps
Rhodium	103-1	4652366	4636534	4622277	4637059	0.32	cps
Rhodium	103-2	2205332	2198108	2176784	2193408	0.68	cps
Scandium	45-1	3528775	3498531	3531273	3519527	0.52	cps
Scandium	45-2	103098	104325	101244	102889	1.51	cps
Selenium	82-1	420	373	485	426	13.20	cps
Selenium	77-2	7	20	10	12	56.76	cps
Selenium	78-2	99	110	75	95	18.90	cps
Silicon	28-1	582087	580110	576342	579513	0.50	cps
Silver	107-1	5101	4476	4384	4654	8.38	cps
Silver	109-1	4493	4434	4459	4462	0.66	cps
Sodium	23-2	95153	95722	92384	94420	1.89	cps
Strontium	86-1	2225	2109	2167	2167	2.69	cps
Strontium	88-1	12573	12514	11964	12350	2.72	cps
Sulfur	34-1	280882	280708	279891	280494	0.19	cps
Terbium	159-1	5338343	5386721	5545924	5423663	2.00	cps
Terbium	159-2	2569945	2563996	2597774	2577238	0.70	cps
Thallium	203-1	3176	3034	3284	3164	3.96	cps
Thallium	205-1	7586	7861	7619	7689	1.95	cps
Tin	118-1	16761	16919	16836	16839	0.47	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:53:21	DataFile Name :	020LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3684	3300	3242	3409	7.04	cps
Uranium	238-1	8928	8845	9487	9087	3.84	cps
Vanadium	51-2	4534	4394	4721	4550	3.60	cps
Ytterbium	172-1	0	25	8	11	114.58	cps
Ytterbium	172-2	0	0	0	0	0.00	cps
Ytterbium	176-1	533	533	692	586	15.60	cps
Ytterbium	176-2	2873	2917	3073	2954	3.56	cps
Yttrium	89-1	7030277	7411108	7337573	7259653	2.78	cps
Yttrium	89-2	745984	760583	742589	749718	1.28	cps
Zinc	66-2	483	623	503	537	14.11	cps
Zirconium	90-1	7802	8003	7786	7864	1.53	cps
Zirconium	91-1	1683	1742	1783	1736	2.89	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : PB141919BL Instrumnet Name : P8
 Client Sample ID : PB141919BL Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 17:56:26 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	130	109	114	117	9.46	cps
Antimony	121-1	233	117	142	164	37.48	cps
Arsenic	75-2	9	4	2	5	72.11	cps
Barium	135-1	242	83	50	125	81.93	cps
Barium	137-1	433	50	25	169	135.08	cps
Beryllium	9-1	96	58	86	80	24.62	cps
Bismuth	209-1	2935307	2925125	2823297	2894576	2.14	cps
Bismuth	209-2	1823586	1745571	1650739	1739965	4.97	cps
Boron	10-1	4710	4624	4720	4685	1.13	cps
Boron	11-1	22074	22571	21800	22148	1.76	cps
Bromine	81-1	20175	20897	21609	20894	3.43	cps
Cadmium	111-1	1198	1181	1148	1175	2.16	cps
Cadmium	106-1	1675	1633	1608	1639	2.05	cps
Cadmium	108-1	42	13	17	24	66.81	cps
Calcium	43-1	517	231	239	329	49.57	cps
Calcium	44-1	21258	16128	15994	17794	16.87	cps
Carbon	12-1	3718081	3651510	3623349	3664314	1.33	cps
Carbon	12-2	34257	35068	34692	34672	1.17	cps
Chlorine	35-1	579675	577880	573393	576983	0.56	cps
Chlorine	35-2	3576	3534	3376	3495	3.02	cps
Chromium	52-2	417	513	527	486	12.36	cps
Cobalt	59-2	47	50	83	60	33.79	cps
Copper	63-2	720	683	697	700	2.65	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	33	58	8	33	75.01	cps
Gadolinium	160-2	43	60	27	43	38.46	cps
Holmium	165-1	5072021	4967202	4928187	4989137	1.49	cps
Holmium	165-2	2546330	2558466	2361237	2488678	4.44	cps
Indium	115-1	4725185	4617633	4616778	4653199	1.34	cps
Indium	115-2	722954	719594	680479	707676	3.34	cps
Iron	54-2	461	500	650	537	18.57	cps
Iron	56-2	4568	4779	3901	4416	10.38	cps
Iron	57-2	300	250	261	270	9.71	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BL	Instrumnet Name :	P8
Client Sample ID :	PB141919BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:56:26	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	560	490	487	512	8.09	cps
Lead	206-1	1195	706	578	826	39.42	cps
Lead	207-1	928	533	522	661	34.95	cps
Lead	208-1	4590	2678	2417	3228	36.76	cps
Lithium	6-1	1722021	1815317	1748981	1762106	2.72	cps
Magnesium	24-2	725	733	467	642	23.63	cps
Manganese	55-2	60	113	70	81	34.96	cps
Molybdenum	94-1	1017	225	317	520	83.38	cps
Molybdenum	95-1	1626	258	192	692	116.98	cps
Molybdenum	96-1	1651	275	292	739	106.82	cps
Molybdenum	97-1	925	108	158	397	115.25	cps
Molybdenum	98-1	2269	533	308	1037	103.47	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	87	120	107	104	16.06	cps
Phosphorus	31-2	125	183	108	139	28.35	cps
Potassium	39-2	15308	15334	14216	14953	4.27	cps
Rhodium	103-1	4538752	4385771	4462501	4462341	1.71	cps
Rhodium	103-2	2166456	2126048	2040042	2110849	3.06	cps
Scandium	45-1	3578767	3546670	3474798	3533412	1.51	cps
Scandium	45-2	103315	102359	98207	101294	2.68	cps
Selenium	82-1	-46	2	22	-7	-495.58	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	53	55	55	2.79	cps
Silicon	28-1	545248	547574	544042	545621	0.33	cps
Silver	107-1	258	67	167	164	58.49	cps
Silver	109-1	183	125	117	142	25.64	cps
Sodium	23-2	12831	12914	11947	12564	4.27	cps
Strontium	86-1	1292	942	808	1014	24.63	cps
Strontium	88-1	8356	692	417	3155	142.84	cps
Sulfur	34-1	280462	279495	280820	280259	0.24	cps
Terbium	159-1	5245705	5380411	5435787	5353967	1.83	cps
Terbium	159-2	2536331	2492006	2394850	2474396	2.92	cps
Thallium	203-1	425	300	250	325	27.74	cps
Thallium	205-1	917	592	758	756	21.51	cps
Tin	118-1	700	442	675	606	23.53	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BL	Instrumnet Name :	P8
Client Sample ID :	PB141919BL	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:56:26	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	892	225	150	422	96.72	cps
Uranium	238-1	308	42	33	128	122.42	cps
Vanadium	51-2	10	13	13	12	15.73	cps
Ytterbium	172-1	25	42	8	25	66.68	cps
Ytterbium	172-2	17	6	11	11	49.99	cps
Ytterbium	176-1	567	467	517	517	9.68	cps
Ytterbium	176-2	2834	2962	3056	2950	3.78	cps
Yttrium	89-1	7339317	7168662	7102841	7203607	1.69	cps
Yttrium	89-2	745852	733556	708228	729212	2.63	cps
Zinc	66-2	130	173	107	137	24.75	cps
Zirconium	90-1	825	550	433	603	33.37	cps
Zirconium	91-1	142	108	50	100	46.40	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	327095	325849	328024	326989	0.33	cps
Antimony	121-1	1987560	1940936	1940168	1956221	1.39	cps
Arsenic	75-2	57680	57920	57025	57542	0.80	cps
Barium	135-1	2611020	2635225	2637926	2628057	0.56	cps
Barium	137-1	4427053	4448150	4483522	4452909	0.64	cps
Beryllium	9-1	463412	471115	479552	471360	1.71	cps
Bismuth	209-1	3020385	3035923	3003166	3019825	0.54	cps
Bismuth	209-2	1846439	1829296	1869007	1848247	1.08	cps
Boron	10-1	81700	87312	93348	87453	6.66	cps
Boron	11-1	389106	408259	436055	411140	5.74	cps
