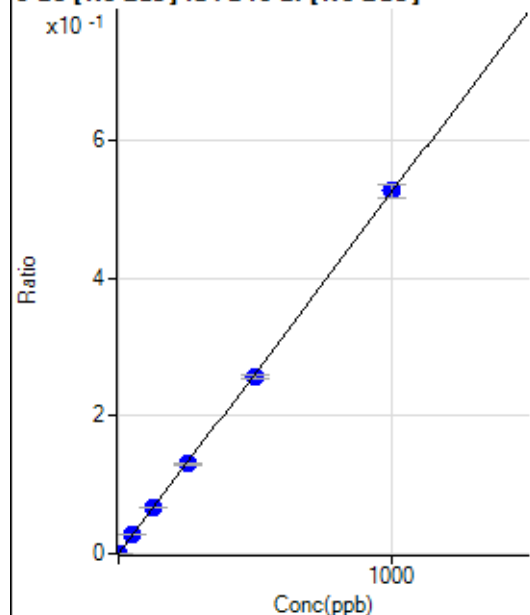


Calibration for 007CALS.d

Batch Folder: D:\Agilent\ICPMH\1\DATA\P8020322 MS.b\
 Analysis File: P8020322 MS.batch.bin
 DA Date-Time: 2022-02-03 17:09:35
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2022-02-03 11:14:00
2	007CALS.d	S02	2022-02-03 11:20:14
3	008CALS.d	S03	2022-02-03 11:23:29
4	009CALS.d	S04	2022-02-03 11:26:32
5	010CALS.d	S05	2022-02-03 11:29:38
6	011CALS.d	S06	2022-02-03 11:32:41
7	012CALS.d	S07	2022-02-03 11:35:47
8	013CALS.d	S08	2022-02-03 11:38:51

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31.99	0.0000	P	16.9
2	☐	1.000	0.993	822.53	0.0005	P	6.5
3	☐	50.000	50.712	40225.96	0.0266	P	0.4
4	☐	125.000	129.178	101416.62	0.0677	P	1.3
5	☐	250.000	249.206	205275.57	0.1305	P	2.2
6	☐	500.000	489.958	406607.00	0.2566	P	1.1
7	☐	1000.000	1004.662	815775.58	0.5261	P	3.7
8	☐			665.89	0.0004	P	11.4

$$y = 5.2364\text{E-}004 * x + 2.1774\text{E-}005$$

$$R = 0.9999$$

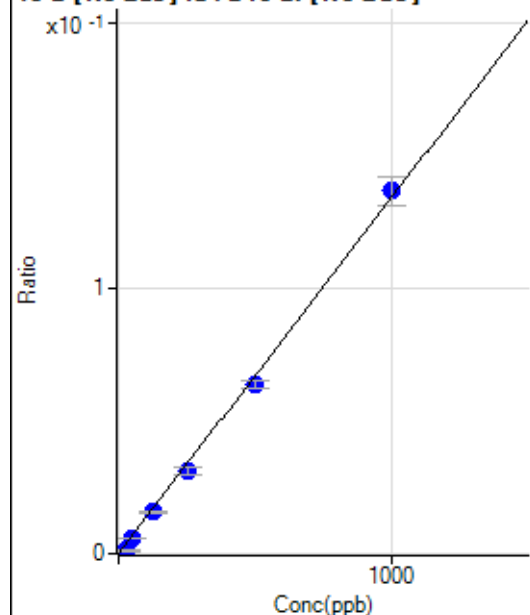
$$DL = 0.02111$$

$$BEC = 0.04158$$

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	193.30	0.0001	P	11.1
2	☐	25.000	7.584	1743.10	0.0011	P	11.7
3	☐	50.000	43.456	9019.00	0.0060	P	6.3
4	☐	125.000	115.758	23480.80	0.0157	P	6.7
5	☐	250.000	233.185	49346.03	0.0314	P	8.5
6	☐	500.000	474.252	101021.16	0.0637	P	4.5
7	☐	1000.000	1018.996	211813.85	0.1368	P	7.9
8	☐			27893.64	0.0182	P	8.0

$$y = 1.3411\text{E-}004 * x + 1.3192\text{E-}004$$

$$R = 0.9994$$

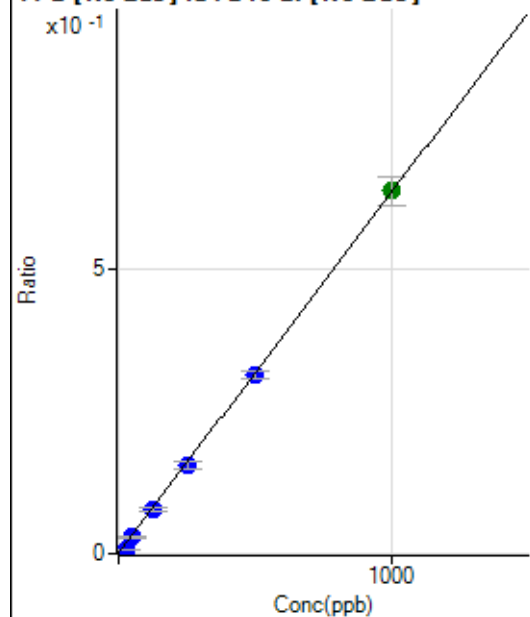
$$DL = 0.3285$$

$$BEC = 0.9836$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	932.51	0.0006	P	5.7
2	☐	25.000	7.840	8480.79	0.0056	P	7.3
3	☐	50.000	45.218	44169.50	0.0292	P	6.1
4	☐	125.000	120.991	115536.77	0.0770	P	5.5
5	☐	250.000	242.091	241223.92	0.1535	P	8.4
6	☐	500.000	496.293	497741.15	0.3140	P	4.3
7	☐	1000.000	1005.000	983701.49	0.6353	A	7.8
8	☐			135284.35	0.0883	P	6.0

$$y = 6.3149E-004 * x + 6.3639E-004$$

$$R = 0.9999$$

$$DL = 0.1726$$

$$BEC = 1.008$$

Weight: <None>

Min Conc: 0

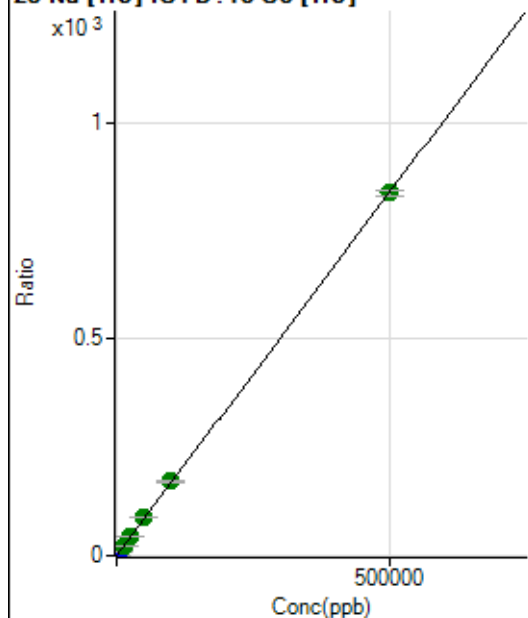
12 C [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			4875008.79		A	0.8
2	☐			4755057.92		A	0.7
3	☐			4881635.48		A	1.2
4	☐			4898137.26		A	1.7
5	☐			5058816.30		A	0.8
6	☐			5223185.71		A	1.3
7	☐			5705472.52		A	2.1
8	☐			5173783.49		A	0.5

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			45392.97		P	3.5
2	☐			45384.61		P	1.7
3	☐			47221.40		P	0.9
4	☐			47193.10		P	1.4
5	☐			48129.87		P	1.8
6	☐			50487.51		P	0.3
7	☐			55990.85		P	2.0
8	☐			53054.78		P	2.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	10954.41	0.1123	P	1.2
2	☐	500.000	450.576	85757.27	0.8677	P	1.0
3	☐	5000.000	4910.877	842584.04	8.3458	P	6.3
4	☐	12500.000	13140.685	2181427.20	22.1439	A	2.2
5	☐	25000.000	25772.466	4237699.96	43.3223	A	1.2
6	☐	50000.000	51627.194	8298321.54	86.6703	A	0.3
7	☐	100000.00	102431.83	16435438.22	171.8492	A	1.3
8	☐	500000.00	499297.21	76773669.08	837.2324	A	1.3

$$y = 0.0017 * x + 0.1123$$

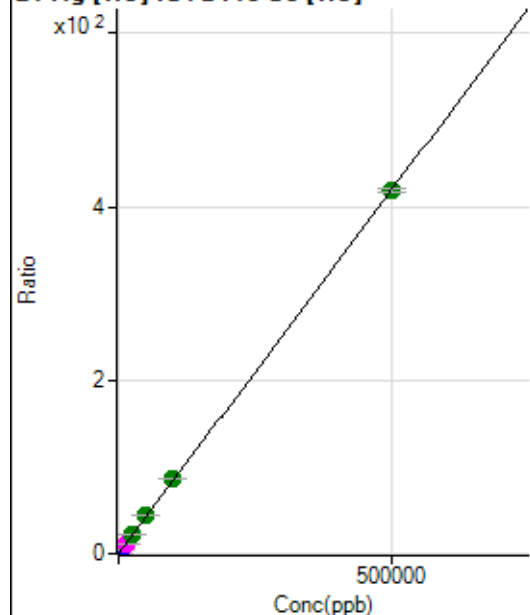
$$R = 1.0000$$

$$DL = 2.356$$

$$BEC = 66.96$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	522.25	0.0054	P	5.0
2	☐	500.000	463.107	38916.40	0.3938	P	2.3
3	☐	5000.000	4936.896	418698.05	4.1458	P	5.6
4	☐	12500.000	13166.773	1088391.27	11.0481	M	1.5
5	☐	25000.000	26373.882	2164104.13	22.1247	A	1.7
6	☐	50000.000	52321.343	4201950.35	43.8864	A	0.1
7	☐	100000.00	103573.16	8308230.05	86.8704	A	1.7
8	☐	500000.00	498968.53	38375759.89	418.4816	A	1.0

$$y = 8.3868\text{E-}004 * x + 0.0054$$

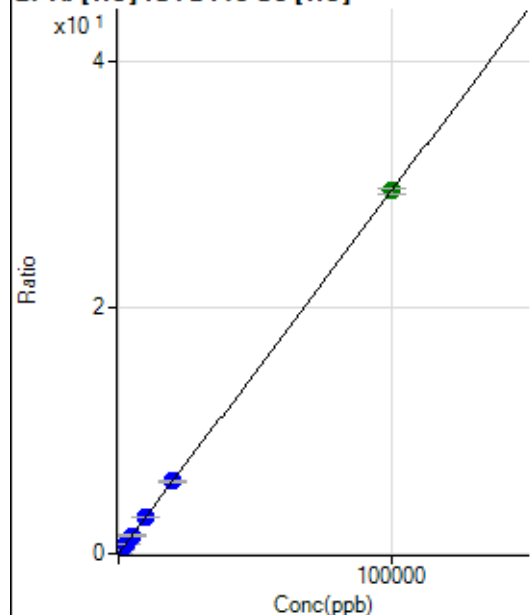
$$R = 1.0000$$

$$DL = 0.9561$$

$$BEC = 6.382$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.66	0.0009	P	15.2
2	☐	20.000	17.648	601.19	0.0061	P	2.8
3	☐	1000.000	992.916	29592.90	0.2932	P	6.6
4	☐	2500.000	2542.650	73811.57	0.7493	P	0.7
5	☐	5000.000	5030.587	144934.82	1.4817	P	1.0
6	☐	10000.000	10035.421	282921.57	2.9548	P	0.9
7	☐	20000.000	19961.304	562023.93	5.8765	P	0.9
8	☐	100000.00	100001.67	2699346.21	29.4366	A	1.5

$$y = 2.9435\text{E-}004 * x + 8.8860\text{E-}004$$

$$R = 1.0000$$

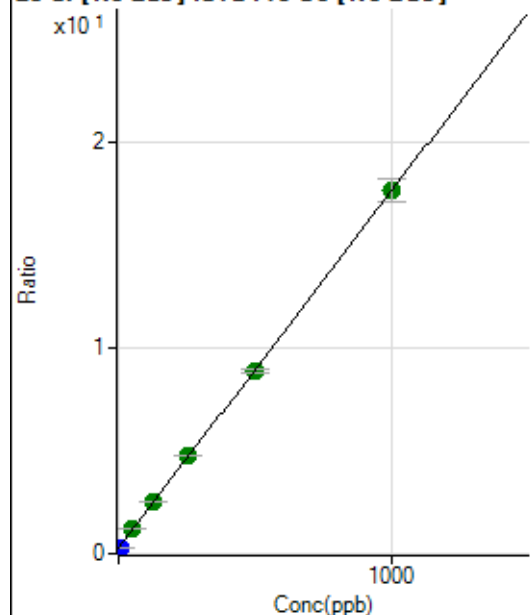
$$DL = 1.374$$

$$BEC = 3.019$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	749342.55	0.2759	P	1.6
2	☐	10.000	0.547	780816.61	0.2854	P	1.0
3	☐	50.000	52.338	3343361.66	1.1845	A	0.6
4	☐	125.000	129.145	7147520.99	2.5179	A	2.1
5	☐	250.000	258.353	13515197.96	4.7611	A	0.7
6	☐	500.000	494.400	25685001.62	8.8591	A	2.1
7	☐	1000.000	1000.171	50184441.40	17.6398	A	6.4
8	☐			1231084.90	0.4271	A	2.0

$$y = 0.0174 * x + 0.2759$$

$$R = 0.9999$$

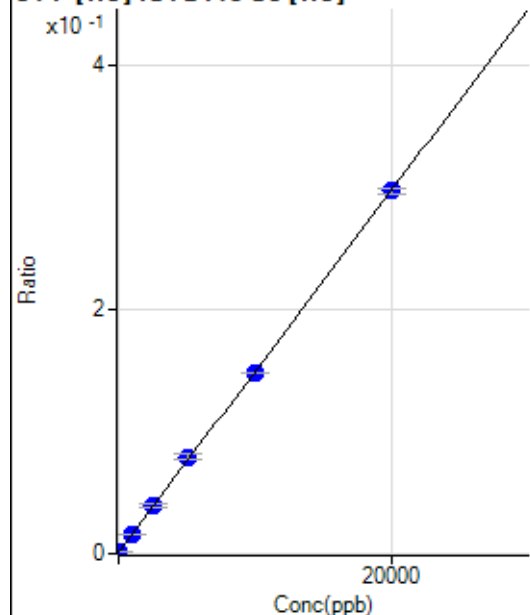
$$DL = 0.7773$$

$$BEC = 15.89$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-7.189	94.45	0.0010	P	26.6
2	☐	0.000	7.189	116.67	0.0012	P	18.8
3	☐	1000.000	981.251	1575.13	0.0156	P	5.8
4	☐	2500.000	2587.035	3878.40	0.0394	P	6.3
5	☐	5000.000	5262.418	7724.50	0.0790	P	5.7
6	☐	10000.000	9916.294	14157.28	0.1479	P	0.9
7	☐	20000.000	19966.307	28367.30	0.2966	P	1.7
8	☐			108.34	0.0012	P	12.9

$$y = 1.4802E-005 * x + 0.0011$$

$$R = 0.9999$$

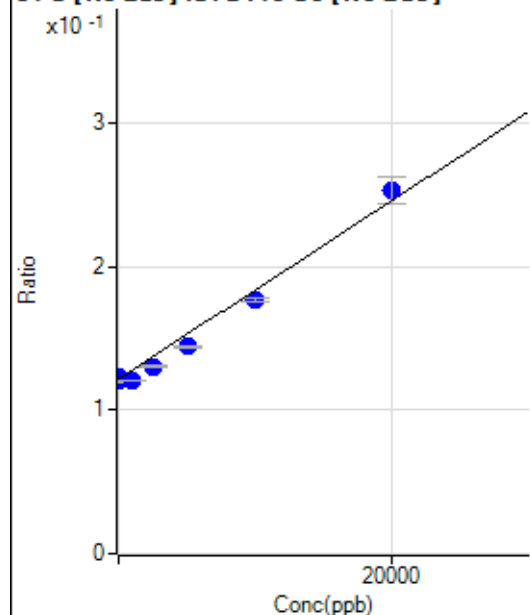
$$DL = 48.55$$

$$BEC = 72.55$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	272.689	335405.76	0.1235	P	1.5
2	☐	0.000	-272.689	328573.80	0.1201	P	1.2
3	☐	1000.000	-212.215	340021.09	0.1205	P	0.1
4	☐	2500.000	1396.683	370371.81	0.1305	P	0.6
5	☐	5000.000	3599.604	409164.40	0.1441	P	0.3
6	☐	10000.000	8886.645	513174.05	0.1770	P	1.2
7	☐	20000.000	21105.302	719126.56	0.2529	P	7.4
8	☐			302085.23	0.1048	P	1.7

$$y = 6.2123\text{E-}006 * x + 0.1218$$

$$R = 0.9946$$

$$DL = 812.7$$

$$BEC = 1.96\text{E}+04$$

Weight: <None>

Min Conc: 0

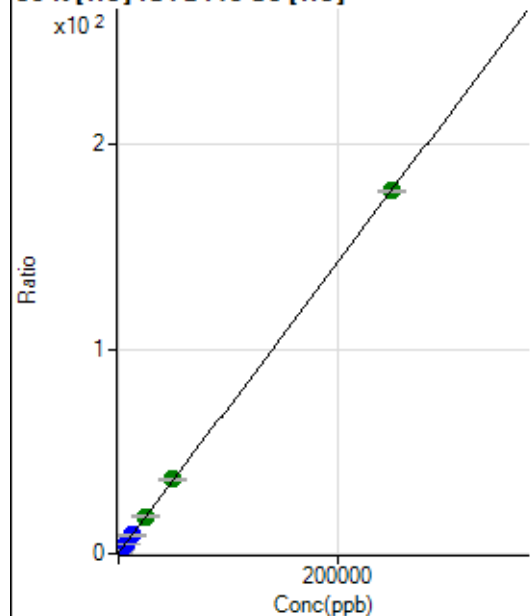
35 Cl [No Gas] No available calibration points



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			198774.57		P	0.1
2	☐			190092.42		P	0.5
3	☐			186072.58		P	2.6
4	☐			184011.15		P	1.2
5	☐			180389.55		P	1.6
6	☐			175493.52		P	1.6
7	☐			172631.59		P	1.2
8	☐			174152.25		P	0.1

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1383.44		P	20.2
2	☐			1389.00		P	3.1
3	☐			1366.77		P	4.4
4	☐			1389.00		P	5.4
5	☐			1255.65		P	5.6
6	☐			1272.31		P	3.0
7	☐			1155.63		P	10.6
8	☐			1175.08		P	4.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	20181.29	0.2068	P	1.0
2	☐	500.000	445.598	51684.56	0.5229	P	2.3
3	☐	2500.000	2459.772	197079.40	1.9519	P	6.0
4	☐	6250.000	6328.521	462611.80	4.6964	P	0.5
5	☐	12500.000	12351.116	877350.89	8.9690	P	0.9
6	☐	25000.000	25526.834	1753819.09	18.3162	A	1.7
7	☐	50000.000	50817.435	3467682.33	36.2579	A	1.7
8	☐	250000.00	249789.82	16269300.19	177.4138	A	0.9

$$y = 7.0942E-004 * x + 0.2068$$

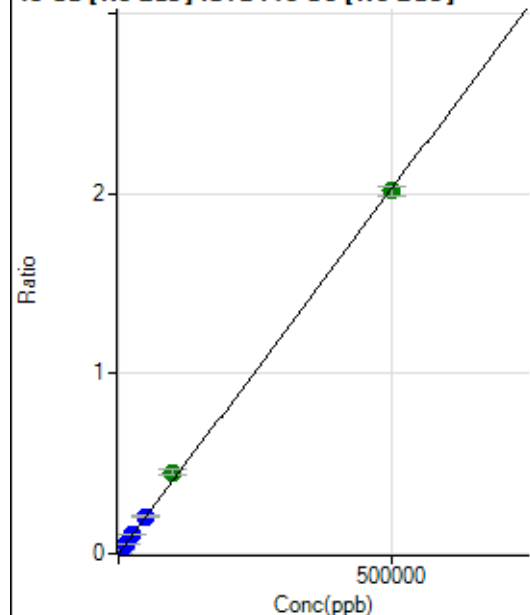
$$R = 1.0000$$

$$DL = 9.142$$

$$BEC = 291.5$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	241.22	0.0001	P	6.1
2	☐	500.000	462.945	5368.69	0.0020	P	1.6
3	☐	5000.000	5067.262	58123.65	0.0206	P	0.6
4	☐	12500.000	12632.818	145374.87	0.0512	P	0.5
5	☐	25000.000	26371.687	303148.53	0.1068	P	0.4
6	☐	50000.000	51300.323	602124.00	0.2077	P	1.4
7	☐	100000.00	111653.91	1286132.49	0.4519	A	5.8
8	☐	500000.00	497466.64	5801677.72	2.0130	A	2.7

$$y = 4.0464\text{E-}006 * x + 8.8802\text{E-}005$$

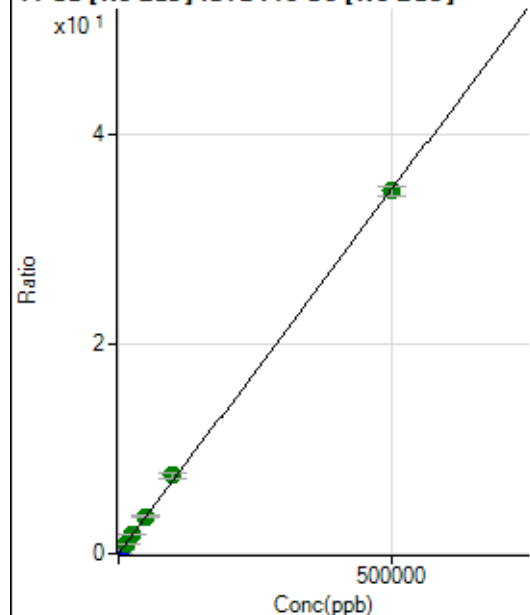
$$R = 0.9997$$

$$DL = 3.986$$

$$BEC = 21.95$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18503.93	0.0068	P	1.7
2	☐	500.000	445.585	103378.57	0.0378	P	1.1
3	☐	5000.000	4962.934	992802.15	0.3518	P	0.9
4	☐	12500.000	12793.196	2543499.00	0.8960	A	1.7
5	☐	25000.000	26202.284	5188830.67	1.8280	A	0.3
6	☐	50000.000	51049.010	10307276.81	3.5549	A	1.7
7	☐	100000.00	107192.93	21218455.85	7.4572	A	6.2
8	☐	500000.00	498389.49	99850218.88	34.6471	A	2.7

$$y = 6.9504\text{E-}005 * x + 0.0068$$

$$R = 0.9999$$

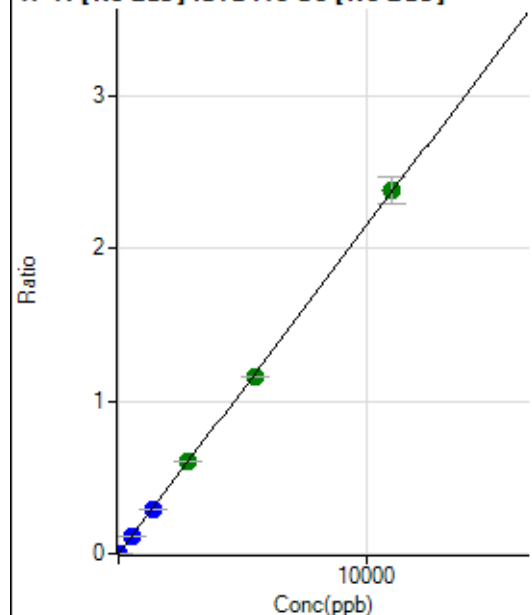
$$DL = 4.926$$

$$BEC = 98.01$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	197.23	0.0001	P	1.5
2	☐	5.000	4.638	2928.15	0.0011	P	9.3
3	☐	550.000	551.094	334857.31	0.1186	P	0.6
4	☐	1375.000	1344.646	821543.72	0.2894	P	0.7
5	☐	2750.000	2803.841	1712547.66	0.6033	A	0.5
6	☐	5500.000	5387.917	3361567.24	1.1593	A	0.1
7	☐	11000.000	11046.321	6757821.85	2.3767	A	7.5
8	☐			3982.21	0.0014	P	18.2

$$y = 2.1515\text{E-}004 * x + 7.2594\text{E-}005$$

$$R = 0.9999$$

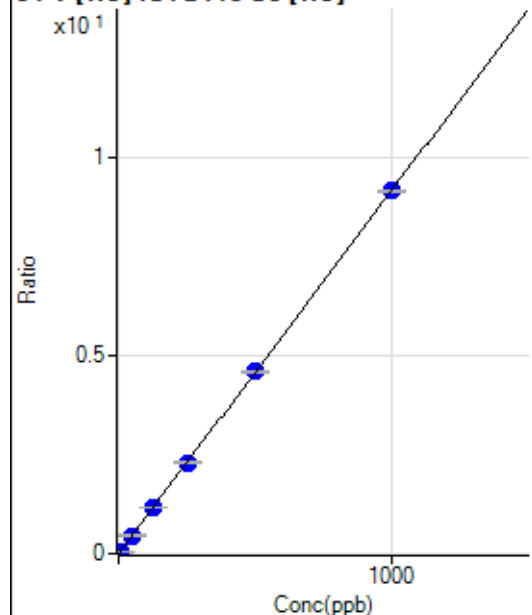
$$DL = 0.01549$$

$$BEC = 0.3374$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	5.55	0.0001	P	69.9
2	☐	5.000	4.589	4152.86	0.0420	P	1.4
3	☐	50.000	49.593	45783.00	0.4536	P	6.7
4	☐	125.000	126.751	114181.16	1.1591	P	0.7
5	☐	250.000	250.284	223881.14	2.2888	P	1.3
6	☐	500.000	500.604	438327.77	4.5778	P	0.6
7	☐	1000.000	999.431	874072.49	9.1394	P	0.4
8	☐			571.14	0.0062	P	21.0

$$y = 0.0091 * x + 5.7061\text{E-}005$$

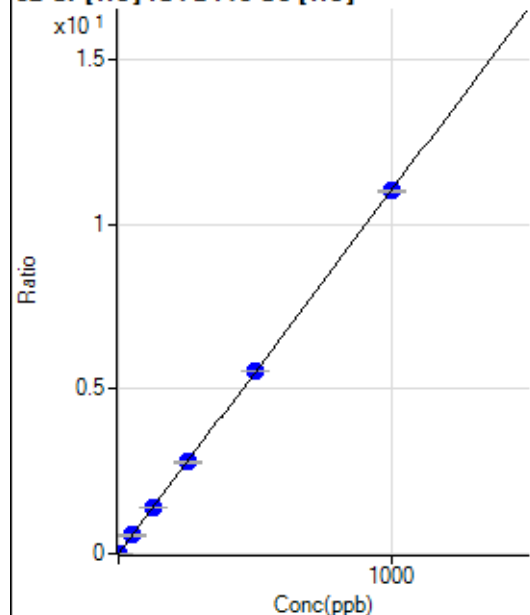
$$R = 1.0000$$

$$DL = 0.01309$$

$$BEC = 0.00624$$

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	304.45	0.0031	P	11.4
2	☐	2.000	1.885	2364.66	0.0239	P	4.8
3	☐	50.000	50.394	56463.21	0.5594	P	6.8
4	☐	125.000	127.630	139076.92	1.4119	P	0.6
5	☐	250.000	252.177	272588.80	2.7867	P	1.3
6	☐	500.000	501.450	530247.98	5.5382	P	0.4
7	☐	1000.000	998.382	1054254.23	11.0234	P	0.8
8	☐			2937.28	0.0320	P	7.9

$$y = 0.0110 * x + 0.0031$$

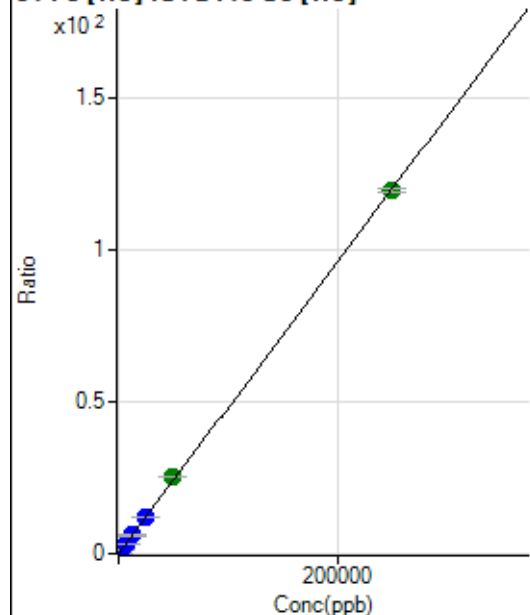
$$R = 1.0000$$

$$DL = 0.09622$$

$$BEC = 0.2825$$

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	583.36	0.0060	P	7.9
2	☐	50.000	44.622	2705.87	0.0274	P	1.3
3	☐	2500.000	2485.152	120871.46	1.1979	P	7.7
4	☐	6250.000	6349.688	300598.74	3.0515	P	0.5
5	☐	12500.000	12579.566	590828.82	6.0396	P	1.0
6	☐	25000.000	24959.734	1146786.04	11.9775	P	0.8
7	☐	50000.000	53379.394	2449149.53	25.6086	A	0.3
8	☐	250000.00	249321.82	10966402.56	119.5895	A	1.0

$$y = 4.7964E-004 * x + 0.0060$$

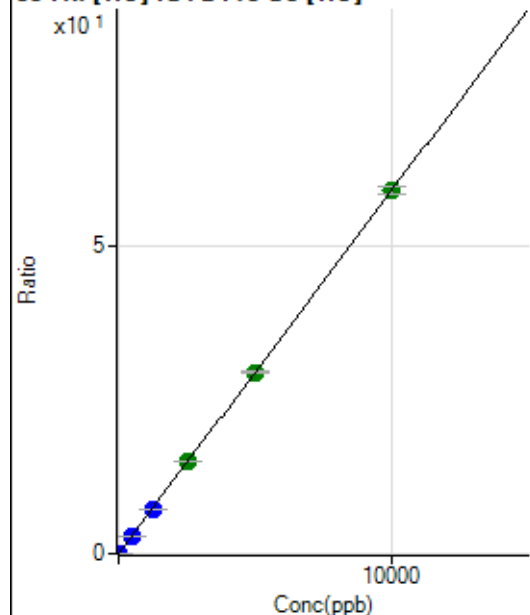
$$R = 0.9999$$

$$DL = 2.939$$

$$BEC = 12.46$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	84.45	0.0009	P	37.6
2	☐	1.000	1.025	682.25	0.0069	P	2.0
3	☐	500.000	479.347	285029.21	2.8233	P	6.4
4	☐	1250.000	1220.340	707907.10	7.1864	P	0.1
5	☐	2500.000	2545.016	1466115.41	14.9862	A	0.6
6	☐	5000.000	4993.884	2815312.53	29.4055	A	0.9
7	☐	10000.000	9996.544	5629513.87	58.8617	A	2.0
8	☐			4449.73	0.0485	P	8.1

$$y = 0.0059 * x + 8.6480E-004$$

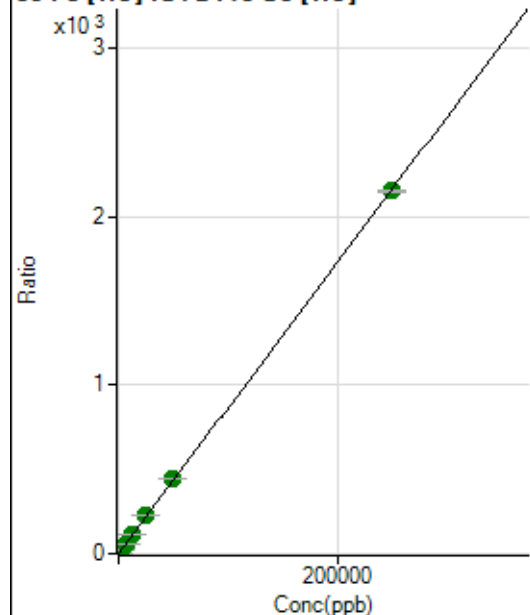
$$R = 1.0000$$

$$DL = 0.1655$$

$$BEC = 0.1469$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	3030.00	0.0311	P	5.3
2	☐	50.000	46.715	42918.35	0.4342	P	1.1
3	☐	2500.000	2607.900	2275503.26	22.5395	A	6.5
4	☐	6250.000	6563.423	5583115.86	56.6792	A	1.2
5	☐	12500.000	13018.119	10995290.06	112.3890	A	0.3
6	☐	25000.000	26152.629	21614847.48	225.7515	A	1.0
7	☐	50000.000	51661.568	42646907.43	445.9162	A	1.2
8	☐	250000.00	249517.60	197492287.7	2,153.589	A	0.6

$$y = 0.0086 * x + 0.0311$$

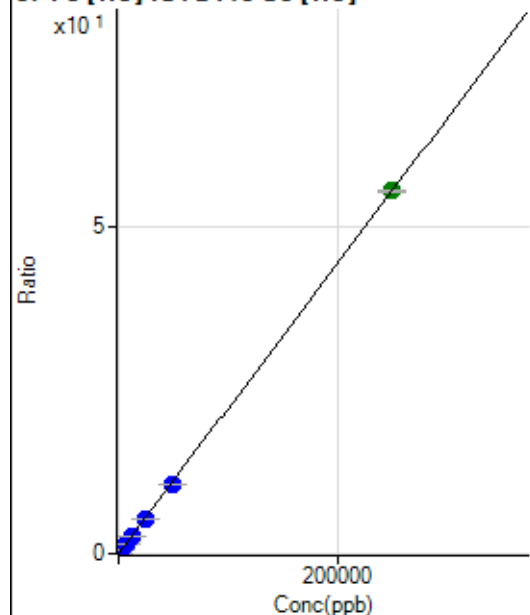
$$R = 1.0000$$

$$DL = 0.5772$$

$$BEC = 3.598$$

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	248.16	0.0025	P	10.8
2	☐	50.000	46.120	1259.34	0.0127	P	3.1
3	☐	2500.000	2417.274	54152.64	0.5371	P	9.1
4	☐	6250.000	6089.038	132889.24	1.3490	P	0.6
5	☐	12500.000	12141.150	262908.52	2.6873	P	0.7
6	☐	25000.000	24052.646	509489.49	5.3213	P	0.6
7	☐	50000.000	47843.804	1012054.59	10.5821	P	0.4
8	☐	250000.00	250548.76	5080968.92	55.4058	A	0.9

$$y = 2.2113\text{E-}004 * x + 0.0025$$

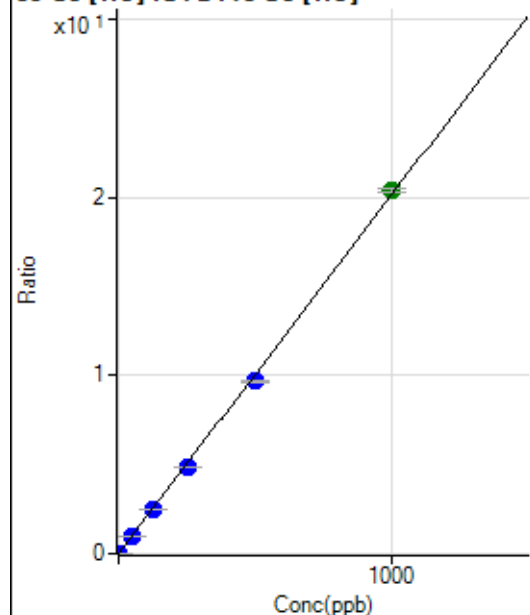
$$R = 1.0000$$

$$DL = 3.715$$

$$BEC = 11.51$$

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	37.78	0.0004	P	12.8
2	☐	1.000	0.937	1901.26	0.0192	P	8.3
3	☐	50.000	48.269	98037.17	0.9713	P	6.9
4	☐	125.000	121.504	240781.14	2.4444	P	0.9
5	☐	250.000	242.497	477200.07	4.8781	P	0.5
6	☐	500.000	481.687	927667.33	9.6893	P	0.9
7	☐	1000.000	1011.556	1945990.37	20.3473	A	1.0
8	☐			4999.84	0.0545	P	8.5

$$y = 0.0201 * x + 3.8694\text{E-}004$$

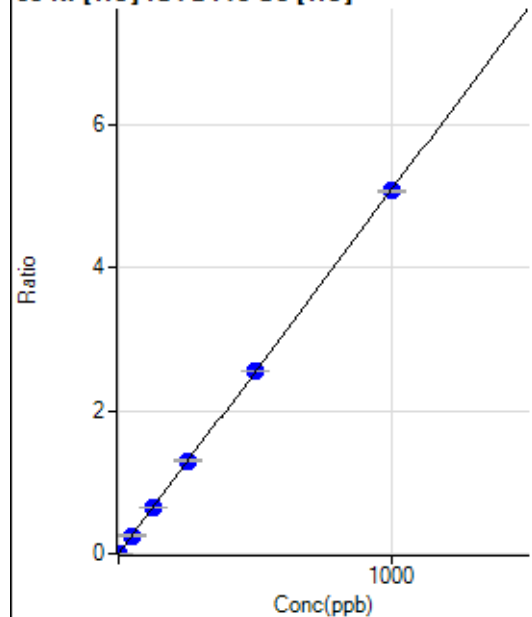
$$R = 0.9997$$

$$DL = 0.007375$$

$$BEC = 0.01924$$

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	227.78	0.0023	P	5.6
2	☐	1.000	0.981	724.47	0.0073	P	2.5
3	☐	50.000	49.744	25795.70	0.2556	P	7.2
4	☐	125.000	127.765	64309.08	0.6528	P	1.3
5	☐	250.000	254.922	127181.03	1.3002	P	1.5
6	☐	500.000	502.171	245009.70	2.5590	P	0.9
7	☐	1000.000	997.351	485855.20	5.0802	P	0.9
8	☐			1611.22	0.0176	P	6.7

$$y = 0.0051 * x + 0.0023$$

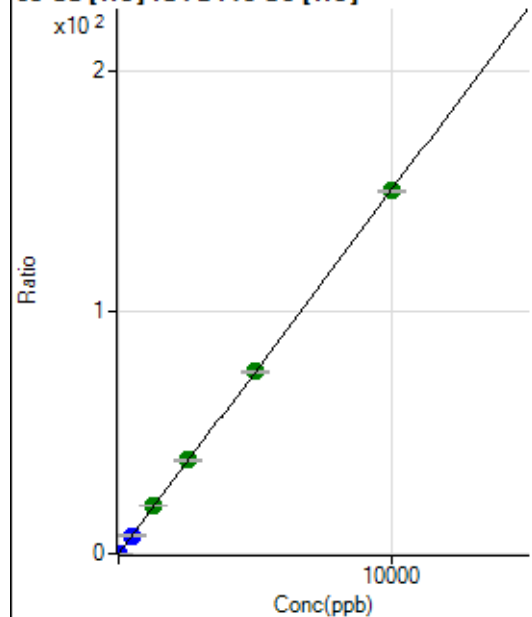
$$R = 1.0000$$

$$DL = 0.07721$$

$$BEC = 0.4585$$

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	491.13	0.0050	P	10.7
2	☐	2.000	1.932	3369.32	0.0341	P	2.1
3	☐	500.000	489.012	743052.97	7.3593	P	6.1
4	☐	1250.000	1305.095	1933960.27	19.6324	A	0.9
5	☐	2500.000	2566.221	3775213.66	38.5985	A	2.2
6	☐	5000.000	5000.321	7200552.81	75.2050	A	0.6
7	☐	10000.000	9976.947	14350287.70	150.0485	A	0.2
8	☐			9062.47	0.0988	P	16.0

$$y = 0.0150 * x + 0.0050$$

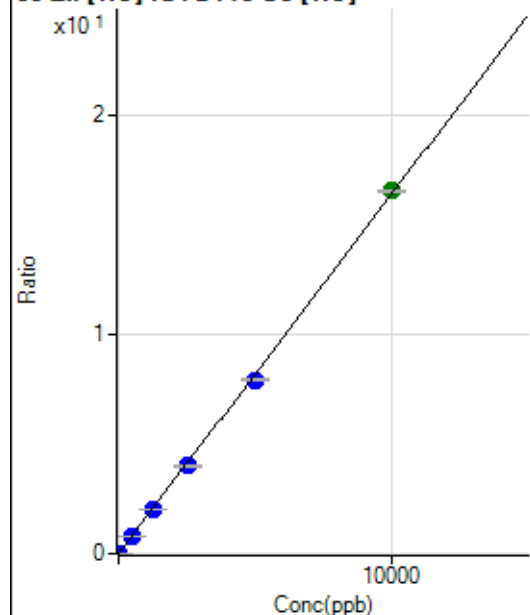
$$R = 1.0000$$

$$DL = 0.1071$$

$$BEC = 0.3346$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	104.45	0.0011	P	11.5
2	☐	2.000	2.566	521.13	0.0053	P	5.6
3	☐	500.000	489.834	81096.12	0.8033	P	6.5
4	☐	1250.000	1240.081	200167.59	2.0321	P	1.0
5	☐	2500.000	2444.489	391730.34	4.0048	P	1.3
6	☐	5000.000	4841.750	759312.11	7.9311	P	1.2
7	☐	10000.000	10094.751	1581349.09	16.5347	A	0.8
8	☐			2074.62	0.0226	P	4.7

$$y = 0.0016 * x + 0.0011$$

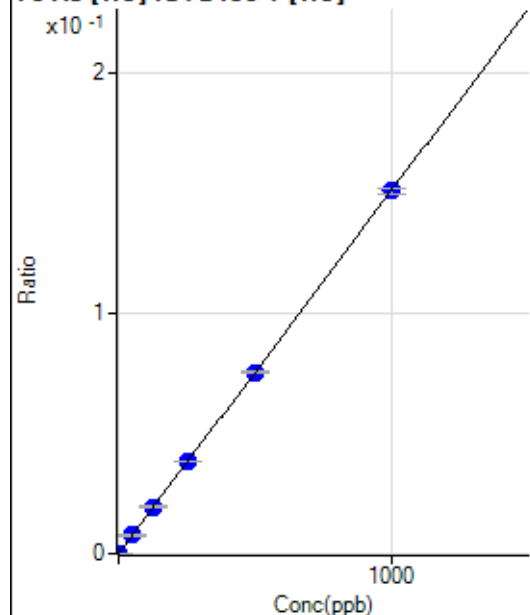
$$R = 0.9998$$

$$DL = 0.2259$$

$$BEC = 0.6533$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	4.67	0.0000	P	25.0
2	☐	1.000	1.038	109.01	0.0002	P	13.4
3	☐	50.000	51.020	5232.16	0.0077	P	4.4
4	☐	125.000	129.442	12922.87	0.0195	P	0.9
5	☐	250.000	252.872	25221.62	0.0382	P	0.4
6	☐	500.000	499.586	49343.83	0.0754	P	0.9
7	☐	1000.000	998.883	98734.20	0.1508	P	1.4
8	☐			69.34	0.0001	P	11.8

$$y = 1.5093E-004 * x + 7.0792E-006$$

$$R = 1.0000$$

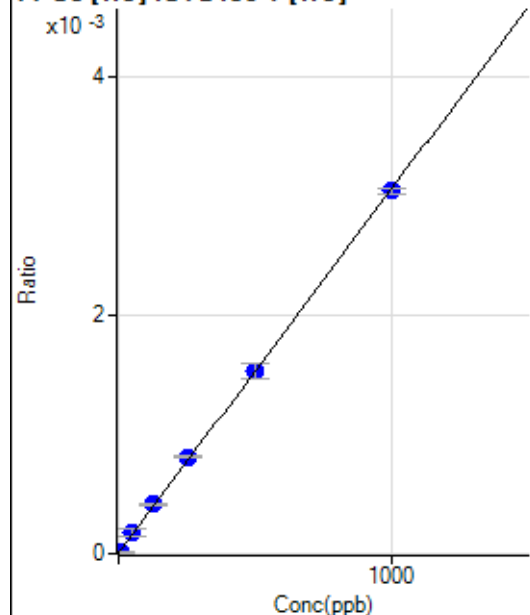
$$DL = 0.03519$$

$$BEC = 0.0469$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.
2	☐	5.000	2.711	8.89	0.0000	P	94.1
3	☐	50.000	55.565	117.78	0.0002	P	35.6
4	☐	125.000	133.119	272.23	0.0004	P	6.3
5	☐	250.000	264.937	537.79	0.0008	P	2.1
6	☐	500.000	500.526	1003.38	0.0015	P	9.0
7	☐	1000.000	994.721	1992.38	0.0030	P	1.3
8	☐			7.78	0.0000	P	65.8

$$y = 3.0533\text{E-}006 * x + 5.0687\text{E-}006$$

$$R = 0.9998$$

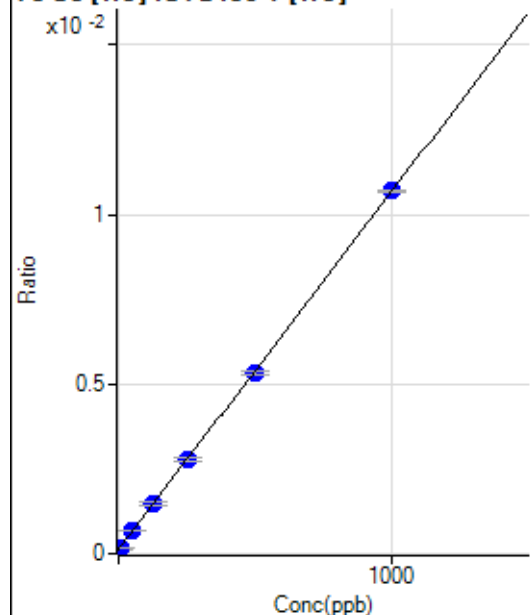
$$DL = 4.982$$

$$BEC = 1.66$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0001	P	4.6
2	☐	5.000	5.492	122.68	0.0002	P	8.2
3	☐	50.000	52.193	459.39	0.0007	P	5.0
4	☐	125.000	128.861	982.14	0.0015	P	7.1
5	☐	250.000	253.379	1848.65	0.0028	P	4.2
6	☐	500.000	492.830	3483.12	0.0053	P	1.9
7	☐	1000.000	1002.145	7004.45	0.0107	P	0.8
8	☐			70.34	0.0001	P	10.7

$$y = 1.0545\text{E-}005 * x + 1.2639\text{E-}004$$

$$R = 0.9999$$

$$DL = 1.663$$

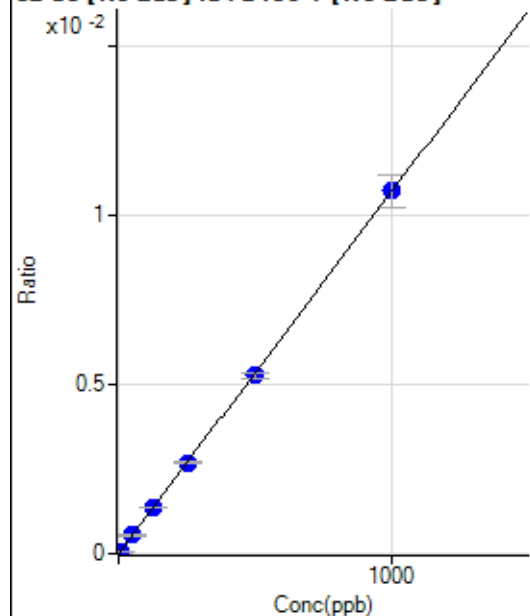
$$BEC = 11.99$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			21328.27		P	2.2
2	☐			20806.97		P	2.0
3	☐			19797.82		P	0.6
4	☐			20917.36		P	2.7
5	☐			19817.86		P	4.6
6	☐			20459.50		P	4.2
7	☐			20061.76		P	2.9
8	☐			19483.78		P	2.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-59.34	0.0000	P	-89.
2	☐	5.000	5.055	241.35	0.0000	P	13.5
3	☐	50.000	50.953	3023.82	0.0005	P	7.6
4	☐	125.000	127.528	7718.05	0.0014	P	0.3
5	☐	250.000	252.139	15426.58	0.0027	P	1.3
6	☐	500.000	492.911	30650.18	0.0053	P	3.0
7	☐	1000.000	1002.646	61264.55	0.0107	P	8.9
8	☐			95.33	0.0000	P	7.2

$$y = 1.0688E-005 * x - 1.0589E-005$$

$$R = 1.0000$$

$$DL = 2.659$$

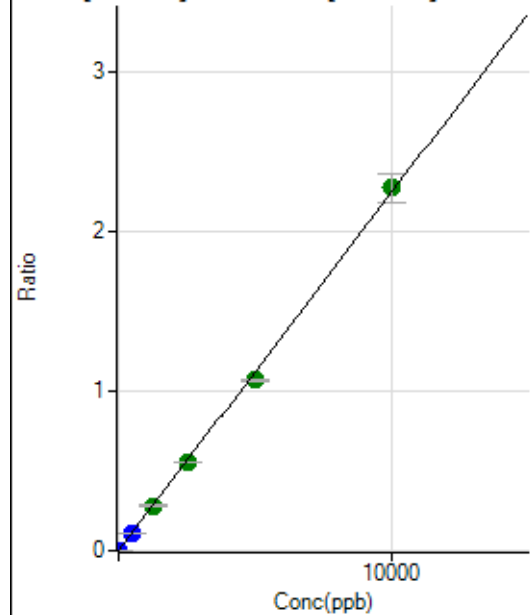
$$BEC = -0.9908$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			803.36		P	6.2
2	☐			783.36		P	4.6
3	☐			796.70		P	11.6
4	☐			704.47		P	7.1
5	☐			753.36		P	7.4
6	☐			660.02		P	3.3
7	☐			793.37		P	9.6
8	☐			786.70		P	0.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1180.64	0.0002	P	6.1
2	☐	1.000	0.798	2175.22	0.0004	P	4.2
3	☐	500.000	482.175	613717.44	0.1083	P	2.8
4	☐	1250.000	1247.056	1596206.32	0.2798	A	3.6
5	☐	2500.000	2468.177	3181436.88	0.5535	A	2.0
6	☐	5000.000	4762.371	6227581.69	1.0678	A	1.0
7	☐	10000.000	10128.030	13000088.14	2.2706	A	8.2
8	☐			15140.60	0.0026	P	18.8

$$y = 2.2417E-004 * x + 2.1240E-004$$

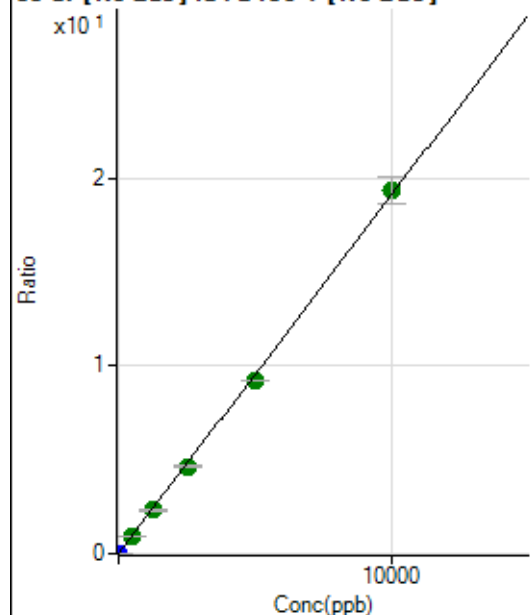
$$R = 0.9996$$

$$DL = 0.1723$$

$$BEC = 0.9475$$

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	105.56	0.0000	P	14.8
2	☐	1.000	0.902	9686.98	0.0017	P	1.7
3	☐	500.000	489.731	5306094.13	0.9362	A	1.7
4	☐	1250.000	1208.667	13186194.83	2.3104	A	0.8
5	☐	2500.000	2422.078	26616254.24	4.6299	A	2.4
6	☐	5000.000	4827.061	53821625.86	9.2271	A	0.4
7	☐	10000.000	10111.630	110718624.7	19.3288	A	7.4
8	☐			119451.11	0.0206	P	16.3

$$y = 0.0019 * x + 1.9028E-005$$

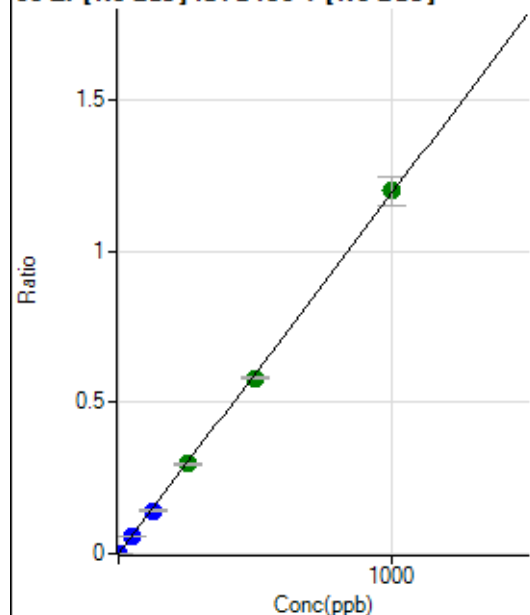
$$R = 0.9997$$

$$DL = 0.004416$$

$$BEC = 0.009955$$

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	319.46	0.0001	P	8.2
2	☐	1.000	0.816	5723.56	0.0010	P	2.5
3	☐	50.000	47.779	322958.69	0.0570	P	3.4
4	☐	125.000	119.775	814920.13	0.1428	P	0.6
5	☐	250.000	249.056	1706427.06	0.2969	A	1.0
6	☐	500.000	486.829	3383753.76	0.5802	A	1.3
7	☐	1000.000	1007.586	6875144.43	1.2008	A	8.2
8	☐			6330.33	0.0011	P	10.8

$$y = 0.0012 * x + 5.7513E-005$$

$$R = 0.9999$$

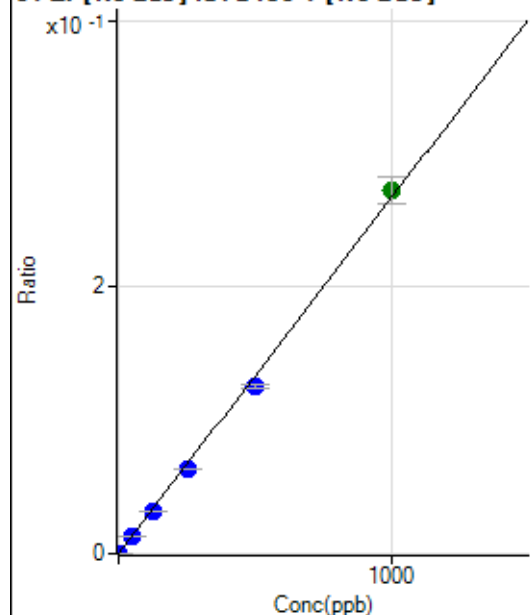
$$DL = 0.01192$$

$$BEC = 0.04826$$

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	88.89	0.0000	P	20.8
2	☐	1.000	0.927	1464.00	0.0003	P	5.4
3	☐	50.000	47.752	72318.59	0.0128	P	2.4
4	☐	125.000	118.104	179960.69	0.0315	P	1.7
5	☐	250.000	238.061	365299.61	0.0636	P	0.8
6	☐	500.000	470.037	731722.82	0.1255	P	1.3
7	☐	1000.000	1018.941	1557730.05	0.2720	A	7.5
8	☐			1400.15	0.0002	P	12.6

$$y = 2.6690E-004 * x + 1.6014E-005$$

$$R = 0.9993$$

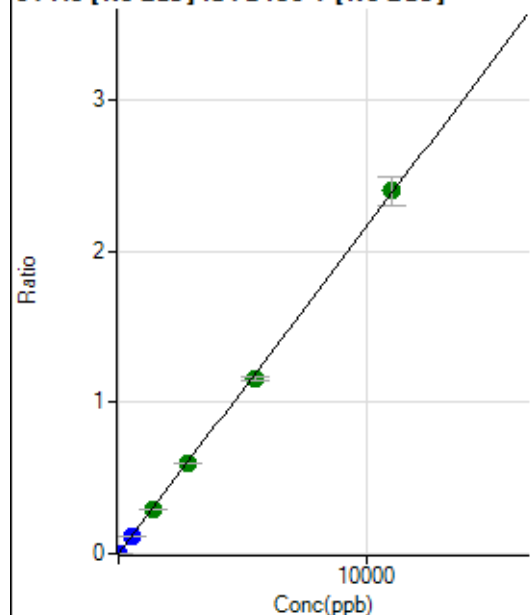
$$DL = 0.03743$$

$$BEC = 0.06$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	32.0
2	☐	5.000	5.739	7032.52	0.0013	P	1.0
3	☐	550.000	534.096	656225.61	0.1158	P	1.5
4	☐	1375.000	1340.541	1657925.19	0.2905	A	2.3
5	☐	2750.000	2741.141	3414377.12	0.5941	A	0.7
6	☐	5500.000	5352.638	6763779.66	1.1600	A	2.4
7	☐	11000.000	11080.998	13749346.84	2.4014	A	8.1
8	☐			10561.46	0.0018	P	29.4

$$y = 2.1671E-004 * x + 2.2013E-005$$

$$R = 0.9999$$

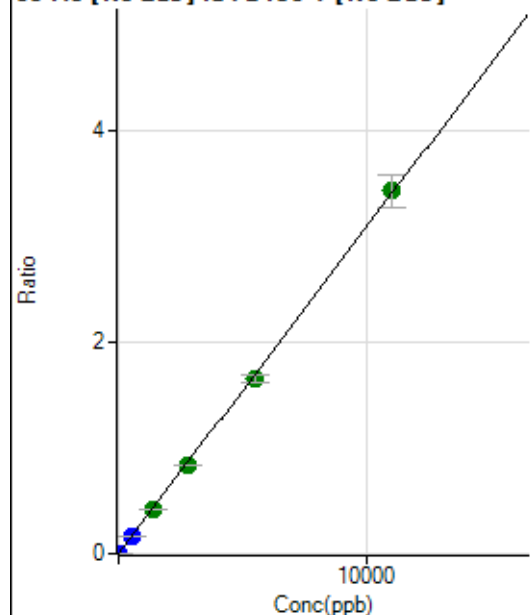
$$DL = 0.0975$$

$$BEC = 0.1016$$

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	8.33	0.0000	P	98.7
2	☐	5.000	4.606	7935.86	0.0014	P	3.3
3	☐	550.000	538.504	945041.47	0.1668	P	2.4
4	☐	1375.000	1357.170	2397999.01	0.4203	A	2.6
5	☐	2750.000	2708.632	4820507.53	0.8388	A	1.5
6	☐	5500.000	5338.830	9635580.42	1.6532	A	4.3
7	☐	11000.000	11093.731	19659147.49	3.4353	A	9.1
8	☐			12848.75	0.0022	P	23.9

$$y = 3.0966\text{E-}004 * x + 1.4707\text{E-}006$$

$$R = 0.9998$$

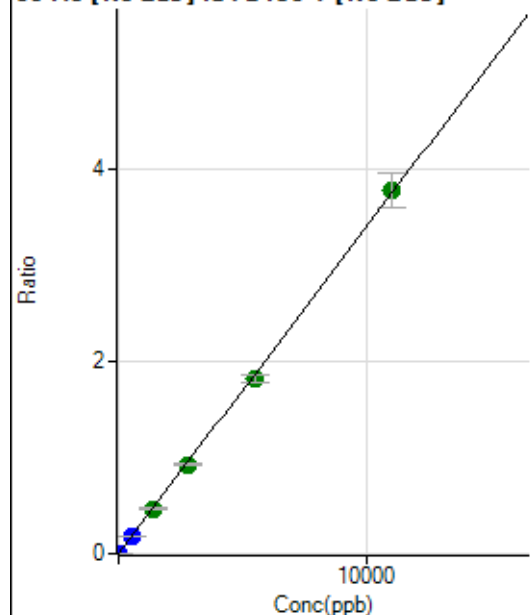
$$DL = 0.01407$$

$$BEC = 0.004749$$

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	113.89	0.0000	P	10.8
2	☐	5.000	4.778	9128.26	0.0016	P	2.1
3	☐	550.000	527.974	1015900.74	0.1793	P	3.6
4	☐	1375.000	1374.291	2662554.10	0.4666	A	2.8
5	☐	2750.000	2730.271	5327732.63	0.9271	A	2.0
6	☐	5500.000	5339.366	10568183.74	1.8130	A	3.8
7	☐	11000.000	11086.439	21533160.03	3.7643	A	9.6
8	☐			18504.00	0.0032	P	15.1

$$y = 3.3954\text{E-}004 * x + 2.0508\text{E-}005$$

$$R = 0.9998$$

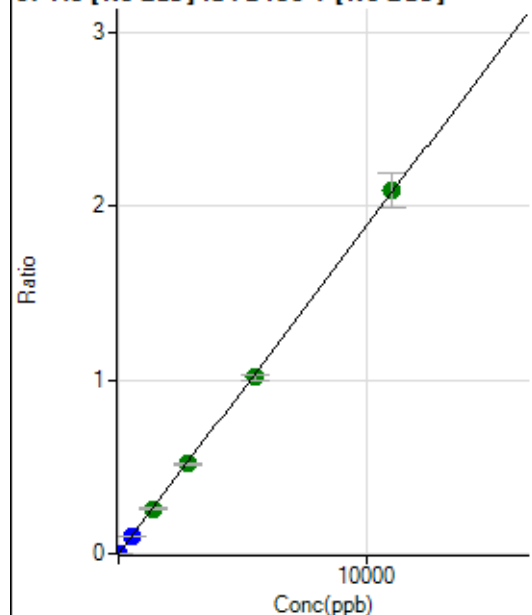
$$DL = 0.0196$$

$$BEC = 0.0604$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2.78	0.0000	P	173.
2	☐	5.000	4.878	5112.19	0.0009	P	0.7
3	☐	550.000	529.424	565549.98	0.0998	P	2.7
4	☐	1375.000	1366.434	1469694.75	0.2576	A	3.3
5	☐	2750.000	2742.441	2970911.81	0.5170	A	2.0
6	☐	5500.000	5369.107	5900011.33	1.0121	A	3.6
7	☐	11000.000	11069.436	11937255.82	2.0866	A	9.5
8	☐			7428.96	0.0013	P	12.7

$$y = 1.8850\text{E-}004 * x + 5.1162\text{E-}007$$

$$R = 0.9999$$

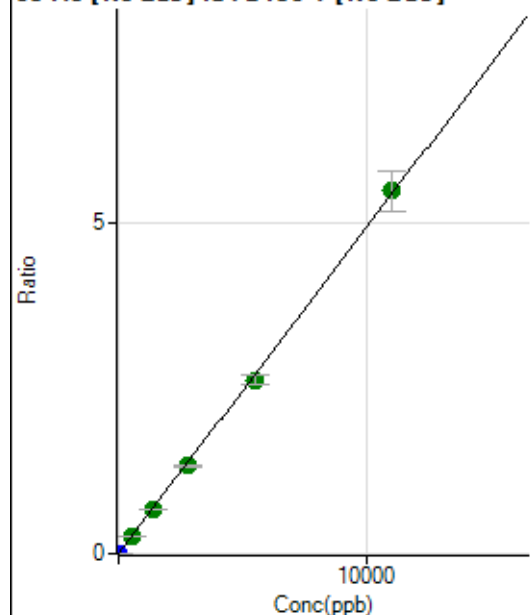
$$DL = 0.0141$$

$$BEC = 0.002714$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	55.4
2	☐	5.000	4.667	12803.52	0.0023	P	3.2
3	☐	550.000	540.191	1507310.04	0.2660	A	3.2
4	☐	1375.000	1354.171	3804660.63	0.6668	A	2.6
5	☐	2750.000	2696.386	7630129.86	1.3277	A	2.6
6	☐	5500.000	5312.513	15245515.45	2.6160	A	5.1
7	☐	11000.000	11110.241	31271246.19	5.4708	A	10.8
8	☐			19031.33	0.0033	P	15.0

$$y = 4.9241\text{E-}004 * x + 6.4229\text{E-}006$$

$$R = 0.9998$$

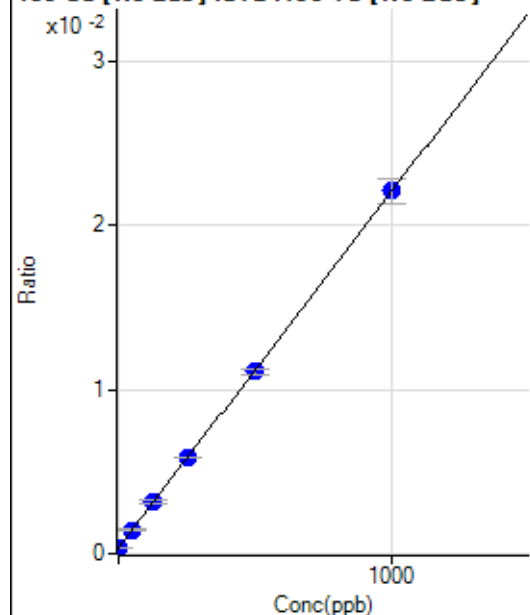
$$DL = 0.02169$$

$$BEC = 0.01304$$

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	1186.20	0.0004	P	4.0
2	☐	1.000	1.372	1272.31	0.0004	P	3.1
3	☐	50.000	50.078	4923.23	0.0014	P	4.5
4	☐	125.000	129.974	10860.13	0.0032	P	7.1
5	☐	250.000	251.296	20944.24	0.0058	P	0.1
6	☐	500.000	493.884	40259.66	0.0111	P	2.4
7	☐	1000.000	1002.108	81094.80	0.0221	P	7.0
8	☐			1113.97	0.0003	P	7.4

$$y = 2.1702\text{E-}005 * x + 3.5916\text{E-}004$$

$$R = 1.0000$$

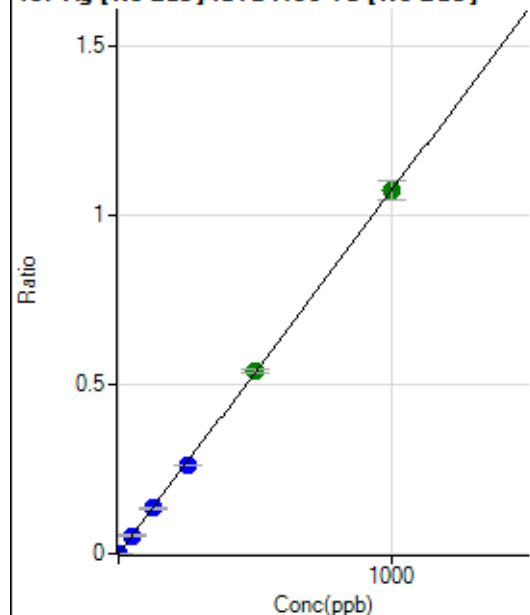
$$DL = 2.007$$

$$BEC = 16.55$$

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	33.33	0.0000	P	50.9
2	☐	1.000	0.989	3508.88	0.0011	P	4.4
3	☐	50.000	50.295	184058.55	0.0540	P	1.7
4	☐	125.000	125.796	461726.57	0.1351	P	4.5
5	☐	250.000	243.044	940688.93	0.2611	P	0.6
6	☐	500.000	504.419	1969106.92	0.5418	A	2.3
7	☐	1000.000	999.415	3941461.89	1.0736	A	5.4
8	☐			2083.55	0.0006	P	11.2

$$y = 0.0011 * x + 1.0120\text{E-}005$$

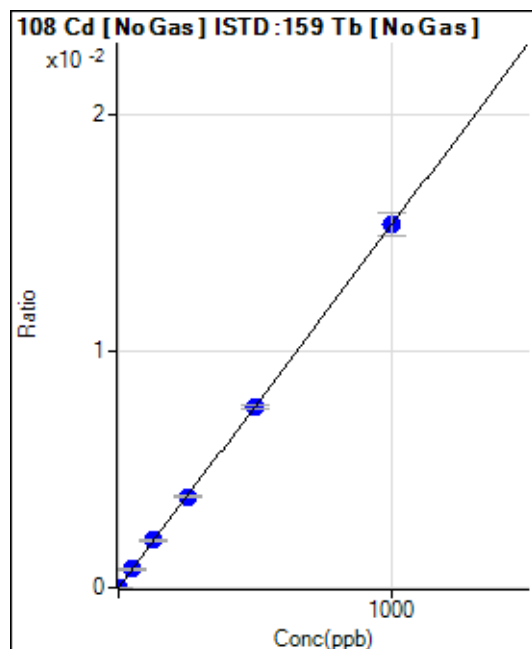
$$R = 1.0000$$

$$DL = 0.0144$$

$$BEC = 0.009421$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	15.28	0.0000	P	42.8
2	☐	1.000	1.111	70.83	0.0000	P	32.3
3	☐	50.000	50.410	2653.06	0.0008	P	2.2
4	☐	125.000	130.634	6869.85	0.0020	P	4.3
5	☐	250.000	250.610	13882.09	0.0039	P	1.2
6	☐	500.000	498.210	27815.72	0.0077	P	1.9
7	☐	1000.000	1000.018	56368.93	0.0154	P	6.3
8	☐			62.50	0.0000	P	14.3

$$y = 1.5355\text{E-}005 * x + 4.6456\text{E-}006$$

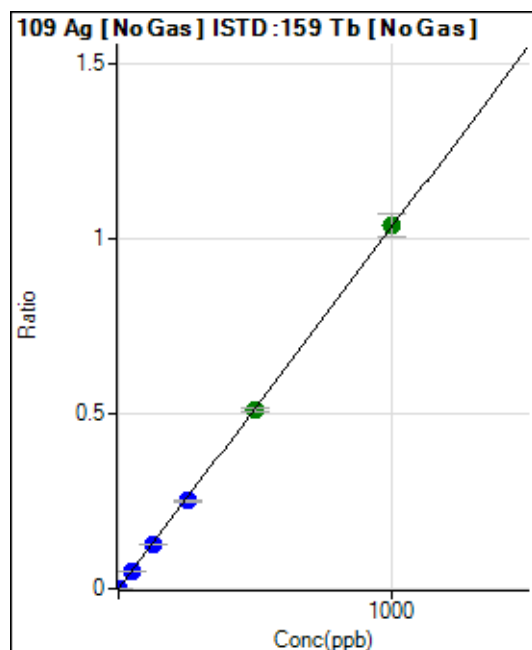
$$R = 1.0000$$

$$DL = 0.3882$$

$$BEC = 0.3025$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.7
2	☐	1.000	0.935	3169.90	0.0010	P	5.7
3	☐	50.000	49.731	174916.21	0.0514	P	2.2
4	☐	125.000	123.359	435464.23	0.1274	P	2.2
5	☐	250.000	243.105	904337.13	0.2510	P	2.5
6	☐	500.000	495.932	1860870.92	0.5121	A	2.1
7	☐	1000.000	1003.977	3804332.47	1.0367	A	6.2
8	☐			2133.57	0.0006	P	18.2

$$y = 0.0010 * x + 4.2071\text{E-}006$$

$$R = 1.0000$$

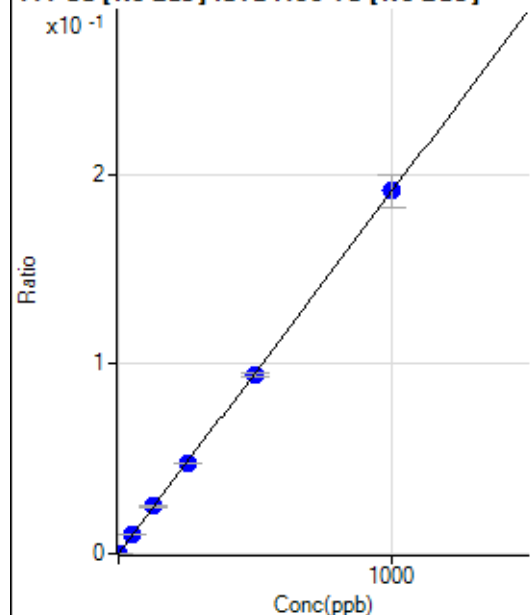
$$DL = 0.00424$$

$$BEC = 0.004074$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	240.44	0.0001	P	5.2
2	☐	1.000	0.967	841.02	0.0003	P	2.8
3	☐	50.000	51.917	33967.58	0.0100	P	2.4
4	☐	125.000	129.849	84867.43	0.0248	P	3.6
5	☐	250.000	249.434	171627.60	0.0476	P	1.5
6	☐	500.000	494.388	342852.43	0.0943	P	1.5
7	☐	1000.000	1002.245	700679.67	0.1912	P	8.9
8	☐			629.06	0.0002	P	13.6

$$y = 1.9068\text{E-}004 * x + 7.2787\text{E-}005$$

$$R = 1.0000$$

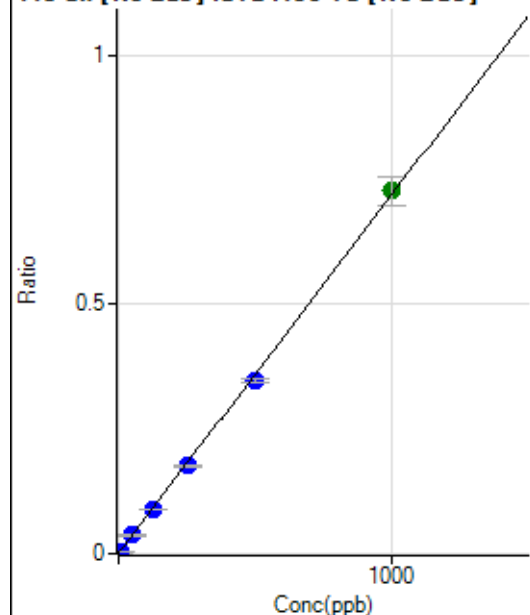
$$DL = 0.05992$$

$$BEC = 0.3817$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2553.10	0.0008	P	7.7
2	☐	5.000	4.795	13807.35	0.0042	P	2.3
3	☐	50.000	50.154	125428.06	0.0368	P	2.5
4	☐	125.000	122.452	303602.02	0.0888	P	2.3
5	☐	250.000	243.263	632761.40	0.1757	P	2.9
6	☐	500.000	480.910	1259303.59	0.3465	P	1.9
7	☐	1000.000	1011.541	2669408.50	0.7279	A	7.7
8	☐			5754.21	0.0015	P	4.6

$$y = 7.1888\text{E-}004 * x + 7.7318\text{E-}004$$

$$R = 0.9997$$

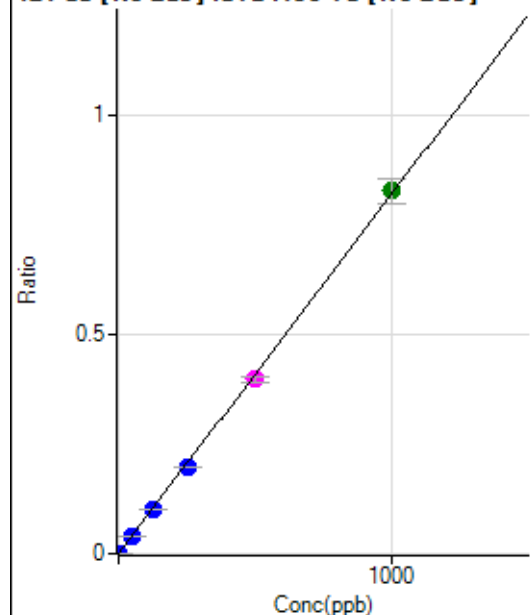
$$DL = 0.2491$$

$$BEC = 1.076$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	56.3
2	☐	2.000	1.933	5215.03	0.0016	P	2.4
3	☐	50.000	49.654	138791.07	0.0407	P	1.9
4	☐	125.000	123.434	346184.11	0.1013	P	3.0
5	☐	250.000	241.669	714452.37	0.1983	P	1.3
6	☐	500.000	485.493	1447547.37	0.3984	M	3.0
7	☐	1000.000	1009.549	3038722.46	0.8283	A	6.9
8	☐			3406.11	0.0009	P	1.3

$$y = 8.2050\text{E-}004 * x + 7.5374\text{E-}006$$

$$R = 0.9998$$

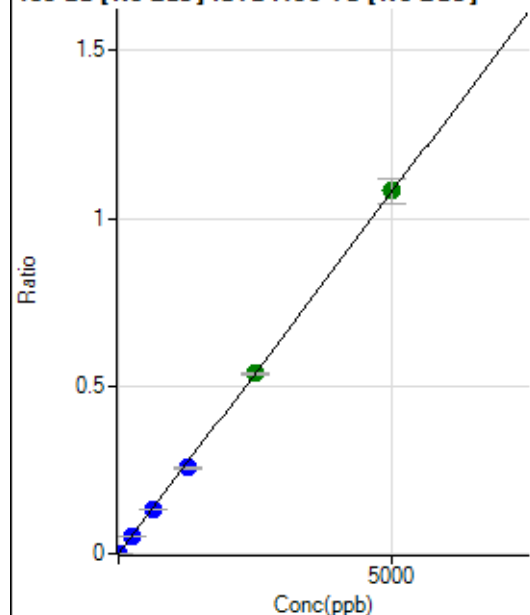
$$DL = 0.01552$$

$$BEC = 0.009186$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	70.6
2	☐	10.000	8.977	6337.77	0.0019	P	2.6
3	☐	250.000	243.179	178375.06	0.0524	P	2.2
4	☐	625.000	606.106	446209.92	0.1305	P	2.0
5	☐	1250.000	1185.768	919883.57	0.2553	P	3.1
6	☐	2500.000	2491.697	1949973.89	0.5365	A	0.2
7	☐	5000.000	5022.915	3967720.84	1.0816	A	6.9
8	☐			2753.19	0.0007	P	5.5

$$y = 2.1533\text{E-}004 * x + 4.2301\text{E-}006$$

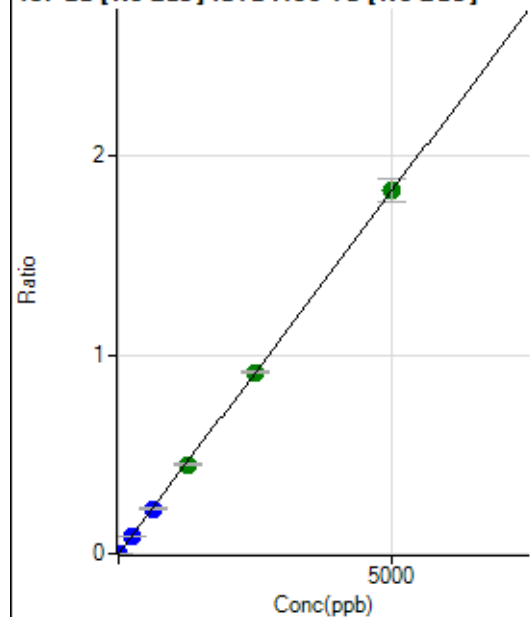
$$R = 0.9999$$

$$DL = 0.04162$$

$$BEC = 0.01964$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	10.000	8.993	10746.25	0.0033	P	2.0
3	☐	250.000	244.977	304234.44	0.0893	P	3.6
4	☐	625.000	618.134	770373.67	0.2254	P	4.0
5	☐	1250.000	1231.680	1618504.70	0.4492	A	0.9
6	☐	2500.000	2497.756	3310120.24	0.9109	A	1.2
7	☐	5000.000	5006.813	6700045.98	1.8258	A	6.4
8	☐			5375.63	0.0014	P	13.1

$$y = 3.6467E-004 * x + 5.0370E-006$$

$$R = 1.0000$$

$$DL = 0.02064$$

$$BEC = 0.01381$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	34.6
2	☐			15.55		P	24.8
3	☐			13.33		P	100.
4	☐			35.56		P	21.6
5	☐			64.44		P	15.8
6	☐			100.00		P	37.1
7	☐			224.45		P	21.5
8	☐			28.89		P	13.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐			3.33		P	100.
3	☐			5.55		P	69.3
4	☐			4.44		P	43.4
5	☐			6.67		P	50.0
6	☐			22.22		P	48.2
7	☐			38.89		P	38.7
8	☐			4.45		P	86.6

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐			19.44		P	65.5
3	☐			19.44		P	99.0
4	☐			19.45		P	107.
5	☐			58.34		P	75.6
6	☐			94.45		P	22.2
7	☐			194.45		P	8.9
8	☐			547.25		P	13.0

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			2.22		P	86.6
3	☐			4.44		P	43.4
4	☐			5.56		P	34.7
5	☐			18.89		P	10.2
6	☐			41.11		P	30.7
7	☐			84.44		P	22.4
8	☐			248.89		P	6.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐			38.89		P	32.7
3	☐			38.89		P	44.6
4	☐			33.33		P	50.0
5	☐			36.11		P	35.3
6	☐			102.78		P	23.4
7	☐			150.00		P	9.6
8	☐			463.91		P	13.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	36.7
2	☐			22.22		P	45.8
3	☐			37.78		P	13.5
4	☐			25.56		P	37.7
5	☐			37.78		P	36.7
6	☐			55.56		P	9.2
7	☐			105.56		P	1.8
8	☐			311.12		P	21.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	43.3
2	☐			22.22		P	43.3
3	☐			41.67		P	105.
4	☐			41.67		P	34.7
5	☐			33.33		P	25.0
6	☐			63.89		P	52.7
7	☐			105.56		P	50.8
8	☐			97.23		P	13.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	78.1
2	☐			13.33		P	43.3
3	☐			8.89		P	43.3
4	☐			10.00		P	33.3
5	☐			23.33		P	14.3
6	☐			13.33		P	50.0
7	☐			46.67		P	21.4
8	☐			38.89		P	17.8

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.
2	☐			19.44		P	65.5
3	☐			25.00		P	57.7
4	☐			33.33		P	66.2
5	☐			50.00		P	76.4
6	☐			16.67		P	50.0
7	☐			58.33		P	37.8
8	☐			52.78		P	39.7

172 Yb [He] No available calibration points

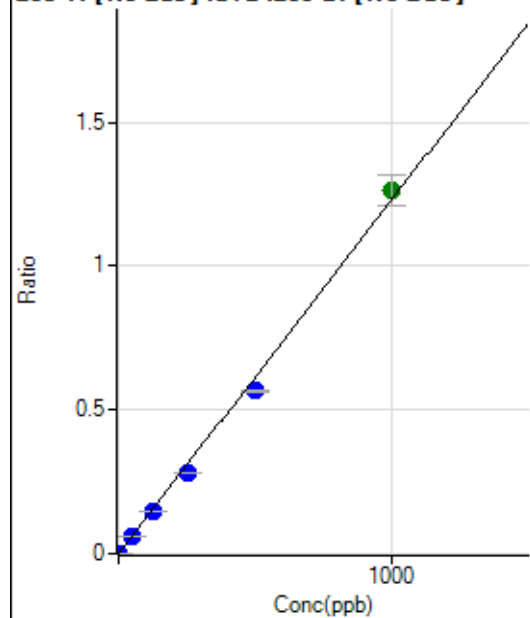
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.71		P	86.6
2	☐			7.41		P	114.
3	☐			11.11		P	0.0
4	☐			11.11		P	0.0
5	☐			11.11		P	50.0
6	☐			25.93		P	32.7
7	☐			33.33		P	50.0
8	☐			9.26		P	124.