Bromine	81-1	20586	20065	20366	20339	1.29	cps
Cadmium	111-1	485429	490502	495137	490356	0.99	cps
Cadmium	106-1	55714	54668	53965	54782	1.61	cps
Cadmium	108-1	36265	37342	36887	36831	1.47	cps
Calcium	43-1	777236	781605	787080	781974	0.63	cps
Calcium	44-1	12930421	13132633	12921847	12994967	0.92	cps
Carbon	12-1	4976104	5458621	5716177	5383634	6.98	cps
Carbon	12-2	59321	58618	61538	59826	2.55	cps
Chlorine	35-1	453503	436590	443445	444513	1.91	cps
Chlorine	35-2	2909	2950	2859	2906	1.58	cps
Chromium	52-2	629259	618944	613115	620439	1.32	cps
Cobalt	59-2	1117675	1129193	1117028	1121299	0.61	cps
Copper	63-2	9255707	9129873	8977263	9120947	1.53	cps
Dysprosium	156-1	100	67	125	97	30.10	cps
Dysprosium	156-2	33	47	37	39	17.85	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	10	37	23	23	57.15	cps
Gadolinium	160-1	125	108	117	117	7.14	cps
Gadolinium	160-2	70	83	87	80	11.02	cps
Holmium	165-1	5299168	5268998	5153598	5240588	1.47	cps
Holmium	165-2	2710044	2630117	2597201	2645787	2.19	cps
Indium	115-1	4872446	4903858	4793111	4856471	1.18	cps
Indium	115-2	732294	726314	733929	730846	0.55	cps
Iron	54-2	1485180	1418120	1461190	1454830	2.34	cps
Iron	56-2	25649496	25729945	26248354	25875932	1.26	cps
Iron	57-2	603073	598706	612189	604656	1.14	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	470	480	537	496	7.25	cps
Lead	206-1	6898101	6972420	6699704	6856741	2.06	cps
Lead	207-1	5910984	6024294	5839229	5924836	1.57	cps
Lead	208-1	27066999	27443753	27202382	27237711	0.70	cps
Lithium	6-1	1838677	1845177	1790203	1824686	1.65	cps
Magnesium	24-2	5159098	5000324	4957072	5038831	2.11	cps
Manganese	55-2	3234006	3275904	3309951	3273287	1.16	cps
Molybdenum	94-1	8447989	8795143	8598387	8613840	2.02	cps
Molybdenum	95-1	12524175	12414284	12903466	12613975	2.03	cps
Molybdenum	96-1	13506860	13742314	13980296	13743157	1.72	cps
Molybdenum	97-1	7625793	7652155	7711600	7663183	0.57	cps
Molybdenum	98-1	20145803	20018888	20064875	20076522	0.32	cps
Neodymium	150-1	153	113	133	133	15.00	cps
Neodymium	150-2	10	23	20	18	39.03	cps
Nickel	60-2	300546	302030	301913	301496	0.27	cps
Phosphorus	31-2	17302	16952	16418	16891	2.64	cps
Potassium	39-2	2009083	1939028	1944970	1964361	1.98	cps
Rhodium	103-1	4555268	4603569	4514550	4557796	0.98	cps
Rhodium	103-2	2201450	2187563	2205781	2198265	0.43	cps
Scandium	45-1	3627327	3692701	3587258	3635762	1.46	cps
Scandium	45-2	108120	109095	106283	107832	1.32	cps
Selenium	82-1	41034	41468	41472	41325	0.61	cps
Selenium	77-2	1257	1237	1167	1220	3.87	cps
Selenium	78-2	4030	4086	3975	4030	1.38	cps
Silicon	28-1	20362616	21579850	21186602	21043023	2.95	cps
Silver	107-1	2660965	2752806	2670992	2694921	1.87	cps
Silver	109-1	2544636	2519978	2600306	2554973	1.61	cps
Sodium	23-2	9802710	9679723	9647877	9710104	0.84	cps
Strontium	86-1	7814181	7859618	7817207	7830336	0.32	cps
Strontium	88-1	67558181	68110968	68546785	68071978	0.73	cps
Sulfur	34-1	512540	513645	515208	513798	0.26	cps
Terbium	159-1	5641482	5540593	5641554	5607876	1.04	cps
Terbium	159-2	2633852	2650750	2682110	2655570	0.92	cps
Thallium	203-1	1645179	1598474	1695959	1646538	2.96	cps
Thallium	205-1	3972587	3943465	3911144	3942399	0.78	cps
Tin	118-1	1777178	1746188	1774742	1766036	0.98	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	PB141919BS	Instrumnet Name :	P8
Client Sample ID :	PB141919BS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 17:59:30	DataFile Name :	022LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3913266	3992030	3874110	3926469	1.53	cps
Uranium	238-1	5095604	5012413	5005080	5037699	1.00	cps
Vanadium	51-2	508127	505835	511765	508576	0.59	cps
Ytterbium	172-1	42	42	33	39	12.38	cps
Ytterbium	172-2	17	44	17	26	61.85	cps
Ytterbium	176-1	7719	7411	7461	7530	2.20	cps
Ytterbium	176-2	6585	6596	6691	6624	0.88	cps
Yttrium	89-1	7572996	7600594	7410581	7528057	1.36	cps
Yttrium	89-2	768843	772258	771350	770817	0.23	cps
Zinc	66-2	909836	921520	895974	909110	1.41	cps
Zirconium	90-1	4168237	4312359	4276693	4252430	1.77	cps
Zirconium	91-1	881984	918167	906936	902362	2.05	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11624	10690	11207	11174	4.19	cps
Antimony	121-1	275	458	358	364	25.23	cps
Arsenic	75-2	66	53	38	52	26.78	cps
Barium	135-1	96594	99280	96610	97495	1.59	cps
Barium	137-1	165489	172803	169043	169111	2.16	cps
Beryllium	9-1	84	84	118	95	20.60	cps
Bismuth	209-1	2904446	2918538	2880231	2901072	0.67	cps
Bismuth	209-2	1744595	1882251	1805527	1810791	3.81	cps
Boron	10-1	11971	12465	12585	12340	2.64	cps
Boron	11-1	57404	58954	60560	58973	2.68	cps
Bromine	81-1	37820	41956	44266	41347	7.90	cps
Cadmium	111-1	899	1007	1103	1003	10.14	cps
Cadmium	106-1	1233	1400	1508	1381	10.03	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	607498	607330	612020	608949	0.44	cps
Calcium	44-1	10213671	10189541	10485802	10296338	1.60	cps
Carbon	12-1	6485558	7273233	7799960	7186250	9.21	cps
Carbon	12-2	83656	83622	85098	84125	1.00	cps
Chlorine	35-1	598632	641334	690559	643508	7.15	cps
Chlorine	35-2	4834	5318	5293	5148	5.29	cps
Chromium	52-2	2937	2944	2854	2911	1.72	cps
Cobalt	59-2	783	750	697	743	5.88	cps
Copper	63-2	2894	2914	2650	2819	5.20	cps
Dysprosium	156-1	217	200	225	214	5.95	cps
Dysprosium	156-2	153	110	100	121	23.41	cps
Erbium	164-1	108	275	183	189	44.19	cps
Erbium	164-2	143	130	93	122	21.19	cps
Gadolinium	160-1	200	233	250	228	11.18	cps
Gadolinium	160-2	160	190	103	151	29.13	cps
Holmium	165-1	5170528	5042177	4903769	5038824	2.65	cps
Holmium	165-2	2508223	2695192	2563545	2588987	3.71	cps
Indium	115-1	4687564	4760784	4642890	4697079	1.27	cps
Indium	115-2	704671	757404	720405	727493	3.72	cps
Iron	54-2	17963	16422	17423	17269	4.53	cps
Iron	56-2	295446	305523	309745	303571	2.42	cps
Iron	57-2	8693	7691	8481	8288	6.37	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	513	473	440	476	7.72	cps
Lead	206-1	5612	5763	5412	5596	3.14	cps
Lead	207-1	4912	4579	4523	4671	4.50	cps
Lead	208-1	21318	21808	21279	21468	1.37	cps
Lithium	6-1	1845595	1770349	1742825	1786256	2.98	cps
Magnesium	24-2	1118237	1108541	1102812	1109863	0.70	cps
Manganese	55-2	5484	5378	5194	5352	2.74	cps
Molybdenum	94-1	2134	1650	1408	1731	21.34	cps
Molybdenum	95-1	1809	1375	1558	1581	13.76	cps
Molybdenum	96-1	2117	1750	1784	1884	10.77	cps
Molybdenum	97-1	1025	1133	1000	1053	6.73	cps
Molybdenum	98-1	2425	2559	2267	2417	6.04	cps
Neodymium	150-1	353	347	313	338	6.35	cps
Neodymium	150-2	97	103	143	114	22.06	cps
Nickel	60-2	1060	1013	1080	1051	3.25	cps
Phosphorus	31-2	242	200	250	231	11.62	cps
Potassium	39-2	191638	188094	187217	188983	1.24	cps
Rhodium	103-1	4483776	4588114	4342383	4471424	2.76	cps
Rhodium	103-2	2142133	2271392	2143509	2185678	3.40	cps
Scandium	45-1	3454307	3525140	3606640	3528696	2.16	cps
Scandium	45-2	102855	110817	104356	106010	3.99	cps
Selenium	82-1	88	80	140	103	31.33	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	69	84	78	77	9.80	cps
Silicon	28-1	28895209	30172420	28583596	29217075	2.88	cps
Silver	107-1	558	350	392	433	25.44	cps
Silver	109-1	442	425	383	417	7.21	cps
Sodium	23-2	6792407	6828521	6713047	6777992	0.87	cps
Strontium	86-1	419639	446470	423469	429859	3.38	cps
Strontium	88-1	3844887	3865793	3781252	3830644	1.15	cps
Sulfur	34-1	575556	576272	578356	576728	0.25	cps
Terbium	159-1	5289857	5483802	5108242	5293967	3.55	cps
Terbium	159-2	2506761	2724675	2539306	2590247	4.54	cps
Thallium	203-1	258	208	258	242	11.94	cps
Thallium	205-1	550	642	500	564	12.74	cps
Tin	118-1	1283	1275	1575	1378	12.40	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01	Instrumnet Name :	P8
Client Sample ID :	P-1	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:09:18	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6044	5685	6437	6055	6.22	cps
Uranium	238-1	1684	1592	1692	1656	3.35	cps
Vanadium	51-2	1887	1763	1943	1865	4.94	cps
Ytterbium	172-1	83	92	150	108	33.53	cps
Ytterbium	172-2	33	89	78	67	44.10	cps
Ytterbium	176-1	592	542	542	558	5.17	cps
Ytterbium	176-2	2912	3245	3073	3076	5.42	cps
Yttrium	89-1	7259614	7226868	7078499	7188327	1.34	cps
Yttrium	89-2	731145	788532	756754	758810	3.79	cps
Zinc	66-2	4427	4394	4411	4411	0.38	cps
Zirconium	90-1	2050	1834	1875	1920	5.99	cps
Zirconium	91-1	458	517	675	550	20.40	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	140	112	123	12.13	cps
Antimony	121-1	317	142	142	200	50.52	cps
Arsenic	75-2	6	6	7	6	9.12	cps
Barium	135-1	467	125	108	233	86.69	cps
Barium	137-1	909	225	233	456	86.10	cps
Beryllium	9-1	108	68	82	86	23.60	cps
Bismuth	209-1	2950494	2884394	2859083	2897990	1.63	cps
Bismuth	209-2	1610629	1699018	1730478	1680042	3.70	cps
Boron	10-1	4516	4268	4134	4306	4.50	cps
Boron	11-1	20592	19896	18960	19816	4.13	cps
Bromine	81-1	24677	24607	22130	23805	6.09	cps
Cadmium	111-1	1130	1045	1088	1088	3.89	cps
Cadmium	106-1	1617	1525	1542	1561	3.13	cps
Cadmium	108-1	104	50	29	61	63.36	cps
Calcium	43-1	1006	605	582	731	32.61	cps
Calcium	44-1	28659	22691	22296	24549	14.52	cps
Carbon	12-1	6625785	7132941	7646189	7134971	7.15	cps
Carbon	12-2	78008	81845	80270	80041	2.41	cps
Chlorine	35-1	532027	537543	526127	531899	1.07	cps
Chlorine	35-2	3092	3576	3075	3248	8.75	cps
Chromium	52-2	687	780	720	729	6.49	cps
Cobalt	59-2	67	57	60	61	8.33	cps
Copper	63-2	1020	903	930	951	6.43	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	42	33	47	36.74	cps
Erbium	164-2	17	30	20	22	31.22	cps
Gadolinium	160-1	17	17	25	19	24.73	cps
Gadolinium	160-2	20	20	50	30	57.74	cps
Holmium	165-1	5042556	4888303	4884252	4938371	1.83	cps
Holmium	165-2	2410144	2390706	2454212	2418354	1.35	cps
Indium	115-1	4764375	4690991	4510570	4655312	2.81	cps
Indium	115-2	695985	699448	695030	696821	0.33	cps
Iron	54-2	583	689	578	617	10.15	cps
Iron	56-2	6474	6663	6713	6616	1.90	cps
Iron	57-2	311	278	250	280	10.94	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	473	460	520	484	6.50	cps
Lead	206-1	1328	950	917	1065	21.45	cps
Lead	207-1	1011	894	844	917	9.33	cps
Lead	208-1	5117	3961	3711	4263	17.59	cps
Lithium	6-1	1776984	1706371	1765195	1749516	2.16	cps
Magnesium	24-2	683	542	592	606	11.87	cps
Manganese	55-2	313	393	317	341	13.27	cps
Molybdenum	94-1	1092	300	333	575	77.89	cps
Molybdenum	95-1	1417	258	225	634	107.17	cps
Molybdenum	96-1	1851	325	308	828	106.98	cps
Molybdenum	97-1	967	217	133	439	104.59	cps
Molybdenum	98-1	2552	417	483	1151	105.51	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	157	163	190	170	10.37	cps
Phosphorus	31-2	100	92	133	108	20.35	cps
Potassium	39-2	14174	14849	14916	14647	2.80	cps
Rhodium	103-1	4439480	4416665	4341886	4399344	1.16	cps
Rhodium	103-2	2053605	2159491	2088150	2100416	2.57	cps
Scandium	45-1	3501225	3333454	3436539	3423740	2.47	cps
Scandium	45-2	103409	99989	100704	101367	1.78	cps
Selenium	82-1	16	6	-12	4	392.58	cps
Selenium	77-2	10	0	0	3	173.21	cps
Selenium	78-2	38	63	51	51	24.68	cps
Silicon	28-1	597619	580262	581007	586296	1.67	cps
Silver	107-1	167	75	75	106	50.14	cps
Silver	109-1	150	75	108	111	33.82	cps
Sodium	23-2	14307	13940	13123	13790	4.40	cps
Strontium	86-1	2192	967	1100	1420	47.36	cps
Strontium	88-1	11026	1733	1992	4917	107.63	cps
Sulfur	34-1	259945	263369	256943	260086	1.24	cps
Terbium	159-1	5257491	5299648	5333012	5296717	0.71	cps
Terbium	159-2	2409887	2467954	2437789	2438543	1.19	cps
Thallium	203-1	233	317	175	242	29.46	cps
Thallium	205-1	608	367	442	472	26.20	cps
Tin	118-1	1108	1167	1192	1156	3.70	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-02	Instrumnet Name :	P8
Client Sample ID :	P-1-(FB)	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:12:18	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	267	250	311	29.51	cps
Uranium	238-1	258	25	25	103	131.08	cps
Vanadium	51-2	17	0	20	12	87.67	cps
Ytterbium	172-1	8	17	17	14	34.67	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	442	483	442	456	5.28	cps
Ytterbium	176-2	2850	2839	3073	2921	4.51	cps
Yttrium	89-1	7087677	7144387	7098384	7110149	0.42	cps
Yttrium	89-2	724237	728247	724850	725778	0.30	cps
Zinc	66-2	5881	5638	6021	5847	3.32	cps
Zirconium	90-1	858	517	483	619	33.51	cps
Zirconium	91-1	167	108	67	114	44.10	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11248	10589	10316	10718	4.47	cps
Antimony	121-1	333	300	292	308	7.15	cps
Arsenic	75-2	43	47	46	45	4.59	cps
Barium	135-1	92810	94613	94883	94102	1.20	cps
Barium	137-1	163721	160900	165194	163271	1.34	cps
Beryllium	9-1	98	78	88	88	11.36	cps
Bismuth	209-1	2776449	2797537	2838640	2804209	1.13	cps
Bismuth	209-2	1709996	1606705	1567445	1628049	4.52	cps
Boron	10-1	10448	11188	11608	11081	5.30	cps