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			383.35		P	26.7
2	☐			355.57		P	5.4
3	☐			727.82		P	4.0
4	☐			1355.67		P	3.0
5	☐			2544.78		P	0.8
6	☐			4923.27		P	2.4
7	☐			9823.38		P	2.5
8	☐			402.80		P	13.8

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2037.24		P	5.1
2	☐			1963.15		P	4.8
3	☐			2255.80		P	8.6
4	☐			2546.59		P	5.1
5	☐			3243.05		P	4.3
6	☐			4448.98		P	2.1
7	☐			7187.29		P	4.5
8	☐			2070.57		P	13.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	77.78	0.0001	P	32.5
2	☐	1.000	0.916	1766.84	0.0012	P	9.2
3	☐	50.000	47.730	94929.60	0.0587	P	3.1
4	☐	125.000	119.671	232692.03	0.1471	P	1.6
5	☐	250.000	227.542	487043.93	0.2796	P	0.9
6	☐	500.000	460.376	1005570.47	0.5657	P	1.2
7	☐	1000.000	1026.206	2208951.74	1.2608	A	8.6
8	☐			1547.50	0.0009	P	21.2

$$y = 0.0012 * x + 5.0573E-005$$

$$R = 0.9986$$

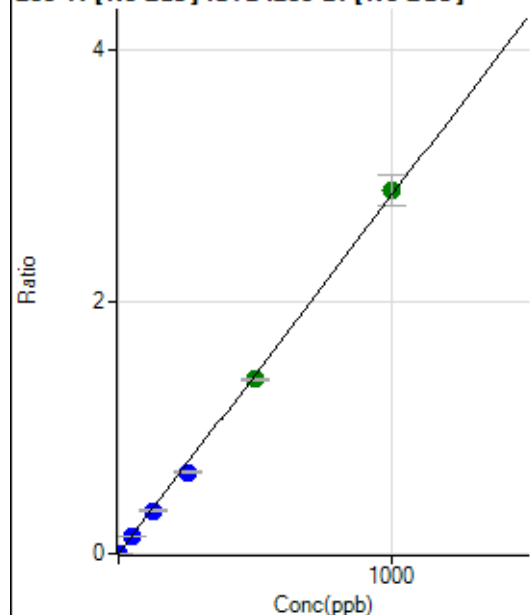
$$DL = 0.04016$$

$$BEC = 0.04116$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0001	P	23.3
2	☐	1.000	0.918	4086.87	0.0027	P	3.8
3	☐	50.000	47.262	217236.90	0.1344	P	5.0
4	☐	125.000	120.575	542029.23	0.3426	P	1.2
5	☐	250.000	226.818	1122520.52	0.6445	P	3.0
6	☐	500.000	487.370	2461819.54	1.3846	A	1.0
7	☐	1000.000	1012.801	5041334.57	2.8773	A	8.5
8	☐			3179.03	0.0018	P	1.9

$$y = 0.0028 * x + 1.1138E-004$$

$$R = 0.9996$$

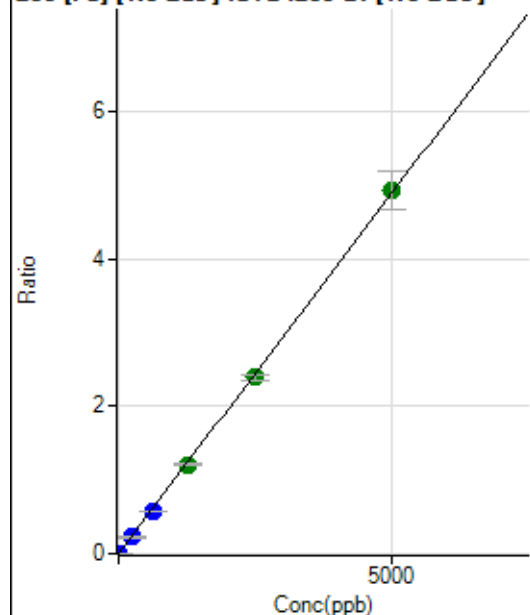
$$DL = 0.02747$$

$$BEC = 0.03921$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	246.30	0.0002	P	8.9
2	☐	1.000	0.914	1583.46	0.0011	P	2.6
3	☐	250.000	231.474	366376.74	0.2267	P	5.7
4	☐	625.000	589.868	913266.43	0.5774	P	3.0
5	☐	1250.000	1232.723	2101581.89	1.2066	A	2.7
6	☐	2500.000	2446.200	4256043.67	2.3942	A	2.5
7	☐	5000.000	5036.537	8627070.22	4.9292	A	10.5
8	☐			7428.86	0.0043	P	7.0

$$y = 9.7866E-004 * x + 1.5920E-004$$

$$R = 0.9999$$

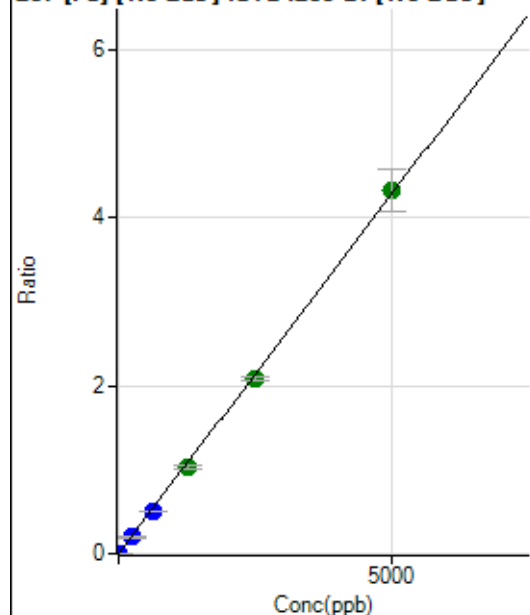
$$DL = 0.0433$$

$$BEC = 0.1627$$

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	222.23	0.0001	P	26.2
2	☐	1.000	0.904	1377.88	0.0009	P	3.7
3	☐	250.000	232.463	321513.75	0.1989	P	5.1
4	☐	625.000	592.405	801332.40	0.5066	P	2.8
5	☐	1250.000	1209.812	1801535.02	1.0343	A	3.6
6	☐	2500.000	2432.315	3696160.96	2.0794	A	2.6
7	☐	5000.000	5048.841	7550024.36	4.3161	A	11.7
8	☐			6573.00	0.0038	P	5.8

$$y = 8.5484\text{E-}004 * x + 1.4423\text{E-}004$$

$$R = 0.9998$$

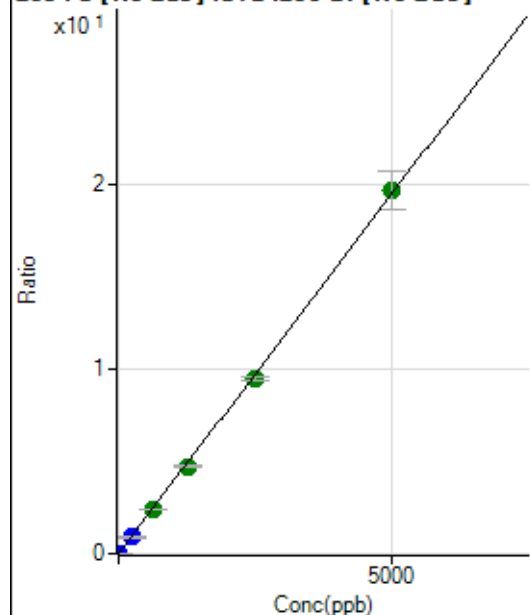
$$DL = 0.1327$$

$$BEC = 0.1687$$

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	1005.59	0.0007	P	7.1
2	☐	1.000	0.916	6348.88	0.0042	P	4.9
3	☐	250.000	231.685	1461980.24	0.9043	P	4.7
4	☐	625.000	618.272	3815159.07	2.4122	A	2.2
5	☐	1250.000	1212.273	8237112.99	4.7290	A	2.2
6	☐	2500.000	2425.389	16818178.33	9.4606	A	2.1
7	☐	5000.000	5048.494	34462597.99	19.6918	A	10.7
8	☐			29753.24	0.0173	P	7.3

$$y = 0.0039 * x + 6.5125\text{E-}004$$

$$R = 0.9998$$

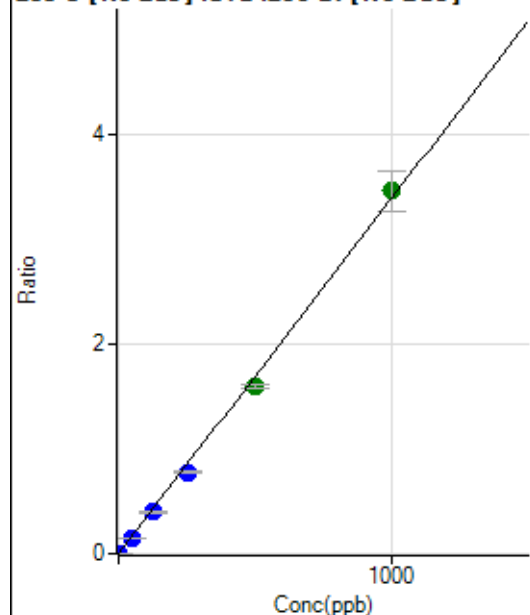
$$DL = 0.03534$$

$$BEC = 0.167$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	51.7
2	☐	1.000	0.938	4787.17	0.0032	P	2.9
3	☐	50.000	45.133	247095.98	0.1528	P	3.2
4	☐	125.000	117.056	626513.80	0.3962	P	3.7
5	☐	250.000	228.380	1346513.81	0.7730	P	1.5
6	☐	500.000	470.623	2831284.37	1.5929	A	2.2
7	☐	1000.000	1021.330	6048573.44	3.4567	A	11.0
8	☐			3033.99	0.0018	P	15.3

$$y = 0.0034 * x + 1.0868E-005$$

$$R = 0.9991$$

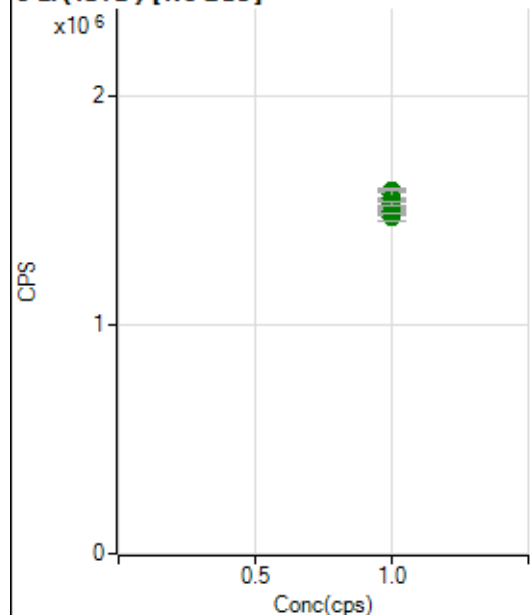
$$DL = 0.004977$$

$$BEC = 0.003211$$

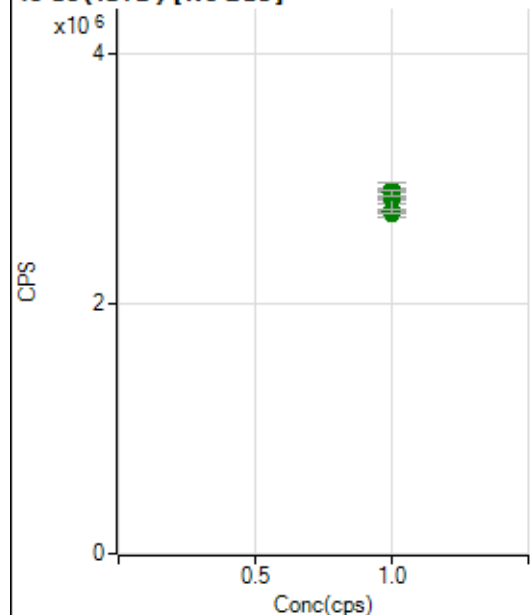
Weight: <None>

Min Conc: 0

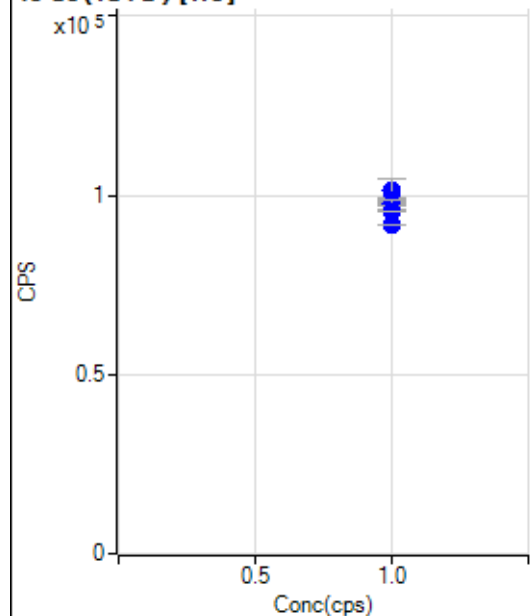
6 Li (ISTD) [No Gas]



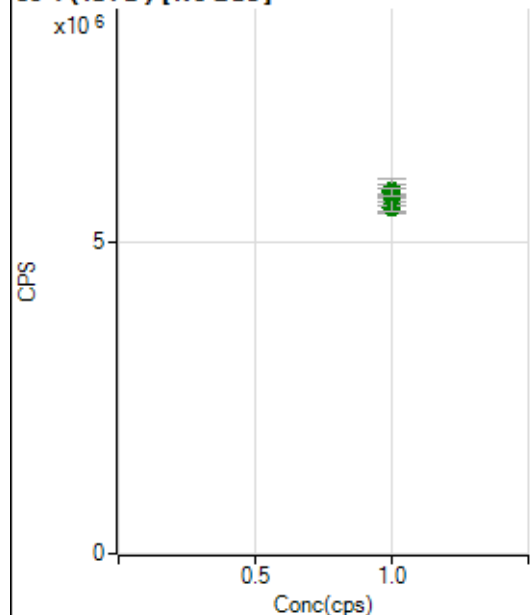
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1466133.43		A	1.9
2	☐	1.000		1519932.04		A	3.0
3	☐	1.000		1513605.62		A	1.4
4	☐	1.000		1498976.90		A	1.4
5	☐	1.000		1573301.60		A	2.3
6	☐	1.000		1584810.47		A	1.1
7	☐	1.000		1552431.98		A	4.9
8	☐	1.000		1530886.90		A	1.0

45 Sc (ISTD) [No Gas]

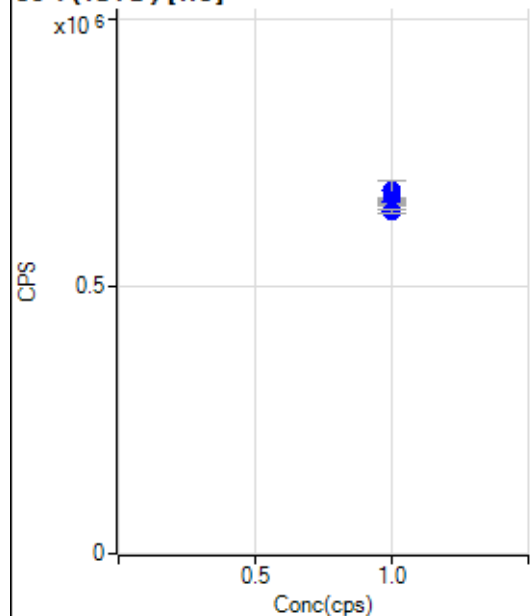
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2716764.48		A	1.5
2	☐	1.000		2736263.38		A	0.7
3	☐	1.000		2822618.95		A	1.3
4	☐	1.000		2839142.49		A	1.3
5	☐	1.000		2838543.64		A	0.8
6	☐	1.000		2899734.92		A	1.2
7	☐	1.000		2854402.86		A	7.7
8	☐	1.000		2882678.15		A	1.4

45 Sc (ISTD) [He]

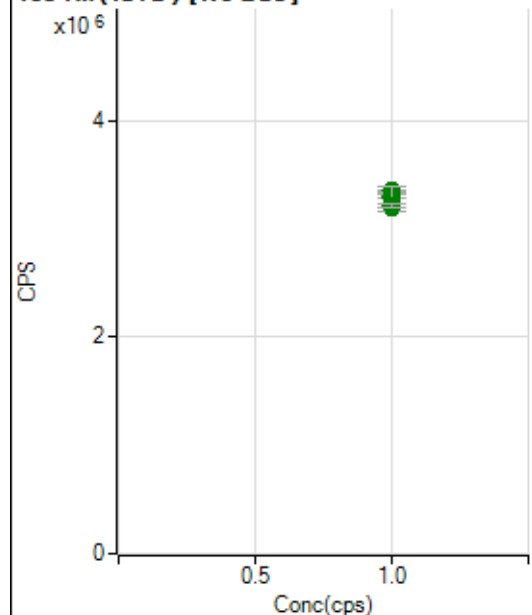
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		97573.70		P	0.7
2	☐	1.000		98831.23		P	0.3
3	☐	1.000		101247.47		P	6.8
4	☐	1.000		98505.96		P	1.0
5	☐	1.000		97830.26		P	1.6
6	☐	1.000		95746.22		P	1.0
7	☐	1.000		95637.85		P	0.1
8	☐	1.000		91702.42		P	0.4

89 Y (ISTD) [No Gas]

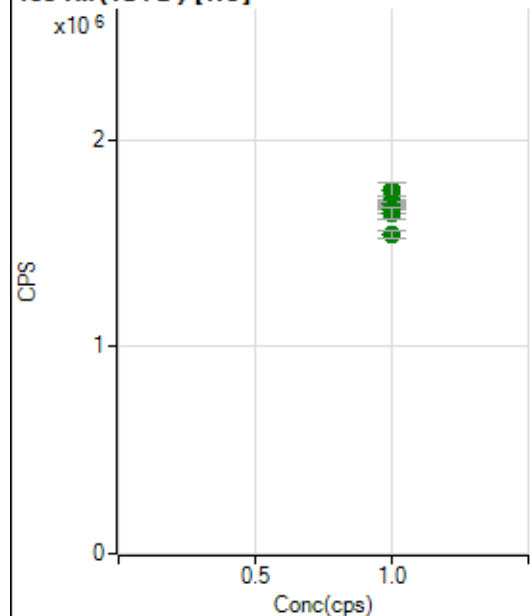
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5563400.61		A	2.9
2	☐	1.000		5556865.61		A	1.5
3	☐	1.000		5669056.10		A	2.1
4	☐	1.000		5707207.83		A	1.6
5	☐	1.000		5747815.40		A	1.3
6	☐	1.000		5833465.96		A	3.0
7	☐	1.000		5754246.34		A	9.2
8	☐	1.000		5819118.80		A	1.9

89 Y (ISTD) [He]

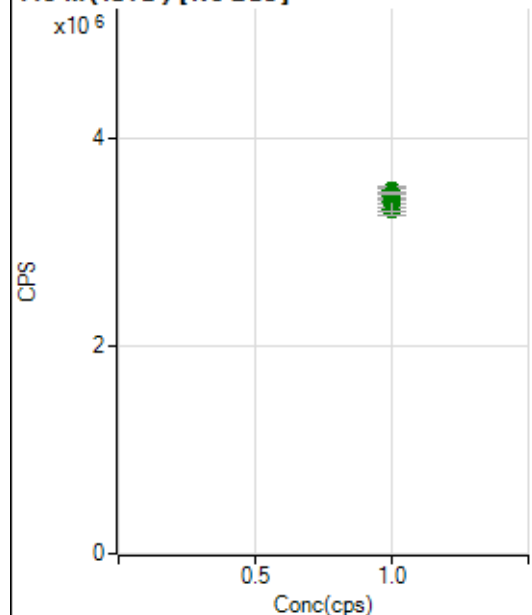
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		659479.48		P	0.5
2	☐	1.000		665694.92		P	0.5
3	☐	1.000		679847.42		P	5.2
4	☐	1.000		661282.25		P	1.0
5	☐	1.000		660753.31		P	1.1
6	☐	1.000		654357.82		P	0.8
7	☐	1.000		654936.81		P	0.8
8	☐	1.000		639976.63		P	1.2

103 Rh (ISTD) [No Gas]

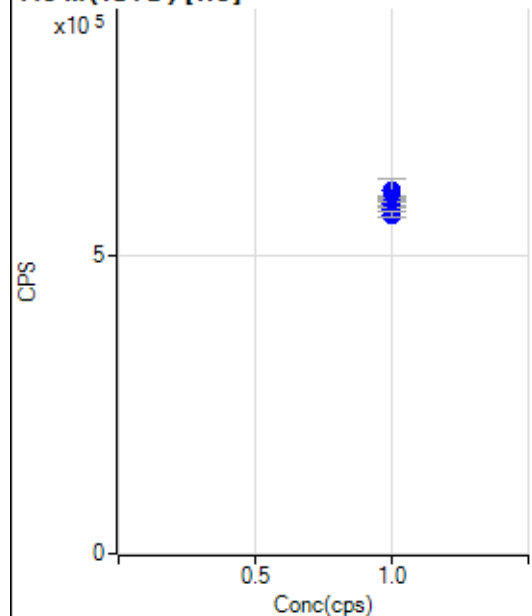
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3314622.62		A	2.3
2	☐	1.000		3194418.80		A	2.4
3	☐	1.000		3342458.56		A	0.6
4	☐	1.000		3314394.47		A	1.8
5	☐	1.000		3300667.61		A	0.7
6	☐	1.000		3347113.99		A	2.0
7	☐	1.000		3275541.69		A	6.9
8	☐	1.000		3211774.18		A	1.1

103 Rh (ISTD) [He]

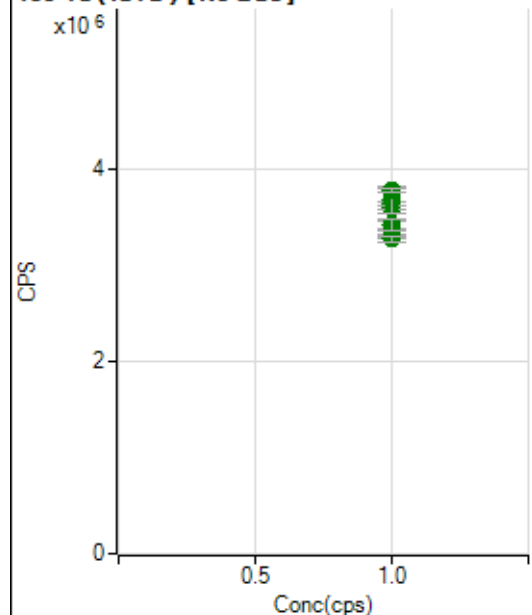
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1679340.76		A	1.8
2	☐	1.000		1713172.27		A	1.6
3	☐	1.000		1754912.02		A	5.0
4	☐	1.000		1679017.93		A	0.6
5	☐	1.000		1694874.94		A	1.3
6	☐	1.000		1661251.69		A	1.5
7	☐	1.000		1646004.80		A	3.0
8	☐	1.000		1542330.91		A	2.0

115 In (ISTD) [No Gas]

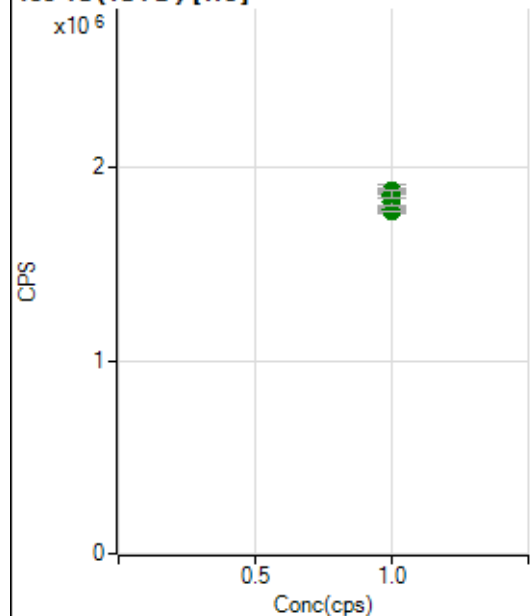
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3325974.00		A	3.3
2	☐	1.000		3324876.78		A	0.9
3	☐	1.000		3313814.80		A	1.0
4	☐	1.000		3400933.71		A	1.3
5	☐	1.000		3498605.68		A	2.0
6	☐	1.000		3445005.16		A	1.6
7	☐	1.000		3395109.82		A	7.6
8	☐	1.000		3472401.68		A	0.8

115 In (ISTD) [He]

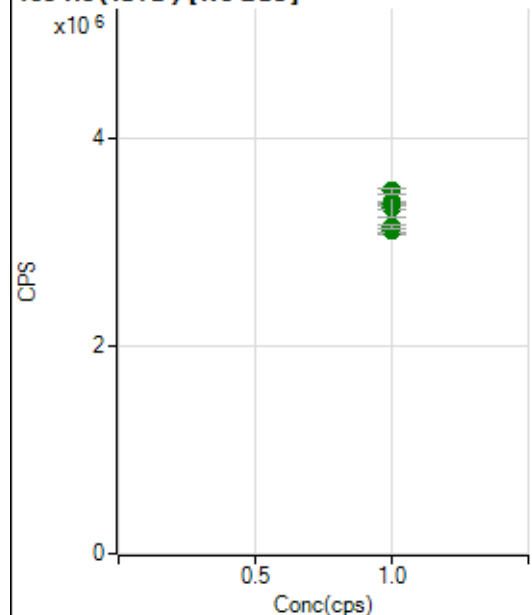
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		592567.61		P	0.3
2	☐	1.000		596476.88		P	0.4
3	☐	1.000		607260.89		P	6.3
4	☐	1.000		594239.52		P	0.4
5	☐	1.000		593019.88		P	0.5
6	☐	1.000		584908.10		P	1.0
7	☐	1.000		575822.04		P	1.2
8	☐	1.000		568079.10		P	1.7

159 Tb (ISTD) [No Gas]

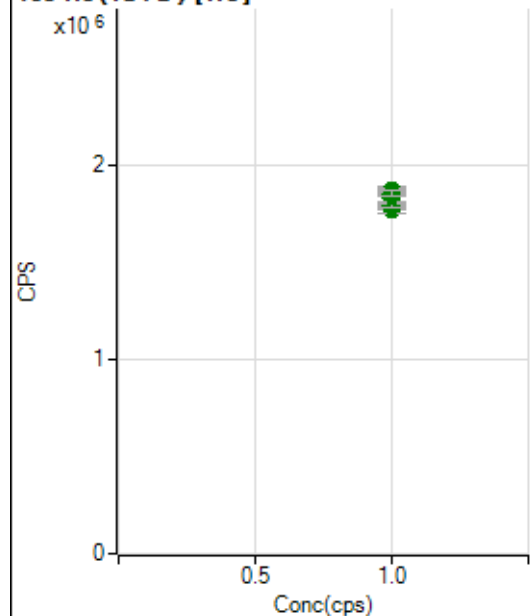
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3301734.85		A	1.4
2	☐	1.000		3272245.37		A	1.6
3	☐	1.000		3407024.01		A	2.4
4	☐	1.000		3420296.96		A	3.5
5	☐	1.000		3603181.02		A	1.1
6	☐	1.000		3634326.58		A	0.9
7	☐	1.000		3681096.19		A	7.5
8	☐	1.000		3768222.79		A	1.2

159 Tb (ISTD) [He]

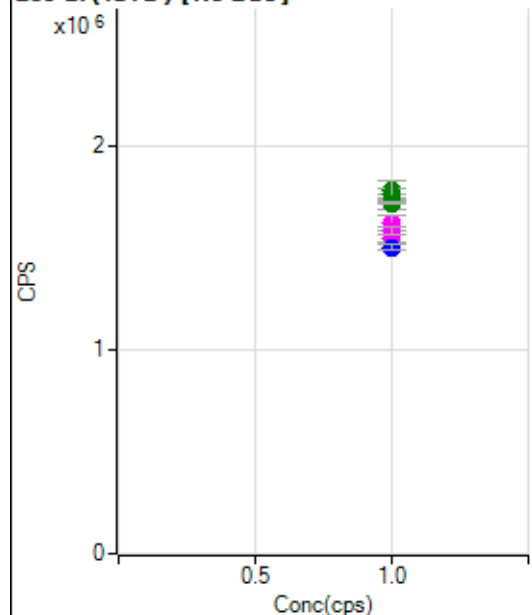
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1770864.89		A	0.9
2	☐	1.000		1781659.16		A	1.4
3	☐	1.000		1856162.16		A	6.2
4	☐	1.000		1855767.35		A	1.2
5	☐	1.000		1854388.16		A	1.4
6	☐	1.000		1825014.80		A	2.3
7	☐	1.000		1878230.02		A	1.7
8	☐	1.000		1865557.42		A	2.1

165 Ho (ISTD) [No Gas]

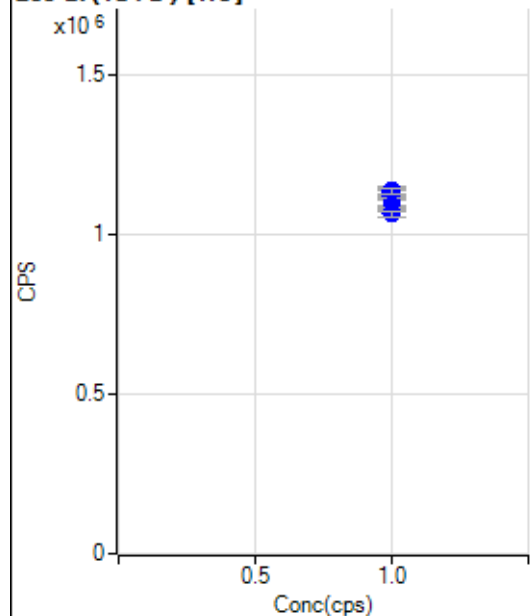
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3126164.76		A	3.3
2	☐	1.000		3117585.14		A	1.6
3	☐	1.000		3135775.37		A	2.3
4	☐	1.000		3154472.16		A	1.3
5	☐	1.000		3345214.25		A	1.2
6	☐	1.000		3389927.20		A	0.4
7	☐	1.000		3382613.73		A	8.1
8	☐	1.000		3501565.23		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1793785.36		A	2.3
2	☐	1.000		1771823.21		A	2.1
3	☐	1.000		1834593.83		A	6.3
4	☐	1.000		1796844.77		A	0.8
5	☐	1.000		1841965.10		A	2.9
6	☐	1.000		1865474.45		A	1.0
7	☐	1.000		1871728.48		A	1.0
8	☐	1.000		1859628.29		A	1.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1545123.07		M	2.2
2	☐	1.000		1502902.77		P	2.0
3	☐	1.000		1619002.93		M	4.6
4	☐	1.000		1582275.50		M	2.9
5	☐	1.000		1741926.43		A	0.5
6	☐	1.000		1777814.49		A	1.3
7	☐	1.000		1759994.16		A	7.9
8	☐	1.000		1718509.99		A	0.2

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1086015.29		P	0.8
2	☐	1.000		1080054.61		P	1.1
3	☐	1.000		1114095.06		P	6.6
4	☐	1.000		1117950.48		P	1.5
5	☐	1.000		1132193.72		P	1.7
6	☐	1.000		1121834.24		P	1.4
7	☐	1.000		1136909.63		P	1.9
8	☐	1.000		1064888.19		P	2.0

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8020322 MS.b
Acq. Date-Time 2022-02-03 09:34:39
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		3949	39492.60			0.954	5.000
24		43362	433619.76			0.784	5.000
25		5892	58920.42			0.492	5.000
26		7021	70205.78			0.887	5.000
59		10248	102479.83			1.271	5.000
113		3811	38109.86			1.396	5.000
115		15278	152778.43			0.801	5.000
206		3829	38291.81			1.854	5.000
207		3149	31490.85			1.759	5.000
208		7682	76820.72			1.882	5.000
220		2	17.00			10.807	

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

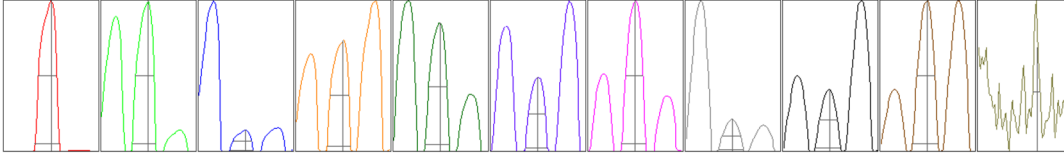
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	3994	3947	3903	3923	3979
24	43569	42824	43582	43223	43612
25	5902	5848	5882	5926	5901
26	7102	6944	6989	7005	7062
59	10350	10034	10348	10281	10227
113	3867	3736	3782	3819	3852
115	15398	15151	15418	15188	15235
206	3814	3735	3827	3836	3934
207	3156	3081	3136	3138	3235
208	7712	7514	7583	7709	7892

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	7242.24	9.05	8.90 - 9.10	
24	78449.16	24.00	23.90 - 24.10	
25	10663.52	25.00	24.90 - 25.10	
26	12061.09	26.00	25.90 - 26.10	
59	18686.50	59.00	58.90 - 59.10	
113	7402.91	113.00	112.90 - 113.10	
115	29273.28	115.00	114.90 - 115.10	
206	7058.43	206.00	205.90 - 206.10	
207	5779.86	207.00	206.90 - 207.10	
208	14121.25	208.00	207.90 - 208.10	
220	2.20	220.40	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.58	0.770	0.900	
24	0.60	0.739	0.900	
25	0.59	0.741	0.900	
26	0.62	0.740	0.900	
59	0.57	0.776	0.900	
113	0.54	0.691	0.900	
115	0.54	0.764	0.900	
206	0.57	0.788	0.900	
207	0.57	0.819	0.900	
208	0.57	0.816	0.900	
220	0.25			

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	7.5 V	Deflect	15.6 V
Extract 2	-165.0 V	Cell Entrance	-30 V	Plate Bias	-50 V
Omega Bias	-80 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	180 V		

QP Parameters

Mass Gain	122	Axis Gain	0.9992	QP Bias	-4.0 V
Mass Offset	126	Axis Offset	-0.02		

Hardware Settings

Torch

Torch H	0.8 mm	Torch V	-0.9 mm
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EM

Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		2382	23815.41			3.086	
89		8907	89065.80			3.863	
205		12997	129968.87			3.942	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	2455	2402	2259	2407	2385
89	9165	9108	8318	9047	8894
205	13493	13226	12137	13100	13028

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	7.5 V	Deflect	4.4 V
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US EPA Tune Check Report

Extract 2	-165.0 V	Cell Entrance	-50 V	Plate Bias	-60 V
Omega Bias	-80 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	122	Axis Gain	0.9992	QP Bias	-13.0 V
Mass Offset	126	Axis Offset	-0.02		
Hardware Settings					
Torch					
Torch H	0.8 mm	Torch V	-0.9 mm		
EM					
Discriminator	4.1 mV	Analog HV	2291 V	Pulse HV	1613 V