Boron	11-1	52963	53683	56497	54381	3.43	cps
Bromine	81-1	37580	40309	43130	40340	6.88	cps
Cadmium	111-1	945	1131	1067	1048	9.03	cps
Cadmium	106-1	1342	1625	1492	1486	9.54	cps
Cadmium	108-1	33	63	33	43	39.12	cps
Calcium	43-1	584112	587548	591010	587556	0.59	cps
Calcium	44-1	9815182	9990037	10097440	9967553	1.43	cps
Carbon	12-1	7077392	7863676	8391428	7777498	8.50	cps
Carbon	12-2	88526	89171	89448	89048	0.53	cps
Chlorine	35-1	699889	740970	789417	743425	6.03	cps
Chlorine	35-2	5993	5501	6010	5835	4.95	cps
Chromium	52-2	3090	2810	2847	2916	5.22	cps
Cobalt	59-2	630	650	667	649	2.83	cps
Copper	63-2	2707	2677	2634	2673	1.38	cps
Dysprosium	156-1	200	217	217	211	4.56	cps
Dysprosium	156-2	117	100	97	104	10.26	cps
Erbium	164-1	200	142	250	197	27.49	cps
Erbium	164-2	90	110	90	97	11.95	cps
Gadolinium	160-1	275	192	217	228	18.78	cps
Gadolinium	160-2	170	153	147	157	7.67	cps
Holmium	165-1	4927246	4849994	4936381	4904540	0.97	cps
Holmium	165-2	2509183	2458590	2414664	2460812	1.92	cps
Indium	115-1	4555232	4587200	4722559	4621664	1.92	cps
Indium	115-2	693891	703334	695972	697732	0.71	cps
Iron	54-2	16276	16238	16566	16360	1.10	cps
Iron	56-2	289615	301359	286934	292636	2.62	cps
Iron	57-2	8458	8397	7980	8279	3.14	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	467	463	553	494	10.32	cps
Lead	206-1	5429	5535	5407	5457	1.25	cps
Lead	207-1	3940	4084	4162	4062	2.78	cps
Lead	208-1	19367	20184	20296	19949	2.54	cps
Lithium	6-1	1656415	1740227	1686704	1694449	2.50	cps
Magnesium	24-2	1115326	1035664	1013123	1054705	5.09	cps
Manganese	55-2	4994	5228	5174	5132	2.38	cps
Molybdenum	94-1	1525	1801	1433	1586	12.04	cps
Molybdenum	95-1	1083	1167	1233	1161	6.47	cps
Molybdenum	96-1	1475	1667	1433	1525	8.16	cps
Molybdenum	97-1	692	717	783	731	6.49	cps
Molybdenum	98-1	1683	2009	1859	1850	8.79	cps
Neodymium	150-1	674	313	360	449	43.65	cps
Neodymium	150-2	90	113	53	86	35.35	cps
Nickel	60-2	1007	990	1040	1012	2.52	cps
Phosphorus	31-2	267	183	183	211	22.79	cps
Potassium	39-2	187156	186757	182951	185621	1.25	cps
Rhodium	103-1	4334630	4261631	4487918	4361393	2.65	cps
Rhodium	103-2	2055889	2067064	2070282	2064412	0.37	cps
Scandium	45-1	3552887	3488229	3477057	3506058	1.17	cps
Scandium	45-2	102304	101912	101267	101828	0.51	cps
Selenium	82-1	156	129	22	102	69.49	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	62	66	63	64	3.27	cps
Silicon	28-1	29139229	27742356	27850264	28243950	2.75	cps
Silver	107-1	367	375	333	358	6.15	cps
Silver	109-1	275	300	283	286	4.45	cps
Sodium	23-2	6774196	6875381	6581561	6743713	2.21	cps
Strontium	86-1	418494	417924	417567	417995	0.11	cps
Strontium	88-1	3708347	3752409	3710780	3723845	0.67	cps
Sulfur	34-1	554250	558763	570974	561329	1.54	cps
Terbium	159-1	5304780	5273193	5210818	5262930	0.91	cps
Terbium	159-2	2468629	2436384	2415307	2440107	1.10	cps
Thallium	203-1	250	192	183	208	17.44	cps
Thallium	205-1	500	350	517	456	20.15	cps
Tin	118-1	1225	1067	1092	1128	7.55	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01DUP	Instrumnet Name :	P8
Client Sample ID :	P-1DUP	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:15:24	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6321	5961	6920	6401	7.57	cps
Uranium	238-1	1600	1567	1583	1583	1.05	cps
Vanadium	51-2	1700	1753	1770	1741	2.10	cps
Ytterbium	172-1	142	75	108	108	30.77	cps
Ytterbium	172-2	44	67	61	57	20.14	cps
Ytterbium	176-1	558	525	450	511	10.86	cps
Ytterbium	176-2	2845	3034	2967	2949	3.25	cps
Yttrium	89-1	7114256	7161228	7124272	7133252	0.35	cps
Yttrium	89-2	734536	733240	723951	730576	0.79	cps
Zinc	66-2	4261	4057	3901	4073	4.43	cps
Zirconium	90-1	1942	1692	1950	1861	7.89	cps
Zirconium	91-1	400	558	400	453	20.19	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2069	2222	2186	2159	3.72	cps
Antimony	121-1	67	83	75	75	11.11	cps
Arsenic	75-2	16	10	8	11	36.74	cps
Barium	135-1	19114	19915	19807	19612	2.22	cps
Barium	137-1	33325	32506	31529	32454	2.77	cps
Beryllium	9-1	78	52	66	65	19.92	cps
Bismuth	209-1	2989387	2911932	2944102	2948474	1.32	cps
Bismuth	209-2	1808578	1841602	1721176	1790452	3.48	cps
Boron	10-1	4186	4362	4484	4344	3.45	cps
Boron	11-1	20562	21628	22078	21423	3.63	cps
Bromine	81-1	24156	24396	24687	24413	1.09	cps
Cadmium	111-1	1041	1031	979	1017	3.29	cps
Cadmium	106-1	1500	1492	1400	1464	3.79	cps
Cadmium	108-1	25	54	38	39	37.63	cps
Calcium	43-1	118100	116320	116851	117090	0.78	cps
Calcium	44-1	2013934	2022861	2088239	2041678	1.99	cps
Carbon	12-1	4488251	4649155	4778978	4638795	3.14	cps
Carbon	12-2	46942	47495	44953	46463	2.88	cps
Chlorine	35-1	466699	465985	469621	467435	0.41	cps
Chlorine	35-2	3192	3200	3125	3173	1.30	cps
Chromium	52-2	877	997	1027	967	8.21	cps
Cobalt	59-2	137	140	157	144	7.42	cps
Copper	63-2	1077	1007	953	1012	6.11	cps
Dysprosium	156-1	42	42	58	47	20.37	cps
Dysprosium	156-2	30	23	23	26	15.07	cps
Erbium	164-1	100	58	92	83	26.46	cps
Erbium	164-2	30	33	33	32	5.97	cps
Gadolinium	160-1	25	33	33	31	15.74	cps
Gadolinium	160-2	67	43	40	50	29.06	cps
Holmium	165-1	5042520	5074373	4913572	5010155	1.70	cps
Holmium	165-2	2541934	2550963	2487692	2526863	1.35	cps
Indium	115-1	4779159	4656668	4677138	4704321	1.39	cps
Indium	115-2	707575	716882	717907	714121	0.80	cps
Iron	54-2	3534	3323	3406	3421	3.11	cps
Iron	56-2	58074	63597	59658	60443	4.71	cps
Iron	57-2	1717	1533	1806	1685	8.24	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	450	483	417	450	7.41	cps
Lead	206-1	1489	1445	1717	1550	9.42	cps
Lead	207-1	1361	1350	1106	1272	11.35	cps
Lead	208-1	6106	5878	5712	5899	3.36	cps
Lithium	6-1	1790214	1781147	1815160	1795507	0.98	cps
Magnesium	24-2	212988	210037	212500	211842	0.75	cps
Manganese	55-2	1150	1067	1167	1128	4.75	cps
Molybdenum	94-1	675	533	325	511	34.45	cps
Molybdenum	95-1	300	342	317	319	6.57	cps
Molybdenum	96-1	333	558	375	422	28.35	cps
Molybdenum	97-1	233	133	200	189	26.96	cps
Molybdenum	98-1	475	467	475	472	1.02	cps
Neodymium	150-1	27	60	47	44	37.74	cps
Neodymium	150-2	23	37	13	24	47.91	cps
Nickel	60-2	293	270	267	277	5.25	cps
Phosphorus	31-2	125	158	108	131	19.50	cps
Potassium	39-2	49201	48524	46852	48192	2.51	cps
Rhodium	103-1	4538427	4449493	4482407	4490109	1.00	cps
Rhodium	103-2	2167251	2195114	2082542	2148302	2.73	cps
Scandium	45-1	3490194	3461451	3516102	3489249	0.78	cps
Scandium	45-2	102728	104114	104134	103659	0.78	cps
Selenium	82-1	54	42	77	58	31.11	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	55	60	55	57	5.09	cps
Silicon	28-1	5804307	5782327	5952968	5846534	1.59	cps
Silver	107-1	133	67	158	119	39.67	cps
Silver	109-1	83	117	167	122	34.31	cps
Sodium	23-2	1428146	1348519	1368797	1381821	2.99	cps
Strontium	86-1	80114	86082	84950	83715	3.79	cps
Strontium	88-1	712829	721080	719134	717681	0.60	cps
Sulfur	34-1	321265	323014	322969	322416	0.31	cps
Terbium	159-1	5415406	5251634	5348135	5338392	1.54	cps
Terbium	159-2	2592044	2554507	2526714	2557755	1.28	cps
Thallium	203-1	283	158	200	214	29.76	cps
Thallium	205-1	408	417	367	397	6.74	cps
Tin	118-1	808	675	583	689	16.42	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01LX5	Instrumnet Name :	P8
Client Sample ID :	P-1L	Dilution Factor :	5
Date & Time Acquired ::	2022-01-07 18:22:32	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1192	1000	1358	1183	15.15	cps
Uranium	238-1	317	317	292	308	4.68	cps
Vanadium	51-2	360	280	307	316	12.91	cps
Ytterbium	172-1	33	17	17	22	43.28	cps
Ytterbium	172-2	22	6	11	13	65.44	cps
Ytterbium	176-1	567	558	550	558	1.49	cps
Ytterbium	176-2	2878	2978	2973	2943	1.91	cps
Yttrium	89-1	7314268	7142528	7195109	7217302	1.22	cps
Yttrium	89-2	735549	749441	734038	739676	1.15	cps
Zinc	66-2	1470	1327	1467	1421	5.76	cps
Zirconium	90-1	692	1050	733	825	23.76	cps
Zirconium	91-1	133	175	200	169	19.88	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : M5234-01MS Instrumnet Name : P8
 Client Sample ID : P-1MS Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 18:25:32 DataFile Name : 028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	310822	311344	309339	310501	0.33	cps
Antimony	121-1	2045780	2102965	2127450	2092065	2.00	cps
Arsenic	75-2	60261	60570	60359	60397	0.26	cps
Barium	135-1	2620306	2725797	2721065	2689056	2.22	cps
Barium	137-1	4334407	4524912	4697503	4518941	4.02	cps
Beryllium	9-1	483147	495939	505080	494722	2.23	cps
Bismuth	209-1	2841044	2938298	2865611	2881651	1.75	cps
Bismuth	209-2	1617842	1742478	1668724	1676348	3.74	cps
Boron	10-1	49399	52937	56842	53059	7.02	cps
Boron	11-1	231726	249305	265526	248852	6.79	cps
Bromine	81-1	35903	40480	40259	38881	6.64	cps
Cadmium	111-1	486706	497108	503228	495681	1.69	cps
Cadmium	106-1	52668	56868	55797	55111	3.96	cps
Cadmium	108-1	35956	37079	37021	36685	1.72	cps
Calcium	43-1	606665	617395	630980	618346	1.97	cps
Calcium	44-1	10339491	10433638	10596209	10456446	1.24	cps
Carbon	12-1	6867853	7482886	7930669	7427136	7.18	cps
Carbon	12-2	86866	88349	90388	88534	2.00	cps
Chlorine	35-1	702518	760003	804897	755806	6.79	cps
Chlorine	35-2	5351	5993	6302	5882	8.24	cps
Chromium	52-2	644593	649281	649445	647773	0.43	cps
Cobalt	59-2	1159303	1170534	1157543	1162460	0.61	cps
Copper	63-2	9667229	9509720	9692772	9623240	1.03	cps
Dysprosium	156-1	225	292	358	292	22.86	cps
Dysprosium	156-2	177	147	127	150	16.78	cps
Erbium	164-1	250	250	208	236	10.19	cps
Erbium	164-2	193	107	90	130	42.68	cps
Gadolinium	160-1	208	217	158	194	16.22	cps
Gadolinium	160-2	190	153	163	169	11.22	cps
Holmium	165-1	5065094	4980135	5128781	5058003	1.47	cps
Holmium	165-2	2516461	2571876	2482195	2523511	1.79	cps
Indium	115-1	4613027	4589544	4525952	4576174	0.98	cps
Indium	115-2	695335	698881	678452	690889	1.58	cps
Iron	54-2	1449827	1397170	1424353	1423783	1.85	cps
Iron	56-2	25424351	24681218	25663689	25256419	2.03	cps
Iron	57-2	597704	590662	595158	594508	0.60	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MS	Instrumnet Name :	P8
Client Sample ID :	P-1MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:25:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	553	510	430	498	12.57	cps
Lead	206-1	6692312	7083720	6958093	6911375	2.89	cps
Lead	207-1	5736115	6177216	6264316	6059216	4.67	cps
Lead	208-1	26470605	28020243	28367528	27619459	3.66	cps
Lithium	6-1	1754500	1776212	1759383	1763365	0.65	cps
Magnesium	24-2	5804588	5937519	5938824	5893643	1.31	cps
Manganese	55-2	3488587	3435882	3500326	3474932	0.99	cps
Molybdenum	94-1	4559264	4519916	4760528	4613236	2.80	cps
Molybdenum	95-1	5549926	5352426	5635715	5512689	2.64	cps
Molybdenum	96-1	6081168	6082626	6274389	6146061	1.81	cps
Molybdenum	97-1	3304370	3429999	3440339	3391569	2.23	cps
Molybdenum	98-1	8658203	8786320	8718761	8721095	0.73	cps
Neodymium	150-1	380	387	353	373	4.72	cps
Neodymium	150-2	127	90	87	101	21.95	cps
Nickel	60-2	308034	307596	313202	309611	1.01	cps
Phosphorus	31-2	242	192	250	228	13.85	cps
Potassium	39-2	2064852	2074672	2058268	2065931	0.40	cps
Rhodium	103-1	4335040	4388561	4350085	4357895	0.63	cps
Rhodium	103-2	2114929	2179747	2014632	2103103	3.96	cps
Scandium	45-1	3462925	3498025	3465072	3475341	0.57	cps
Scandium	45-2	103725	102840	99561	102042	2.15	cps
Selenium	82-1	40568	41080	41814	41154	1.52	cps
Selenium	77-2	1170	1120	1000	1097	7.97	cps
Selenium	78-2	4007	4030	4020	4019	0.29	cps
Silicon	28-1	28935324	29303318	29843730	29360791	1.56	cps
Silver	107-1	1884116	1615463	1683798	1727792	8.08	cps
Silver	109-1	2048391	2030731	1367816	1815646	21.37	cps
Sodium	23-2	16194263	15974620	16201443	16123442	0.80	cps
Strontium	86-1	8055057	8314693	8348273	8239341	1.95	cps
Strontium	88-1	69834585	72424262	71390364	71216404	1.83	cps
Sulfur	34-1	566374	579984	591577	579312	2.18	cps
Terbium	159-1	5259122	5340011	5298398	5299177	0.76	cps
Terbium	159-2	2533977	2551441	2465089	2516836	1.81	cps
Thallium	203-1	1721841	1771880	1712406	1735376	1.84	cps
Thallium	205-1	4003798	4097869	4183702	4095123	2.20	cps
Tin	118-1	1659393	1712059	1753178	1708210	2.75	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MS	Instrumnet Name :	P8
Client Sample ID :	P-1MS	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:25:32	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1715285	1745984	1760023	1740431	1.31	cps
Uranium	238-1	5220698	5414223	5373666	5336195	1.91	cps
Vanadium	51-2	522113	523994	530359	525489	0.82	cps
Ytterbium	172-1	33	108	83	75	50.93	cps
Ytterbium	172-2	72	56	17	48	59.20	cps
Ytterbium	176-1	650	592	683	642	7.23	cps
Ytterbium	176-2	2884	3223	3228	3112	6.34	cps
Yttrium	89-1	7004965	7049635	7065211	7039937	0.44	cps