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 09:37:41	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2						ppb
Antimony	121-1						ppb
Arsenic	75-2						ppb
Barium	135-1						ppb
Barium	137-1						ppb
Beryllium	9-1						ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1						ppb
Boron	11-1						ppb
Bromine	81-1						cps
Cadmium	111-1						ppb
Cadmium	106-1						ppb
Cadmium	108-1						ppb
Calcium	43-1						ppb
Calcium	44-1						ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2						ppb
Cobalt	59-2						ppb
Copper	63-2						ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 09:37:41	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1						ppb
Lead	207-1						ppb
Lead	208-1						ppb
Lithium	6-1				101		%
Magnesium	24-2						ppb
Manganese	55-2						ppb
Molybdenum	94-1						ppb
Molybdenum	95-1						ppb
Molybdenum	96-1						ppb
Molybdenum	97-1						ppb
Molybdenum	98-1						ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2						ppb
Phosphorus	31-2						ppb
Potassium	39-2						ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				104		%
Selenium	82-1						ppb
Selenium	77-2						ppb
Selenium	78-2						ppb
Silicon	28-1						ppb
Silver	107-1						ppb
Silver	109-1						ppb
Sodium	23-2						ppb
Strontium	86-1						ppb
Strontium	88-1						ppb
Sulfur	34-1						ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 09:37:41	DataFile Name :	001SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1						ppb
Uranium	238-1						ppb
Vanadium	51-2						ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.25	-0.27	0.53	0.00	N/A	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.11	-0.11	-0.01	0.00	N/A	ppb
Boron	11-1	0.07	-0.03	-0.03	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.27	0.76	-0.49	0.00	N/A	ppb
Cadmium	108-1	0.11	-0.14	0.03	0.00	N/A	ppb
Calcium	43-1	-0.61	-0.91	1.52	0.00	N/A	ppb
Calcium	44-1	0.79	-1.89	1.10	0.00	N/A	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.04	-0.02	-0.02	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.03	-0.04	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	0.74	0.37	-1.11	0.00	N/A	ppb
Iron	56-2	0.04	-0.21	0.17	0.00	N/A	ppb
Iron	57-2	-1.28	0.09	1.19	0.00	N/A	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.04	-0.05	0.00	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.19	-0.37	0.18	0.00	N/A	ppb
Manganese	55-2	0.05	-0.06	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.01	0.00	N/A	ppb
Phosphorus	31-2	7.65	-26.35	-2.87	-7.19		ppb
Potassium	39-2	-1.62	3.52	-1.90	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	1.00	-0.68	-0.32	0.00	N/A	ppb
Selenium	77-2	1.66	-1.66	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.55	0.56	0.00	N/A	ppb
Silicon	28-1	0.17	-0.30	0.13	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.84	0.72	0.12	0.00	N/A	ppb
Strontium	86-1	-0.03	-0.03	0.07	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	597.12	-4.16	225.11	272.69	111.28	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.02	0.01	0.00	N/A	ppb
Thallium	205-1	-0.01	0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.04	0.06	-0.10	0.00	N/A	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.00	0.00	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	0.01	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	0.04	-0.09	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.00	0.00	N/A	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.19	17.45	18.30	17.65	3.30	ppb
Antimony	121-1	1.95	1.97	1.88	1.93	2.43	ppb
Arsenic	75-2	0.92	1.20	0.99	1.04	14.02	ppb
Barium	135-1	8.71	9.13	9.09	8.98	2.58	ppb
Barium	137-1	8.79	9.07	9.12	8.99	2.02	ppb
Beryllium	9-1	0.96	0.95	1.07	0.99	6.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	6.58	8.59	7.59	7.58	13.24	ppb
Boron	11-1	7.15	7.94	8.43	7.84	8.21	ppb
Bromine	81-1						cps
Cadmium	111-1	0.95	0.94	1.01	0.97	3.88	ppb
Cadmium	106-1	1.19	0.94	1.99	1.37	39.85	ppb
Cadmium	108-1	0.60	1.26	1.47	1.11	41.05	ppb
Calcium	43-1	454.07	468.89	465.87	462.95	1.69	ppb
Calcium	44-1	439.38	445.81	451.57	445.58	1.37	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.88	1.78	1.99	1.89	5.53	ppb
Cobalt	59-2	1.03	0.91	0.88	0.94	8.43	ppb
Copper	63-2	1.88	1.98	1.93	1.93	2.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	54-2	43.84	45.38	44.65	44.62	1.72	ppb
Iron	56-2	47.36	46.44	46.35	46.72	1.20	ppb
Iron	57-2	44.74	45.49	48.13	46.12	3.87	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.89	0.90	0.95	0.91	3.03	ppb
Lead	207-1	0.92	0.93	0.86	0.90	4.36	ppb
Lead	208-1	0.89	0.98	0.88	0.92	5.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	474.20	452.80	462.33	463.11	2.32	ppb
Manganese	55-2	1.05	1.00	1.03	1.03	2.30	ppb
Molybdenum	94-1	5.71	5.70	5.81	5.74	1.07	ppb
Molybdenum	95-1	4.77	4.58	4.47	4.61	3.32	ppb
Molybdenum	96-1	4.82	4.66	4.85	4.78	2.16	ppb
Molybdenum	97-1	4.85	4.91	4.86	4.88	0.65	ppb
Molybdenum	98-1	4.69	4.51	4.81	4.67	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.02	0.98	0.98	3.72	ppb
Phosphorus	31-2	18.28	-9.83	13.11	7.19	208.13	ppb
Potassium	39-2	456.50	425.64	454.65	445.60	3.88	ppb
Rhodium	103-1				96		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	82-1	5.60	4.50	5.06	5.06	10.88	ppb
Selenium	77-2	3.29	6.50	-1.66	2.71	151.69	ppb
Selenium	78-2	5.93	3.90	6.65	5.49	25.96	ppb
Silicon	28-1	0.42	0.49	0.73	0.55	29.50	ppb
Silver	107-1	0.97	0.96	1.04	0.99	4.41	ppb
Silver	109-1	0.88	0.94	0.98	0.93	5.71	ppb
Sodium	23-2	454.31	444.45	452.97	450.58	1.19	ppb
Strontium	86-1	0.83	0.85	0.71	0.80	9.17	ppb
Strontium	88-1	0.89	0.92	0.90	0.90	1.75	ppb
Sulfur	34-1	-249.15	-521.94	-46.98	-272.69		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.90	1.01	0.83	0.92	9.60	ppb
Thallium	205-1	0.88	0.95	0.92	0.92	3.97	ppb
Tin	118-1	4.64	4.91	4.83	4.79	2.87	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	4.13	4.74	5.04	4.64	10.01	ppb
Uranium	238-1	0.93	0.92	0.97	0.94	2.91	ppb
Vanadium	51-2	4.60	4.65	4.52	4.59	1.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	2.73	2.38	2.59	2.57	6.98	ppb
Zirconium	90-1	0.84	0.81	0.80	0.82	2.70	ppb
Zirconium	91-1	0.94	0.97	0.87	0.93	5.78	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1016.11	918.72	1043.92	992.92	6.62	ppb
Antimony	121-1	48.80	50.66	49.50	49.65	1.89	ppb
Arsenic	75-2	52.36	48.43	52.27	51.02	4.39	ppb
Barium	135-1	241.04	249.16	239.34	243.18	2.16	ppb
Barium	137-1	234.71	249.94	250.28	244.98	3.63	ppb
Beryllium	9-1	50.79	50.87	50.48	50.71	0.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	40.44	43.89	46.03	43.46	6.49	ppb
Boron	11-1	41.99	46.66	47.00	45.22	6.19	ppb
Bromine	81-1						cps
Cadmium	111-1	50.54	52.26	52.95	51.92	2.39	ppb
Cadmium	106-1	46.63	51.86	51.74	50.08	5.96	ppb
Cadmium	108-1	51.11	50.97	49.15	50.41	2.17	ppb
Calcium	43-1	5059.51	5042.87	5099.40	5067.26	0.57	ppb
Calcium	44-1	4919.87	4960.24	5008.69	4962.93	0.90	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	51.70	46.50	52.99	50.39	6.81	ppb
Cobalt	59-2	48.34	44.89	51.58	48.27	6.93	ppb
Copper	63-2	498.38	455.58	513.07	489.01	6.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	2499.37	2286.92	2669.16	2485.15	7.71	ppb
Iron	56-2	2690.76	2412.19	2720.75	2607.90	6.52	ppb
Iron	57-2	2457.65	2178.48	2615.69	2417.27	9.16	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	228.99	245.76	219.67	231.47	5.71	ppb
Lead	207-1	236.18	242.00	219.21	232.46	5.09	ppb
Lead	208-1	229.52	243.53	222.01	231.68	4.71	ppb
Lithium	6-1				103		%
Magnesium	24-2	5019.77	4629.78	5161.14	4936.90	5.57	ppb
Manganese	55-2	488.73	445.19	504.12	479.35	6.38	ppb
Molybdenum	94-1	540.73	536.11	525.46	534.10	1.47	ppb
Molybdenum	95-1	539.99	550.38	525.15	538.50	2.35	ppb
Molybdenum	96-1	528.12	546.65	509.15	527.97	3.55	ppb
Molybdenum	97-1	524.52	545.38	518.38	529.42	2.67	ppb
Molybdenum	98-1	533.42	559.83	527.32	540.19	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.39	45.60	52.25	49.74	7.27	ppb
Phosphorus	31-2	990.21	915.80	1037.74	981.25	6.26	ppb
Potassium	39-2	2491.59	2279.93	2607.80	2459.77	6.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	50.12	55.11	47.63	50.95	7.48	ppb
Selenium	77-2	42.28	45.41	79.01	55.57	36.66	ppb
Selenium	78-2	51.34	49.47	55.76	52.19	6.19	ppb
Silicon	28-1	52.03	52.81	52.17	52.34	0.79	ppb
Silver	107-1	49.69	51.30	49.89	50.30	1.74	ppb
Silver	109-1	49.00	50.98	49.21	49.73	2.18	ppb
Sodium	23-2	4969.97	4572.00	5190.66	4910.88	6.38	ppb
Strontium	86-1	476.89	497.48	472.16	482.18	2.79	ppb
Strontium	88-1	482.84	498.71	487.64	489.73	1.66	ppb
Sulfur	34-1	-243.06	-186.43	-207.15	-212.22		ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	47.64	49.27	46.28	47.73	3.13	ppb
Thallium	205-1	47.70	49.40	44.69	47.26	5.04	ppb
Tin	118-1	49.22	51.59	49.65	50.15	2.51	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	547.54	552.30	553.45	551.09	0.57	ppb
Uranium	238-1	44.33	46.82	44.26	45.13	3.23	ppb
Vanadium	51-2	49.99	46.08	52.70	49.59	6.71	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	496.45	455.11	517.95	489.83	6.52	ppb
Zirconium	90-1	47.21	49.60	46.52	47.78	3.38	ppb
Zirconium	91-1	47.17	49.07	47.01	47.75	2.39	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:26:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2540.50	2525.75	2561.70	2542.65	0.71	ppb
Antimony	121-1	124.51	126.50	119.29	123.43	3.02	ppb
Arsenic	75-2	128.11	129.79	130.42	129.44	0.92	ppb
Barium	135-1	604.49	618.92	594.91	606.11	1.99	ppb
Barium	137-1	607.78	646.65	599.97	618.13	4.05	ppb
Beryllium	9-1	130.92	127.67	128.94	129.18	1.27	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	108.24	115.25	123.78	115.76	6.72	ppb
Boron	11-1	114.25	121.08	127.64	120.99	5.53	ppb
Bromine	81-1						cps
Cadmium	111-1	129.35	134.73	125.47	129.85	3.58	ppb
Cadmium	106-1	125.76	141.85	122.31	129.97	8.02	ppb
Cadmium	108-1	130.12	136.44	125.34	130.63	4.26	ppb
Calcium	43-1	12705.21	12616.24	12577.00	12632.82	0.52	ppb
Calcium	44-1	12944.78	12890.33	12544.48	12793.20	1.70	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	126.81	127.72	128.36	127.63	0.61	ppb
Cobalt	59-2	120.77	122.77	120.98	121.50	0.91	ppb
Copper	63-2	1313.91	1292.07	1309.31	1305.10	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	6379.20	6317.64	6352.23	6349.69	0.49	ppb
Iron	56-2	6517.77	6653.25	6519.26	6563.42	1.19	ppb
Iron	57-2	6118.36	6100.49	6048.27	6089.04	0.60	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:26:32	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	578.05	610.16	581.40	589.87	2.99	ppb
Lead	207-1	575.47	608.71	593.04	592.41	2.81	ppb
Lead	208-1	616.68	632.32	605.82	618.27	2.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	13302.73	13256.88	12940.72	13166.77	1.50	ppb
Manganese	55-2	1222.24	1219.05	1219.74	1220.34	0.14	ppb
Molybdenum	94-1	1337.52	1372.65	1311.46	1340.54	2.29	ppb
Molybdenum	95-1	1367.78	1386.03	1317.70	1357.17	2.61	ppb
Molybdenum	96-1	1394.54	1397.71	1330.62	1374.29	2.75	ppb
Molybdenum	97-1	1371.81	1408.40	1319.09	1366.43	3.29	ppb
Molybdenum	98-1	1378.32	1370.64	1313.56	1354.17	2.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	128.75	125.79	128.76	127.77	1.34	ppb
Phosphorus	31-2	2690.63	2393.23	2677.25	2587.04	6.49	ppb
Potassium	39-2	6293.20	6338.51	6353.85	6328.52	0.50	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	82-1	127.92	127.40	127.27	127.53	0.27	ppb
Selenium	77-2	137.20	138.73	123.43	133.12	6.33	ppb
Selenium	78-2	122.13	140.39	124.07	128.86	7.78	ppb
Silicon	28-1	131.04	130.83	125.56	129.14	2.40	ppb
Silver	107-1	126.40	131.16	119.83	125.80	4.52	ppb
Silver	109-1	122.94	126.31	120.82	123.36	2.24	ppb
Sodium	23-2	13337.80	12806.16	13278.09	13140.69	2.22	ppb
Strontium	86-1	1299.16	1217.15	1224.86	1247.06	3.63	ppb
Strontium	88-1	1214.77	1197.63	1213.60	1208.67	0.79	ppb
Sulfur	34-1	1498.17	1448.61	1243.26	1396.68	9.68	ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	117.57	121.46	119.99	119.67	1.64	ppb
Thallium	205-1	120.18	122.22	119.32	120.57	1.24	ppb
Tin	118-1	120.76	125.75	120.85	122.45	2.33	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:26:32	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1339.52	1355.65	1338.77	1344.65	0.71	ppb
Uranium	238-1	114.61	122.04	114.51	117.06	3.69	ppb
Vanadium	51-2	126.91	125.86	127.49	126.75	0.65	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	1228.47	1253.32	1238.45	1240.08	1.01	ppb
Zirconium	90-1	120.59	119.15	119.58	119.77	0.62	ppb
Zirconium	91-1	119.43	119.15	115.73	118.10	1.75	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4987.45	5015.86	5088.45	5030.59	1.04	ppb
Antimony	121-1	238.96	245.04	241.01	241.67	1.28	ppb
Arsenic	75-2	251.66	253.10	253.85	252.87	0.44	ppb
Barium	135-1	1152.47	1225.29	1179.55	1185.77	3.10	ppb
Barium	137-1	1225.62	1224.96	1244.46	1231.68	0.90	ppb
Beryllium	9-1	243.00	251.25	253.37	249.21	2.20	ppb
Bismuth	209-1				113		%
Bismuth	209-2				104		%
Boron	10-1	210.43	241.12	248.00	233.19	8.58	ppb
Boron	11-1	218.65	251.39	256.23	242.09	8.44	ppb
Bromine	81-1						cps
Cadmium	111-1	246.08	253.54	248.68	249.43	1.52	ppb
Cadmium	106-1	250.95	251.29	251.65	251.30	0.14	ppb
Cadmium	108-1	253.96	248.77	249.10	250.61	1.16	ppb
Calcium	43-1	26282.85	26355.13	26477.08	26371.69	0.37	ppb
Calcium	44-1	26113.68	26229.87	26263.30	26202.28	0.30	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	248.52	253.90	254.11	252.18	1.26	ppb
Cobalt	59-2	241.51	242.17	243.81	242.50	0.49	ppb
Copper	63-2	2505.05	2579.27	2614.34	2566.22	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	12591.90	12449.85	12696.95	12579.57	0.99	ppb
Iron	56-2	13029.42	13051.03	12973.90	13018.12	0.31	ppb
Iron	57-2	12146.57	12221.42	12055.46	12141.15	0.68	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1234.06	1198.74	1265.36	1232.72	2.70	ppb
Lead	207-1	1198.14	1173.56	1257.73	1209.81	3.58	ppb
Lead	208-1	1194.12	1199.67	1243.03	1212.27	2.21	ppb
Lithium	6-1				107		%
Magnesium	24-2	26079.03	26153.41	26889.21	26373.88	1.70	ppb
Manganese	55-2	2537.60	2563.69	2533.76	2545.02	0.64	ppb
Molybdenum	94-1	2759.40	2720.88	2743.15	2741.14	0.71	ppb
Molybdenum	95-1	2718.64	2663.85	2743.41	2708.63	1.50	ppb
Molybdenum	96-1	2786.39	2677.67	2726.75	2730.27	1.99	ppb
Molybdenum	97-1	2793.49	2685.76	2748.08	2742.44	1.97	ppb
Molybdenum	98-1	2769.34	2632.47	2687.35	2696.39	2.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	251.17	255.00	258.59	254.92	1.46	ppb
Phosphorus	31-2	5362.73	4921.42	5503.10	5262.42	5.77	ppb
Potassium	39-2	12220.18	12377.96	12455.21	12351.12	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	82-1	253.24	248.58	254.60	252.14	1.25	ppb
Selenium	77-2	259.47	270.70	264.64	264.94	2.12	ppb
Selenium	78-2	244.92	249.29	265.92	253.38	4.37	ppb
Silicon	28-1	257.14	260.66	257.26	258.35	0.77	ppb
Silver	107-1	243.38	244.40	241.35	243.04	0.64	ppb
Silver	109-1	241.96	249.55	237.80	243.10	2.45	ppb
Sodium	23-2	25520.04	25678.10	26119.26	25772.47	1.20	ppb
Strontium	86-1	2506.40	2486.27	2411.87	2468.18	2.02	ppb
Strontium	88-1	2412.01	2484.70	2369.52	2422.08	2.40	ppb
Sulfur	34-1	3523.70	3665.69	3609.43	3599.60	1.99	ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	225.51	227.75	229.36	227.54	0.85	ppb
Thallium	205-1	221.18	224.95	234.33	226.82	2.98	ppb
Tin	118-1	243.51	250.21	236.08	243.26	2.91	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2817.22	2806.12	2788.19	2803.84	0.52	ppb
Uranium	238-1	225.68	232.31	227.16	228.38	1.52	ppb
Vanadium	51-2	247.29	249.89	253.67	250.28	1.28	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	2413.69	2442.39	2477.39	2444.49	1.31	ppb
Zirconium	90-1	246.92	251.83	248.41	249.06	1.01	ppb
Zirconium	91-1	236.31	237.79	240.08	238.06	0.80	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10081.55	10096.78	9927.94	10035.42	0.93	ppb
Antimony	121-1	479.86	474.77	501.85	485.49	2.96	ppb
Arsenic	75-2	502.78	501.24	494.74	499.59	0.85	ppb
Barium	135-1	2497.46	2489.38	2488.25	2491.70	0.20	ppb
Barium	137-1	2510.05	2463.58	2519.64	2497.76	1.20	ppb
Beryllium	9-1	496.25	485.92	487.71	489.96	1.13	ppb
Bismuth	209-1				115		%
Bismuth	209-2				103		%
Boron	10-1	452.83	474.72	495.20	474.25	4.47	ppb
Boron	11-1	478.03	491.30	519.55	496.29	4.27	ppb
Bromine	81-1						cps
Cadmium	111-1	492.26	488.03	502.87	494.39	1.55	ppb
Cadmium	106-1	505.55	494.85	481.25	493.88	2.47	ppb
Cadmium	108-1	500.52	487.73	506.38	498.21	1.91	ppb
Calcium	43-1	51970.81	51371.33	50558.82	51300.32	1.38	ppb
Calcium	44-1	51775.54	51276.73	50094.77	51049.01	1.69	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	499.34	502.40	502.61	501.45	0.36	ppb
Cobalt	59-2	477.83	486.62	480.60	481.69	0.93	ppb
Copper	63-2	4994.32	4973.57	5033.07	5000.32	0.60	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				108		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	54-2	24899.26	25171.74	24808.20	24959.73	0.76	ppb
Iron	56-2	26166.00	26409.84	25882.05	26152.63	1.01	ppb
Iron	57-2	24056.55	24184.07	23917.31	24052.65	0.55	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2380.00	2459.01	2499.59	2446.20	2.49	ppb
Lead	207-1	2379.98	2414.82	2502.14	2432.31	2.59	ppb
Lead	208-1	2371.08	2435.59	2469.50	2425.39	2.06	ppb
Lithium	6-1				108		%
Magnesium	24-2	52319.25	52355.36	52289.42	52321.34	0.06	ppb
Manganese	55-2	4950.30	5043.29	4988.07	4993.88	0.94	ppb
Molybdenum	94-1	5229.33	5340.08	5488.50	5352.64	2.43	ppb
Molybdenum	95-1	5082.39	5401.55	5532.54	5338.83	4.34	ppb
Molybdenum	96-1	5145.02	5324.59	5548.49	5339.37	3.79	ppb
Molybdenum	97-1	5185.65	5351.98	5569.69	5369.11	3.59	ppb
Molybdenum	98-1	5003.10	5502.29	5432.14	5312.51	5.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.16	507.60	499.75	502.17	0.94	ppb
Phosphorus	31-2	10009.95	9832.54	9906.39	9916.29	0.90	ppb
Potassium	39-2	25829.91	25741.35	25009.24	25526.83	1.76	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				98		%
Selenium	82-1	476.60	496.18	505.95	492.91	3.03	ppb
Selenium	77-2	536.54	515.31	449.73	500.53	9.04	ppb
Selenium	78-2	483.78	502.97	491.74	492.83	1.96	ppb
Silicon	28-1	506.11	492.14	484.95	494.40	2.18	ppb
Silver	107-1	517.94	495.80	499.52	504.42	2.35	ppb
Silver	109-1	496.64	484.94	506.21	495.93	2.15	ppb
Sodium	23-2	51604.72	51792.36	51484.51	51627.19	0.30	ppb
Strontium	86-1	4711.11	4768.25	4807.75	4762.37	1.02	ppb
Strontium	88-1	4805.58	4830.31	4845.30	4827.06	0.42	ppb
Sulfur	34-1	9285.90	8679.16	8694.87	8886.65	3.89	ppb
Terbium	159-1				110		%
Terbium	159-2				103		%
Thallium	203-1	455.34	459.41	466.37	460.38	1.21	ppb
Thallium	205-1	486.63	492.45	483.03	487.37	0.98	ppb
Tin	118-1	489.35	482.55	470.83	480.91	1.95	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5390.38	5392.57	5380.80	5387.92	0.12	ppb
Uranium	238-1	466.06	463.13	482.68	470.62	2.24	ppb
Vanadium	51-2	504.01	499.49	498.31	500.60	0.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	4777.05	4863.61	4884.59	4841.75	1.18	ppb
Zirconium	90-1	479.53	489.41	491.54	486.83	1.32	ppb
Zirconium	91-1	463.41	471.52	475.17	470.04	1.28	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20084.57	20043.02	19756.33	19961.30	0.90	ppb
Antimony	121-1	978.75	960.08	1089.81	1009.55	6.95	ppb
Arsenic	75-2	1015.10	990.78	990.77	998.88	1.41	ppb
Barium	135-1	4892.84	4757.88	5418.02	5022.91	6.94	ppb
Barium	137-1	4829.45	4813.12	5377.87	5006.81	6.42	ppb
Beryllium	9-1	991.88	975.64	1046.47	1004.66	3.69	ppb
Bismuth	209-1				114		%
Bismuth	209-2				105		%
Boron	10-1	954.92	992.56	1109.50	1019.00	7.91	ppb
Boron	11-1	956.64	962.77	1095.58	1005.00	7.81	ppb
Bromine	81-1						cps
Cadmium	111-1	964.42	938.59	1103.73	1002.25	8.86	ppb
Cadmium	106-1	982.38	943.06	1080.88	1002.11	7.08	ppb
Cadmium	108-1	963.09	964.57	1072.40	1000.02	6.27	ppb
Calcium	43-1	106766.64	109127.65	119067.44	111653.91	5.85	ppb
Calcium	44-1	103032.18	103646.55	114900.08	107192.93	6.23	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1007.68	993.74	993.72	998.38	0.81	ppb
Cobalt	59-2	1016.85	1017.69	1000.12	1011.56	0.98	ppb
Copper	63-2	9982.64	9951.52	9996.67	9976.95	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	53507.76	53237.82	53392.60	53379.39	0.25	ppb
Iron	56-2	51309.53	52361.25	51313.93	51661.57	1.17	ppb
Iron	57-2	47637.22	48010.66	47883.53	47843.80	0.40	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4760.00	4700.97	5648.64	5036.54	10.54	ppb
Lead	207-1	4828.40	4602.06	5716.06	5048.84	11.66	ppb
Lead	208-1	4795.68	4683.16	5666.65	5048.49	10.66	ppb
Lithium	6-1				106		%
Magnesium	24-2	103664.11	105275.62	101779.77	103573.17	1.69	ppb
Manganese	55-2	10066.44	10157.18	9766.01	9996.54	2.05	ppb
Molybdenum	94-1	10601.48	10522.24	12119.27	11081.00	8.12	ppb
Molybdenum	95-1	10764.62	10290.67	12225.90	11093.73	9.09	ppb
Molybdenum	96-1	10627.91	10323.93	12307.48	11086.44	9.64	ppb
Molybdenum	97-1	10592.66	10344.29	12271.35	11069.44	9.47	ppb
Molybdenum	98-1	10448.23	10385.91	12496.59	11110.24	10.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1007.22	990.55	994.28	997.35	0.88	ppb
Phosphorus	31-2	20342.49	19648.96	19907.47	19966.31	1.76	ppb
Potassium	39-2	51215.69	51409.41	49827.21	50817.44	1.70	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				98		%
Selenium	82-1	960.02	943.01	1104.91	1002.65	8.87	ppb
Selenium	77-2	1007.87	995.02	981.28	994.72	1.34	ppb
Selenium	78-2	995.68	1011.76	998.99	1002.15	0.85	ppb
Silicon	28-1	971.93	953.68	1074.90	1000.17	6.54	ppb
Silver	107-1	992.01	949.51	1056.73	999.42	5.40	ppb
Silver	109-1	985.11	952.97	1073.85	1003.98	6.24	ppb
Sodium	23-2	103345.05	103025.25	100925.20	102431.83	1.28	ppb
Strontium	86-1	9810.37	9500.08	11073.64	10128.03	8.23	ppb
Strontium	88-1	9789.16	9578.21	10967.52	10111.63	7.40	ppb
Sulfur	34-1	19664.94	19097.67	24553.29	21105.30	14.21	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	987.08	963.75	1127.79	1026.21	8.65	ppb
Thallium	205-1	973.74	953.28	1111.38	1012.80	8.49	ppb
Tin	118-1	984.89	950.52	1099.22	1011.54	7.70	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10635.04	10505.24	11998.68	11046.32	7.49	ppb
Uranium	238-1	961.70	951.75	1150.55	1021.33	10.97	ppb
Vanadium	51-2	997.10	1004.35	996.85	999.43	0.43	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				99		%
Zinc	66-2	10154.58	10131.94	9997.73	10094.75	0.84	ppb
Zirconium	90-1	954.90	965.43	1102.43	1007.59	8.17	ppb
Zirconium	91-1	982.86	966.73	1107.23	1018.94	7.55	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101380.54	100296.20	98328.28	100001.67	1.55	ppb
Antimony	121-1	1.10	1.08	1.10	1.09	1.32	ppb
Arsenic	75-2	0.65	0.60	0.76	0.67	12.64	ppb
Barium	135-1	3.48	3.16	3.48	3.37	5.55	ppb
Barium	137-1	4.44	3.44	3.81	3.90	13.11	ppb
Beryllium	9-1	0.82	0.68	0.87	0.79	12.05	ppb
Bismuth	209-1				111		%
Bismuth	209-2				98		%
Boron	10-1	145.61	134.93	123.88	134.81	8.06	ppb
Boron	11-1	146.77	139.74	130.11	138.88	6.02	ppb
Bromine	81-1						cps
Cadmium	111-1	0.50	0.37	0.61	0.49	24.18	ppb
Cadmium	106-1	-3.27	-3.74	-1.80	-2.93		ppb
Cadmium	108-1	0.63	0.94	0.77	0.78	19.89	ppb
Calcium	43-1	501019.86	508963.92	482416.16	497466.65	2.74	ppb
Calcium	44-1	491456.01	513994.85	489717.62	498389.49	2.72	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.37	2.65	2.83	2.62	8.77	ppb
Cobalt	59-2	2.43	2.77	2.87	2.69	8.57	ppb
Copper	63-2	5.11	6.41	7.19	6.23	16.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	250784.14	246414.28	250767.06	249321.83	1.01	ppb
Iron	56-2	248474.26	251283.05	248795.50	249517.60	0.62	ppb
Iron	57-2	248635.96	252857.88	250152.46	250548.77	0.85	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.42	3.90	4.44	4.25	7.30	ppb
Lead	207-1	4.33	4.03	4.55	4.31	6.01	ppb
Lead	208-1	4.32	3.93	4.57	4.27	7.58	ppb
Lithium	6-1				104		%
Magnesium	24-2	500909.68	502603.35	493392.58	498968.54	0.98	ppb
Manganese	55-2	7.37	8.69	8.22	8.09	8.23	ppb
Molybdenum	94-1	7.48	6.35	11.07	8.30	29.71	ppb
Molybdenum	95-1	6.95	5.54	8.95	7.15	23.93	ppb
Molybdenum	96-1	8.88	8.17	10.91	9.32	15.24	ppb
Molybdenum	97-1	6.76	5.93	7.65	6.78	12.75	ppb
Molybdenum	98-1	6.75	5.59	7.58	6.64	15.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.73	3.12	3.13	2.99	7.67	ppb
Phosphorus	31-2	-4.69	13.07	13.32	7.23	142.77	ppb
Potassium	39-2	250455.18	251555.93	247358.35	249789.82	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				92		%
Scandium	45-1				106		%
Scandium	45-2				94		%
Selenium	82-1	2.40	2.61	2.56	2.52	4.34	ppb
Selenium	77-2	0.06	1.71	5.19	2.32	112.87	ppb
Selenium	78-2	-2.86	-0.87	-0.98	-1.57		ppb
Silicon	28-1	8.50	9.28	8.37	8.71	5.64	ppb
Silver	107-1	0.56	0.51	0.44	0.51	11.41	ppb
Silver	109-1	0.66	0.50	0.48	0.54	18.34	ppb
Sodium	23-2	506727.53	496657.56	494506.55	499297.21	1.31	ppb
Strontium	86-1	10.32	8.71	13.03	10.69	20.46	ppb
Strontium	88-1	10.74	9.01	12.51	10.75	16.27	ppb
Sulfur	34-1	-3020.99	-2456.04	-2720.65	-2732.56		ppb
Terbium	159-1				114		%
Terbium	159-2				105		%
Thallium	203-1	0.79	0.51	0.77	0.69	22.45	ppb
Thallium	205-1	0.62	0.62	0.60	0.61	2.07	ppb
Tin	118-1	1.07	0.94	1.13	1.05	9.36	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	6.95	4.75	6.52	6.07	19.24	ppb
Uranium	238-1	0.57	0.43	0.56	0.52	15.37	ppb
Vanadium	51-2	0.55	0.64	0.83	0.67	21.16	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	12.46	13.74	13.27	13.16	4.92	ppb
Zirconium	90-1	0.82	0.80	0.98	0.87	11.44	ppb
Zirconium	91-1	0.83	0.73	0.96	0.84	13.49	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	495.37	485.03	491.55	490.65	1.07	ppb
Antimony	121-1	186.07	188.19	187.00	187.08	0.57	ppb
Arsenic	75-2	212.82	213.58	211.87	212.76	0.40	ppb
Barium	135-1	93.69	95.98	93.21	94.29	1.57	ppb
Barium	137-1	95.43	98.15	97.26	96.95	1.43	ppb
Beryllium	9-1	100.81	104.59	102.44	102.61	1.85	ppb
Bismuth	209-1				113		%
Bismuth	209-2				103		%
Boron	10-1	28.65	28.32	28.47	28.48	0.57	ppb
Boron	11-1	29.50	30.00	28.85	29.45	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	99.85	101.23	101.75	100.94	0.97	ppb
Cadmium	106-1	83.24	84.01	84.17	83.81	0.59	ppb
Cadmium	108-1	83.52	84.00	85.79	84.44	1.42	ppb
Calcium	43-1	1952.81	1989.75	2064.11	2002.22	2.83	ppb
Calcium	44-1	1915.24	1945.21	2007.17	1955.87	2.40	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	104.95	105.91	104.10	104.99	0.86	ppb
Cobalt	59-2	100.03	102.06	100.30	100.80	1.09	ppb
Copper	63-2	98.75	100.85	99.08	99.56	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	54-2	2036.88	2097.37	2074.68	2069.64	1.48	ppb
Iron	56-2	2200.10	2157.66	2161.61	2173.12	1.08	ppb
Iron	57-2	1946.03	1978.64	1982.26	1968.98	1.01	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	186.05	194.16	189.17	189.80	2.16	ppb
Lead	207-1	180.06	184.64	182.38	182.36	1.25	ppb
Lead	208-1	183.04	189.57	187.34	186.65	1.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	1158.82	1180.05	1188.21	1175.70	1.29	ppb
Manganese	55-2	97.55	97.58	98.02	97.72	0.27	ppb
Molybdenum	94-1	0.17	0.18	0.25	0.20	22.74	ppb
Molybdenum	95-1	0.25	0.17	0.20	0.21	18.36	ppb
Molybdenum	96-1	0.29	0.27	0.24	0.27	9.67	ppb
Molybdenum	97-1	0.27	0.20	0.20	0.22	17.27	ppb
Molybdenum	98-1	0.25	0.24	0.30	0.27	13.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.46	107.35	108.01	107.61	0.33	ppb
Phosphorus	31-2	-12.85	24.00	10.75	7.30	255.74	ppb
Potassium	39-2	1933.83	1949.07	1929.57	1937.49	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	206.88	209.36	214.90	210.38	1.95	ppb
Selenium	77-2	211.43	208.96	261.52	227.30	13.05	ppb
Selenium	78-2	202.95	224.08	228.15	218.39	6.19	ppb
Silicon	28-1	-0.43	-0.26	0.14	-0.18		ppb
Silver	107-1	46.87	46.80	47.50	47.06	0.82	ppb
Silver	109-1	45.91	48.39	47.46	47.25	2.66	ppb
Sodium	23-2	2009.75	2001.09	1981.75	1997.53	0.72	ppb
Strontium	86-1	0.34	0.21	0.54	0.36	44.55	ppb
Strontium	88-1	0.27	0.27	0.27	0.27	0.94	ppb
Sulfur	34-1	-1624.74	-1533.78	-894.66	-1351.06		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	192.47	198.10	189.54	193.37	2.25	ppb
Thallium	205-1	195.71	205.63	203.25	201.53	2.57	ppb
Tin	118-1	0.49	0.54	0.41	0.48	14.11	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.19	0.09	0.23	0.17	42.69	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.87	ppb
Vanadium	51-2	101.93	103.34	100.38	101.88	1.45	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	203.00	202.96	202.42	202.79	0.16	ppb
Zirconium	90-1	0.01	0.02	0.04	0.02	67.03	ppb
Zirconium	91-1	0.03	0.02	0.01	0.02	57.97	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:08:41	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.80	0.54	0.47	82.44	ppb
Antimony	121-1	0.03	0.14	0.04	0.07	87.18	ppb
Arsenic	75-2	0.03	-0.04	0.01	0.00		ppb
Barium	135-1	0.00	0.32	0.02	0.12	153.62	ppb
Barium	137-1	0.02	0.41	0.02	0.15	151.40	ppb
Beryllium	9-1	0.05	0.08	0.05	0.06	26.76	ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	21.26	20.48	19.60	20.45	4.06	ppb
Boron	11-1	21.88	21.57	21.05	21.50	1.95	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.09	0.09	-0.02	-0.01		ppb
Cadmium	106-1	-2.57	-2.27	-0.71	-1.85		ppb
Cadmium	108-1	0.25	-0.15	0.16	0.08	249.16	ppb
Calcium	43-1	-5.16	5.47	-4.89	-1.53		ppb
Calcium	44-1	-5.09	-1.23	-2.92	-3.08		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.03	-0.01	0.03	0.02	167.41	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	36.08	ppb
Copper	63-2	-0.01	0.04	0.08	0.04	114.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	-1.56	-2.64	-1.27	-1.82		ppb
Iron	56-2	1.38	1.18	0.46	1.01	47.92	ppb
Iron	57-2	1.14	0.59	0.77	0.83	33.91	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:08:41	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.17	0.02	0.07	112.08	ppb
Lead	207-1	0.02	0.26	0.10	0.13	96.10	ppb
Lead	208-1	0.02	0.19	0.04	0.08	106.93	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.04	1.00	1.32	0.79	85.20	ppb
Manganese	55-2	0.04	0.03	0.05	0.04	25.71	ppb
Molybdenum	94-1	0.06	0.50	0.07	0.21	120.02	ppb
Molybdenum	95-1	0.02	0.90	0.07	0.33	149.72	ppb
Molybdenum	96-1	0.01	1.01	0.08	0.37	152.85	ppb
Molybdenum	97-1	0.04	0.83	0.07	0.31	144.44	ppb
Molybdenum	98-1	0.02	0.78	0.09	0.30	141.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.02	0.07	0.05	51.14	ppb
Phosphorus	31-2	-23.25	-13.62	-12.75	-16.54		ppb
Potassium	39-2	4.88	-20.65	-8.66	-8.14		ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				96		%
Selenium	82-1	0.20	1.56	0.59	0.78	89.61	ppb
Selenium	77-2	-1.66	0.02	0.06	-0.52		ppb
Selenium	78-2	-0.27	-1.14	-0.14	-0.52		ppb
Silicon	28-1	-0.35	-1.17	-0.64	-0.72		ppb
Silver	107-1	0.01	0.01	0.02	0.01	45.15	ppb
Silver	109-1	0.03	0.05	0.02	0.03	41.29	ppb
Sodium	23-2	13.04	4.96	8.66	8.89	45.52	ppb
Strontium	86-1	0.10	0.29	-0.18	0.07	342.78	ppb
Strontium	88-1	0.01	0.34	0.05	0.13	140.02	ppb
Sulfur	34-1	-631.40	-1605.35	-1065.35	-1100.70		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.07	0.02	0.03	130.16	ppb
Thallium	205-1	0.01	0.05	0.01	0.02	106.79	ppb
Tin	118-1	-0.02	-0.08	-0.01	-0.04		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:08:41	DataFile Name :	016CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.07	0.46	0.10	0.16	166.81	ppb
Uranium	238-1	0.00	0.02	0.01	0.01	131.05	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	855.60	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				97		%
Zinc	66-2	-0.03	0.01	-0.18	-0.07		ppb
Zirconium	90-1	0.00	0.06	0.00	0.02	146.37	ppb
Zirconium	91-1	0.00	0.08	0.01	0.03	154.36	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93695.95	94901.59	97740.71	95446.08	2.18	ppb
Antimony	121-1	0.94	1.06	1.10	1.03	7.92	ppb
Arsenic	75-2	0.25	0.18	0.28	0.24	22.98	ppb
Barium	135-1	1.40	1.42	1.35	1.39	2.85	ppb
Barium	137-1	1.22	1.37	1.35	1.31	6.11	ppb
Beryllium	9-1	0.28	0.30	0.29	0.29	3.58	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	20.05	19.67	20.85	20.19	2.98	ppb
Boron	11-1	20.52	21.18	20.99	20.90	1.61	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.25	0.30	0.28	9.89	ppb
Cadmium	106-1	-4.54	-2.98	-2.59	-3.37		ppb
Cadmium	108-1	7.74	8.78	9.34	8.62	9.42	ppb
Calcium	43-1	97693.60	102310.07	98825.96	99609.88	2.42	ppb
Calcium	44-1	96751.72	97090.33	96644.36	96828.80	0.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	19.63	19.14	19.46	19.41	1.29	ppb
Cobalt	59-2	1.05	1.00	1.11	1.05	4.89	ppb
Copper	63-2	7.16	7.22	7.33	7.24	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				98		%
Iron	54-2	101207.23	98578.66	101391.38	100392.42	1.57	ppb
Iron	56-2	99075.65	100163.31	102407.40	100548.79	1.69	ppb
Iron	57-2	101298.24	97598.65	101079.80	99992.23	2.08	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.96	4.15	4.27	4.13	3.76	ppb
Lead	207-1	3.52	3.54	3.72	3.60	3.10	ppb
Lead	208-1	3.69	3.79	3.97	3.82	3.69	ppb
Lithium	6-1				110		%
Magnesium	24-2	94731.79	95187.22	97517.42	95812.15	1.56	ppb
Manganese	55-2	7.46	6.84	7.22	7.17	4.35	ppb
Molybdenum	94-1	1513.66	1554.09	1526.94	1531.57	1.35	ppb
Molybdenum	95-1	1881.08	1842.09	1885.11	1869.43	1.27	ppb
Molybdenum	96-1	1835.87	1803.07	1837.31	1825.42	1.06	ppb
Molybdenum	97-1	1825.08	1898.28	1858.37	1860.58	1.97	ppb
Molybdenum	98-1	1796.86	1835.60	1788.59	1807.02	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.25	5.25	5.28	5.26	0.38	ppb
Phosphorus	31-2	99910.19	101277.12	99163.52	100116.95	1.07	ppb
Potassium	39-2	95684.40	96759.20	97820.57	96754.72	1.10	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				97		%
Selenium	82-1	0.33	1.07	2.72	1.37	88.96	ppb
Selenium	77-2	1.71	0.02	-1.66	0.02	7348.73	ppb
Selenium	78-2	-1.44	-2.51	0.44	-1.17		ppb
Silicon	28-1	0.43	0.28	0.42	0.37	21.80	ppb
Silver	107-1	0.06	0.04	0.04	0.05	21.30	ppb
Silver	109-1	0.04	0.04	0.02	0.04	29.45	ppb
Sodium	23-2	100942.59	98975.66	101563.83	100494.03	1.34	ppb
Strontium	86-1	31.25	32.41	30.94	31.54	2.46	ppb
Strontium	88-1	31.23	32.13	31.24	31.54	1.64	ppb
Sulfur	34-1	83935.46	82247.99	79720.40	81967.95	2.59	ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.09	0.05	0.06	37.15	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	16.33	ppb
Tin	118-1	0.04	-0.02	0.00	0.01	517.60	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1925.34	1928.78	1952.58	1935.57	0.77	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	54.71	ppb
Vanadium	51-2	0.12	0.14	0.13	0.13	6.83	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				98		%
Zinc	66-2	10.99	10.75	10.48	10.74	2.41	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.79	ppb
Zirconium	91-1	0.00	0.01	0.03	0.01	86.77	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99027.56	98359.98	96066.88	97818.14	1.59	ppb
Antimony	121-1	18.26	17.99	18.87	18.37	2.45	ppb
Arsenic	75-2	18.95	19.42	19.01	19.13	1.35	ppb
Barium	135-1	18.72	17.91	19.65	18.76	4.63	ppb
Barium	137-1	19.23	19.61	19.68	19.51	1.25	ppb
Beryllium	9-1	18.42	18.34	18.34	18.37	0.26	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	18.55	17.49	16.74	17.59	5.18	ppb
Boron	11-1	18.46	18.26	18.14	18.29	0.86	ppb
Bromine	81-1						cps
Cadmium	111-1	18.05	17.35	18.89	18.10	4.28	ppb
Cadmium	106-1	17.81	13.90	15.26	15.66	12.69	ppb
Cadmium	108-1	23.16	22.49	25.00	23.55	5.52	ppb
Calcium	43-1	102509.99	99034.87	98459.94	100001.60	2.19	ppb
Calcium	44-1	97701.97	98049.80	97310.49	97687.42	0.38	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	39.49	38.14	38.80	38.81	1.74	ppb
Cobalt	59-2	19.04	18.88	19.50	19.14	1.67	ppb
Copper	63-2	25.91	24.94	24.68	25.18	2.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	54-2	102731.28	101800.43	100983.29	101838.33	0.86	ppb
Iron	56-2	103405.16	102469.54	102640.57	102838.42	0.48	ppb
Iron	57-2	102824.57	100051.32	102335.77	101737.22	1.46	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	21.75	21.77	23.77	22.43	5.17	ppb
Lead	207-1	20.90	20.26	22.05	21.07	4.30	ppb
Lead	208-1	21.10	20.62	22.40	21.37	4.31	ppb
Lithium	6-1				112		%
Magnesium	24-2	98149.05	98852.42	98222.03	98407.83	0.39	ppb
Manganese	55-2	24.58	25.49	25.24	25.11	1.87	ppb
Molybdenum	94-1	1518.50	1538.90	1601.43	1552.95	2.78	ppb
Molybdenum	95-1	1836.08	1870.35	1949.86	1885.43	3.10	ppb
Molybdenum	96-1	1810.10	1837.28	1882.34	1843.24	1.98	ppb
Molybdenum	97-1	1871.04	1849.83	1962.82	1894.56	3.17	ppb
Molybdenum	98-1	1825.04	1852.31	1875.36	1850.90	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.17	24.42	24.05	24.21	0.78	ppb
Phosphorus	31-2	99985.10	99830.96	99604.49	99806.85	0.19	ppb
Potassium	39-2	97509.28	96752.09	99544.82	97935.40	1.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	17.86	18.18	19.81	18.62	5.62	ppb
Selenium	77-2	14.91	10.06	6.77	10.58	38.75	ppb
Selenium	78-2	14.65	17.10	15.97	15.91	7.69	ppb
Silicon	28-1	1.06	0.79	0.99	0.95	14.52	ppb
Silver	107-1	17.66	16.59	16.70	16.98	3.48	ppb
Silver	109-1	16.91	16.07	17.64	16.88	4.67	ppb
Sodium	23-2	100756.97	101223.36	100724.28	100901.54	0.28	ppb
Strontium	86-1	31.51	32.64	32.11	32.09	1.76	ppb
Strontium	88-1	31.44	31.73	31.60	31.59	0.47	ppb
Sulfur	34-1	81613.03	81250.34	82392.64	81752.00	0.71	ppb
Terbium	159-1				112		%
Terbium	159-2				107		%
Thallium	203-1	17.77	17.16	18.38	17.77	3.42	ppb
Thallium	205-1	17.41	17.47	19.52	18.13	6.64	ppb
Tin	118-1	0.41	0.26	0.41	0.36	25.13	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1913.28	1921.84	1893.59	1909.57	0.76	ppb
Uranium	238-1	0.02	0.01	0.03	0.02	51.84	ppb
Vanadium	51-2	18.89	18.72	18.93	18.85	0.58	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				99		%
Zinc	66-2	30.36	30.21	32.75	31.11	4.57	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	16.53	ppb
Zirconium	91-1	0.04	0.00	0.05	0.03	96.17	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52372.05	51499.80	51568.74	51813.53	0.94	ppb
Antimony	121-1	471.81	452.07	453.23	459.04	2.41	ppb
Arsenic	75-2	493.00	478.45	490.36	487.27	1.59	ppb
Barium	135-1	2420.64	2335.94	2395.13	2383.91	1.82	ppb
Barium	137-1	2437.59	2321.46	2337.14	2365.40	2.66	ppb
Beryllium	9-1	474.54	468.31	484.17	475.67	1.68	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	504.60	537.05	561.57	534.40	5.35	ppb
Boron	11-1	529.67	561.33	587.03	559.34	5.14	ppb
Bromine	81-1						cps
Cadmium	111-1	471.37	452.33	448.82	457.51	2.65	ppb
Cadmium	106-1	481.95	449.33	467.30	466.19	3.50	ppb
Cadmium	108-1	485.77	459.17	463.56	469.50	3.04	ppb
Calcium	43-1	244770.04	249130.29	247614.98	247171.77	0.90	ppb
Calcium	44-1	238387.34	247621.11	236560.96	240856.47	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	502.79	490.31	498.37	497.15	1.27	ppb
Cobalt	59-2	466.95	466.28	462.03	465.09	0.57	ppb
Copper	63-2	5229.25	5051.55	5159.81	5146.87	1.74	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				105		%
Indium	115-1				103		%
Indium	115-2				96		%
Iron	54-2	126343.16	125091.75	124614.07	125349.66	0.71	ppb
Iron	56-2	127873.99	123683.67	126479.35	126012.34	1.69	ppb
Iron	57-2	127446.36	122971.30	123356.57	124591.41	1.99	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2467.37	2405.85	2512.43	2461.88	2.17	ppb
Lead	207-1	2420.03	2439.56	2438.92	2432.84	0.46	ppb
Lead	208-1	2420.54	2416.92	2424.05	2420.50	0.15	ppb
Lithium	6-1				111		%
Magnesium	24-2	252913.36	247332.95	251863.59	250703.30	1.18	ppb
Manganese	55-2	5051.98	4888.65	5003.23	4981.29	1.68	ppb
Molybdenum	94-1	5068.94	5363.66	5322.23	5251.61	3.04	ppb
Molybdenum	95-1	5166.50	5288.31	5462.83	5305.88	2.81	ppb
Molybdenum	96-1	5285.13	5182.90	5312.22	5260.08	1.30	ppb
Molybdenum	97-1	5291.18	5281.94	5354.58	5309.23	0.74	ppb
Molybdenum	98-1	5146.30	5277.73	5229.09	5217.71	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.88	480.98	489.13	487.67	1.25	ppb
Phosphorus	31-2	9920.43	10334.79	9990.51	10081.91	2.20	ppb
Potassium	39-2	125252.49	124176.96	123079.20	124169.55	0.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				109		%
Scandium	45-2				97		%
Selenium	82-1	469.16	468.79	482.46	473.47	1.64	ppb
Selenium	77-2	526.53	479.55	474.17	493.42	5.84	ppb
Selenium	78-2	491.89	460.90	479.69	477.49	3.27	ppb
Silicon	28-1	571.04	562.84	570.81	568.23	0.82	ppb
Silver	107-1	492.47	467.75	469.52	476.58	2.89	ppb
Silver	109-1	474.13	461.98	454.77	463.63	2.11	ppb
Sodium	23-2	246789.07	247851.07	247403.84	247348.00	0.22	ppb
Strontium	86-1	4818.73	4709.99	4836.55	4788.42	1.43	ppb
Strontium	88-1	4751.66	4660.85	4807.12	4739.88	1.56	ppb
Sulfur	34-1	7408.16	7043.03	7752.45	7401.22	4.79	ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	458.85	460.84	478.72	466.14	2.35	ppb
Thallium	205-1	483.72	486.37	500.54	490.21	1.84	ppb
Tin	118-1	481.00	461.27	464.11	468.79	2.27	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5218.17	5216.11	5270.92	5235.07	0.59	ppb
Uranium	238-1	480.61	483.94	501.40	488.65	2.29	ppb
Vanadium	51-2	498.66	495.59	495.97	496.74	0.34	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	4898.78	4844.20	4929.40	4890.79	0.88	ppb
Zirconium	90-1	479.33	486.03	513.48	492.95	3.67	ppb
Zirconium	91-1	450.49	471.71	482.55	468.25	3.48	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P8
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:24:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.32	-0.24	0.72	0.27	181.10	ppb
Antimony	121-1	0.03	0.04	0.08	0.05	48.61	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00		ppb
Barium	135-1	0.00	0.04	0.01	0.02	112.32	ppb
Barium	137-1	0.04	0.00	0.01	0.01	148.30	ppb
Beryllium	9-1	0.07	0.06	0.08	0.07	13.42	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	28.49	28.04	28.16	28.23	0.83	ppb
Boron	11-1	30.15	28.89	28.76	29.27	2.62	ppb
Bromine	81-1						cps
Cadmium	111-1	0.01	-0.06	-0.04	-0.03		ppb
Cadmium	106-1	-1.74	-3.04	-2.66	-2.48		ppb
Cadmium	108-1	-0.23	-0.23	-0.07	-0.18		ppb
Calcium	43-1	-3.38	-3.96	-4.02	-3.79		ppb
Calcium	44-1	-1.58	-1.04	2.46	-0.05		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.07	-0.01	-0.01	0.02	266.46	ppb
Cobalt	59-2	0.02	0.00	0.00	0.01	93.85	ppb
Copper	63-2	0.17	0.15	0.07	0.13	39.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	54-2	-0.54	-0.46	0.78	-0.07		ppb
Iron	56-2	1.04	0.66	1.04	0.91	23.66	ppb
Iron	57-2	-0.94	-0.82	2.99	0.41	547.01	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P8
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:24:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.09	0.09	0.09	2.64	ppb
Lead	207-1	0.12	0.14	0.07	0.11	34.40	ppb
Lead	208-1	0.09	0.10	0.06	0.09	24.72	ppb
Lithium	6-1				105		%
Magnesium	24-2	2.19	1.97	1.08	1.75	33.65	ppb
Manganese	55-2	0.03	0.03	0.01	0.02	61.72	ppb
Molybdenum	94-1	0.14	0.11	0.11	0.12	15.55	ppb
Molybdenum	95-1	0.21	0.14	0.13	0.16	27.09	ppb
Molybdenum	96-1	0.12	0.10	0.11	0.11	11.99	ppb
Molybdenum	97-1	0.13	0.08	0.11	0.11	22.05	ppb
Molybdenum	98-1	0.15	0.13	0.09	0.12	27.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.09	-0.07	-0.08		ppb
Phosphorus	31-2	-41.40	-17.28	-35.78	-31.49		ppb
Potassium	39-2	3.68	-2.90	-4.32	-1.18		ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				94		%
Selenium	82-1	0.53	1.21	0.92	0.89	38.49	ppb
Selenium	77-2	-1.66	0.08	1.78	0.07	2541.68	ppb
Selenium	78-2	-2.57	-2.61	1.17	-1.33		ppb
Silicon	28-1	-0.88	-1.01	-0.23	-0.71		ppb
Silver	107-1	0.03	0.04	0.03	0.03	24.28	ppb
Silver	109-1	0.04	0.04	0.03	0.04	15.31	ppb
Sodium	23-2	27.01	29.77	28.52	28.43	4.85	ppb
Strontium	86-1	0.24	-0.01	0.17	0.13	99.96	ppb
Strontium	88-1	0.04	0.03	0.02	0.03	27.85	ppb
Sulfur	34-1	-2216.13	-2041.68	-1174.14	-1810.65		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.07	0.06	0.06	4.02	ppb
Thallium	205-1	0.06	0.05	0.09	0.07	26.46	ppb
Tin	118-1	-0.16	-0.02	-0.06	-0.08		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P8
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:24:47	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.01	-0.06	-0.01	-0.02		ppb
Uranium	238-1	0.01	0.01	0.00	0.00	166.15	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	197.25	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	0.04	0.01	0.01	0.02	82.40	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	-0.01	0.01	0.01	0.00	627.19	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.50	0.13	0.26	-0.04		ppb
Antimony	121-1	0.01	0.00	0.01	0.01	67.65	ppb
Arsenic	75-2	0.02	0.01	-0.03	0.00		ppb
Barium	135-1	0.00	0.00	0.00	0.00	4.72	ppb
Barium	137-1	0.00	0.03	0.00	0.01	192.62	ppb
Beryllium	9-1	0.05	0.02	0.02	0.03	47.77	ppb
Bismuth	209-1				115		%
Bismuth	209-2				102		%
Boron	10-1	20.05	21.18	19.66	20.29	3.89	ppb
Boron	11-1	20.88	20.83	20.40	20.70	1.26	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.05	-0.07	-0.07	-0.06		ppb
Cadmium	106-1	-3.22	-3.08	-3.00	-3.10		ppb
Cadmium	108-1	-0.08	0.08	-0.15	-0.05		ppb
Calcium	43-1	-6.36	-5.53	-6.49	-6.13		ppb
Calcium	44-1	-4.92	-5.56	-5.63	-5.37		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	0.05	0.01	0.02	130.31	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.03	0.04	0.03	36.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	54-2	-2.91	-3.49	-1.47	-2.62		ppb
Iron	56-2	0.16	0.03	0.25	0.14	76.11	ppb
Iron	57-2	2.30	1.84	-0.42	1.24	117.18	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.05	0.04	-0.03	0.02	202.46	ppb
Lead	207-1	0.00	0.05	0.01	0.02	120.93	ppb
Lead	208-1	0.02	0.04	0.00	0.02	80.83	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.37	-0.99	1.18	-0.06		ppb
Manganese	55-2	0.00	0.02	0.02	0.01	118.81	ppb
Molybdenum	94-1	0.06	0.05	0.04	0.05	22.42	ppb
Molybdenum	95-1	0.03	0.04	0.01	0.03	50.85	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.02	65.90	ppb
Molybdenum	97-1	0.04	0.05	0.04	0.05	10.41	ppb
Molybdenum	98-1	0.02	0.02	0.05	0.03	68.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.00	-0.02		ppb
Phosphorus	31-2	-16.85	-22.71	26.86	-4.24		ppb
Potassium	39-2	2.28	-8.28	-13.18	-6.39		ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				103		%
Scandium	45-2				93		%
Selenium	82-1	-0.22	1.52	-0.15	0.38	258.55	ppb
Selenium	77-2	1.82	-1.66	3.61	1.26	213.06	ppb
Selenium	78-2	-1.55	-0.78	-1.14	-1.16		ppb
Silicon	28-1	-1.08	-1.14	-1.13	-1.12		ppb
Silver	107-1	0.01	0.02	0.02	0.02	47.68	ppb
Silver	109-1	0.03	0.01	0.01	0.01	70.03	ppb
Sodium	23-2	12.84	14.80	12.66	13.43	8.83	ppb
Strontium	86-1	-0.04	-0.02	-0.15	-0.07		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	72.12	ppb
Sulfur	34-1	-1608.16	-1911.29	-1803.11	-1774.19		ppb
Terbium	159-1				109		%
Terbium	159-2				102		%
Thallium	203-1	0.03	0.05	0.02	0.04	37.21	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	2.81	ppb
Tin	118-1	-0.21	-0.10	-0.08	-0.13		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.10	0.05	0.15	0.03	377.80	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	-0.03	-0.09	-0.02	-0.05		ppb
Zirconium	90-1	-0.01	-0.01	0.01	0.00		ppb
Zirconium	91-1	0.03	0.01	-0.01	0.01	191.60	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:34:58	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35.97	35.75	37.00	36.24	1.84	ppb
Antimony	121-1	3.64	3.56	3.38	3.52	3.79	ppb
Arsenic	75-2	1.94	1.88	1.83	1.88	3.00	ppb
Barium	135-1	17.37	17.04	17.56	17.32	1.53	ppb
Barium	137-1	17.65	18.44	16.96	17.68	4.19	ppb
Beryllium	9-1	1.97	2.10	1.82	1.96	7.26	ppb
Bismuth	209-1				111		%
Bismuth	209-2				102		%
Boron	10-1	28.82	30.21	29.90	29.64	2.46	ppb
Boron	11-1	29.37	32.16	31.15	30.90	4.57	ppb
Bromine	81-1						cps
Cadmium	111-1	1.85	2.01	1.90	1.92	4.28	ppb
Cadmium	106-1	-1.31	-0.05	0.59	-0.26		ppb
Cadmium	108-1	1.30	1.67	1.57	1.51	12.52	ppb
Calcium	43-1	928.07	898.23	915.28	913.86	1.64	ppb
Calcium	44-1	899.43	878.61	888.99	889.01	1.17	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.68	3.77	3.73	3.73	1.21	ppb
Cobalt	59-2	1.87	1.82	1.88	1.86	1.89	ppb
Copper	63-2	3.90	3.73	3.72	3.78	2.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	54-2	412.82	400.21	390.67	401.24	2.77	ppb
Iron	56-2	405.74	404.32	397.88	402.65	1.04	ppb
Iron	57-2	402.05	382.89	403.00	395.98	2.87	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:34:58	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.90	1.89	1.66	1.82	7.43	ppb
Lead	207-1	1.87	1.82	1.88	1.86	1.67	ppb
Lead	208-1	1.91	1.86	1.74	1.84	4.58	ppb
Lithium	6-1				106		%
Magnesium	24-2	927.68	942.75	939.68	936.71	0.85	ppb
Manganese	55-2	1.93	1.94	2.06	1.98	3.70	ppb
Molybdenum	94-1	11.33	10.52	10.99	10.95	3.71	ppb
Molybdenum	95-1	9.30	8.76	9.24	9.10	3.28	ppb
Molybdenum	96-1	9.48	9.18	8.93	9.19	3.00	ppb
Molybdenum	97-1	9.55	9.43	8.93	9.30	3.55	ppb
Molybdenum	98-1	9.28	9.16	9.01	9.15	1.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.02	1.96	1.97	1.99	1.62	ppb
Phosphorus	31-2	39.14	39.05	2.79	27.00	77.65	ppb
Potassium	39-2	888.97	895.17	920.13	901.42	1.83	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				93		%
Selenium	82-1	12.05	10.18	8.57	10.27	17.00	ppb
Selenium	77-2	14.09	19.42	1.85	11.79	76.45	ppb
Selenium	78-2	10.51	8.77	5.68	8.32	29.40	ppb
Silicon	28-1	-0.34	-0.52	-0.21	-0.36		ppb
Silver	107-1	1.69	1.80	1.77	1.76	3.29	ppb
Silver	109-1	1.83	1.80	1.75	1.79	2.27	ppb
Sodium	23-2	927.89	935.66	924.87	929.47	0.60	ppb
Strontium	86-1	1.95	1.65	1.64	1.75	10.09	ppb
Strontium	88-1	1.99	1.78	1.76	1.84	6.89	ppb
Sulfur	34-1	-2321.76	-2468.60	-1899.92	-2230.09		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	1.79	1.80	1.69	1.76	3.34	ppb
Thallium	205-1	1.86	1.84	1.85	1.85	0.70	ppb
Tin	118-1	9.19	9.21	8.72	9.04	3.05	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:34:58	DataFile Name :	023LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.72	9.15	9.28	9.39	3.18	ppb
Uranium	238-1	1.61	1.73	1.61	1.65	4.23	ppb
Vanadium	51-2	10.19	9.53	9.22	9.65	5.15	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				94		%
Zinc	66-2	12.13	12.46	11.35	11.98	4.74	ppb
Zirconium	90-1	1.63	1.74	1.72	1.70	3.54	ppb
Zirconium	91-1	1.84	1.70	1.66	1.73	5.28	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	372.19	354.29	371.78	366.08	2.79	ppb
Antimony	121-1	7.90	7.61	8.04	7.85	2.73	ppb
Arsenic	75-2	-0.01	0.03	0.04	0.02	159.55	ppb
Barium	135-1	31.04	31.72	30.73	31.16	1.62	ppb
Barium	137-1	31.80	32.03	32.28	32.04	0.75	ppb
Beryllium	9-1	6.68	6.62	6.46	6.59	1.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				101		%
Boron	10-1	14.22	14.04	14.31	14.19	0.97	ppb
Boron	11-1	15.15	15.13	14.58	14.95	2.16	ppb
Bromine	81-1						cps
Cadmium	111-1	4.59	4.71	4.62	4.64	1.32	ppb
Cadmium	106-1	1.79	2.66	0.36	1.61	72.17	ppb
Cadmium	108-1	3.73	3.55	3.97	3.75	5.51	ppb
Calcium	43-1	570.49	554.97	539.25	554.90	2.82	ppb
Calcium	44-1	563.38	542.48	538.10	547.99	2.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	8.95	8.84	8.81	8.87	0.84	ppb
Cobalt	59-2	6.42	6.41	6.75	6.53	3.00	ppb
Copper	63-2	22.50	22.64	22.91	22.68	0.91	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				98		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	54-2	325.63	300.91	316.21	314.25	3.97	ppb
Iron	56-2	320.07	313.02	317.85	316.98	1.14	ppb
Iron	57-2	300.45	309.79	312.58	307.61	2.07	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.45	4.16	4.35	4.32	3.40	ppb
Lead	207-1	4.27	4.40	4.75	4.48	5.58	ppb
Lead	208-1	4.37	4.17	4.51	4.35	3.88	ppb
Lithium	6-1				105		%
Magnesium	24-2	449.13	430.96	439.68	439.92	2.07	ppb
Manganese	55-2	4.54	4.71	4.57	4.61	1.91	ppb
Molybdenum	94-1	0.02	0.02	0.06	0.03	76.42	ppb
Molybdenum	95-1	0.04	0.01	0.04	0.03	60.25	ppb
Molybdenum	96-1	0.00	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	0.01	0.05	0.03	0.03	61.44	ppb
Molybdenum	98-1	0.03	0.03	0.02	0.03	13.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.27	14.15	13.81	13.74	3.24	ppb
Phosphorus	31-2	-16.09	-16.51	-9.13	-13.91		ppb
Potassium	39-2	376.24	353.00	386.35	371.86	4.60	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				92		%
Selenium	82-1	22.17	20.34	20.77	21.09	4.54	ppb
Selenium	77-2	26.77	21.63	14.23	20.88	30.20	ppb
Selenium	78-2	20.43	17.59	19.92	19.31	7.85	ppb
Silicon	28-1	-0.32	-1.03	-0.94	-0.76		ppb
Silver	107-1	3.60	3.44	3.40	3.48	3.01	ppb
Silver	109-1	3.43	3.71	3.62	3.58	4.02	ppb
Sodium	23-2	3.96	7.33	6.46	5.92	29.59	ppb
Strontium	86-1	-0.01	0.05	0.11	0.05	123.40	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	4.08	ppb
Sulfur	34-1	-291.76	-1213.29	-1443.85	-982.97		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	6.90	6.64	7.14	6.89	3.59	ppb
Thallium	205-1	7.37	6.56	7.33	7.09	6.41	ppb
Tin	118-1	-0.67	-0.71	-0.76	-0.71		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.03	0.03	0.11	0.05	89.83	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	1808.28	ppb
Vanadium	51-2	8.61	8.50	8.52	8.54	0.70	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	6.45	6.08	5.95	6.16	4.19	ppb
Zirconium	90-1	0.02	0.01	0.02	0.01	32.94	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	1444.49	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.11	2.43	3.15	2.90	13.98	ppb
Antimony	121-1	0.01	0.03	0.00	0.02	107.58	ppb
Arsenic	75-2	0.03	0.08	0.10	0.07	49.35	ppb
Barium	135-1	118.36	122.93	119.72	120.34	1.95	ppb
Barium	137-1	119.32	127.02	122.46	122.93	3.15	ppb
Beryllium	9-1	0.04	0.07	0.09	0.07	33.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	19.94	18.83	19.95	19.57	3.29	ppb
Boron	11-1	21.02	20.87	20.67	20.85	0.84	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.02	0.02	-0.01		ppb
Cadmium	106-1	-4.35	-2.10	-2.26	-2.90		ppb
Cadmium	108-1	0.10	-0.14	0.35	0.10	235.98	ppb
Calcium	43-1	9010.84	9416.35	9061.43	9162.87	2.41	ppb
Calcium	44-1	8927.71	9280.83	9462.43	9223.65	2.95	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.32	0.42	0.30	0.35	18.43	ppb
Cobalt	59-2	0.50	0.49	0.49	0.49	0.86	ppb
Copper	63-2	0.13	0.12	0.15	0.13	10.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				93		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	54-2	4.66	3.34	5.03	4.34	20.53	ppb
Iron	56-2	5.27	5.50	5.26	5.34	2.51	ppb
Iron	57-2	10.89	11.43	13.12	11.81	9.81	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.11	0.08	0.05	0.08	37.38	ppb
Lead	207-1	0.09	0.10	0.03	0.07	55.64	ppb
Lead	208-1	0.08	0.09	0.06	0.08	21.41	ppb
Lithium	6-1				98		%
Magnesium	24-2	2497.94	2427.81	2400.35	2442.04	2.06	ppb
Manganese	55-2	27.14	25.65	26.92	26.57	3.04	ppb
Molybdenum	94-1	0.05	0.07	0.04	0.05	31.04	ppb
Molybdenum	95-1	0.05	0.07	0.05	0.05	20.97	ppb
Molybdenum	96-1	0.00	0.03	0.03	0.02	84.46	ppb
Molybdenum	97-1	0.04	0.04	0.05	0.04	12.18	ppb
Molybdenum	98-1	0.04	0.03	0.04	0.04	10.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.80	2.20	2.29	2.10	12.42	ppb
Phosphorus	31-2	19.91	12.05	18.33	16.76	24.82	ppb
Potassium	39-2	3293.74	3258.43	3282.94	3278.37	0.55	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	82-1	0.80	2.07	1.53	1.47	43.43	ppb
Selenium	77-2	-1.66	-1.66	3.87	0.18	1733.29	ppb
Selenium	78-2	1.53	-0.68	2.27	1.04	148.02	ppb
Silicon	28-1	180.24	185.87	178.53	181.55	2.11	ppb
Silver	107-1	0.02	0.03	0.02	0.02	17.39	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.66	ppb
Sodium	23-2	10270.47	10222.47	10161.42	10218.12	0.53	ppb
Strontium	86-1	62.43	64.77	65.20	64.13	2.33	ppb