Yttrium	89-2	735021	736008	718883	729971	1.32	cps
Zinc	66-2	975775	954100	969055	966310	1.15	cps
Zirconium	90-1	4128834	4221230	4212757	4187607	1.22	cps
Zirconium	91-1	875088	864131	911916	883712	2.83	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MSD	Instrumnet Name :	P8
Client Sample ID :	P-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:28:28	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313853	313025	312942	313273	0.16	cps
Antimony	121-1	2060106	2107780	2078870	2082252	1.15	cps
Arsenic	75-2	60264	60762	60853	60626	0.52	cps
Barium	135-1	2717516	2681605	2660084	2686402	1.08	cps
Barium	137-1	4539781	4526626	4549490	4538633	0.25	cps
Beryllium	9-1	495235	508273	498284	500598	1.36	cps
Bismuth	209-1	2866276	2904388	2987765	2919476	2.13	cps
Bismuth	209-2	1638800	1797689	1766411	1734300	4.85	cps
Boron	10-1	53119	58284	58270	56558	5.27	cps
Boron	11-1	256862	269204	273413	266493	3.23	cps
Bromine	81-1	43512	48785	50673	47657	7.79	cps
Cadmium	111-1	498650	507021	509318	504997	1.11	cps
Cadmium	106-1	54408	56442	55814	55555	1.87	cps
Cadmium	108-1	36515	36695	37100	36770	0.81	cps
Calcium	43-1	1492807	1442750	1459826	1465128	1.74	cps
Calcium	44-1	23191249	23430932	23606111	23409431	0.89	cps
Carbon	12-1	7515138	8174673	8634586	8108132	6.94	cps
Carbon	12-2	89868	93665	94311	92615	2.59	cps
Chlorine	35-1	877298	917030	955515	916614	4.27	cps
Chlorine	35-2	6485	6693	6918	6699	3.24	cps
Chromium	52-2	637015	644044	654660	645240	1.38	cps
Cobalt	59-2	1165355	1146544	1169725	1160541	1.06	cps
Copper	63-2	9510936	9548363	9751205	9603502	1.35	cps
Dysprosium	156-1	308	383	375	356	11.56	cps
Dysprosium	156-2	143	180	190	171	14.36	cps
Erbium	164-1	225	283	333	281	19.33	cps
Erbium	164-2	93	83	137	104	27.15	cps
Gadolinium	160-1	342	325	250	306	15.98	cps
Gadolinium	160-2	217	183	160	187	15.26	cps
Holmium	165-1	5141262	5139073	5126665	5135666	0.15	cps
Holmium	165-2	2645282	2589904	2553959	2596382	1.77	cps
Indium	115-1	4683296	4668181	4703115	4684864	0.37	cps
Indium	115-2	703185	712900	696822	704302	1.15	cps
Iron	54-2	1453372	1465710	1464121	1461068	0.46	cps
Iron	56-2	25234114	25575258	25093879	25301083	0.98	cps
Iron	57-2	594130	598844	594408	595794	0.44	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : M5234-01MSD Instrumnet Name : P8
 Client Sample ID : P-1MSD Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 18:28:28 DataFile Name : 029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	467	563	473	501	10.77	cps
Lead	206-1	6919641	7220177	7037916	7059245	2.14	cps
Lead	207-1	6052431	6118841	6138116	6103129	0.74	cps
Lead	208-1	27561800	27720099	27801443	27694447	0.44	cps
Lithium	6-1	1782107	1742543	1784642	1769764	1.33	cps
Magnesium	24-2	6008220	6021098	6045284	6024868	0.31	cps
Manganese	55-2	3526678	3580568	3493627	3533624	1.24	cps
Molybdenum	94-1	4659466	4639904	4722550	4673973	0.92	cps
Molybdenum	95-1	5518736	5505638	5601125	5541833	0.93	cps
Molybdenum	96-1	6172295	6085251	6122900	6126815	0.71	cps
Molybdenum	97-1	3438258	3353380	3402741	3398127	1.25	cps
Molybdenum	98-1	8899525	8674090	8810459	8794691	1.29	cps
Neodymium	150-1	433	473	420	442	6.28	cps
Neodymium	150-2	140	123	103	122	15.02	cps
Nickel	60-2	310663	316426	313681	313590	0.92	cps
Phosphorus	31-2	250	208	175	211	17.80	cps
Potassium	39-2	2085287	2115214	2132243	2110915	1.13	cps
Rhodium	103-1	4429587	4335417	4339422	4368142	1.22	cps
Rhodium	103-2	2203429	2188033	2145056	2178840	1.39	cps
Scandium	45-1	3510165	3500973	3632408	3547849	2.07	cps
Scandium	45-2	103107	103080	104974	103720	1.05	cps
Selenium	82-1	41561	41892	41517	41657	0.49	cps
Selenium	77-2	1213	1187	1197	1199	1.12	cps
Selenium	78-2	4059	4018	3977	4018	1.02	cps
Silicon	28-1	29983135	30385262	30921201	30429866	1.55	cps
Silver	107-1	1993991	1529925	1837918	1787278	13.21	cps
Silver	109-1	1538955	1333747	1768520	1547074	14.06	cps
Sodium	23-2	16262057	16872331	16407321	16513903	1.93	cps
Strontium	86-1	8283862	8211683	8398797	8298114	1.14	cps
Strontium	88-1	69962366	72755010	72412218	71709865	2.12	cps
Sulfur	34-1	588427	597425	585555	590469	1.05	cps
Terbium	159-1	5426703	5315442	5415642	5385929	1.14	cps
Terbium	159-2	2610913	2578740	2594216	2594623	0.62	cps
Thallium	203-1	1693621	1807554	1618876	1706684	5.57	cps
Thallium	205-1	4039893	4262503	4115936	4139444	2.73	cps
Tin	118-1	1744078	1759406	1738234	1747239	0.63	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01MSD	Instrumnet Name :	P8
Client Sample ID :	P-1MSD	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:28:28	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1792799	1791580	1802506	1795628	0.33	cps
Uranium	238-1	5376079	5361992	5366968	5368347	0.13	cps
Vanadium	51-2	530502	542378	533074	535318	1.17	cps
Ytterbium	172-1	83	150	117	117	28.57	cps
Ytterbium	172-2	44	206	50	100	91.48	cps
Ytterbium	176-1	633	517	558	569	10.38	cps
Ytterbium	176-2	2817	3289	3367	3158	9.43	cps
Yttrium	89-1	7203678	7390286	7390056	7328006	1.47	cps
Yttrium	89-2	753474	764394	738231	752033	1.75	cps
Zinc	66-2	948610	965085	950972	954889	0.93	cps
Zirconium	90-1	4235499	4254298	4197743	4229180	0.68	cps
Zirconium	91-1	889476	893295	894902	892558	0.31	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293206	291325	290091	291541	0.54	cps
Antimony	121-1	1906337	1996070	1928065	1943491	2.41	cps
Arsenic	75-2	56159	56158	55631	55983	0.54	cps
Barium	135-1	2433319	2579699	2511303	2508107	2.92	cps
Barium	137-1	4183141	4349662	4380363	4304388	2.47	cps
Beryllium	9-1	466061	477788	473291	472380	1.25	cps
Bismuth	209-1	2753992	2892290	2913222	2853168	3.03	cps
Bismuth	209-2	1619068	1577209	1728696	1641658	4.77	cps
Boron	10-1	53121	55297	58344	55587	4.72	cps
Boron	11-1	249535	268867	266621	261674	4.04	cps
Bromine	81-1	40219	44245	47097	43854	7.88	cps
Cadmium	111-1	466833	470035	469485	468784	0.37	cps
Cadmium	106-1	51882	53505	52325	52571	1.60	cps
Cadmium	108-1	34635	34656	35538	34943	1.47	cps
Calcium	43-1	1021194	1042559	1031342	1031699	1.04	cps
Calcium	44-1	17368441	17699915	17675871	17581409	1.05	cps
Carbon	12-1	7288834	8106655	8555716	7983735	8.05	cps
Carbon	12-2	89976	93155	95167	92766	2.82	cps
Chlorine	35-1	995696	1056629	1084577	1045634	4.35	cps
Chlorine	35-2	7244	7719	7335	7433	3.39	cps
Chromium	52-2	607152	597027	589805	597995	1.46	cps
Cobalt	59-2	1077842	1072133	1078997	1076324	0.34	cps
Copper	63-2	9068189	9027600	8855443	8983744	1.26	cps
Dysprosium	156-1	292	317	300	303	4.20	cps
Dysprosium	156-2	143	117	150	137	12.91	cps
Erbium	164-1	233	233	250	239	4.03	cps
Erbium	164-2	97	117	87	100	15.27	cps
Gadolinium	160-1	225	275	258	253	10.07	cps
Gadolinium	160-2	120	170	170	153	18.83	cps
Holmium	165-1	4932203	5259501	5105267	5098990	3.21	cps
Holmium	165-2	2554328	2462450	2497047	2504609	1.85	cps
Indium	115-1	4610866	4694012	4620522	4641800	0.98	cps
Indium	115-2	690905	677384	678428	682239	1.10	cps
Iron	54-2	1240829	1234299	1236904	1237344	0.27	cps
Iron	56-2	23829068	23327107	23874805	23676993	1.28	cps
Iron	57-2	559177	551811	555436	555475	0.66	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	483	543	527	518	5.98	cps
Lead	206-1	6473586	6346429	6430485	6416834	1.01	cps
Lead	207-1	5604826	5555431	5692988	5617748	1.24	cps
Lead	208-1	25417164	25838022	25617369	25624185	0.82	cps
Lithium	6-1	1720696	1792968	1749899	1754521	2.07	cps
Magnesium	24-2	5680957	5475642	5578224	5578275	1.84	cps
Manganese	55-2	3284057	3264245	3236929	3261743	0.73	cps
Molybdenum	94-1	4241295	4308107	4327080	4292160	1.05	cps
Molybdenum	95-1	5158825	5152252	5168411	5159829	0.16	cps
Molybdenum	96-1	5672209	5741935	5747233	5720459	0.73	cps
Molybdenum	97-1	3108044	3191978	3194731	3164917	1.56	cps
Molybdenum	98-1	8252166	8191526	8310482	8251391	0.72	cps
Neodymium	150-1	380	387	320	362	10.14	cps
Neodymium	150-2	167	1560	120	616	132.93	cps
Nickel	60-2	291971	285296	293571	290279	1.51	cps
Phosphorus	31-2	192	242	325	253	26.65	cps
Potassium	39-2	1913581	1915795	1936669	1922015	0.66	cps
Rhodium	103-1	4291652	4370196	4395356	4352401	1.24	cps
Rhodium	103-2	2100443	2054339	2079080	2077954	1.11	cps
Scandium	45-1	3425817	3654877	3508355	3529683	3.29	cps
Scandium	45-2	101314	102372	103137	102274	0.89	cps
Selenium	82-1	38545	39127	38699	38790	0.78	cps
Selenium	77-2	1130	997	1073	1067	6.27	cps
Selenium	78-2	3841	3748	3627	3739	2.87	cps
Silicon	28-1	28737651	29358819	29607651	29234707	1.53	cps
Silver	107-1	2129910	2059443	2055204	2081519	2.02	cps
Silver	109-1	2569967	2173792	2147255	2297005	10.31	cps
Sodium	23-2	15330988	15396096	15272408	15333164	0.40	cps
Strontium	86-1	7679767	7931127	7930146	7847013	1.85	cps
Strontium	88-1	67361293	68580791	67183716	67708600	1.12	cps
Sulfur	34-1	565707	578825	578067	574200	1.28	cps
Terbium	159-1	5140210	5372831	5285523	5266188	2.23	cps
Terbium	159-2	2502152	2473647	2544507	2506769	1.42	cps
Thallium	203-1	1645735	1606677	1550381	1600931	2.99	cps
Thallium	205-1	3866082	3824123	3746912	3812372	1.59	cps
Tin	118-1	1632875	1612241	1637150	1627422	0.82	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	M5234-01A	Instrumnet Name :	P8
Client Sample ID :	P-1A	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:35:10	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1630403	1656835	1627526	1638255	0.99	cps
Uranium	238-1	4908757	5266399	5025396	5066851	3.60	cps
Vanadium	51-2	500689	488999	498957	496215	1.27	cps
Ytterbium	172-1	108	150	133	131	16.06	cps
Ytterbium	172-2	72	39	50	54	31.60	cps
Ytterbium	176-1	575	675	583	611	9.08	cps
Ytterbium	176-2	2706	2828	3089	2874	6.81	cps
Yttrium	89-1	7174633	7251292	7135966	7187297	0.82	cps
Yttrium	89-2	728822	717293	731342	725819	1.03	cps
Zinc	66-2	890592	890982	876933	886169	0.90	cps
Zirconium	90-1	3923976	3945847	3904781	3924868	0.52	cps
Zirconium	91-1	829578	837755	837806	835046	0.57	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : CCV02 Instrumnet Name : P8
 Client Sample ID : CCV02 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 18:38:03 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1730443	1765544	1681744	1725911	2.44	cps
Antimony	121-1	2107926	2121334	2117920	2115727	0.33	cps
Arsenic	75-2	60954	61688	60713	61118	0.83	cps
Barium	135-1	2836865	2806958	2934076	2859299	2.32	cps
Barium	137-1	4732123	4853895	4807240	4797753	1.28	cps
Beryllium	9-1	502010	513443	515235	510229	1.41	cps
Bismuth	209-1	2978677	3032600	2999844	3003707	0.90	cps
Bismuth	209-2	1728551	1800956	1820158	1783222	2.71	cps
Boron	10-1	109400	113365	117307	113357	3.49	cps
Boron	11-1	509546	540577	553784	534636	4.25	cps
Bromine	81-1	26542	25209	24486	25412	4.10	cps
Cadmium	111-1	493296	496304	505238	498279	1.25	cps
Cadmium	106-1	54015	55546	55094	54885	1.43	cps
Cadmium	108-1	36954	38742	37731	37809	2.37	cps
Calcium	43-1	4010913	4120481	4141738	4091044	1.72	cps
Calcium	44-1	66060248	67838488	66431362	66776699	1.40	cps
Carbon	12-1	5756206	6098724	5992125	5949018	2.95	cps
Carbon	12-2	59639	57999	59196	58944	1.44	cps
Chlorine	35-1	712205	713430	713166	712934	0.09	cps
Chlorine	35-2	4634	4509	4092	4412	6.43	cps
Chromium	52-2	644228	638709	625390	636109	1.52	cps
Cobalt	59-2	1199471	1214158	1192669	1202099	0.91	cps
Copper	63-2	9525844	9529354	9192981	9416060	2.05	cps
Dysprosium	156-1	392	408	492	431	12.44	cps
Dysprosium	156-2	200	193	190	194	2.62	cps
Erbium	164-1	167	125	100	131	25.80	cps
Erbium	164-2	57	57	50	54	7.07	cps
Gadolinium	160-1	442	400	375	406	8.31	cps
Gadolinium	160-2	273	243	283	267	7.81	cps
Holmium	165-1	5506093	5502783	5392682	5467186	1.18	cps
Holmium	165-2	2628732	2814039	2752066	2731612	3.45	cps
Indium	115-1	4960430	4967782	4931841	4953351	0.38	cps
Indium	115-2	699924	743491	746726	730047	3.58	cps
Iron	54-2	7035124	7168932	7028833	7077629	1.12	cps
Iron	56-2	125046594	128488133	126473189	126669306	1.37	cps
Iron	57-2	3204438	3301936	3178462	3228279	2.02	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:38:03	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	540	560	583	561	3.86	cps
Lead	206-1	7023907	7159669	7393755	7192443	2.60	cps
Lead	207-1	6202405	6138155	6401932	6247497	2.20	cps
Lead	208-1	27922671	28484625	28971082	28459459	1.84	cps
Lithium	6-1	1992873	1965225	1951692	1969930	1.07	cps
Magnesium	24-2	25774327	25915756	24370261	25353448	3.37	cps
Manganese	55-2	3341359	3442218	3382040	3388539	1.50	cps
Molybdenum	94-1	8953729	9114594	9341155	9136493	2.13	cps
Molybdenum	95-1	12817822	13106959	13387799	13104193	2.17	cps
Molybdenum	96-1	14307768	14282463	14801309	14463847	2.02	cps