Strontium	88-1	64.32	63.62	64.85	64.26	0.96	ppb
Sulfur	34-1	2951.53	3632.67	3049.58	3211.26	11.47	ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.08	0.06	0.08	0.07	16.35	ppb
Thallium	205-1	0.06	0.09	0.07	0.07	15.74	ppb
Tin	118-1	-0.81	-0.76	-0.79	-0.78		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.31	0.46	0.13	0.30	54.40	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	58.83	ppb
Vanadium	51-2	0.06	0.10	0.07	0.08	24.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				89		%
Zinc	66-2	10.26	9.67	9.16	9.70	5.69	ppb
Zirconium	90-1	0.01	0.02	0.01	0.02	27.02	ppb
Zirconium	91-1	0.05	0.02	-0.01	0.02	142.58	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.16	8.58	8.03	8.26	3.49	ppb
Antimony	121-1	0.03	0.01	0.05	0.03	54.72	ppb
Arsenic	75-2	0.15	0.05	0.17	0.12	48.66	ppb
Barium	135-1	131.02	139.08	133.66	134.59	3.05	ppb
Barium	137-1	129.93	143.06	139.47	137.49	4.93	ppb
Beryllium	9-1	0.28	0.29	0.41	0.33	21.87	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	18.12	19.29	20.02	19.14	5.00	ppb
Boron	11-1	19.35	20.58	21.06	20.33	4.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.05	0.03	0.04	29.88	ppb
Cadmium	106-1	-3.68	-1.41	-1.93	-2.34		ppb
Cadmium	108-1	0.08	0.52	0.67	0.42	72.36	ppb
Calcium	43-1	11467.38	11552.86	10932.63	11317.62	2.97	ppb
Calcium	44-1	11592.78	11429.06	11671.63	11564.49	1.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.42	0.43	0.50	0.45	9.21	ppb
Cobalt	59-2	4.68	4.55	4.75	4.66	2.25	ppb
Copper	63-2	12.08	12.13	12.32	12.18	1.01	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				101		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	13.03	13.64	12.81	13.16	3.27	ppb
Iron	56-2	13.37	13.78	14.11	13.75	2.72	ppb
Iron	57-2	24.58	22.23	22.21	23.01	5.93	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.68	0.86	0.90	0.82	14.51	ppb
Lead	207-1	0.72	0.74	1.00	0.82	19.26	ppb
Lead	208-1	0.74	0.80	0.99	0.84	15.08	ppb
Lithium	6-1				101		%
Magnesium	24-2	2815.92	2835.40	2814.24	2821.85	0.42	ppb
Manganese	55-2	69.47	70.60	70.52	70.19	0.90	ppb
Molybdenum	94-1	0.07	0.15	0.15	0.12	34.09	ppb
Molybdenum	95-1	0.07	0.09	0.06	0.07	20.66	ppb
Molybdenum	96-1	0.03	0.04	0.13	0.07	76.95	ppb
Molybdenum	97-1	0.03	0.06	0.11	0.07	56.56	ppb
Molybdenum	98-1	0.06	0.05	0.10	0.07	37.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.25	3.50	3.12	3.29	5.83	ppb
Phosphorus	31-2	-1.95	45.77	-6.85	12.32	235.90	ppb
Potassium	39-2	3441.77	3463.97	3492.08	3465.94	0.73	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	82-1	2.45	1.55	-1.54	0.82	254.81	ppb
Selenium	77-2	1.99	-1.66	2.03	0.79	269.34	ppb
Selenium	78-2	-1.85	-0.81	1.16	-0.50		ppb
Silicon	28-1	194.02	193.81	186.04	191.29	2.38	ppb
Silver	107-1	0.02	0.02	0.02	0.02	14.01	ppb
Silver	109-1	0.01	0.02	0.02	0.02	27.69	ppb
Sodium	23-2	12162.08	11997.89	12114.58	12091.52	0.70	ppb
Strontium	86-1	78.39	76.75	77.45	77.53	1.06	ppb
Strontium	88-1	77.69	78.19	79.17	78.35	0.95	ppb
Sulfur	34-1	3883.66	3784.53	2268.72	3312.30	27.33	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.09	0.07	0.13	0.10	31.80	ppb
Thallium	205-1	0.06	0.05	0.08	0.06	30.85	ppb
Tin	118-1	-0.61	-0.62	-0.60	-0.61		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.21	0.23	0.39	0.28	35.81	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	25.53	ppb
Vanadium	51-2	0.16	0.20	0.23	0.20	16.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				90		%
Zinc	66-2	41.47	43.72	43.31	42.83	2.81	ppb
Zirconium	90-1	0.03	0.02	0.03	0.02	26.96	ppb
Zirconium	91-1	-0.02	0.00	0.00	-0.01		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.57	10.15	8.03	9.92	17.98	ppb
Antimony	121-1	0.02	0.01	0.04	0.03	56.20	ppb
Arsenic	75-2	0.15	0.20	0.18	0.18	12.68	ppb
Barium	135-1	139.23	137.17	143.84	140.08	2.44	ppb
Barium	137-1	140.09	144.07	148.81	144.32	3.03	ppb
Beryllium	9-1	0.41	0.32	0.29	0.34	19.09	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	18.80	18.22	19.51	18.84	3.43	ppb
Boron	11-1	18.98	19.09	19.36	19.14	1.02	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.02	0.03	0.06	88.88	ppb
Cadmium	106-1	-3.42	-2.08	-3.60	-3.03		ppb
Cadmium	108-1	0.42	0.48	0.10	0.34	61.78	ppb
Calcium	43-1	11810.70	11970.37	12235.01	12005.36	1.79	ppb
Calcium	44-1	11926.20	11924.01	12356.27	12068.83	2.06	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.82	0.76	0.85	0.81	5.63	ppb
Cobalt	59-2	4.94	4.53	4.73	4.73	4.29	ppb
Copper	63-2	10.95	10.72	10.71	10.79	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				94		%
Indium	115-1				98		%
Indium	115-2				91		%
Iron	54-2	8.98	14.04	11.65	11.56	21.90	ppb
Iron	56-2	13.01	13.45	13.49	13.32	1.99	ppb
Iron	57-2	22.22	21.26	30.04	24.51	19.66	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.78	0.74	0.78	0.76	3.29	ppb
Lead	207-1	0.65	0.65	0.72	0.67	5.89	ppb
Lead	208-1	0.65	0.68	0.78	0.70	9.77	ppb
Lithium	6-1				100		%
Magnesium	24-2	2965.14	2907.88	2902.52	2925.18	1.19	ppb
Manganese	55-2	72.65	71.35	72.14	72.05	0.91	ppb
Molybdenum	94-1	0.18	0.08	0.16	0.14	36.56	ppb
Molybdenum	95-1	0.07	0.09	0.09	0.08	10.74	ppb
Molybdenum	96-1	0.07	0.07	0.10	0.08	24.66	ppb
Molybdenum	97-1	0.14	0.09	0.07	0.10	34.73	ppb
Molybdenum	98-1	0.08	0.05	0.06	0.06	29.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.50	3.44	3.12	3.35	5.98	ppb
Phosphorus	31-2	-0.89	-27.46	-13.95	-14.10		ppb
Potassium	39-2	3661.84	3556.32	3610.33	3609.50	1.46	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	82-1	2.08	0.28	2.35	1.57	71.52	ppb
Selenium	77-2	-1.66	0.16	3.91	0.81	352.80	ppb
Selenium	78-2	-0.41	2.29	-0.85	0.34	498.59	ppb
Silicon	28-1	198.23	201.31	209.32	202.95	2.82	ppb
Silver	107-1	0.01	0.01	0.00	0.01	126.17	ppb
Silver	109-1	0.02	0.00	0.01	0.01	104.54	ppb
Sodium	23-2	12434.66	12193.44	12456.47	12361.52	1.18	ppb
Strontium	86-1	79.13	79.66	78.74	79.18	0.58	ppb
Strontium	88-1	79.73	79.70	80.16	79.87	0.32	ppb
Sulfur	34-1	2911.56	2895.37	3825.53	3210.82	16.58	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.07	0.06	0.05	0.06	23.95	ppb
Thallium	205-1	0.05	0.07	0.06	0.06	19.13	ppb
Tin	118-1	-0.71	-0.67	-0.67	-0.68		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.37	0.25	0.23	0.28	26.69	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	47.45	ppb
Vanadium	51-2	0.17	0.19	0.12	0.16	21.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				90		%
Zinc	66-2	44.71	45.70	46.48	45.63	1.94	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	30.26	ppb
Zirconium	91-1	0.02	-0.02	-0.02	-0.01		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.63	12.39	11.18	11.73	5.21	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	59.04	ppb
Arsenic	75-2	0.05	0.10	0.03	0.06	55.28	ppb
Barium	135-1	137.06	142.81	139.75	139.87	2.06	ppb
Barium	137-1	143.59	141.12	143.55	142.76	0.99	ppb
Beryllium	9-1	0.51	0.52	0.43	0.49	10.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	17.48	17.27	17.05	17.27	1.25	ppb
Boron	11-1	17.72	18.33	17.81	17.95	1.83	ppb
Bromine	81-1						cps
Cadmium	111-1	0.06	0.04	0.00	0.03	106.31	ppb
Cadmium	106-1	-1.39	-0.74	-3.10	-1.74		ppb
Cadmium	108-1	-0.07	0.81	0.25	0.33	133.82	ppb
Calcium	43-1	8359.21	8332.59	8613.38	8435.06	1.84	ppb
Calcium	44-1	8519.31	8837.23	9068.36	8808.30	3.13	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.68	0.73	0.60	0.67	9.87	ppb
Cobalt	59-2	3.86	3.82	3.71	3.80	2.07	ppb
Copper	63-2	3.84	3.86	3.92	3.87	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	54-2	20.08	19.02	15.76	18.29	12.30	ppb
Iron	56-2	19.52	19.85	19.50	19.62	1.02	ppb
Iron	57-2	23.64	27.69	25.46	25.60	7.92	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.44	0.45	0.35	0.41	13.02	ppb
Lead	207-1	0.48	0.40	0.46	0.45	8.88	ppb
Lead	208-1	0.41	0.42	0.41	0.41	1.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	2447.47	2466.43	2466.76	2460.22	0.45	ppb
Manganese	55-2	48.74	48.61	48.01	48.45	0.81	ppb
Molybdenum	94-1	0.07	0.03	0.13	0.08	68.60	ppb
Molybdenum	95-1	0.05	0.06	0.02	0.04	43.43	ppb
Molybdenum	96-1	0.02	0.02	0.01	0.01	53.08	ppb
Molybdenum	97-1	0.01	0.06	0.01	0.03	111.98	ppb
Molybdenum	98-1	0.04	0.04	0.04	0.04	12.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.32	4.55	4.32	4.40	3.00	ppb
Phosphorus	31-2	19.33	-6.01	-12.91	0.14	12418.72	ppb
Potassium	39-2	3246.71	3292.16	3286.45	3275.11	0.76	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				87		%
Selenium	82-1	2.20	-0.35	1.79	1.21	113.10	ppb
Selenium	77-2	0.19	3.85	3.87	2.64	80.41	ppb
Selenium	78-2	-0.41	0.62	0.35	0.19	286.72	ppb
Silicon	28-1	170.39	167.38	177.54	171.77	3.04	ppb
Silver	107-1	0.01	0.01	-0.01	0.00	411.04	ppb
Silver	109-1	0.01	0.01	0.01	0.01	1.18	ppb
Sodium	23-2	7248.05	7421.24	7442.40	7370.56	1.45	ppb
Strontium	86-1	64.34	62.11	63.58	63.34	1.79	ppb
Strontium	88-1	63.36	61.73	62.98	62.69	1.36	ppb
Sulfur	34-1	1740.76	1179.41	2223.72	1714.63	30.48	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	0.04	0.02	0.09	0.05	72.77	ppb
Thallium	205-1	0.06	0.04	0.05	0.05	20.38	ppb
Tin	118-1	-0.89	-0.87	-0.82	-0.86		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.39	0.14	0.23	0.25	49.26	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.61	ppb
Vanadium	51-2	0.04	0.08	0.04	0.05	45.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				95		%
Yttrium	89-2				90		%
Zinc	66-2	26.66	26.24	25.75	26.22	1.73	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	44.97	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00	2184.52	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.09	5.03	6.51	5.54	15.10	ppb
Antimony	121-1	0.02	0.04	0.04	0.03	35.81	ppb
Arsenic	75-2	0.04	0.07	0.18	0.10	76.08	ppb
Barium	135-1	121.77	120.77	126.07	122.87	2.29	ppb
Barium	137-1	121.35	124.29	125.14	123.59	1.61	ppb
Beryllium	9-1	0.05	0.07	0.07	0.06	17.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	16.04	17.15	17.72	16.97	5.05	ppb
Boron	11-1	16.86	17.68	18.05	17.53	3.48	ppb
Bromine	81-1						cps
Cadmium	111-1	0.12	0.09	0.08	0.10	26.28	ppb
Cadmium	106-1	-1.00	-2.28	-0.23	-1.17		ppb
Cadmium	108-1	0.41	0.09	0.10	0.20	91.66	ppb
Calcium	43-1	9540.64	9428.64	9257.82	9409.04	1.51	ppb
Calcium	44-1	9921.98	9773.44	9574.21	9756.54	1.79	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.33	0.39	0.41	0.37	11.38	ppb
Cobalt	59-2	0.62	0.62	0.65	0.63	3.47	ppb
Copper	63-2	34.30	33.93	34.24	34.16	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				95		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	54-2	5.64	6.12	5.05	5.60	9.60	ppb
Iron	56-2	8.14	7.25	7.46	7.62	6.06	ppb
Iron	57-2	12.64	19.45	16.68	16.26	21.08	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.03	1.32	1.27	1.20	12.65	ppb
Lead	207-1	0.89	1.17	1.21	1.09	15.96	ppb
Lead	208-1	1.06	1.21	1.20	1.16	7.24	ppb
Lithium	6-1				101		%
Magnesium	24-2	2487.99	2494.39	2530.78	2504.39	0.92	ppb
Manganese	55-2	27.31	28.37	28.41	28.03	2.23	ppb
Molybdenum	94-1	0.18	0.15	0.21	0.18	14.87	ppb
Molybdenum	95-1	0.01	0.04	0.06	0.04	63.36	ppb
Molybdenum	96-1	0.06	0.05	0.05	0.05	16.79	ppb
Molybdenum	97-1	0.06	0.04	0.03	0.04	32.16	ppb
Molybdenum	98-1	0.03	0.03	0.09	0.05	72.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.71	2.81	2.83	2.78	2.25	ppb
Phosphorus	31-2	488.03	483.76	485.92	485.90	0.44	ppb
Potassium	39-2	3318.65	3322.21	3367.16	3336.01	0.81	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				98		%
Scandium	45-2				88		%
Selenium	82-1	1.56	2.45	1.15	1.72	38.51	ppb
Selenium	77-2	0.20	0.21	2.11	0.84	131.06	ppb
Selenium	78-2	-1.48	-0.12	2.24	0.21	881.92	ppb
Silicon	28-1	183.98	184.10	178.39	182.16	1.79	ppb
Silver	107-1	0.04	0.01	0.00	0.02	111.13	ppb
Silver	109-1	0.01	0.02	0.01	0.01	54.42	ppb
Sodium	23-2	12295.34	12310.99	12397.61	12334.65	0.45	ppb
Strontium	86-1	66.34	66.82	65.07	66.08	1.37	ppb
Strontium	88-1	65.68	64.52	67.46	65.88	2.24	ppb
Sulfur	34-1	1815.65	1618.49	992.32	1475.49	29.14	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	0.22	0.21	0.15	0.20	18.89	ppb
Thallium	205-1	0.24	0.20	0.22	0.22	9.35	ppb
Tin	118-1	-0.75	-0.79	-0.79	-0.78		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.54	0.49	0.40	0.48	14.53	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	17.31	ppb
Vanadium	51-2	0.12	0.09	0.11	0.10	16.04	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				88		%
Zinc	66-2	33.26	34.11	35.55	34.30	3.37	ppb
Zirconium	90-1	0.06	0.05	0.08	0.06	20.85	ppb
Zirconium	91-1	0.01	0.00	0.06	0.03	124.37	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.74	7.46	5.16	6.46	18.22	ppb
Antimony	121-1	0.04	0.02	0.03	0.03	43.13	ppb
Arsenic	75-2	0.08	0.04	0.04	0.05	37.10	ppb
Barium	135-1	162.55	124.87	116.85	134.75	18.11	ppb
Barium	137-1	168.67	124.03	119.71	137.47	19.72	ppb
Beryllium	9-1	0.13	0.09	0.07	0.10	34.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	20.70	16.67	16.14	17.84	14.00	ppb
Boron	11-1	21.80	17.42	17.40	18.87	13.43	ppb
Bromine	81-1						cps
Cadmium	111-1	0.15	0.05	0.12	0.10	47.73	ppb
Cadmium	106-1	-0.38	-0.48	-0.98	-0.61		ppb
Cadmium	108-1	0.76	0.27	0.47	0.50	49.45	ppb
Calcium	43-1	12250.63	9402.23	9366.03	10339.63	16.01	ppb
Calcium	44-1	12820.72	9613.71	9469.00	10634.48	17.82	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.50	0.47	0.52	0.50	5.91	ppb
Cobalt	59-2	0.66	0.60	0.67	0.64	6.21	ppb
Copper	63-2	33.62	33.35	32.69	33.22	1.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				92		%
Iron	54-2	7.14	9.97	7.83	8.31	17.75	ppb
Iron	56-2	7.90	8.40	7.62	7.97	4.96	ppb
Iron	57-2	13.13	14.90	17.54	15.19	14.61	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1.34	0.93	1.01	1.09	19.70	ppb
Lead	207-1	1.56	0.99	0.86	1.14	32.62	ppb
Lead	208-1	1.43	0.97	0.94	1.12	24.49	ppb
Lithium	6-1				95		%
Magnesium	24-2	2484.60	2524.61	2400.67	2469.96	2.56	ppb
Manganese	55-2	28.61	27.92	28.22	28.25	1.22	ppb
Molybdenum	94-1	0.23	0.20	0.18	0.20	11.91	ppb
Molybdenum	95-1	0.05	0.06	0.01	0.04	65.73	ppb
Molybdenum	96-1	0.01	0.02	0.01	0.01	75.67	ppb
Molybdenum	97-1	0.06	0.03	0.07	0.05	39.20	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	15.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.71	2.50	3.23	2.82	13.37	ppb
Phosphorus	31-2	361.17	372.89	394.19	376.09	4.45	ppb
Potassium	39-2	3302.30	3348.74	3325.25	3325.43	0.70	ppb
Rhodium	103-1				87		%
Rhodium	103-2				93		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	82-1	3.33	1.21	-0.21	1.45	123.58	ppb
Selenium	77-2	2.06	0.18	0.18	0.81	134.60	ppb
Selenium	78-2	-0.67	-0.01	0.84	0.05	1410.06	ppb
Silicon	28-1	240.20	179.39	178.58	199.39	17.73	ppb
Silver	107-1	0.01	0.02	0.02	0.02	58.16	ppb
Silver	109-1	0.02	0.02	0.02	0.02	8.20	ppb
Sodium	23-2	12298.95	12437.29	12102.05	12279.43	1.37	ppb
Strontium	86-1	85.24	67.31	67.65	73.40	13.97	ppb
Strontium	88-1	86.00	67.55	66.64	73.40	14.88	ppb
Sulfur	34-1	8006.49	1715.64	1448.90	3723.67	99.67	ppb
Terbium	159-1				95		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.17	0.12	0.16	23.91	ppb
Thallium	205-1	0.26	0.21	0.17	0.21	19.95	ppb
Tin	118-1	-0.72	-0.80	-0.80	-0.77		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.80	0.82	0.75	14.77	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	37.75	ppb
Vanadium	51-2	0.11	0.08	0.11	0.10	15.23	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				88		%
Yttrium	89-2				90		%
Zinc	66-2	33.56	32.90	33.17	33.21	1.00	ppb
Zirconium	90-1	0.07	0.06	0.05	0.06	16.14	ppb
Zirconium	91-1	0.08	0.05	0.04	0.06	34.02	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.19	0.76	1.65	1.20	37.00	ppb
Antimony	121-1	0.01	0.01	0.00	0.01	52.71	ppb
Arsenic	75-2	0.03	0.05	-0.02	0.02	207.94	ppb
Barium	135-1	23.19	23.97	23.79	23.65	1.73	ppb
Barium	137-1	24.13	24.41	24.89	24.48	1.58	ppb
Beryllium	9-1	0.01	0.02	0.02	0.02	27.92	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	9.29	10.25	10.04	9.86	5.12	ppb
Boron	11-1	9.68	10.24	10.40	10.11	3.74	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.04	-0.01	-0.08	-0.04		ppb
Cadmium	106-1	-3.22	-1.04	-3.35	-2.54		ppb
Cadmium	108-1	0.00	0.31	-0.07	0.08	254.53	ppb
Calcium	43-1	1823.28	1837.33	1883.73	1848.11	1.71	ppb
Calcium	44-1	1798.77	1778.07	1823.63	1800.16	1.27	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.20	0.19	0.23	0.21	9.36	ppb
Cobalt	59-2	0.13	0.12	0.12	0.13	5.97	ppb
Copper	63-2	6.67	6.44	6.99	6.70	4.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				93		%
Iron	54-2	1.39	-0.04	-1.61	-0.08		ppb
Iron	56-2	1.52	1.68	1.39	1.53	9.57	ppb
Iron	57-2	-1.49	5.98	5.35	3.28	126.37	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.21	0.20	0.35	0.25	33.34	ppb
Lead	207-1	0.21	0.15	0.25	0.20	25.33	ppb
Lead	208-1	0.19	0.15	0.26	0.20	27.23	ppb
Lithium	6-1				105		%
Magnesium	24-2	498.17	479.86	494.02	490.68	1.96	ppb
Manganese	55-2	5.59	5.26	5.45	5.43	3.05	ppb
Molybdenum	94-1	0.06	0.01	0.04	0.04	64.85	ppb
Molybdenum	95-1	0.01	0.03	0.02	0.02	50.61	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	307.78	ppb
Molybdenum	97-1	0.05	0.02	0.01	0.02	83.82	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.00	235.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.54	0.58	0.60	12.05	ppb
Phosphorus	31-2	113.39	68.79	116.33	99.51	26.77	ppb
Potassium	39-2	643.59	636.84	656.54	645.66	1.55	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				89		%
Selenium	82-1	-0.41	0.75	0.54	0.29	211.65	ppb
Selenium	77-2	0.15	-1.66	0.15	-0.45		ppb
Selenium	78-2	-1.45	-1.57	-0.67	-1.23		ppb
Silicon	28-1	34.77	34.99	36.75	35.50	3.06	ppb
Silver	107-1	0.01	-0.01	-0.01	0.00		ppb
Silver	109-1	0.00	0.00	0.01	0.00	73.86	ppb
Sodium	23-2	2317.23	2257.53	2324.62	2299.80	1.60	ppb
Strontium	86-1	13.30	12.92	12.78	13.00	2.06	ppb
Strontium	88-1	12.71	12.83	12.69	12.74	0.58	ppb
Sulfur	34-1	-2056.54	-1940.67	-1832.95	-1943.39		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.02	0.03	0.04	64.06	ppb
Thallium	205-1	0.02	0.03	0.07	0.04	62.72	ppb
Tin	118-1	0.56	0.63	0.73	0.64	13.08	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.14	0.11	0.15	0.14	14.29	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.02	0.03	0.04	0.03	31.18	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	6.30	7.08	6.83	6.74	5.92	ppb
Zirconium	90-1	0.00	0.01	0.02	0.01	93.98	ppb
Zirconium	91-1	-0.02	-0.01	0.02	0.00		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2038.80	1991.56	2019.21	2016.53	1.18	ppb
Antimony	121-1	92.95	97.07	100.99	97.01	4.14	ppb
Arsenic	75-2	43.55	41.81	42.67	42.68	2.04	ppb
Barium	135-1	2050.16	2139.57	2028.01	2072.58	2.85	ppb
Barium	137-1	2075.15	2140.85	2259.62	2158.54	4.33	ppb
Beryllium	9-1	46.08	49.11	51.62	48.94	5.66	ppb
Bismuth	209-1				108		%
Bismuth	209-2				97		%
Boron	10-1	13.00	14.03	14.65	13.89	6.01	ppb
Boron	11-1	13.37	14.90	15.52	14.60	7.60	ppb
Bromine	81-1						cps
Cadmium	111-1	50.11	51.11	52.26	51.16	2.10	ppb
Cadmium	106-1	36.14	40.04	42.03	39.40	7.61	ppb
Cadmium	108-1	41.68	45.58	47.80	45.02	6.88	ppb
Calcium	43-1	8576.18	9194.66	9251.52	9007.45	4.16	ppb
Calcium	44-1	8731.08	9313.56	9481.98	9175.54	4.29	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	214.87	212.36	214.33	213.85	0.62	ppb
Cobalt	59-2	521.53	512.73	521.26	518.51	0.96	ppb
Copper	63-2	285.37	288.06	289.17	287.53	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				95		%
Indium	115-1				100		%
Indium	115-2				90		%
Iron	54-2	1230.78	1196.98	1222.36	1216.70	1.45	ppb
Iron	56-2	1071.29	1055.90	1068.66	1065.28	0.77	ppb
Iron	57-2	1027.79	1022.67	1071.68	1040.71	2.59	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.56	20.11	20.30	19.66	4.86	ppb
Lead	207-1	18.92	20.73	20.69	20.11	5.14	ppb
Lead	208-1	18.78	20.19	20.95	19.97	5.49	ppb
Lithium	6-1				105		%
Magnesium	24-2	2432.37	2448.63	2493.76	2458.25	1.29	ppb
Manganese	55-2	522.54	514.31	527.16	521.34	1.25	ppb
Molybdenum	94-1	0.15	0.18	0.15	0.16	10.55	ppb
Molybdenum	95-1	0.03	0.12	0.05	0.07	66.93	ppb
Molybdenum	96-1	0.07	0.10	0.02	0.06	60.16	ppb
Molybdenum	97-1	0.08	0.05	0.06	0.06	23.72	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	18.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	559.18	545.02	543.47	549.22	1.58	ppb
Phosphorus	31-2	438.17	538.84	561.74	512.92	12.82	ppb
Potassium	39-2	3337.72	3283.55	3287.56	3302.94	0.91	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	82-1	95.62	102.49	104.49	100.87	4.62	ppb
Selenium	77-2	120.54	105.86	91.14	105.85	13.89	ppb
Selenium	78-2	97.87	98.63	105.56	100.69	4.21	ppb
Silicon	28-1	168.52	173.91	180.33	174.26	3.39	ppb
Silver	107-1	39.69	40.88	41.70	40.76	2.49	ppb
Silver	109-1	39.82	41.02	41.88	40.91	2.53	ppb
Sodium	23-2	12213.82	11883.78	12208.50	12102.03	1.56	ppb
Strontium	86-1	59.75	65.24	66.71	63.90	5.75	ppb
Strontium	88-1	61.07	64.52	65.97	63.85	3.94	ppb
Sulfur	34-1	500.90	1233.80	1287.53	1007.41	43.62	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	45.19	47.99	48.40	47.20	3.70	ppb
Thallium	205-1	45.70	48.73	49.27	47.90	4.02	ppb
Tin	118-1	-0.50	-0.47	-0.38	-0.45		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.22	0.43	0.48	0.38	37.71	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	46.63	ppb
Vanadium	51-2	528.76	519.03	524.98	524.26	0.94	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				89		%
Zinc	66-2	560.70	549.97	556.97	555.88	0.98	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	33.40	ppb
Zirconium	91-1	0.07	0.01	0.09	0.06	75.26	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53872.77	53385.37	53078.50	53445.55	0.75	ppb
Antimony	121-1	458.35	479.26	461.79	466.47	2.40	ppb
Arsenic	75-2	485.93	485.18	490.44	487.19	0.58	ppb
Barium	135-1	2353.59	2479.27	2410.38	2414.41	2.61	ppb
Barium	137-1	2315.33	2470.24	2435.03	2406.87	3.37	ppb
Beryllium	9-1	482.65	490.55	491.54	488.25	1.00	ppb
Bismuth	209-1				120		%
Bismuth	209-2				101		%
Boron	10-1	508.21	536.77	567.20	537.40	5.49	ppb
Boron	11-1	516.88	573.43	580.01	556.77	6.23	ppb
Bromine	81-1						cps
Cadmium	111-1	494.43	506.99	497.72	499.71	1.30	ppb
Cadmium	106-1	487.10	498.13	493.88	493.04	1.13	ppb
Cadmium	108-1	473.84	495.57	495.89	488.43	2.59	ppb
Calcium	43-1	257573.04	255586.96	259727.55	257629.18	0.80	ppb
Calcium	44-1	252275.30	244672.41	243021.99	246656.57	2.00	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	497.93	500.66	498.55	499.05	0.29	ppb
Cobalt	59-2	467.64	469.26	474.12	470.34	0.72	ppb
Copper	63-2	5250.94	5281.60	5202.21	5244.92	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	54-2	127257.89	126358.82	125051.38	126222.70	0.88	ppb
Iron	56-2	125743.18	125604.96	127126.60	126158.25	0.67	ppb
Iron	57-2	126775.64	125623.01	125986.81	126128.49	0.47	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2358.35	2449.64	2491.24	2433.08	2.79	ppb
Lead	207-1	2376.10	2545.91	2426.50	2449.51	3.56	ppb
Lead	208-1	2363.75	2465.72	2451.81	2427.10	2.28	ppb
Lithium	6-1				110		%
Magnesium	24-2	255331.58	264304.47	254372.33	258002.79	2.12	ppb
Manganese	55-2	5025.14	5007.25	4948.22	4993.53	0.81	ppb
Molybdenum	94-1	5131.04	5342.85	5299.07	5257.65	2.13	ppb
Molybdenum	95-1	5166.30	5430.83	5398.72	5331.95	2.71	ppb
Molybdenum	96-1	5215.10	5397.87	5252.20	5288.39	1.83	ppb
Molybdenum	97-1	5191.17	5355.04	5267.64	5271.28	1.56	ppb
Molybdenum	98-1	5195.11	5450.00	5211.68	5285.60	2.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.85	494.31	492.80	491.65	0.69	ppb
Phosphorus	31-2	10560.38	10185.21	9964.27	10236.62	2.94	ppb
Potassium	39-2	124983.45	124665.08	125255.20	124967.91	0.24	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				106		%
Scandium	45-2				93		%
Selenium	82-1	461.48	483.29	469.85	471.54	2.33	ppb
Selenium	77-2	502.27	494.31	560.13	518.90	6.92	ppb
Selenium	78-2	491.03	486.84	487.79	488.55	0.45	ppb
Silicon	28-1	590.52	593.06	584.70	589.43	0.73	ppb
Silver	107-1	524.55	533.65	521.63	526.61	1.19	ppb
Silver	109-1	524.86	528.21	510.19	521.09	1.84	ppb
Sodium	23-2	249885.87	257184.69	254804.58	253958.38	1.47	ppb
Strontium	86-1	4619.91	4837.03	4646.26	4701.07	2.52	ppb
Strontium	88-1	4701.14	4862.48	4721.83	4761.82	1.84	ppb
Sulfur	34-1	9065.12	9606.26	9194.95	9288.78	3.04	ppb
Terbium	159-1				115		%
Terbium	159-2				106		%
Thallium	203-1	436.41	445.99	444.82	442.41	1.18	ppb
Thallium	205-1	467.31	482.98	490.32	480.20	2.45	ppb
Tin	118-1	451.40	455.69	459.32	455.47	0.87	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5307.70	5332.44	5282.18	5307.44	0.47	ppb
Uranium	238-1	493.04	492.33	504.01	496.46	1.32	ppb
Vanadium	51-2	496.70	497.88	498.00	497.53	0.14	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				95		%
Zinc	66-2	4867.02	4944.36	4889.60	4900.33	0.81	ppb
Zirconium	90-1	480.54	499.90	498.67	493.04	2.20	ppb
Zirconium	91-1	461.77	475.95	470.29	469.33	1.52	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P8
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:39:09	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.03	3.79	2.47	3.43	24.53	ppb
Antimony	121-1	0.07	0.05	0.06	0.06	20.06	ppb
Arsenic	75-2	0.03	0.03	0.06	0.04	33.02	ppb
Barium	135-1	0.11	0.07	0.10	0.09	20.42	ppb
Barium	137-1	0.12	0.13	0.10	0.12	14.33	ppb
Beryllium	9-1	0.08	0.08	0.04	0.07	36.23	ppb
Bismuth	209-1				112		%
Bismuth	209-2				98		%
Boron	10-1	31.49	30.65	30.99	31.04	1.37	ppb
Boron	11-1	32.02	31.82	31.33	31.73	1.11	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.10	-0.10	-0.07	-0.09		ppb
Cadmium	106-1	-4.97	-3.24	-3.57	-3.93		ppb
Cadmium	108-1	0.00	0.50	0.01	0.17	171.42	ppb
Calcium	43-1	2.90	3.31	5.87	4.03	39.97	ppb
Calcium	44-1	-0.46	-3.07	-3.26	-2.26		ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.09	0.04	0.06	42.52	ppb
Cobalt	59-2	0.04	0.02	0.04	0.04	38.58	ppb
Copper	63-2	0.45	0.26	0.33	0.35	28.24	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				93		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	54-2	8.40	11.02	3.06	7.49	54.17	ppb
Iron	56-2	10.51	6.88	5.37	7.59	34.82	ppb
Iron	57-2	5.05	7.44	0.51	4.34	81.16	ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P8
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:39:09	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.07	0.14	0.14	0.12	34.05	ppb
Lead	207-1	0.07	0.15	0.09	0.10	41.29	ppb
Lead	208-1	0.07	0.12	0.10	0.10	22.45	ppb
Lithium	6-1				106		%
Magnesium	24-2	19.59	22.56	9.90	17.35	38.14	ppb
Manganese	55-2	0.50	0.35	0.26	0.37	32.96	ppb
Molybdenum	94-1	0.30	0.19	0.24	0.24	21.92	ppb
Molybdenum	95-1	0.34	0.23	0.26	0.28	20.87	ppb
Molybdenum	96-1	0.21	0.27	0.18	0.22	21.51	ppb
Molybdenum	97-1	0.23	0.22	0.21	0.22	5.07	ppb
Molybdenum	98-1	0.25	0.27	0.20	0.24	15.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	0.01	0.03	-0.01		ppb
Phosphorus	31-2	-26.17	-12.84	-5.20	-14.74		ppb
Potassium	39-2	8.94	14.46	12.14	11.85	23.41	ppb
Rhodium	103-1				97		%
Rhodium	103-2				91		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	82-1	1.66	0.79	2.11	1.52	43.96	ppb
Selenium	77-2	0.21	-1.66	0.22	-0.41		ppb
Selenium	78-2	-0.78	-0.91	0.41	-0.43		ppb
Silicon	28-1	-1.11	-0.93	-0.97	-1.00		ppb
Silver	107-1	0.03	0.04	0.03	0.03	19.30	ppb
Silver	109-1	0.04	0.05	0.04	0.04	15.52	ppb
Sodium	23-2	32.19	46.04	23.03	33.75	34.32	ppb
Strontium	86-1	0.14	0.23	0.17	0.18	24.10	ppb
Strontium	88-1	0.19	0.16	0.15	0.16	12.96	ppb
Sulfur	34-1	-1111.59	-1008.23	-1575.41	-1231.75		ppb
Terbium	159-1				106		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.06	0.08	0.07	18.19	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	11.85	ppb
Tin	118-1	-0.43	-0.38	-0.47	-0.42		ppb