Molybdenum	97-1	8104109	8099723	8212100	8138644	0.78	cps
Molybdenum	98-1	20949675	21282760	21266565	21166333	0.89	cps
Neodymium	150-1	313	253	200	256	22.19	cps
Neodymium	150-2	23	27	10	20	44.10	cps
Nickel	60-2	328022	325786	326913	326907	0.34	cps
Phosphorus	31-2	17077	16668	16576	16774	1.59	cps
Potassium	39-2	9782593	9504445	9809116	9698718	1.74	cps
Rhodium	103-1	4500498	4727761	4528534	4585598	2.70	cps
Rhodium	103-2	2036167	2152902	2182215	2123761	3.64	cps
Scandium	45-1	3855588	3851125	3727703	3811472	1.90	cps
Scandium	45-2	106009	111977	110128	109371	2.79	cps
Selenium	82-1	44579	45463	45722	45255	1.32	cps
Selenium	77-2	1207	1267	1317	1263	4.36	cps
Selenium	78-2	4300	4229	4452	4327	2.63	cps
Silicon	28-1	24107039	24515297	24120381	24247572	0.96	cps
Silver	107-1	2945345	3013569	2909253	2956056	1.79	cps
Silver	109-1	2752533	2834021	2889380	2825311	2.44	cps
Sodium	23-2	48961995	49607077	49133270	49234114	0.68	cps
Strontium	86-1	8034285	8136183	8376045	8182171	2.14	cps
Strontium	88-1	70981370	70332168	71790350	71034629	1.03	cps
Sulfur	34-1	535002	532963	531926	533297	0.29	cps
Terbium	159-1	5825454	5833559	5869498	5842837	0.40	cps
Terbium	159-2	2588288	2772121	2734784	2698398	3.60	cps
Thallium	203-1	1727576	1771190	1801833	1766866	2.11	cps
Thallium	205-1	3990674	4184219	4263576	4146156	3.39	cps
Tin	118-1	1888743	1922625	1834063	1881810	2.37	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCV02	Instrumnet Name :	P8
Client Sample ID :	CCV02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:38:03	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4237619	4179779	4108727	4175375	1.55	cps
Uranium	238-1	5371308	5506056	5419928	5432431	1.26	cps
Vanadium	51-2	519741	531725	515650	522372	1.60	cps
Ytterbium	172-1	75	42	50	56	31.22	cps
Ytterbium	172-2	39	22	28	30	28.65	cps
Ytterbium	176-1	8194	7911	8161	8089	1.92	cps
Ytterbium	176-2	6913	7202	6785	6967	3.07	cps
Yttrium	89-1	7604344	7858697	7695641	7719561	1.67	cps
Yttrium	89-2	752054	792765	794360	779727	3.08	cps
Zinc	66-2	919300	919851	902981	914044	1.05	cps
Zirconium	90-1	4445789	4504040	4456337	4468722	0.69	cps
Zirconium	91-1	943152	974176	971386	962905	1.78	cps

LB Number : LB118137 Operator : Jaswal
 Lab Sample ID : CCB02 Instrumnet Name : P8
 Client Sample ID : CCB02 Dilution Factor : 1
 Date & Time Acquired :: 2022-01-07 18:48:06 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59	80	70	70	15.28	cps
Antimony	121-1	258	300	467	342	32.27	cps
Arsenic	75-2	9	7	6	7	20.83	cps
Barium	135-1	83	67	67	72	13.33	cps
Barium	137-1	133	83	100	106	24.12	cps
Beryllium	9-1	146	138	116	133	11.65	cps
Bismuth	209-1	3092114	3097215	2999042	3062790	1.80	cps
Bismuth	209-2	1823731	1861910	1868388	1851343	1.30	cps
Boron	10-1	5366	5318	5008	5231	3.72	cps
Boron	11-1	24508	24490	23831	24276	1.59	cps
Bromine	81-1	21990	20266	20687	20981	4.28	cps
Cadmium	111-1	1105	1058	1115	1093	2.78	cps
Cadmium	106-1	1567	1492	1550	1536	2.56	cps
Cadmium	108-1	42	46	29	39	22.30	cps
Calcium	43-1	254	220	256	243	8.32	cps
Calcium	44-1	16397	16594	16227	16406	1.12	cps
Carbon	12-1	3919958	3938081	3951242	3936427	0.40	cps
Carbon	12-2	37624	36471	39112	37736	3.51	cps
Chlorine	35-1	349564	348597	344763	347641	0.73	cps
Chlorine	35-2	2150	2100	2200	2150	2.33	cps
Chromium	52-2	577	460	570	536	12.23	cps
Cobalt	59-2	57	63	77	66	15.54	cps
Copper	63-2	667	673	720	687	4.23	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	83	50	58	64	27.16	cps
Erbium	164-2	20	20	13	18	21.66	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	17	37	50	34	48.70	cps
Holmium	165-1	5208223	5387889	5379207	5325106	1.90	cps
Holmium	165-2	2587338	2581297	2594578	2587737	0.26	cps
Indium	115-1	4912997	4905645	4822720	4880454	1.03	cps
Indium	115-2	738915	748476	743940	743777	0.64	cps
Iron	54-2	467	517	522	502	6.10	cps
Iron	56-2	2934	3456	3612	3334	10.65	cps
Iron	57-2	89	172	217	159	40.73	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:48:06	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	530	547	570	549	3.66	cps
Lead	206-1	733	822	811	789	6.14	cps
Lead	207-1	628	694	678	667	5.20	cps
Lead	208-1	3100	3211	3161	3158	1.76	cps
Lithium	6-1	1932902	1815119	1829381	1859134	3.46	cps
Magnesium	24-2	450	517	542	503	9.42	cps
Manganese	55-2	57	70	77	68	15.02	cps
Molybdenum	94-1	550	583	375	503	22.26	cps
Molybdenum	95-1	717	667	408	597	27.71	cps
Molybdenum	96-1	817	617	692	708	14.26	cps
Molybdenum	97-1	367	342	317	342	7.32	cps
Molybdenum	98-1	1067	967	658	897	23.72	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	113	100	108	6.44	cps
Phosphorus	31-2	92	117	175	128	33.47	cps
Potassium	39-2	15275	15150	14541	14989	2.62	cps
Rhodium	103-1	4779467	4674771	4525025	4659754	2.74	cps
Rhodium	103-2	2281461	2223311	2236727	2247167	1.35	cps
Scandium	45-1	3640646	3587539	3591511	3606565	0.82	cps
Scandium	45-2	106387	105975	107815	106726	0.90	cps
Selenium	82-1	-39	-3	-78	-40	-93.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	62	49	65	59	14.49	cps
Silicon	28-1	554731	559967	548880	554526	1.00	cps
Silver	107-1	1192	1283	1317	1264	5.12	cps
Silver	109-1	1433	1125	1275	1278	12.07	cps
Sodium	23-2	13356	13590	13565	13504	0.95	cps
Strontium	86-1	1125	925	783	945	18.18	cps
Strontium	88-1	1684	1308	1092	1361	21.99	cps
Sulfur	34-1	285981	285966	284885	285611	0.22	cps
Terbium	159-1	5508662	5577329	5626468	5570820	1.06	cps
Terbium	159-2	2538357	2678652	2633195	2616734	2.74	cps
Thallium	203-1	417	325	283	342	19.96	cps
Thallium	205-1	925	925	908	920	1.05	cps
Tin	118-1	550	575	400	508	18.62	cps

LB Number :	LB118137	Operator :	Jaswal
Lab Sample ID :	CCB02	Instrumnet Name :	P8
Client Sample ID :	CCB02	Dilution Factor :	1
Date & Time Acquired ::	2022-01-07 18:48:06	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	200	217	225	214	5.95	cps
Uranium	238-1	108	58	167	111	48.79	cps
Vanadium	51-2	7	10	0	6	91.64	cps
Ytterbium	172-1	25	17	17	19	24.73	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	425	408	525	453	13.94	cps
Ytterbium	176-2	2489	3012	3250	2917	13.35	cps
Yttrium	89-1	7425893	7395450	7586548	7469297	1.37	cps
Yttrium	89-2	763365	777413	784188	774989	1.37	cps
Zinc	66-2	127	153	190	157	20.29	cps
Zirconium	90-1	533	708	350	531	33.77	cps
Zirconium	91-1	92	125	117	111	15.61	cps