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P8
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:39:09	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.06	0.18	0.20	0.15	49.81	ppb
Uranium	238-1	0.02	0.01	0.01	0.01	36.23	ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	18.66	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				97		%
Yttrium	89-2				88		%
Zinc	66-2	0.42	0.38	0.39	0.40	5.94	ppb
Zirconium	90-1	0.02	0.01	0.03	0.02	53.27	ppb
Zirconium	91-1	0.00	0.06	0.01	0.02	150.18	ppb

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE002 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 09:37:41 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94	121	106	107	12.86	cps
Antimony	121-1	758	675	633	689	9.24	cps
Arsenic	75-2	49	54	32	45	25.64	cps
Barium	135-1	183	100	58	114	55.88	cps
Barium	137-1	217	192	183	197	8.79	cps
Beryllium	9-1	546	380	380	435	22.02	cps
Bismuth	209-1	1567758	1613522	1513946	1565075	3.18	cps
Bismuth	209-2	1136985	1128123	1151482	1138863	1.04	cps
Boron	10-1	404	414	478	432	9.29	cps
Boron	11-1	2240	2470	2080	2263	8.66	cps
Bromine	81-1	22732	22692	23765	23063	2.64	cps
Cadmium	111-1	457	583	542	527	12.25	cps
Cadmium	106-1	2742	2825	2717	2761	2.05	cps
Cadmium	108-1	667	575	496	579	14.76	cps
Calcium	43-1	340	301	321	321	6.04	cps
Calcium	44-1	31938	31376	31701	31672	0.89	cps
Carbon	12-1	4633806	4651229	4690786	4658607	0.63	cps
Carbon	12-2	43549	43983	44576	44036	1.17	cps
Chlorine	35-1	2007780	2000777	1986244	1998267	0.55	cps
Chlorine	35-2	14449	13674	13056	13726	5.09	cps
Chromium	52-2	463	520	510	498	6.08	cps
Cobalt	59-2	253	167	203	208	20.94	cps
Copper	63-2	920	780	777	826	9.91	cps
Dysprosium	156-1	17	67	8	31	103.26	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	7	17	3	9	78.08	cps
Gadolinium	160-1	67	33	42	47	36.74	cps
Gadolinium	160-2	43	30	43	39	19.79	cps
Holmium	165-1	3083321	3160284	3222724	3155443	2.21	cps
Holmium	165-2	1846869	1888070	1855050	1863330	1.17	cps
Indium	115-1	3577597	3507252	3341876	3475575	3.48	cps
Indium	115-2	618587	626797	628009	624464	0.82	cps
Iron	54-2	600	483	528	537	10.96	cps
Iron	56-2	5023	5340	5257	5207	3.15	cps
Iron	57-2	283	250	328	287	13.59	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 09:37:41	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	810	767	793	790	2.77	cps
Lead	206-1	578	572	556	569	2.03	cps
Lead	207-1	511	478	439	476	7.59	cps
Lead	208-1	2561	2572	2189	2441	8.94	cps
Lithium	6-1	1451283	1472463	1522784	1482177	2.48	cps
Magnesium	24-2	667	725	758	717	6.47	cps
Manganese	55-2	97	97	143	112	24.01	cps
Molybdenum	94-1	617	450	500	522	16.38	cps
Molybdenum	95-1	917	792	750	819	10.59	cps
Molybdenum	96-1	1225	1067	983	1092	11.25	cps
Molybdenum	97-1	783	458	525	589	29.15	cps
Molybdenum	98-1	1425	1183	983	1197	18.47	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	387	400	377	388	3.02	cps
Phosphorus	31-2	92	75	100	89	14.32	cps
Potassium	39-2	21266	21333	21308	21302	0.16	cps
Rhodium	103-1	3378339	3461333	3356448	3398707	1.63	cps
Rhodium	103-2	1790499	1768516	1766951	1775322	0.74	cps
Scandium	45-1	2937802	3028017	3010544	2992121	1.60	cps
Scandium	45-2	102170	101630	101928	101909	0.27	cps
Selenium	82-1	10	-3	-9	-1	-1459.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	84	101	94	93	9.19	cps
Silicon	28-1	968096	966028	978583	970902	0.69	cps
Silver	107-1	92	100	58	83	26.45	cps
Silver	109-1	42	50	50	47	10.18	cps
Sodium	23-2	13899	13749	13473	13707	1.57	cps
Strontium	86-1	1467	1542	1200	1403	12.80	cps
Strontium	88-1	1875	1658	1642	1725	7.55	cps
Sulfur	34-1	341241	346350	343429	343673	0.75	cps
Terbium	159-1	3634562	3520019	3362376	3505653	3.90	cps
Terbium	159-2	1877440	1906432	1851761	1878544	1.46	cps
Thallium	203-1	1942	1659	1750	1784	8.11	cps
Thallium	205-1	4176	3976	3926	4026	3.29	cps
Tin	118-1	1475	1175	1150	1267	14.28	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 09:37:41	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	383	408	267	353	21.43	cps
Uranium	238-1	700	767	600	689	12.18	cps
Vanadium	51-2	97	73	50	73	31.82	cps
Ytterbium	172-1	242	50	117	136	71.49	cps
Ytterbium	172-2	78	61	56	65	17.84	cps
Ytterbium	176-1	775	700	708	728	5.65	cps
Ytterbium	176-2	1950	2128	1928	2002	5.48	cps
Yttrium	89-1	5902226	5823510	5835155	5853630	0.73	cps
Yttrium	89-2	685574	693323	696456	691784	0.81	cps
Zinc	66-2	203	177	213	198	9.58	cps
Zirconium	90-1	467	450	500	472	5.39	cps
Zirconium	91-1	42	108	92	81	43.07	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80	79	101	87	14.59	cps
Antimony	121-1	17	42	17	25	57.73	cps
Arsenic	75-2	6	4	4	5	24.74	cps
Barium	135-1	25	8	8	14	69.31	cps
Barium	137-1	8	17	25	17	50.01	cps
Beryllium	9-1	26	32	38	32	18.76	cps
Bismuth	209-1	1536618	1582965	1515786	1545123	2.23	cps
Bismuth	209-2	1079722	1082377	1095946	1086015	0.80	cps
Boron	10-1	212	172	196	193	10.41	cps
Boron	11-1	978	900	920	933	4.34	cps
Bromine	81-1	21077	21870	21038	21328	2.20	cps
Cadmium	111-1	228	258	235	240	6.62	cps
Cadmium	106-1	1150	1258	1150	1186	5.27	cps
Cadmium	108-1	21	8	17	15	41.67	cps
Calcium	43-1	231	235	257	241	5.89	cps
Calcium	44-1	18391	18446	18675	18504	0.81	cps
Carbon	12-1	4873230	4913633	4838163	4875009	0.77	cps
Carbon	12-2	46842	43674	45663	45393	3.53	cps
Chlorine	35-1	198818	198473	199033	198775	0.14	cps
Chlorine	35-2	1275	1700	1175	1383	20.15	cps
Chromium	52-2	347	283	283	304	12.01	cps
Cobalt	59-2	43	37	33	38	13.48	cps
Copper	63-2	500	540	433	491	10.97	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	7	3	17	9	78.08	cps
Gadolinium	160-1	25	33	25	28	17.31	cps
Gadolinium	160-2	30	17	37	28	36.66	cps
Holmium	165-1	3244067	3062212	3072215	3126165	3.27	cps
Holmium	165-2	1747331	1824997	1809028	1793785	2.29	cps
Indium	115-1	3278966	3451311	3247645	3325974	3.30	cps
Indium	115-2	592262	590931	594510	592568	0.31	cps
Iron	54-2	622	600	528	583	8.47	cps
Iron	56-2	3089	2850	3150	3030	5.23	cps
Iron	57-2	222	250	272	248	10.10	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	767	860	783	803	6.20	cps
Lead	206-1	233	278	228	246	11.13	cps
Lead	207-1	278	167	222	222	25.00	cps
Lead	208-1	950	1000	1067	1006	5.82	cps
Lithium	6-1	1441517	1460882	1496001	1466133	1.88	cps
Magnesium	24-2	542	492	533	522	5.13	cps
Manganese	55-2	113	50	90	84	37.93	cps
Molybdenum	94-1	83	125	158	122	30.74	cps
Molybdenum	95-1	8	17	0	8	100.02	cps
Molybdenum	96-1	108	108	125	114	8.45	cps
Molybdenum	97-1	0	0	8	3	173.21	cps
Molybdenum	98-1	33	58	17	36	58.08	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	240	213	230	228	5.91	cps
Phosphorus	31-2	117	67	100	94	26.96	cps
Potassium	39-2	20215	20407	19923	20181	1.21	cps
Rhodium	103-1	3386537	3234087	3323243	3314623	2.31	cps
Rhodium	103-2	1711185	1652582	1674255	1679341	1.76	cps
Scandium	45-1	2678160	2761021	2711113	2716764	1.54	cps
Scandium	45-2	98280	97488	96954	97574	0.68	cps
Selenium	82-1	1	-103	-76	-59	-90.40	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	83	80	87	83	4.21	cps
Silicon	28-1	746586	747362	754080	749343	0.55	cps
Silver	107-1	50	33	17	33	50.00	cps
Silver	109-1	17	17	8	14	34.67	cps
Sodium	23-2	10896	11063	10904	10954	0.86	cps
Strontium	86-1	1133	1175	1233	1181	4.25	cps
Strontium	88-1	108	92	117	106	12.06	cps
Sulfur	34-1	336087	336172	333957	335406	0.37	cps
Terbium	159-1	3255503	3349665	3300036	3301735	1.43	cps
Terbium	159-2	1756623	1789267	1766705	1770865	0.94	cps
Thallium	203-1	92	50	92	78	30.93	cps
Thallium	205-1	125	200	192	172	23.87	cps
Tin	118-1	2609	2725	2325	2553	8.06	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:14:00	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	192	200	200	197	2.44	cps
Uranium	238-1	17	8	25	17	50.01	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Ytterbium	172-1	8	25	0	11	114.58	cps
Ytterbium	172-2	6	6	0	4	86.60	cps
Ytterbium	176-1	267	458	425	383	26.71	cps
Ytterbium	176-2	2067	2122	1922	2037	5.07	cps
Yttrium	89-1	5521033	5741982	5427186	5563401	2.91	cps
Yttrium	89-2	657670	663218	657551	659479	0.49	cps
Zinc	66-2	113	110	90	104	12.08	cps
Zirconium	90-1	325	300	333	319	5.43	cps
Zirconium	91-1	108	75	83	89	19.52	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	590	595	619	601	2.55	cps
Antimony	121-1	5326	5343	4976	5215	3.97	cps
Arsenic	75-2	97	126	104	109	13.88	cps
Barium	135-1	6227	6485	6302	6338	2.10	cps
Barium	137-1	10629	10913	10696	10746	1.38	cps
Beryllium	9-1	822	778	868	823	5.47	cps
Bismuth	209-1	1536239	1492405	1480064	1502903	1.96	cps
Bismuth	209-2	1066595	1089933	1083635	1080055	1.12	cps
Boron	10-1	1594	1922	1714	1743	9.52	cps
Boron	11-1	8099	8463	8881	8481	4.62	cps
Bromine	81-1	20366	20887	21168	20807	1.96	cps
Cadmium	111-1	844	828	851	841	1.42	cps
Cadmium	106-1	1275	1250	1292	1272	1.65	cps
Cadmium	108-1	46	79	88	71	31.13	cps
Calcium	43-1	5277	5472	5358	5369	1.83	cps
Calcium	44-1	102320	104132	103683	103379	0.91	cps
Carbon	12-1	4722721	4749410	4793042	4755058	0.75	cps
Carbon	12-2	46206	45237	44710	45385	1.67	cps
Chlorine	35-1	189110	190483	190685	190092	0.45	cps
Chlorine	35-2	1342	1400	1425	1389	3.08	cps
Chromium	52-2	2370	2250	2474	2365	4.73	cps
Cobalt	59-2	2087	1837	1780	1901	8.58	cps
Copper	63-2	3310	3440	3357	3369	1.95	cps
Dysprosium	156-1	33	17	8	19	65.47	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	42	50	25	39	32.73	cps
Gadolinium	160-2	13	33	20	22	45.83	cps
Holmium	165-1	3079161	3172837	3100757	3117585	1.57	cps
Holmium	165-2	1751111	1815519	1748839	1771823	2.14	cps
Indium	115-1	3360244	3311238	3303148	3324877	0.93	cps
Indium	115-2	596137	594287	599007	596477	0.40	cps
Iron	54-2	2678	2739	2700	2706	1.14	cps
Iron	56-2	43617	42641	42497	42918	1.42	cps
Iron	57-2	1233	1245	1300	1259	2.84	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	813	793	783	4.60	cps
Lead	206-1	1589	1556	1606	1583	1.61	cps
Lead	207-1	1428	1406	1300	1378	4.96	cps
Lead	208-1	6345	6662	6040	6349	4.90	cps
Lithium	6-1	1571790	1497379	1490628	1519932	2.96	cps
Magnesium	24-2	39972	38025	38752	38916	2.53	cps
Manganese	55-2	697	667	683	682	2.20	cps
Molybdenum	94-1	7052	7052	6994	7033	0.48	cps
Molybdenum	95-1	8278	7969	7561	7936	4.53	cps
Molybdenum	96-1	9287	8995	9103	9128	1.62	cps
Molybdenum	97-1	5126	5201	5009	5112	1.89	cps
Molybdenum	98-1	12956	12498	12957	12804	2.07	cps
Neodymium	150-1	20	13	13	16	24.76	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	710	743	720	724	2.36	cps
Phosphorus	31-2	133	92	125	117	18.90	cps
Potassium	39-2	52629	50238	52186	51685	2.46	cps
Rhodium	103-1	3233214	3106404	3243638	3194419	2.39	cps
Rhodium	103-2	1701566	1744644	1693307	1713172	1.61	cps
Scandium	45-1	2739449	2754986	2714355	2736263	0.75	cps
Scandium	45-2	99173	98739	98582	98831	0.31	cps
Selenium	82-1	276	211	237	241	13.61	cps
Selenium	77-2	10	17	0	9	94.38	cps
Selenium	78-2	125	112	131	123	7.92	cps
Silicon	28-1	775815	783445	783190	780817	0.56	cps
Silver	107-1	3484	3426	3617	3509	2.80	cps
Silver	109-1	3017	3217	3276	3170	4.28	cps
Sodium	23-2	86674	84662	85936	85757	1.19	cps
Strontium	86-1	2234	2259	2034	2175	5.67	cps
Strontium	88-1	9620	9971	9470	9687	2.65	cps
Sulfur	34-1	329377	326576	329769	328574	0.53	cps
Terbium	159-1	3312638	3293146	3210952	3272245	1.65	cps
Terbium	159-2	1784007	1804980	1755991	1781659	1.38	cps
Thallium	203-1	1784	1925	1592	1767	9.47	cps
Thallium	205-1	4009	4201	4051	4087	2.47	cps
Tin	118-1	13615	14166	13640	13807	2.25	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:20:14	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2634	3009	3142	2928	9.00	cps
Uranium	238-1	4851	4643	4868	4787	2.62	cps
Vanadium	51-2	4177	4201	4081	4153	1.53	cps
Ytterbium	172-1	33	8	17	19	65.47	cps
Ytterbium	172-2	6	0	17	7	114.54	cps
Ytterbium	176-1	367	367	333	356	5.41	cps
Ytterbium	176-2	1884	1939	2067	1963	4.79	cps
Yttrium	89-1	5598975	5611886	5459735	5556866	1.52	cps
Yttrium	89-2	661686	668686	666713	665695	0.54	cps
Zinc	66-2	550	490	523	521	5.77	cps
Zirconium	90-1	5935	5710	5526	5724	3.58	cps
Zirconium	91-1	1500	1542	1350	1464	6.89	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29878	29521	29380	29593	0.87	cps
Antimony	121-1	139730	138415	138229	138791	0.59	cps
Arsenic	75-2	5307	5262	5128	5232	1.77	cps
Barium	135-1	181116	178634	175376	178375	1.61	cps
Barium	137-1	298666	303470	310568	304234	1.97	cps
Beryllium	9-1	40700	39717	40261	40226	1.22	cps
Bismuth	209-1	1636274	1537612	1683123	1619003	4.59	cps
Bismuth	209-2	1098196	1194066	1050022	1114095	6.58	cps
Boron	10-1	8495	8967	9595	9019	6.12	cps
Boron	11-1	41518	44849	46141	44170	5.40	cps
Bromine	81-1	19664	19885	19845	19798	0.59	cps
Cadmium	111-1	33881	33417	34604	33968	1.76	cps
Cadmium	106-1	4784	4943	5043	4923	2.65	cps
Cadmium	108-1	2754	2621	2584	2653	3.38	cps
Calcium	43-1	58857	57749	57765	58124	1.09	cps
Calcium	44-1	998347	990667	989393	992802	0.49	cps
Carbon	12-1	4817527	4893371	4934009	4881635	1.21	cps
Carbon	12-2	47369	47553	46742	47221	0.90	cps
Chlorine	35-1	190949	185867	181402	186073	2.57	cps
Chlorine	35-2	1383	1300	1417	1367	4.40	cps
Chromium	52-2	57144	56190	56056	56463	1.05	cps
Cobalt	59-2	96878	98286	98947	98037	1.08	cps
Copper	63-2	747013	746045	736101	743053	0.81	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	25	92	42	105.84	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	25	33	58	39	44.61	cps
Gadolinium	160-2	33	37	43	38	13.48	cps
Holmium	165-1	3162636	3190274	3054416	3135775	2.29	cps
Holmium	165-2	1823611	1954398	1725772	1834594	6.25	cps
Indium	115-1	3341932	3324298	3275214	3313815	1.04	cps
Indium	115-2	596864	649931	574988	607261	6.35	cps
Iron	54-2	119993	120000	122621	120871	1.25	cps
Iron	56-2	2316144	2268684	2241681	2275503	1.66	cps
Iron	57-2	54381	52692	55385	54153	2.51	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	807	700	883	797	11.56	cps
Lead	206-1	366956	370068	362106	366377	1.10	cps
Lead	207-1	330595	318310	315637	321514	2.48	cps
Lead	208-1	1465861	1461505	1458574	1461980	0.25	cps
Lithium	6-1	1529054	1489939	1521824	1513606	1.38	cps
Magnesium	24-2	419844	423073	413177	418698	1.21	cps
Manganese	55-2	286703	285314	283070	285029	0.64	cps
Molybdenum	94-1	667999	643235	657443	656226	1.89	cps
Molybdenum	95-1	953025	943410	938689	945041	0.77	cps
Molybdenum	96-1	1022130	1027546	998026	1015901	1.55	cps
Molybdenum	97-1	563524	569075	564051	565550	0.54	cps
Molybdenum	98-1	1497060	1525986	1498884	1507310	1.07	cps
Neodymium	150-1	0	27	13	13	100.01	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	26291	25513	25583	25796	1.67	cps
Phosphorus	31-2	1567	1592	1567	1575	0.92	cps
Potassium	39-2	196651	198494	196093	197079	0.64	cps
Rhodium	103-1	3363055	3321583	3342738	3342459	0.62	cps
Rhodium	103-2	1726812	1853945	1683979	1754912	5.04	cps
Scandium	45-1	2862520	2817833	2787504	2822619	1.34	cps
Scandium	45-2	99599	108808	95336	101247	6.80	cps
Selenium	82-1	2992	3202	2877	3024	5.44	cps
Selenium	77-2	90	103	160	118	31.56	cps
Selenium	78-2	448	466	464	459	2.15	cps
Silicon	28-1	3375330	3360880	3293874	3343362	1.30	cps
Silver	107-1	186284	183502	182390	184059	1.09	cps
Silver	109-1	176568	175255	172925	174916	1.05	cps
Sodium	23-2	841105	846270	840378	842584	0.38	cps
Strontium	86-1	610498	618473	612182	613717	0.68	cps
Strontium	88-1	5260499	5277048	5380736	5306094	1.23	cps
Sulfur	34-1	344282	339899	335882	340021	1.24	cps
Terbium	159-1	3489231	3329284	3402557	3407024	2.35	cps
Terbium	159-2	1808941	1986782	1772763	1856162	6.17	cps
Thallium	203-1	95855	93146	95787	94930	1.63	cps
Thallium	205-1	221895	215944	213872	217237	1.92	cps
Tin	118-1	126158	126040	124087	125428	0.93	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:23:29	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	337417	335035	332120	334857	0.79	cps
Uranium	238-1	245495	243656	252137	247096	1.81	cps
Vanadium	51-2	45535	45860	45954	45783	0.48	cps
Ytterbium	172-1	8	33	33	25	57.74	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	725	700	758	728	4.02	cps
Ytterbium	176-2	2217	2467	2084	2256	8.63	cps
Yttrium	89-1	5699417	5535424	5772327	5669056	2.14	cps
Yttrium	89-2	670893	719102	649547	679847	5.24	cps
Zinc	66-2	81091	81221	80977	81096	0.15	cps
Zirconium	90-1	320993	327518	320365	322959	1.23	cps
Zirconium	91-1	71852	72581	72523	72319	0.56	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 11:26:32 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74606	73090	73738	73812	1.03	cps
Antimony	121-1	347224	343880	347449	346184	0.58	cps
Arsenic	75-2	12926	12953	12889	12923	0.25	cps
Barium	135-1	442386	441535	454709	446210	1.65	cps
Barium	137-1	753261	781248	776613	770374	1.95	cps
Beryllium	9-1	101077	101069	102104	101417	0.59	cps
Bismuth	209-1	1578747	1538935	1629145	1582275	2.86	cps
Bismuth	209-2	1118196	1101561	1134095	1117950	1.46	cps
Boron	10-1	21590	23558	25295	23481	7.89	cps
Boron	11-1	107277	116521	122813	115537	6.76	cps
Bromine	81-1	21348	21128	20276	20917	2.71	cps
Cadmium	111-1	84073	85351	85179	84867	0.82	cps
Cadmium	106-1	10496	11388	10696	10860	4.31	cps
Cadmium	108-1	6806	6956	6848	6870	1.13	cps
Calcium	43-1	144898	144392	146835	145375	0.89	cps
Calcium	44-1	2550639	2548947	2530910	2543499	0.43	cps
Carbon	12-1	4804512	4964773	4925127	4898137	1.70	cps
Carbon	12-2	47344	46457	47778	47193	1.43	cps
Chlorine	35-1	181656	184324	186053	184011	1.20	cps
Chlorine	35-2	1350	1475	1342	1389	5.38	cps
Chromium	52-2	139796	138740	138695	139077	0.45	cps
Cobalt	59-2	242103	242522	237718	240781	1.11	cps
Copper	63-2	1969557	1908529	1923795	1933960	1.64	cps
Dysprosium	156-1	42	17	0	19	107.85	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	33	33	42	34.65	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	50	33	17	33	50.00	cps
Gadolinium	160-2	20	37	20	26	37.66	cps
Holmium	165-1	3113781	3152579	3197057	3154472	1.32	cps
Holmium	165-2	1802565	1807947	1780022	1796845	0.82	cps
Indium	115-1	3452183	3378688	3371930	3400934	1.31	cps
Indium	115-2	597034	592835	592849	594240	0.41	cps
Iron	54-2	305490	298128	298178	300599	1.41	cps
Iron	56-2	5608758	5641636	5498954	5583116	1.34	cps
Iron	57-2	135072	132711	130884	132889	1.58	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:26:32	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	733	647	733	704	7.10	cps
Lead	206-1	893365	919197	927237	913266	1.94	cps
Lead	207-1	776865	800997	826135	801332	3.07	cps
Lead	208-1	3798364	3796455	3850658	3815159	0.81	cps
Lithium	6-1	1473900	1511307	1511724	1498977	1.45	cps
Magnesium	24-2	1112293	1092268	1060613	1088391	2.39	cps
Manganese	55-2	717230	704904	701587	707907	1.16	cps
Molybdenum	94-1	1630569	1693350	1649857	1657925	1.94	cps
Molybdenum	95-1	2382452	2443028	2368517	2397999	1.65	cps
Molybdenum	96-1	2663564	2701456	2622642	2662554	1.48	cps
Molybdenum	97-1	1454573	1511178	1443334	1469695	2.47	cps
Molybdenum	98-1	3817721	3841730	3754531	3804661	1.18	cps
Neodymium	150-1	27	40	40	36	21.64	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	65553	63116	64258	64309	1.90	cps
Phosphorus	31-2	4076	3584	3976	3878	6.70	cps
Potassium	39-2	465498	461854	460483	462612	0.56	cps
Rhodium	103-1	3284682	3275987	3382515	3314394	1.78	cps
Rhodium	103-2	1688297	1680515	1668242	1679018	0.60	cps
Scandium	45-1	2813623	2823545	2880260	2839142	1.27	cps
Scandium	45-2	99649	98193	97676	98506	1.04	cps
Selenium	82-1	7630	7690	7834	7718	1.36	cps
Selenium	77-2	283	283	250	272	7.07	cps
Selenium	78-2	945	1062	939	982	7.06	cps
Silicon	28-1	7177253	7192052	7073258	7147521	0.91	cps
Silver	107-1	461482	466776	456921	461727	1.07	cps
Silver	109-1	431447	432104	442841	435464	1.47	cps
Sodium	23-2	2239549	2119308	2185425	2181427	2.76	cps
Strontium	86-1	1639342	1554259	1595018	1596206	2.67	cps
Strontium	88-1	13061718	13031001	13465866	13186195	1.84	cps
Sulfur	34-1	368837	369268	373011	370372	0.62	cps
Terbium	159-1	3398532	3312892	3549467	3420297	3.50	cps
Terbium	159-2	1857221	1833731	1876350	1855767	1.15	cps
Thallium	203-1	228116	229715	240245	232692	2.83	cps
Thallium	205-1	539189	534496	552403	542029	1.71	cps
Tin	118-1	297656	302045	311105	303602	2.26	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:26:32	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	811076	823737	829818	821544	1.16	cps
Uranium	238-1	612413	635691	631438	626514	1.98	cps
Vanadium	51-2	115649	113019	113876	114181	1.18	cps
Ytterbium	172-1	50	42	8	33	66.15	cps
Ytterbium	172-2	11	11	11	11	0.00	cps
Ytterbium	176-1	1375	1308	1383	1356	3.03	cps
Ytterbium	176-2	2406	2573	2661	2547	5.10	cps
Yttrium	89-1	5624962	5692066	5804596	5707208	1.59	cps
Yttrium	89-2	668284	661006	654556	661282	1.04	cps
Zinc	66-2	200605	201670	198228	200168	0.88	cps
Zirconium	90-1	808697	808546	827518	814920	1.34	cps
Zirconium	91-1	179396	181104	179382	179961	0.55	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	146114	144432	144258	144935	0.71	cps
Antimony	121-1	707041	716010	720307	714452	0.95	cps
Arsenic	75-2	25412	25117	25136	25222	0.66	cps
Barium	135-1	894879	939603	925169	919884	2.48	cps
Barium	137-1	1611690	1590812	1653012	1618505	1.96	cps
Beryllium	9-1	205451	204054	206322	205276	0.56	cps
Bismuth	209-1	1741402	1750726	1733651	1741926	0.49	cps
Bismuth	209-2	1122784	1154400	1119397	1132194	1.71	cps
Boron	10-1	45772	50348	51919	49346	6.47	cps
Boron	11-1	223934	247162	252575	241224	6.31	cps
Bromine	81-1	19243	20867	19343	19818	4.59	cps
Cadmium	111-1	169467	172428	172988	171628	1.10	cps
Cadmium	106-1	20933	20699	21200	20944	1.20	cps
Cadmium	108-1	14078	13619	13949	13882	1.70	cps
Calcium	43-1	301249	305744	302452	303149	0.77	cps
Calcium	44-1	5156264	5241992	5168236	5188831	0.89	cps
Carbon	12-1	5023820	5045929	5106700	5058816	0.85	cps
Carbon	12-2	49091	47854	47444	48130	1.78	cps
Chlorine	35-1	183747	178525	178897	180390	1.62	cps
Chlorine	35-2	1183	1325	1258	1256	5.64	cps
Chromium	52-2	273168	274304	270294	272589	0.76	cps
Cobalt	59-2	483240	476270	472090	477200	1.18	cps
Copper	63-2	3747807	3792827	3785008	3775214	0.64	cps
Dysprosium	156-1	25	42	108	58	75.59	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	25	33	50	36	35.25	cps
Gadolinium	160-2	33	27	53	38	36.73	cps
Holmium	165-1	3321664	3321139	3392839	3345214	1.23	cps
Holmium	165-2	1796567	1901242	1828086	1841965	2.92	cps
Indium	115-1	3517913	3420595	3557309	3498606	2.01	cps
Indium	115-2	595890	589777	593392	593020	0.52	cps
Iron	54-2	601333	584386	586767	590829	1.55	cps
Iron	56-2	11188805	11015643	10781422	10995290	1.86	cps
Iron	57-2	267419	264462	256845	262909	2.07	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	813	703	743	753	7.39	cps
Lead	206-1	2103415	2054166	2147164	2101582	2.21	cps
Lead	207-1	1783821	1756590	1864194	1801535	3.11	cps
Lead	208-1	8111776	8193154	8406409	8237113	1.85	cps
Lithium	6-1	1614356	1550693	1554856	1573302	2.26	cps
Magnesium	24-2	2176099	2144972	2171242	2164104	0.77	cps
Manganese	55-2	1486306	1475898	1436143	1466115	1.81	cps
Molybdenum	94-1	3402817	3437163	3403152	3414377	0.58	cps
Molybdenum	95-1	4790262	4808226	4863034	4820508	0.79	cps
Molybdenum	96-1	5383521	5299652	5300025	5327733	0.91	cps
Molybdenum	97-1	2996324	2951043	2965368	2970912	0.78	cps
Molybdenum	98-1	7759433	7555878	7575079	7630130	1.47	cps
Neodymium	150-1	53	67	73	64	15.80	cps
Neodymium	150-2	7	10	3	7	50.03	cps
Nickel	60-2	127432	127156	126955	127181	0.19	cps
Phosphorus	31-2	8002	7227	7944	7724	5.59	cps
Potassium	39-2	882890	878730	870433	877351	0.72	cps
Rhodium	103-1	3306453	3276569	3318981	3300668	0.66	cps
Rhodium	103-2	1718435	1675096	1691094	1694875	1.29	cps
Scandium	45-1	2830268	2864625	2820738	2838544	0.81	cps
Scandium	45-2	99468	97766	96256	97830	1.64	cps
Selenium	82-1	15340	15424	15516	15427	0.57	cps
Selenium	77-2	533	547	533	538	1.43	cps
Selenium	78-2	1812	1811	1922	1849	3.45	cps
Silicon	28-1	13415671	13753408	13376516	13515198	1.53	cps
Silver	107-1	942758	934952	944358	940689	0.53	cps
Silver	109-1	900952	917673	894386	904337	1.33	cps
Sodium	23-2	4267086	4220000	4226015	4237700	0.60	cps
Strontium	86-1	3198218	3249920	3096173	3181437	2.46	cps
Strontium	88-1	26235290	27685152	25928321	26616254	3.53	cps
Sulfur	34-1	406632	414095	406765	409164	1.04	cps
Terbium	159-1	3605949	3561162	3642432	3603181	1.13	cps
Terbium	159-2	1884763	1838926	1839475	1854388	1.42	cps
Thallium	203-1	482548	489967	488617	487044	0.81	cps
Thallium	205-1	1094360	1118968	1154233	1122521	2.68	cps
Tin	118-1	634015	643298	620972	632761	1.77	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:29:38	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1715684	1729668	1692291	1712548	1.10	cps
Uranium	238-1	1330119	1376534	1332888	1346514	1.93	cps
Vanadium	51-2	224937	223414	223293	223881	0.41	cps
Ytterbium	172-1	92	42	17	50	76.37	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	2542	2567	2525	2545	0.82	cps
Ytterbium	176-2	3334	3084	3312	3243	4.27	cps
Yttrium	89-1	5690125	5828921	5724400	5747815	1.26	cps
Yttrium	89-2	668937	657387	655936	660753	1.08	cps
Zinc	66-2	393327	391194	390670	391730	0.36	cps
Zirconium	90-1	1674709	1749642	1694931	1706427	2.27	cps
Zirconium	91-1	358969	370032	366897	365300	1.56	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	287562	282838	278364	282922	1.63	cps
Antimony	121-1	1425461	1431039	1486142	1447547	2.32	cps
Arsenic	75-2	50033	49052	48947	49344	1.21	cps
Barium	135-1	1946973	1969180	1933769	1949974	0.92	cps
Barium	137-1	3313870	3300295	3316196	3310120	0.26	cps
Beryllium	9-1	407434	407732	404655	406607	0.42	cps
Bismuth	209-1	1778555	1800235	1754654	1777814	1.28	cps
Bismuth	209-2	1104045	1135069	1126388	1121834	1.43	cps
Boron	10-1	95416	102221	105427	101021	5.06	cps
Boron	11-1	474275	498134	520815	497741	4.68	cps
Bromine	81-1	20396	19634	21348	20459	4.20	cps
Cadmium	111-1	340093	342125	346339	342852	0.93	cps
Cadmium	106-1	41020	40769	38990	40260	2.75	cps
Cadmium	108-1	27841	27528	28079	27816	0.99	cps
Calcium	43-1	602004	605795	598573	602124	0.60	cps
Calcium	44-1	10316956	10402021	10202854	10307277	0.97	cps
Carbon	12-1	5144899	5248253	5276406	5223186	1.33	cps
Carbon	12-2	50663	50320	50479	50488	0.34	cps
Chlorine	35-1	175438	178380	172663	175494	1.63	cps
Chlorine	35-2	1275	1233	1308	1272	2.95	cps
Chromium	52-2	534253	527893	528597	530248	0.66	cps
Cobalt	59-2	931133	931275	920594	927667	0.66	cps
Copper	63-2	7276664	7116635	7208360	7200553	1.12	cps
Dysprosium	156-1	75	92	117	94	22.21	cps
Dysprosium	156-2	47	27	50	41	30.69	cps
Erbium	164-1	100	33	58	64	52.72	cps
Erbium	164-2	7	13	20	13	49.99	cps
Gadolinium	160-1	117	75	117	103	23.41	cps
Gadolinium	160-2	50	60	57	56	9.17	cps
Holmium	165-1	3387485	3378984	3403312	3389927	0.36	cps
Holmium	165-2	1887264	1855164	1853995	1865474	1.01	cps
Indium	115-1	3433879	3503703	3397434	3445005	1.57	cps
Indium	115-2	591339	581423	581961	584908	0.95	cps
Iron	54-2	1157502	1149204	1133651	1146786	1.06	cps
Iron	56-2	21880605	21688935	21275003	21614847	1.43	cps
Iron	57-2	515574	509023	503871	509489	1.15	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	657	683	640	660	3.31	cps
Lead	206-1	4142922	4332615	4292594	4256044	2.35	cps
Lead	207-1	3618715	3716444	3753324	3696161	1.88	cps
Lead	208-1	16449523	17102975	16902037	16818178	1.99	cps
Lithium	6-1	1567793	1602297	1584341	1584810	1.09	cps
Magnesium	24-2	4251273	4178011	4176567	4201950	1.02	cps
Manganese	55-2	2823760	2825276	2796902	2815313	0.57	cps
Molybdenum	94-1	6835870	6685965	6769504	6763780	1.11	cps
Molybdenum	95-1	9493077	9663334	9750331	9635580	1.36	cps
Molybdenum	96-1	10537501	10444932	10722118	10568184	1.34	cps
Molybdenum	97-1	5896245	5828492	5975297	5900011	1.25	cps
Molybdenum	98-1	14860167	15652994	15223386	15245515	2.60	cps
Neodymium	150-1	107	133	60	100	37.12	cps
Neodymium	150-2	10	27	30	22	48.22	cps
Nickel	60-2	246418	246096	242516	245010	0.88	cps
Phosphorus	31-2	14458	13949	14066	14157	1.88	cps
Potassium	39-2	1795189	1757059	1709209	1753819	2.46	cps
Rhodium	103-1	3285144	3416832	3339366	3347114	1.98	cps
Rhodium	103-2	1690046	1652341	1641368	1661252	1.54	cps
Scandium	45-1	2861495	2913101	2924609	2899735	1.16	cps
Scandium	45-2	96874	95139	95226	95746	1.02	cps
Selenium	82-1	30661	30575	30715	30650	0.23	cps
Selenium	77-2	1083	1023	903	1003	9.14	cps
Selenium	78-2	3447	3521	3482	3483	1.06	cps
Silicon	28-1	25932212	25693067	25429726	25685002	0.98	cps
Silver	107-1	2014245	1956477	1936598	1969107	2.05	cps
Silver	109-1	1856614	1839503	1886496	1860871	1.28	cps
Sodium	23-2	8392438	8272055	8230472	8298322	1.01	cps
Strontium	86-1	6371395	6176447	6134903	6227582	2.03	cps
Strontium	88-1	55409157	53343335	52712386	53821626	2.62	cps
Sulfur	34-1	513551	511832	514140	513174	0.23	cps
Terbium	159-1	3620346	3673529	3609104	3634327	0.95	cps
Terbium	159-2	1850458	1848421	1776166	1825015	2.32	cps
Thallium	203-1	995058	1016194	1005459	1005570	1.05	cps
Thallium	205-1	2458900	2518659	2407900	2461820	2.25	cps
Tin	118-1	1276378	1277182	1224351	1259304	2.40	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:32:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3318768	3379990	3385943	3361567	1.11	cps
Uranium	238-1	2805482	2821866	2866505	2831284	1.12	cps
Vanadium	51-2	446489	434559	433935	438328	1.61	cps
Ytterbium	172-1	25	17	8	17	50.01	cps
Ytterbium	172-2	33	17	28	26	32.72	cps
Ytterbium	176-1	4793	5026	4951	4923	2.42	cps
Ytterbium	176-2	4362	4440	4545	4449	2.07	cps
Yttrium	89-1	6031877	5777261	5691260	5833466	3.04	cps
Yttrium	89-2	659278	648339	655456	654358	0.85	cps
Zinc	66-2	758049	757960	761927	759312	0.30	cps
Zirconium	90-1	3447315	3369822	3334124	3383754	1.71	cps
Zirconium	91-1	746142	727155	721872	731723	1.74	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	565416	565180	555475	562024	1.01	cps
Antimony	121-1	3032510	3068649	3015009	3038722	0.90	cps
Arsenic	75-2	99418	98452	98333	98734	0.60	cps
Barium	135-1	3978473	3990973	3933717	3967721	0.76	cps
Barium	137-1	6650358	6837294	6612485	6700046	1.80	cps
Beryllium	9-1	830075	815103	802148	815776	1.71	cps
Bismuth	209-1	1835428	1845584	1598971	1759994	7.93	cps
Bismuth	209-2	1126513	1161535	1122681	1136910	1.88	cps
Boron	10-1	204871	212577	217994	211814	3.11	cps
Boron	11-1	966459	970993	1013652	983701	2.65	cps
Bromine	81-1	19624	20727	19835	20062	2.92	cps
Cadmium	111-1	694705	697463	709871	700680	1.15	cps
Cadmium	106-1	81860	81123	80301	81095	0.96	cps
Cadmium	108-1	55859	57712	55536	56369	2.08	cps
Calcium	43-1	1277357	1327448	1253592	1286132	2.93	cps
Calcium	44-1	21189570	21672531	20793267	21218456	2.08	cps
Carbon	12-1	5574348	5725979	5816090	5705473	2.14	cps
Carbon	12-2	55715	57195	55062	55991	1.95	cps
Chlorine	35-1	174452	172999	170444	172632	1.18	cps
Chlorine	35-2	1175	1025	1267	1156	10.56	cps
Chromium	52-2	1063930	1050957	1047876	1054254	0.81	cps
Cobalt	59-2	1955900	1960767	1921304	1945990	1.11	cps
Copper	63-2	14356636	14335559	14358669	14350288	0.09	cps
Dysprosium	156-1	208	175	200	194	8.92	cps
Dysprosium	156-2	100	90	63	84	22.45	cps
Erbium	164-1	67	83	167	106	50.75	cps
Erbium	164-2	57	47	37	47	21.43	cps
Gadolinium	160-1	142	142	167	150	9.62	cps
Gadolinium	160-2	107	107	103	106	1.83	cps
Holmium	165-1	3529511	3552302	3066029	3382614	8.11	cps
Holmium	165-2	1871585	1890656	1852945	1871728	1.01	cps
Indium	115-1	3495583	3588623	3101123	3395110	7.62	cps
Indium	115-2	568523	582649	576295	575822	1.23	cps
Iron	54-2	2454720	2446380	2446348	2449150	0.20	cps
Iron	56-2	42350337	43289857	42300529	42646907	1.31	cps
Iron	57-2	1007552	1017129	1011483	1012055	0.48	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	810	860	793	9.63	cps
Lead	206-1	8550492	8491196	8839523	8627070	2.16	cps
Lead	207-1	7575986	7260810	7813277	7550024	3.67	cps
Lead	208-1	34333000	33712991	35341803	34462598	2.39	cps
Lithium	6-1	1598113	1595400	1463782	1552432	4.95	cps
Magnesium	24-2	8314301	8457511	8152878	8308230	1.83	cps
Manganese	55-2	5668026	5728583	5491933	5629514	2.18	cps
Molybdenum	94-1	13879870	13864481	13503690	13749347	1.55	cps
Molybdenum	95-1	20137836	19374677	19464929	19659147	2.12	cps
Molybdenum	96-1	21800740	21313031	21485710	21533160	1.15	cps
Molybdenum	97-1	12062938	11855648	11893182	11937256	0.93	cps
Molybdenum	98-1	31081493	31094294	31637951	31271246	1.02	cps
Neodymium	150-1	280	200	193	224	21.49	cps
Neodymium	150-2	40	53	23	39	38.65	cps
Nickel	60-2	490600	483281	483684	485855	0.85	cps
Phosphorus	31-2	28896	27961	28245	28367	1.69	cps
Potassium	39-2	3494195	3513139	3395713	3467682	1.82	cps
Rhodium	103-1	3364218	3445467	3016940	3275542	6.95	cps
Rhodium	103-2	1590866	1683671	1663477	1646005	2.97	cps
Scandium	45-1	2956131	3005604	2601474	2854403	7.72	cps
Scandium	45-2	95625	95784	95505	95638	0.15	cps
Selenium	82-1	61921	61213	60660	61265	1.03	cps
Selenium	77-2	2000	2003	1974	1992	0.83	cps
Selenium	78-2	6895	7108	7010	7004	1.52	cps
Silicon	28-1	50696464	50592105	49264755	50184441	1.59	cps
Silver	107-1	4023859	3973168	3827359	3941462	2.59	cps
Silver	109-1	3841119	3833175	3738704	3804332	1.50	cps
Sodium	23-2	16579545	16555616	16171153	16435438	1.39	cps
Strontium	86-1	13287007	12949319	12763939	13000088	2.04	cps
Strontium	88-1	113046382	111319736	107789757	110718625	2.42	cps
Sulfur	34-1	721140	722616	713624	719127	0.67	cps
Terbium	159-1	3776122	3895434	3371732	3681096	7.46	cps
Terbium	159-2	1883918	1907396	1843376	1878230	1.72	cps
Thallium	203-1	2225934	2185342	2215580	2208952	0.95	cps
Thallium	205-1	5077379	4998176	5048449	5041335	0.79	cps
Tin	118-1	2676476	2664783	2666967	2669409	0.23	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:35:47	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6764160	6793430	6715875	6757822	0.58	cps
Uranium	238-1	5974144	5945055	6226521	6048573	2.56	cps
Vanadium	51-2	871913	879706	870598	874072	0.56	cps
Ytterbium	172-1	67	75	33	58	37.80	cps
Ytterbium	172-2	17	50	33	33	50.00	cps
Ytterbium	176-1	10087	9787	9595	9823	2.52	cps
Ytterbium	176-2	6813	7380	7369	7187	4.51	cps
Yttrium	89-1	6041269	6080018	5141452	5754246	9.23	cps
Yttrium	89-2	648894	658353	657564	654937	0.80	cps
Zinc	66-2	1590503	1589582	1563962	1581349	0.95	cps
Zirconium	90-1	6875039	6995404	6754991	6875144	1.75	cps
Zirconium	91-1	1584870	1568852	1519468	1557730	2.19	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2723550	2717794	2656695	2699346	1.37	cps
Antimony	121-1	3451	3309	3459	3406	2.47	cps
Arsenic	75-2	67	63	78	69	11.20	cps
Barium	135-1	2850	2542	2867	2753	6.65	cps
Barium	137-1	6157	4676	5293	5376	13.84	cps
Beryllium	9-1	698	580	720	666	11.31	cps
Bismuth	209-1	1722363	1714040	1719127	1718510	0.24	cps
Bismuth	209-2	1046118	1088204	1060343	1064888	2.01	cps
Boron	10-1	30413	27877	25391	27894	9.00	cps
Boron	11-1	144371	135939	125544	135284	6.97	cps
Bromine	81-1	20085	19093	19273	19484	2.71	cps
Cadmium	111-1	639	532	716	629	14.70	cps
Cadmium	106-1	1092	1033	1217	1114	8.41	cps
Cadmium	108-1	54	71	63	63	13.33	cps
Calcium	43-1	5887018	5837856	5680159	5801678	1.86	cps
Calcium	44-1	99206827	101283355	99060475	99850219	1.25	cps
Carbon	12-1	5144549	5187441	5189361	5173783	0.49	cps
Carbon	12-2	53866	51875	53423	53055	1.97	cps
Chlorine	35-1	174137	174274	174046	174152	0.07	cps
Chlorine	35-2	1125	1175	1225	1175	4.26	cps
Chromium	52-2	2677	2980	3155	2937	8.23	cps
Cobalt	59-2	4497	5168	5334	5000	8.86	cps
Copper	63-2	7469	9331	10388	9062	16.31	cps
Dysprosium	156-1	617	475	550	547	12.95	cps
Dysprosium	156-2	243	237	267	249	6.33	cps
Erbium	164-1	83	108	100	97	13.09	cps
Erbium	164-2	33	47	37	39	17.85	cps
Gadolinium	160-1	433	533	425	464	13.00	cps
Gadolinium	160-2	260	287	387	311	21.46	cps
Holmium	165-1	3454645	3503356	3546694	3501565	1.32	cps
Holmium	165-2	1849353	1843286	1886246	1859628	1.25	cps
Indium	115-1	3482049	3441528	3493628	3472402	0.79	cps
Indium	115-2	558333	577140	568765	568079	1.66	cps
Iron	54-2	10978248	10880538	11040422	10966403	0.73	cps
Iron	56-2	195723677	199653171	197100016	197492288	1.01	cps
Iron	57-2	5017965	5147436	5077507	5080969	1.28	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	780	790	790	787	0.73	cps
Lead	206-1	7731	6807	7748	7429	7.24	cps
Lead	207-1	6630	6157	6932	6573	5.94	cps
Lead	208-1	30122	27373	31765	29753	7.46	cps
Lithium	6-1	1547020	1529398	1516242	1530887	1.01	cps
Magnesium	24-2	38340943	38804300	37982037	38375760	1.07	cps
Manganese	55-2	4041	4788	4521	4450	8.51	cps
Molybdenum	94-1	9529	8303	13853	10561	27.61	cps
Molybdenum	95-1	12498	10196	15852	12849	22.14	cps
Molybdenum	96-1	17604	16602	21306	18504	13.39	cps
Molybdenum	97-1	7394	6636	8257	7429	10.91	cps
Molybdenum	98-1	19315	16386	21394	19031	13.22	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	1480	1677	1677	1611	7.05	cps
Phosphorus	31-2	92	117	117	108	13.32	cps
Potassium	39-2	16234595	16447311	16125995	16269300	1.00	cps
Rhodium	103-1	3250245	3177109	3207969	3211774	1.14	cps
Rhodium	103-2	1511221	1574343	1541428	1542331	2.05	cps
Scandium	45-1	2903740	2834548	2909746	2882678	1.45	cps
Scandium	45-2	91264	92056	91787	91702	0.44	cps
Selenium	82-1	87	103	96	95	8.07	cps
Selenium	77-2	3	7	13	8	65.47	cps
Selenium	78-2	61	76	74	70	11.58	cps
Silicon	28-1	1229497	1238415	1225343	1231085	0.54	cps
Silver	107-1	2309	2092	1850	2084	11.01	cps
Silver	109-1	2592	1917	1892	2134	18.62	cps
Sodium	23-2	77546243	76664729	76110035	76773669	0.94	cps
Strontium	86-1	14650	12848	17924	15141	17.00	cps
Strontium	88-1	119182	102332	136839	119451	14.45	cps
Sulfur	34-1	299129	301950	305177	302085	1.00	cps
Terbium	159-1	3786839	3717373	3800456	3768223	1.18	cps
Terbium	159-2	1828634	1905723	1862315	1865557	2.07	cps
Thallium	203-1	1767	1167	1709	1548	21.39	cps
Thallium	205-1	3226	3203	3109	3179	1.94	cps
Tin	118-1	5851	5385	6027	5754	5.77	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:38:51	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4553	3100	4293	3982	19.45	cps
Uranium	238-1	3317	2492	3293	3034	15.48	cps
Vanadium	51-2	467	543	703	571	21.15	cps
Ytterbium	172-1	50	33	75	53	39.74	cps
Ytterbium	172-2	0	22	6	9	124.87	cps
Ytterbium	176-1	342	417	450	403	13.78	cps
Ytterbium	176-2	1745	2239	2228	2071	13.64	cps
Yttrium	89-1	5800040	5937356	5719960	5819119	1.89	cps
Yttrium	89-2	633645	648647	637639	639977	1.21	cps
Zinc	66-2	1960	2170	2094	2075	5.12	cps
Zirconium	90-1	6002	5985	7004	6330	9.22	cps
Zirconium	91-1	1383	1258	1559	1400	10.77	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13836	13403	13775	13671	1.71	cps
Antimony	121-1	554169	550309	549483	551320	0.45	cps
Arsenic	75-2	20740	20390	20565	20565	0.85	cps
Barium	135-1	73241	73668	71892	72934	1.27	cps
Barium	137-1	126339	127576	127028	126981	0.49	cps
Beryllium	9-1	81471	83172	82701	82448	1.07	cps
Bismuth	209-1	1779273	1701544	1757002	1745939	2.29	cps
Bismuth	209-2	1110715	1113232	1119780	1114575	0.42	cps
Boron	10-1	6130	5966	6088	6061	1.41	cps
Boron	11-1	29716	29724	29059	29500	1.29	cps
Bromine	81-1	22070	21779	19133	20994	7.71	cps
Cadmium	111-1	69372	69053	69741	69389	0.50	cps
Cadmium	106-1	7861	7777	7827	7822	0.54	cps
Cadmium	108-1	4672	4613	4734	4673	1.29	cps
Calcium	43-1	22681	22908	23064	22885	0.84	cps
Calcium	44-1	397193	399656	399810	398886	0.37	cps
Carbon	12-1	5074952	5201009	5143296	5139752	1.23	cps
Carbon	12-2	48288	48121	49927	48779	2.05	cps
Chlorine	35-1	163921	162666	163828	163472	0.43	cps
Chlorine	35-2	1158	1225	1258	1214	4.19	cps
Chromium	52-2	109553	109367	109022	109314	0.25	cps
Cobalt	59-2	189806	191578	190936	190773	0.47	cps
Copper	63-2	140544	141970	141470	141328	0.51	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	42	8	25	25	66.68	cps
Erbium	164-2	13	13	10	12	15.73	cps
Gadolinium	160-1	42	8	25	25	66.68	cps
Gadolinium	160-2	33	33	33	33	0.00	cps
Holmium	165-1	3395516	3270674	3361765	3342652	1.93	cps
Holmium	165-2	1810943	1783096	1829086	1807708	1.28	cps
Indium	115-1	3425645	3376908	3476587	3426380	1.45	cps
Indium	115-2	586329	581440	590680	586150	0.79	cps
Iron	54-2	92704	94415	94723	93947	1.16	cps
Iron	56-2	1793830	1740381	1768265	1767492	1.51	cps
Iron	57-2	40825	41059	41717	41200	1.12	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	717	673	767	719	6.50	cps
Lead	206-1	324254	323597	325565	324472	0.31	cps
Lead	207-1	274125	268807	274184	272372	1.13	cps
Lead	208-1	1271460	1259220	1284953	1271878	1.01	cps
Lithium	6-1	1542659	1518047	1541157	1533954	0.90	cps
Magnesium	24-2	92166	92838	94801	93268	1.47	cps
Manganese	55-2	54253	53687	54694	54211	0.93	cps
Molybdenum	94-1	333	358	425	372	12.73	cps
Molybdenum	95-1	450	317	358	375	18.19	cps
Molybdenum	96-1	675	658	558	631	10.01	cps
Molybdenum	97-1	292	225	208	242	18.25	cps
Molybdenum	98-1	750	717	867	778	10.13	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	51821	51212	52256	51763	1.01	cps
Phosphorus	31-2	83	133	117	111	22.91	cps
Potassium	39-2	148896	148306	149098	148767	0.28	cps
Rhodium	103-1	3301985	3327745	3330808	3320180	0.48	cps
Rhodium	103-2	1651607	1627176	1683823	1654202	1.72	cps
Scandium	45-1	2838520	2814226	2732446	2795064	1.99	cps
Scandium	45-2	94313	93300	94622	94079	0.74	cps
Selenium	82-1	12651	12891	12661	12734	1.07	cps
Selenium	77-2	420	407	517	448	13.41	cps
Selenium	78-2	1463	1574	1628	1555	5.41	cps
Silicon	28-1	761928	763491	760665	762028	0.19	cps
Silver	107-1	182776	179198	182756	181577	1.13	cps
Silver	109-1	172085	178103	175512	175234	1.72	cps
Sodium	23-2	328383	323500	325014	325632	0.77	cps
Strontium	86-1	1658	1508	1842	1670	10.00	cps
Strontium	88-1	3092	3059	2942	3031	2.60	cps
Sulfur	34-1	317032	315909	317577	316839	0.27	cps
Terbium	159-1	3629721	3563846	3581108	3591558	0.95	cps
Terbium	159-2	1806646	1786920	1813282	1802282	0.76	cps
Thallium	203-1	420829	414210	409242	414760	1.40	cps
Thallium	205-1	989439	994167	1014650	999419	1.34	cps
Tin	118-1	4084	4142	3817	4015	4.32	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICV002	Instrumnet Name :	P8
Client Sample ID :	ICV002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 11:54:23	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	325	258	333	306	13.45	cps
Uranium	238-1	92	67	83	81	15.80	cps
Vanadium	51-2	87914	88173	86858	87649	0.79	cps
Ytterbium	172-1	33	17	17	22	43.28	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	183	375	342	300	34.13	cps
Ytterbium	176-2	1945	2222	1950	2039	7.79	cps
Yttrium	89-1	5749170	5788692	5538006	5691956	2.37	cps
Yttrium	89-2	645555	632381	642975	640303	1.09	cps
Zinc	66-2	31458	31114	31472	31348	0.65	cps
Zirconium	90-1	425	442	600	489	19.76	cps
Zirconium	91-1	133	117	100	117	14.29	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : ICB002 Instrumnet Name : P8
 Client Sample ID : ICB002 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 12:08:41 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82	107	99	96	13.18	cps
Antimony	121-1	108	450	150	236	78.96	cps
Arsenic	75-2	7	1	5	4	70.50	cps
Barium	135-1	17	267	33	106	132.42	cps
Barium	137-1	42	559	42	214	139.47	cps
Beryllium	9-1	74	100	78	84	16.67	cps
Bismuth	209-1	1675899	1771949	1759149	1735666	3.00	cps
Bismuth	209-2	1100330	1108572	1119688	1109530	0.88	cps
Boron	10-1	4588	4552	4394	4511	2.29	cps
Boron	11-1	22230	22551	22172	22318	0.91	cps
Bromine	81-1	20576	20917	20316	20603	1.46	cps
Cadmium	111-1	190	322	247	253	26.22	cps
Cadmium	106-1	1050	1117	1217	1128	7.44	cps
Cadmium	108-1	29	8	25	21	52.93	cps
Calcium	43-1	186	320	191	232	32.61	cps
Calcium	44-1	17710	19402	18313	18475	4.64	cps
Carbon	12-1	4885936	4869163	4858312	4871137	0.29	cps
Carbon	12-2	45111	46783	44493	45462	2.61	cps
Chlorine	35-1	153145	151091	154309	152848	1.07	cps
Chlorine	35-2	1000	975	925	967	3.95	cps
Chromium	52-2	320	283	320	308	6.88	cps
Cobalt	59-2	67	57	53	59	11.79	cps
Copper	63-2	450	540	583	524	12.97	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	42	17	17	25	57.73	cps
Gadolinium	160-2	23	30	13	22	37.76	cps
Holmium	165-1	3282648	3287677	3257307	3275878	0.50	cps
Holmium	165-2	1749315	1804544	1829845	1794568	2.29	cps
Indium	115-1	3388598	3618529	3460050	3489059	3.37	cps
Indium	115-2	569001	583790	577595	576795	1.29	cps
Iron	54-2	478	450	506	478	5.81	cps
Iron	56-2	3928	3940	3300	3723	9.83	cps
Iron	57-2	256	256	256	256	0.00	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : ICB002 Instrumnet Name : P8
 Client Sample ID : ICB002 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 12:08:41 DataFile Name : 016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	783	713	780	759	5.20	cps
Lead	206-1	317	572	317	402	36.72	cps
Lead	207-1	272	656	406	444	43.79	cps
Lead	208-1	1250	2461	1428	1713	38.18	cps
Lithium	6-1	1537797	1581701	1591613	1570371	1.82	cps
Magnesium	24-2	492	592	608	564	11.19	cps
Manganese	55-2	100	100	110	103	5.59	cps
Molybdenum	94-1	200	759	208	389	82.29	cps
Molybdenum	95-1	42	1618	133	598	148.05	cps
Molybdenum	96-1	133	2102	267	834	131.91	cps
Molybdenum	97-1	42	909	75	342	143.73	cps
Molybdenum	98-1	100	2245	283	876	135.72	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	240	233	253	242	4.20	cps
Phosphorus	31-2	67	83	83	78	12.37	cps
Potassium	39-2	19213	18362	18896	18824	2.29	cps
Rhodium	103-1	3272666	3493767	3430627	3399020	3.35	cps
Rhodium	103-2	1580962	1654068	1725930	1653654	4.38	cps
Scandium	45-1	2742256	2884245	2770901	2799134	2.68	cps
Scandium	45-2	91365	95545	94156	93689	2.27	cps
Selenium	82-1	-48	35	-24	-12	-350.78	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	78	74	79	77	3.44	cps
Silicon	28-1	739776	737110	733589	736825	0.42	cps
Silver	107-1	75	75	117	89	27.07	cps
Silver	109-1	108	183	92	128	38.21	cps
Sodium	23-2	12255	11522	11939	11905	3.09	cps
Strontium	86-1	1325	1600	975	1300	24.10	cps
Strontium	88-1	175	3904	600	1560	130.88	cps
Sulfur	34-1	323202	322486	319109	321599	0.68	cps
Terbium	159-1	3461651	3603973	3538950	3534858	2.02	cps
Terbium	159-2	1745865	1776433	1796305	1772868	1.43	cps
Thallium	203-1	83	250	125	153	56.77	cps
Thallium	205-1	225	425	233	294	38.43	cps
Tin	118-1	2625	2592	2700	2639	2.10	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICB002	Instrumnet Name :	P8
Client Sample ID :	ICB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:08:41	DataFile Name :	016CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	158	492	258	303	56.50	cps
Uranium	238-1	17	158	50	75	98.76	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Ytterbium	172-1	17	17	17	17	0.00	cps
Ytterbium	172-2	6	11	0	6	99.97	cps
Ytterbium	176-1	367	408	317	364	12.61	cps
Ytterbium	176-2	1845	2311	1878	2011	12.95	cps
Yttrium	89-1	5652511	5779465	5667198	5699724	1.22	cps
Yttrium	89-2	631164	647285	632586	637012	1.40	cps
Zinc	66-2	93	103	73	90	16.97	cps
Zirconium	90-1	350	767	350	489	49.21	cps
Zirconium	91-1	83	208	108	133	49.61	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2612139	2662424	2677689	2650751	1.29	cps
Antimony	121-1	2867	3242	3301	3137	7.50	cps
Arsenic	75-2	29	22	32	28	18.55	cps
Barium	135-1	1125	1150	1067	1114	3.84	cps
Barium	137-1	1658	1875	1800	1778	6.19	cps
Beryllium	9-1	280	284	282	282	0.71	cps
Bismuth	209-1	1723102	1777867	1741955	1747641	1.59	cps
Bismuth	209-2	1112870	1104932	1086553	1101451	1.23	cps
Boron	10-1	4670	4372	4702	4581	3.97	cps
Boron	11-1	22515	22108	22309	22310	0.91	cps
Bromine	81-1	22872	21007	21699	21860	4.31	cps
Cadmium	111-1	482	448	469	466	3.64	cps
Cadmium	106-1	958	1092	1100	1050	7.57	cps
Cadmium	108-1	454	517	538	503	8.63	cps
Calcium	43-1	1136439	1194795	1184984	1172073	2.67	cps
Calcium	44-1	19347712	19491485	19920984	19586727	1.52	cps
Carbon	12-1	20437538	21567438	21567682	21190886	3.08	cps
Carbon	12-2	211591	208916	209172	209893	0.70	cps
Chlorine	35-1	2927551	3477879	3994678	3466703	15.39	cps
Chlorine	35-2	36781	40457	43901	40380	8.82	cps
Chromium	52-2	20819	20431	20278	20509	1.36	cps
Cobalt	59-2	2040	1960	2107	2036	3.61	cps
Copper	63-2	10671	10828	10731	10743	0.74	cps
Dysprosium	156-1	58	0	25	28	105.36	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	25	50	42	39	32.73	cps
Erbium	164-2	17	23	23	21	18.21	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	27	17	40	28	42.13	cps
Holmium	165-1	3301116	3498508	3471467	3423697	3.13	cps
Holmium	165-2	1789566	1858117	1804212	1817298	1.99	cps
Indium	115-1	3580628	3442246	3447308	3490061	2.25	cps
Indium	115-2	581920	574449	579320	578563	0.66	cps
Iron	54-2	4598012	4506833	4526570	4543805	1.06	cps
Iron	56-2	80990121	82395249	82263221	81882864	0.95	cps
Iron	57-2	2121722	2057125	2080467	2086438	1.57	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	743	733	680	719	4.74	cps
Lead	206-1	6952	7502	7552	7336	4.54	cps
Lead	207-1	5435	5640	5796	5624	3.22	cps
Lead	208-1	25916	27467	28096	27160	4.13	cps
Lithium	6-1	1655883	1578029	1605730	1613214	2.45	cps
Magnesium	24-2	7525174	7609004	7612230	7582136	0.65	cps
Manganese	55-2	4241	3921	4037	4066	3.98	cps
Molybdenum	94-1	1900012	1934422	1960055	1931496	1.56	cps
Molybdenum	95-1	3373690	3276108	3457432	3369076	2.69	cps
Molybdenum	96-1	3610436	3516248	3695050	3607245	2.48	cps
Molybdenum	97-1	1992571	2055138	2074829	2040846	2.10	cps
Molybdenum	98-1	5124591	5191241	5216468	5177433	0.92	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2750	2770	2720	2747	0.92	cps
Phosphorus	31-2	140164	142976	136707	139949	2.24	cps
Potassium	39-2	6448553	6561865	6477871	6496096	0.91	cps
Rhodium	103-1	3185444	3296200	3270647	3250764	1.78	cps
Rhodium	103-2	1667332	1638940	1633156	1646476	1.11	cps
Scandium	45-1	2874211	2885480	2962657	2907449	1.66	cps
Scandium	45-2	94710	95306	93069	94362	1.23	cps
Selenium	82-1	-41	5	109	24	314.76	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	72	65	84	74	13.04	cps
Silicon	28-1	814174	810053	838740	820989	1.89	cps
Silver	107-1	275	208	200	228	18.05	cps
Silver	109-1	183	183	108	158	27.35	cps
Sodium	23-2	16039286	15826075	15858337	15907899	0.72	cps
Strontium	86-1	41805	42950	42340	42365	1.35	cps
Strontium	88-1	345907	352877	353852	350879	1.23	cps
Sulfur	34-1	1848737	1825737	1828049	1834174	0.69	cps
Terbium	159-1	3677427	3706167	3630047	3671214	1.05	cps
Terbium	159-2	1820075	1881259	1873319	1858218	1.79	cps
Thallium	203-1	192	292	200	228	24.36	cps
Thallium	205-1	392	392	450	411	8.19	cps
Tin	118-1	2959	2800	2809	2856	3.12	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSA002	Instrumnet Name :	P8
Client Sample ID :	ICSA002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:11:49	DataFile Name :	017ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1190805	1197605	1244812	1211074	2.43	cps
Uranium	238-1	58	142	83	94	45.27	cps
Vanadium	51-2	113	130	120	121	6.92	cps
Ytterbium	172-1	8	42	17	22	78.07	cps
Ytterbium	172-2	6	11	11	9	34.60	cps
Ytterbium	176-1	433	358	367	386	10.65	cps
Ytterbium	176-2	2145	2067	2300	2171	5.47	cps
Yttrium	89-1	5791767	5743282	5922850	5819300	1.60	cps
Yttrium	89-2	647687	650627	641364	646559	0.73	cps
Zinc	66-2	1807	1780	1697	1761	3.26	cps
Zirconium	90-1	417	392	442	417	6.00	cps
Zirconium	91-1	100	108	142	117	18.90	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2782079	2757212	2654234	2731175	2.48	cps
Antimony	121-1	54945	56443	56476	55955	1.56	cps
Arsenic	75-2	1888	1916	1863	1889	1.40	cps
Barium	135-1	14792	14758	15443	14998	2.57	cps
Barium	137-1	25725	27353	26193	26424	3.17	cps
Beryllium	9-1	15823	15893	15817	15845	0.27	cps
Bismuth	209-1	1739668	1785304	1643468	1722813	4.20	cps
Bismuth	209-2	1115173	1093108	1096818	1101700	1.07	cps
Boron	10-1	4288	4090	3906	4094	4.67	cps
Boron	11-1	20114	20090	19873	20026	0.66	cps
Bromine	81-1	21569	23083	21489	22047	4.07	cps
Cadmium	111-1	12883	12921	13402	13069	2.22	cps
Cadmium	106-1	2734	2525	2517	2592	4.74	cps
Cadmium	108-1	1321	1338	1417	1358	3.77	cps
Calcium	43-1	1229271	1182364	1196698	1202778	2.00	cps
Calcium	44-1	20140768	20123168	20331713	20198550	0.57	cps
Carbon	12-1	20288582	22190873	21950571	21476675	4.82	cps
Carbon	12-2	214798	213147	213401	213782	0.42	cps
Chlorine	35-1	6013310	6819959	7595311	6809527	11.62	cps
Chlorine	35-2	64369	67483	69333	67061	3.74	cps
Chromium	52-2	41904	40390	40490	40928	2.07	cps
Cobalt	59-2	36594	36196	36844	36545	0.89	cps
Copper	63-2	37673	36193	35304	36390	3.29	cps
Dysprosium	156-1	0	50	17	22	114.56	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	23	10	10	14	53.28	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	27	40	27	31	24.74	cps
Holmium	165-1	3404850	3368837	3490676	3421454	1.83	cps
Holmium	165-2	1899104	1870578	1858125	1875936	1.12	cps
Indium	115-1	3563785	3447153	3453847	3488262	1.88	cps
Indium	115-2	574939	578840	574621	576133	0.41	cps
Iron	54-2	4703262	4650341	4546724	4633442	1.72	cps
Iron	56-2	85181524	84224094	83152257	84185958	1.21	cps
Iron	57-2	2170308	2107109	2124242	2133886	1.53	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	763	760	760	761	0.25	cps
Lead	206-1	37304	38313	38486	38034	1.68	cps
Lead	207-1	31338	31182	31216	31245	0.26	cps
Lead	208-1	144280	144780	144684	144581	0.18	cps
Lithium	6-1	1636383	1650833	1643217	1643478	0.44	cps
Magnesium	24-2	7856780	7895576	7732484	7828280	1.09	cps
Manganese	55-2	13897	14377	14030	14101	1.76	cps
Molybdenum	94-1	1916765	1970408	2023569	1970247	2.71	cps
Molybdenum	95-1	3311438	3421683	3520344	3417822	3.06	cps
Molybdenum	96-1	3579704	3685638	3726478	3663940	2.07	cps
Molybdenum	97-1	2054193	2060067	2157226	2090496	2.77	cps
Molybdenum	98-1	5234109	5388607	5384107	5335608	1.65	cps
Neodymium	150-1	7	13	53	24	103.25	cps
Neodymium	150-2	0	3	10	4	114.60	cps
Nickel	60-2	11965	12062	11712	11913	1.52	cps
Phosphorus	31-2	141352	140822	138483	140219	1.09	cps
Potassium	39-2	6621877	6556075	6647817	6608589	0.72	cps
Rhodium	103-1	3215756	3333855	3373615	3307742	2.48	cps
Rhodium	103-2	1686719	1678378	1708586	1691228	0.92	cps
Scandium	45-1	2962952	2949872	3003063	2971962	0.93	cps
Scandium	45-2	95440	95229	93861	94844	0.90	cps
Selenium	82-1	1050	1085	1173	1103	5.73	cps
Selenium	77-2	33	23	17	24	34.31	cps
Selenium	78-2	185	200	191	192	3.93	cps
Silicon	28-1	871826	854433	880216	868825	1.51	cps
Silver	107-1	69585	68127	65448	67720	3.10	cps
Silver	109-1	64041	63430	66444	64638	2.46	cps
Sodium	23-2	16133364	16172140	15861190	16055565	1.06	cps
Strontium	86-1	42373	44480	43209	43354	2.45	cps
Strontium	88-1	350135	358482	352258	353625	1.23	cps
Sulfur	34-1	1863068	1848197	1902834	1871366	1.51	cps
Terbium	159-1	3665877	3821762	3646258	3711299	2.59	cps
Terbium	159-2	1886241	1905601	1872302	1888048	0.89	cps
Thallium	203-1	38074	37731	37188	37664	1.19	cps
Thallium	205-1	86221	88798	91339	88786	2.88	cps
Tin	118-1	3926	3659	3901	3828	3.85	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	ICSAB002	Instrumnet Name :	P8
Client Sample ID :	ICSAB002	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:14:42	DataFile Name :	018ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1219880	1219928	1223670	1221159	0.18	cps
Uranium	238-1	133	92	208	144	40.93	cps
Vanadium	51-2	16490	16309	16253	16351	0.76	cps
Ytterbium	172-1	25	17	17	19	24.73	cps
Ytterbium	172-2	0	6	6	4	86.60	cps
Ytterbium	176-1	400	350	467	406	14.43	cps
Ytterbium	176-2	2106	2128	2289	2174	4.60	cps
Yttrium	89-1	5824217	5907850	5830352	5854140	0.80	cps
Yttrium	89-2	658595	652129	647902	652875	0.82	cps
Zinc	66-2	4848	4814	5134	4932	3.57	cps
Zirconium	90-1	417	442	408	422	4.11	cps
Zirconium	91-1	150	92	175	139	30.79	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1455558	1442460	1429207	1442409	0.91	cps
Antimony	121-1	1394938	1390899	1403940	1396592	0.48	cps
Arsenic	75-2	47990	47352	47889	47744	0.72	cps
Barium	135-1	1878190	1886134	1947076	1903800	1.98	cps
Barium	137-1	3203031	3174411	3217585	3198342	0.69	cps
Beryllium	9-1	408116	402612	408636	406455	0.82	cps
Bismuth	209-1	1736312	1721770	1689272	1715784	1.40	cps
Bismuth	209-2	1098715	1123482	1108109	1110102	1.13	cps
Boron	10-1	111348	118453	121587	117130	4.48	cps
Boron	11-1	550343	582973	598465	577261	4.26	cps
Bromine	81-1	20967	21198	20456	20874	1.82	cps
Cadmium	111-1	324134	323696	323366	323732	0.12	cps
Cadmium	106-1	38981	37911	39641	38844	2.25	cps
Cadmium	108-1	26893	26455	26889	26746	0.94	cps
Calcium	43-1	2932860	3020388	2943558	2965602	1.61	cps
Calcium	44-1	49080013	51582973	48320238	49661075	3.44	cps
Carbon	12-1	5761355	5726248	5808599	5765401	0.72	cps
Carbon	12-2	54435	54527	55380	54781	0.95	cps
Chlorine	35-1	3889548	3815293	3730429	3811757	2.09	cps
Chlorine	35-2	24196	23979	22927	23700	2.86	cps
Chromium	52-2	524277	515250	518217	519248	0.89	cps
Cobalt	59-2	886822	892447	875003	884757	1.01	cps
Copper	63-2	7425468	7229002	7306289	7320253	1.35	cps
Dysprosium	156-1	317	333	433	361	17.47	cps
Dysprosium	156-2	140	147	133	140	4.76	cps
Erbium	164-1	117	125	58	100	36.33	cps
Erbium	164-2	60	30	57	49	33.63	cps
Gadolinium	160-1	308	308	250	289	11.66	cps
Gadolinium	160-2	193	110	190	164	28.69	cps
Holmium	165-1	3454808	3462043	3450865	3455906	0.16	cps
Holmium	165-2	1893407	1886102	1882015	1887175	0.31	cps
Indium	115-1	3360410	3460647	3498455	3439837	2.07	cps
Indium	115-2	571271	569286	571008	570522	0.19	cps
Iron	54-2	5721939	5709373	5627782	5686365	0.90	cps
Iron	56-2	104204705	101574744	102778675	102852708	1.28	cps
Iron	57-2	2661016	2587575	2568394	2605662	1.88	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1073	920	900	964	9.83	cps
Lead	206-1	4192978	4054196	4153871	4133682	1.73	cps
Lead	207-1	3592209	3590873	3522164	3568415	1.12	cps
Lead	208-1	16393808	16232166	15972783	16199586	1.31	cps
Lithium	6-1	1642236	1641662	1611635	1631844	1.07	cps
Magnesium	24-2	20027087	19737679	19887930	19884232	0.73	cps
Manganese	55-2	2808593	2738952	2773677	2773741	1.26	cps
Molybdenum	94-1	6458560	6740591	6540282	6579811	2.21	cps
Molybdenum	95-1	9406015	9496106	9592060	9498060	0.98	cps
Molybdenum	96-1	10550574	10204990	10227784	10327783	1.87	cps
Molybdenum	97-1	5864025	5773721	5723383	5787043	1.23	cps
Molybdenum	98-1	14898748	15070285	14600425	14856486	1.60	cps
Neodymium	150-1	133	187	220	180	24.29	cps
Neodymium	150-2	40	57	27	41	36.56	cps
Nickel	60-2	237146	233225	234683	235018	0.84	cps
Phosphorus	31-2	13965	14658	14024	14216	2.70	cps
Potassium	39-2	8408906	8401768	8240124	8350266	1.14	cps
Rhodium	103-1	3271605	3271228	3273916	3272250	0.04	cps
Rhodium	103-2	1572396	1621483	1631302	1608394	1.96	cps
Scandium	45-1	2960945	2995948	2937605	2964833	0.99	cps
Scandium	45-2	94414	95149	94149	94571	0.55	cps
Selenium	82-1	29417	28992	29178	29196	0.73	cps
Selenium	77-2	1040	963	940	981	5.33	cps
Selenium	78-2	3427	3270	3355	3350	2.35	cps
Silicon	28-1	30170873	30101190	29921272	30064445	0.43	cps
Silver	107-1	1906193	1884098	1904087	1898126	0.64	cps
Silver	109-1	1764103	1788743	1772802	1775216	0.70	cps
Sodium	23-2	39075979	39549597	39063235	39229604	0.71	cps
Strontium	86-1	6352030	6123797	6148936	6208254	2.02	cps
Strontium	88-1	53401299	51664372	52104676	52390116	1.72	cps
Sulfur	34-1	496859	495937	499226	497341	0.34	cps
Terbium	159-1	3603284	3749722	3775216	3709407	2.50	cps
Terbium	159-2	1872264	1831174	1915470	1872969	2.25	cps
Thallium	203-1	978912	974922	993632	982489	1.00	cps
Thallium	205-1	2386154	2379127	2402196	2389159	0.49	cps
Tin	118-1	1248729	1246300	1262480	1252503	0.70	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV033	Instrumnet Name :	P8
Client Sample ID :	CCV033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:17:38	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3324405	3362378	3331541	3339441	0.60	cps
Uranium	238-1	2824358	2820140	2866729	2837076	0.91	cps
Vanadium	51-2	430533	431214	427008	429585	0.53	cps
Ytterbium	172-1	58	100	67	75	29.40	cps
Ytterbium	172-2	0	50	39	30	88.61	cps
Ytterbium	176-1	5551	5260	5026	5279	4.98	cps
Ytterbium	176-2	4884	4684	4773	4781	2.10	cps
Yttrium	89-1	5879265	5798856	5670323	5782815	1.82	cps
Yttrium	89-2	644904	655677	647021	649201	0.88	cps
Zinc	66-2	757625	755019	760220	757621	0.34	cps
Zirconium	90-1	3358672	3359068	3470058	3395933	1.89	cps
Zirconium	91-1	706986	730167	730376	722510	1.86	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : CCB033 Instrumnet Name : P8
 Client Sample ID : CCB033 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 12:24:47 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89	75	101	88	14.87	cps
Antimony	121-1	117	150	250	172	40.29	cps
Arsenic	75-2	4	4	5	4	13.32	cps
Barium	135-1	17	50	25	31	56.77	cps
Barium	137-1	67	17	25	36	74.18	cps
Beryllium	9-1	90	84	100	91	8.85	cps
Bismuth	209-1	1770710	1698027	1771209	1746649	2.41	cps
Bismuth	209-2	1109067	1114508	1101470	1108348	0.59	cps
Boron	10-1	6048	5998	6054	6033	0.51	cps
Boron	11-1	30101	29095	29119	29438	1.95	cps
Bromine	81-1	21449	20486	20937	20957	2.30	cps
Cadmium	111-1	266	221	235	241	9.55	cps
Cadmium	106-1	1158	1058	1075	1097	4.88	cps
Cadmium	108-1	4	4	13	7	69.23	cps
Calcium	43-1	211	205	195	204	4.02	cps
Calcium	44-1	18840	18988	18766	18865	0.60	cps
Carbon	12-1	4839676	4841344	4936507	4872509	1.14	cps
Carbon	12-2	45797	45513	46516	45942	1.13	cps
Chlorine	35-1	1966182	1948353	1937142	1950559	0.75	cps
Chlorine	35-2	13040	12606	12281	12642	3.01	cps
Chromium	52-2	353	273	280	302	14.69	cps
Cobalt	59-2	70	43	43	52	29.49	cps
Copper	63-2	680	670	560	637	10.46	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	50	33	36	35.25	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Gadolinium	160-2	13	30	13	19	50.96	cps
Holmium	165-1	3195266	3330527	3187579	3237791	2.48	cps
Holmium	165-2	1831933	1758398	1809327	1799886	2.09	cps
Indium	115-1	3413091	3439978	3357232	3403434	1.24	cps
Indium	115-2	570596	571112	578613	573440	0.78	cps
Iron	54-2	517	528	583	543	6.58	cps
Iron	56-2	3617	3373	3678	3556	4.55	cps
Iron	57-2	211	217	294	241	19.35	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P8
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:24:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	790	727	707	741	5.87	cps
Lead	206-1	433	422	433	430	1.49	cps
Lead	207-1	433	444	356	411	11.78	cps
Lead	208-1	1795	1778	1578	1717	7.02	cps
Lithium	6-1	1529962	1540813	1549212	1539995	0.63	cps
Magnesium	24-2	650	642	575	622	6.61	cps
Manganese	55-2	97	97	83	92	8.35	cps
Molybdenum	94-1	292	250	258	267	8.27	cps
Molybdenum	95-1	375	258	233	289	26.18	cps
Molybdenum	96-1	350	300	325	325	7.69	cps
Molybdenum	97-1	142	92	117	117	21.43	cps
Molybdenum	98-1	458	400	275	378	24.79	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	170	170	183	174	4.42	cps
Phosphorus	31-2	42	75	50	56	31.22	cps
Potassium	39-2	18930	18771	18721	18807	0.58	cps
Rhodium	103-1	3336285	3287112	3259333	3294243	1.18	cps
Rhodium	103-2	1642966	1639926	1689150	1657347	1.66	cps
Scandium	45-1	2811082	2817216	2687423	2771907	2.64	cps
Scandium	45-2	90382	91667	91875	91308	0.89	cps
Selenium	82-1	-27	13	-4	-6	-339.96	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	62	62	88	71	21.24	cps
Silicon	28-1	732425	727912	730486	730274	0.31	cps
Silver	107-1	133	192	150	158	18.98	cps
Silver	109-1	167	150	125	147	14.25	cps
Sodium	23-2	14241	14866	14708	14605	2.23	cps
Strontium	86-1	1483	1167	1400	1350	12.16	cps
Strontium	88-1	542	425	358	442	21.01	cps
Sulfur	34-1	303639	307355	307679	306224	0.73	cps
Terbium	159-1	3605025	3610482	3567653	3594387	0.65	cps
Terbium	159-2	1764443	1746817	1792648	1767969	1.31	cps
Thallium	203-1	225	225	225	225	0.00	cps
Thallium	205-1	508	442	633	528	18.44	cps
Tin	118-1	2367	2742	2592	2567	7.35	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB033	Instrumnet Name :	P8
Client Sample ID :	CCB033	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:24:47	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	167	192	189	11.10	cps
Uranium	238-1	75	50	0	42	91.65	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Ytterbium	172-1	42	25	8	25	66.68	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	408	258	275	314	26.19	cps
Ytterbium	176-2	1939	1917	2267	2041	9.60	cps
Yttrium	89-1	5572743	5580407	5589485	5580878	0.15	cps
Yttrium	89-2	624204	627155	634205	628521	0.82	cps
Zinc	66-2	103	100	100	101	1.90	cps
Zirconium	90-1	317	292	325	311	5.58	cps
Zirconium	91-1	75	100	100	92	15.75	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	84	87	80	13.36	cps
Antimony	121-1	67	33	67	56	34.65	cps
Arsenic	75-2	6	5	2	4	48.04	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	17	58	17	31	78.71	cps
Beryllium	9-1	74	52	52	59	21.41	cps
Bismuth	209-1	1785312	1722194	1800224	1769243	2.34	cps
Bismuth	209-2	1096838	1103343	1112382	1104188	0.71	cps
Boron	10-1	4344	4524	4244	4370	3.25	cps
Boron	11-1	21283	20995	20729	21002	1.32	cps
Bromine	81-1	20647	20105	20667	20473	1.56	cps
Cadmium	111-1	225	216	213	218	2.84	cps
Cadmium	106-1	1042	1050	1050	1047	0.46	cps
Cadmium	108-1	13	21	8	14	45.83	cps
Calcium	43-1	175	185	175	178	3.24	cps
Calcium	44-1	17957	17893	17963	17937	0.22	cps
Carbon	12-1	4824042	4912738	4914007	4883596	1.06	cps
Carbon	12-2	44610	45964	46073	45549	1.79	cps
Chlorine	35-1	1131795	1127125	1141502	1133474	0.65	cps
Chlorine	35-2	6810	7686	7152	7216	6.11	cps
Chromium	52-2	287	333	290	303	8.58	cps
Cobalt	59-2	27	30	37	31	16.37	cps
Copper	63-2	483	493	510	496	2.72	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	17	22	43.28	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	33	37	13	28	45.44	cps
Holmium	165-1	3169039	3344961	3278723	3264241	2.72	cps
Holmium	165-2	1768275	1788716	1777598	1778196	0.58	cps
Indium	115-1	3444896	3478451	3429318	3450888	0.73	cps
Indium	115-2	566074	572735	566689	568499	0.65	cps
Iron	54-2	417	389	478	428	10.63	cps
Iron	56-2	2950	2828	3006	2928	3.11	cps
Iron	57-2	278	267	222	256	11.50	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	800	713	830	781	7.76	cps
Lead	206-1	378	350	233	320	23.92	cps
Lead	207-1	261	328	278	289	12.01	cps
Lead	208-1	1317	1383	1200	1300	7.14	cps
Lithium	6-1	1540103	1522085	1533008	1531732	0.59	cps
Magnesium	24-2	458	408	575	481	17.80	cps
Manganese	55-2	77	90	87	84	8.22	cps
Molybdenum	94-1	200	183	175	186	6.84	cps
Molybdenum	95-1	58	83	33	58	42.87	cps
Molybdenum	96-1	158	158	125	147	13.07	cps
Molybdenum	97-1	50	58	50	53	9.12	cps
Molybdenum	98-1	83	92	192	122	49.32	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	193	200	213	202	5.04	cps
Phosphorus	31-2	75	67	133	92	39.63	cps
Potassium	39-2	18963	18162	17895	18340	3.03	cps
Rhodium	103-1	3305118	3371030	3315147	3330432	1.07	cps
Rhodium	103-2	1621765	1642361	1642610	1635579	0.73	cps
Scandium	45-1	2775350	2784697	2797721	2785923	0.40	cps
Scandium	45-2	90972	90375	90617	90655	0.33	cps
Selenium	82-1	-73	32	-70	-37	-161.30	cps
Selenium	77-2	7	0	10	6	91.64	cps
Selenium	78-2	69	74	71	71	3.53	cps
Silicon	28-1	713501	713051	716774	714442	0.28	cps
Silver	107-1	67	108	125	100	30.04	cps
Silver	109-1	108	42	50	67	54.49	cps
Sodium	23-2	12172	12389	12097	12219	1.24	cps
Strontium	86-1	1150	1167	1025	1114	6.95	cps
Strontium	88-1	192	150	125	156	21.65	cps
Sulfur	34-1	310262	306063	309375	308567	0.72	cps
Terbium	159-1	3601561	3592767	3572132	3588820	0.42	cps
Terbium	159-2	1830940	1766032	1813842	1803605	1.87	cps
Thallium	203-1	167	192	142	167	15.00	cps
Thallium	205-1	433	408	425	422	3.02	cps
Tin	118-1	2234	2525	2567	2442	7.44	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BL	Instrumnet Name :	P8
Client Sample ID :	PBW365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:31:53	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	142	233	292	222	34.03	cps
Uranium	238-1	8	25	17	17	50.01	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Ytterbium	172-1	42	8	17	22	78.07	cps
Ytterbium	172-2	0	11	6	6	99.97	cps
Ytterbium	176-1	358	425	300	361	17.32	cps
Ytterbium	176-2	1995	1867	2011	1958	4.04	cps
Yttrium	89-1	5652297	5625438	5728677	5668804	0.94	cps
Yttrium	89-2	627369	626179	620923	624824	0.55	cps
Zinc	66-2	93	83	93	90	6.42	cps
Zirconium	90-1	267	275	400	314	23.80	cps
Zirconium	91-1	142	108	75	108	30.77	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : PB142365BS Instrumnet Name : P8
 Client Sample ID : LCS365 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 12:34:58 DataFile Name : 023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1041	1036	1056	1044	1.00	cps
Antimony	121-1	10638	10079	10087	10268	3.12	cps
Arsenic	75-2	187	181	176	181	3.04	cps
Barium	135-1	13307	12648	13741	13232	4.16	cps
Barium	137-1	22887	23179	22469	22845	1.56	cps
Beryllium	9-1	1646	1690	1550	1628	4.40	cps
Bismuth	209-1	1750075	1642685	1750637	1714466	3.63	cps
Bismuth	209-2	1107767	1099240	1110629	1105879	0.54	cps
Boron	10-1	6248	6298	6596	6381	2.95	cps
Boron	11-1	29991	31539	32341	31290	3.82	cps
Bromine	81-1	20336	20707	20576	20539	0.92	cps
Cadmium	111-1	1516	1574	1581	1557	2.30	cps
Cadmium	106-1	1175	1233	1350	1253	7.11	cps
Cadmium	108-1	88	104	104	99	9.76	cps
Calcium	43-1	10987	10688	10628	10767	1.79	cps
Calcium	44-1	198139	194843	192246	195076	1.51	cps
Carbon	12-1	4820357	4923972	4819951	4854760	1.23	cps
Carbon	12-2	46157	45054	46073	45761	1.34	cps
Chlorine	35-1	913057	895784	883086	897309	1.68	cps
Chlorine	35-2	6327	5910	5726	5987	5.14	cps
Chromium	52-2	3971	4064	3974	4003	1.32	cps
Cobalt	59-2	3444	3354	3434	3410	1.45	cps
Copper	63-2	5775	5544	5474	5598	2.81	cps
Dysprosium	156-1	0	33	0	11	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	67	33	39	65.47	cps
Erbium	164-2	17	20	17	18	10.81	cps
Gadolinium	160-1	8	25	17	17	50.01	cps
Gadolinium	160-2	10	23	17	17	39.99	cps
Holmium	165-1	3428997	3275612	3315514	3340041	2.38	cps
Holmium	165-2	1742074	1757519	1754853	1751482	0.47	cps
Indium	115-1	3549064	3437277	3496783	3494375	1.60	cps
Indium	115-2	570828	558487	564189	564501	1.09	cps
Iron	54-2	18507	17973	17339	17939	3.26	cps
Iron	56-2	320538	319680	310717	316978	1.72	cps
Iron	57-2	8297	7919	8219	8145	2.45	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:34:58	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	627	787	847	753	15.10	cps
Lead	206-1	3534	3306	3128	3323	6.12	cps
Lead	207-1	3045	2795	3067	2969	5.09	cps
Lead	208-1	14159	13008	13053	13407	4.86	cps
Lithium	6-1	1563140	1505589	1592542	1553757	2.85	cps
Magnesium	24-2	71074	72280	71149	71501	0.94	cps
Manganese	55-2	1110	1117	1167	1131	2.74	cps
Molybdenum	94-1	14233	12890	13382	13501	5.03	cps
Molybdenum	95-1	16552	15192	15943	15896	4.29	cps
Molybdenum	96-1	18605	17562	16986	17717	4.63	cps
Molybdenum	97-1	10346	9954	9370	9890	4.96	cps
Molybdenum	98-1	26284	25282	24739	25435	3.08	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1147	1120	1110	1126	1.68	cps
Phosphorus	31-2	150	150	100	133	21.65	cps
Potassium	39-2	75983	76444	77080	76502	0.72	cps
Rhodium	103-1	3456712	3216510	3391860	3355027	3.70	cps
Rhodium	103-2	1618875	1613758	1625244	1619292	0.36	cps
Scandium	45-1	2858071	2870435	2802381	2843629	1.27	cps
Scandium	45-2	90727	90801	89671	90400	0.70	cps
Selenium	82-1	679	550	451	560	20.47	cps
Selenium	77-2	30	40	7	26	66.92	cps
Selenium	78-2	148	136	116	133	12.13	cps
Silicon	28-1	771781	765996	762702	766826	0.60	cps
Silver	107-1	6493	6710	6935	6713	3.29	cps
Silver	109-1	6727	6410	6568	6568	2.41	cps
Sodium	23-2	151331	152636	149115	151027	1.18	cps
Strontium	86-1	3734	3259	3234	3409	8.27	cps
Strontium	88-1	21945	19164	18813	19974	8.59	cps
Sulfur	34-1	306840	305548	308205	306864	0.43	cps
Terbium	159-1	3553909	3443863	3629558	3542443	2.64	cps
Terbium	159-2	1781641	1746420	1757520	1761860	1.02	cps
Thallium	203-1	3942	3717	3734	3798	3.30	cps
Thallium	205-1	9462	8762	9395	9206	4.20	cps
Tin	118-1	26226	25466	25566	25753	1.60	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	PB142365BS	Instrumnet Name :	P8
Client Sample ID :	LCS365	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:34:58	DataFile Name :	023LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6185	5860	5801	5949	3.48	cps
Uranium	238-1	9537	9621	9537	9565	0.50	cps
Vanadium	51-2	8459	7919	7562	7980	5.66	cps
Ytterbium	172-1	17	8	8	11	43.34	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	342	375	367	361	4.80	cps
Ytterbium	176-2	1856	2234	2222	2104	10.22	cps
Yttrium	89-1	5745518	5599551	5567052	5637374	1.69	cps
Yttrium	89-2	623939	621361	622689	622663	0.21	cps
Zinc	66-2	1900	1950	1763	1871	5.16	cps
Zirconium	90-1	11488	11955	11730	11725	1.99	cps
Zirconium	91-1	2909	2634	2559	2700	6.83	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9911	9509	9795	9738	2.12	cps
Antimony	121-1	22686	22010	23078	22591	2.39	cps
Arsenic	75-2	3	7	8	6	44.10	cps
Barium	135-1	23379	24047	23154	23527	1.97	cps
Barium	137-1	40562	41113	41180	40952	0.83	cps
Beryllium	9-1	5400	5364	5332	5365	0.63	cps
Bismuth	209-1	1692549	1759948	1668911	1707136	2.77	cps
Bismuth	209-2	1084848	1087587	1106621	1093019	1.09	cps
Boron	10-1	3126	3100	3210	3145	1.83	cps
Boron	11-1	15645	15677	15403	15575	0.96	cps
Bromine	81-1	20386	19905	21418	20570	3.76	cps
Cadmium	111-1	3315	3415	3334	3354	1.58	cps
Cadmium	106-1	1392	1467	1283	1381	6.68	cps
Cadmium	108-1	217	208	229	218	4.81	cps
Calcium	43-1	6381	6484	6304	6390	1.41	cps
Calcium	44-1	122356	123657	122747	122920	0.54	cps
Carbon	12-1	5060823	5080963	5275023	5138936	2.30	cps
Carbon	12-2	49074	49267	49810	49384	0.77	cps
Chlorine	35-1	567188	553535	548236	556320	1.76	cps
Chlorine	35-2	3642	3484	3275	3467	5.30	cps
Chromium	52-2	9146	9106	8910	9054	1.40	cps
Cobalt	59-2	11625	11685	12092	11801	2.15	cps
Copper	63-2	30814	31244	31031	31030	0.69	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	20	27	33	27	24.99	cps
Holmium	165-1	3206083	3306904	3150264	3221084	2.46	cps
Holmium	165-2	1760163	1782943	1704941	1749349	2.29	cps
Indium	115-1	3369717	3463606	3340447	3391257	1.90	cps
Indium	115-2	562300	563974	572583	566286	0.97	cps
Iron	54-2	14552	13590	13996	14046	3.44	cps
Iron	56-2	250689	247079	246316	248028	0.94	cps
Iron	57-2	6190	6424	6363	6326	1.91	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	637	680	767	694	9.53	cps
Lead	206-1	7641	7447	7363	7484	1.91	cps
Lead	207-1	6424	6880	7024	6776	4.62	cps
Lead	208-1	29953	29775	30420	30049	1.11	cps
Lithium	6-1	1533426	1538622	1564956	1545668	1.09	cps
Magnesium	24-2	34283	33163	33213	33553	1.88	cps
Manganese	55-2	2477	2584	2467	2509	2.58	cps
Molybdenum	94-1	142	150	192	161	16.63	cps
Molybdenum	95-1	83	25	75	61	51.63	cps
Molybdenum	96-1	117	92	75	94	22.21	cps
Molybdenum	97-1	17	58	33	36	58.08	cps
Molybdenum	98-1	108	125	100	111	11.46	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	6271	6725	6448	6482	3.53	cps
Phosphorus	31-2	75	75	83	78	6.19	cps
Potassium	39-2	42513	41343	42697	42184	1.74	cps
Rhodium	103-1	3175312	3340085	3140841	3218746	3.31	cps
Rhodium	103-2	1596018	1601143	1585851	1594337	0.49	cps
Scandium	45-1	2661697	2777736	2776290	2738574	2.43	cps
Scandium	45-2	89738	90416	88782	89645	0.92	cps
Selenium	82-1	1257	1165	1140	1188	5.20	cps
Selenium	77-2	53	43	30	42	27.72	cps
Selenium	78-2	210	190	208	203	5.43	cps
Silicon	28-1	719432	716685	720677	718931	0.28	cps
Silver	107-1	13557	13048	12815	13140	2.89	cps
Silver	109-1	12381	13482	13082	12981	4.29	cps
Sodium	23-2	10671	11263	10929	10954	2.71	cps
Strontium	86-1	1167	1258	1283	1236	4.97	cps
Strontium	88-1	483	517	467	489	5.21	cps
Sulfur	34-1	319324	317343	313201	316623	0.99	cps
Terbium	159-1	3496085	3518442	3496465	3503664	0.37	cps
Terbium	159-2	1794661	1778540	1737932	1770378	1.65	cps
Thallium	203-1	14442	14450	14717	14536	1.08	cps
Thallium	205-1	35642	33018	34931	34530	3.93	cps
Tin	118-1	1008	917	800	908	11.50	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-02	Instrumnet Name :	P8
Client Sample ID :	C0BT6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:45:22	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	217	267	231	13.68	cps
Uranium	238-1	17	33	8	19	65.47	cps
Vanadium	51-2	7072	7035	6918	7008	1.14	cps
Ytterbium	172-1	33	8	25	22	57.29	cps
Ytterbium	172-2	6	6	6	6	0.00	cps
Ytterbium	176-1	267	375	350	331	17.16	cps
Ytterbium	176-2	1767	2278	2178	2074	13.06	cps
Yttrium	89-1	5555802	5637050	5393042	5528632	2.25	cps
Yttrium	89-2	614292	609316	618341	613983	0.74	cps
Zinc	66-2	1043	997	960	1000	4.18	cps
Zirconium	90-1	433	383	417	411	6.19	cps
Zirconium	91-1	92	83	92	89	5.41	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	154	139	157	150	6.62	cps
Antimony	121-1	50	117	33	67	66.15	cps
Arsenic	75-2	7	11	13	10	29.57	cps
Barium	135-1	86627	87256	85202	86362	1.22	cps
Barium	137-1	147887	152675	147584	149382	1.91	cps
Beryllium	9-1	62	86	100	83	23.25	cps
Bismuth	209-1	1633432	1527023	1660737	1607064	4.40	cps
Bismuth	209-2	1029728	1049908	1039984	1039873	0.97	cps
Boron	10-1	3908	3818	4148	3958	4.31	cps
Boron	11-1	19369	19849	20228	19815	2.17	cps
Bromine	81-1	29271	30545	31899	30572	4.30	cps
Cadmium	111-1	224	226	253	234	6.85	cps
Cadmium	106-1	900	1033	1025	986	7.57	cps
Cadmium	108-1	21	8	33	21	60.01	cps
Calcium	43-1	96172	98330	96883	97129	1.13	cps
Calcium	44-1	1650659	1678387	1751575	1693541	3.08	cps
Carbon	12-1	6949179	7816277	8168028	7644495	8.21	cps
Carbon	12-2	82465	85817	86102	84794	2.39	cps
Chlorine	35-1	486872	494807	507775	496485	2.13	cps
Chlorine	35-2	3609	3834	3917	3787	4.21	cps
Chromium	52-2	563	670	560	598	10.47	cps
Cobalt	59-2	887	887	890	888	0.22	cps
Copper	63-2	590	597	630	606	3.54	cps
Dysprosium	156-1	42	42	33	39	12.38	cps
Dysprosium	156-2	27	30	17	24	28.38	cps
Erbium	164-1	67	33	58	53	32.87	cps
Erbium	164-2	57	7	27	30	83.88	cps
Gadolinium	160-1	67	58	75	67	12.50	cps
Gadolinium	160-2	50	33	60	48	28.20	cps
Holmium	165-1	3132393	3125646	3120889	3126309	0.18	cps
Holmium	165-2	1663190	1659029	1677639	1666619	0.59	cps
Indium	115-1	3220298	3120572	3273969	3204946	2.43	cps
Indium	115-2	545823	541314	536051	541062	0.90	cps
Iron	54-2	700	656	728	694	5.25	cps
Iron	56-2	6524	6791	6629	6648	2.02	cps
Iron	57-2	422	439	472	444	5.73	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	790	727	763	760	4.18	cps
Lead	206-1	439	356	350	381	13.05	cps
Lead	207-1	356	356	278	330	13.62	cps
Lead	208-1	1595	1550	1472	1539	4.02	cps
Lithium	6-1	1392397	1436749	1477440	1435529	2.96	cps
Magnesium	24-2	179041	176629	175069	176913	1.13	cps
Manganese	55-2	13697	13139	13823	13553	2.68	cps
Molybdenum	94-1	175	200	158	178	11.80	cps
Molybdenum	95-1	83	117	83	94	20.37	cps
Molybdenum	96-1	108	167	167	147	22.87	cps
Molybdenum	97-1	42	42	50	44	10.82	cps
Molybdenum	98-1	125	125	142	131	7.37	cps
Neodymium	150-1	33	53	67	51	32.83	cps
Neodymium	150-2	30	7	13	17	72.11	cps
Nickel	60-2	980	1170	1213	1121	11.07	cps
Phosphorus	31-2	117	108	117	114	4.22	cps
Potassium	39-2	216817	217892	219940	218216	0.73	cps
Rhodium	103-1	3000680	3072292	3169681	3080884	2.75	cps
Rhodium	103-2	1529631	1504969	1504591	1513064	0.95	cps
Scandium	45-1	2631256	2574724	2635957	2613979	1.30	cps
Scandium	45-2	85244	86519	86733	86165	0.93	cps
Selenium	82-1	-11	61	30	27	134.27	cps
Selenium	77-2	0	0	10	3	173.21	cps
Selenium	78-2	84	70	89	81	12.16	cps
Silicon	28-1	8959565	9018622	8897312	8958500	0.68	cps
Silver	107-1	108	125	100	111	11.46	cps
Silver	109-1	75	75	83	78	6.19	cps
Sodium	23-2	1477424	1492551	1487374	1485783	0.52	cps
Strontium	86-1	74357	78454	77524	76778	2.80	cps
Strontium	88-1	643559	647764	648194	646505	0.40	cps
Sulfur	34-1	368687	371661	370951	370433	0.42	cps
Terbium	159-1	3398423	3295775	3304352	3332850	1.71	cps
Terbium	159-2	1681393	1707406	1686085	1691628	0.82	cps
Thallium	203-1	233	183	242	219	14.38	cps
Thallium	205-1	475	542	517	511	6.59	cps
Tin	118-1	650	758	683	697	7.96	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-03	Instrumnet Name :	P8
Client Sample ID :	C0BX6	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:50:39	DataFile Name :	026AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	367	442	267	358	24.50	cps
Uranium	238-1	25	33	25	28	17.31	cps
Vanadium	51-2	53	83	63	67	22.91	cps
Ytterbium	172-1	58	100	67	75	29.40	cps
Ytterbium	172-2	44	72	56	57	24.35	cps
Ytterbium	176-1	292	275	333	300	10.02	cps
Ytterbium	176-2	1800	2006	2056	1954	6.93	cps
Yttrium	89-1	5233852	5325379	5227964	5262398	1.04	cps
Yttrium	89-2	589639	587382	591914	589645	0.38	cps
Zinc	66-2	1523	1463	1393	1460	4.46	cps
Zirconium	90-1	392	450	392	411	8.19	cps
Zirconium	91-1	158	108	75	114	36.83	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289	292	279	287	2.48	cps
Antimony	121-1	125	58	150	111	42.65	cps
Arsenic	75-2	18	9	19	15	35.92	cps
Barium	135-1	100188	98769	96813	98590	1.72	cps
Barium	137-1	168257	172046	171068	170457	1.15	cps
Beryllium	9-1	254	256	350	287	19.14	cps
Bismuth	209-1	1674222	1665640	1522015	1620625	5.28	cps
Bismuth	209-2	1070789	1036966	1061957	1056570	1.66	cps
Boron	10-1	3846	3994	4166	4002	4.00	cps
Boron	11-1	19299	20024	20610	19978	3.29	cps
Bromine	81-1	30776	31769	33575	32040	4.43	cps
Cadmium	111-1	288	271	262	273	4.87	cps
Cadmium	106-1	992	1083	1067	1047	4.66	cps
Cadmium	108-1	21	42	50	38	40.07	cps
Calcium	43-1	121377	122512	122969	122286	0.67	cps
Calcium	44-1	2121464	2095714	2269412	2162197	4.34	cps
Carbon	12-1	7757564	8293393	8776952	8275970	6.16	cps
Carbon	12-2	85080	86840	87628	86516	1.51	cps
Chlorine	35-1	523186	536165	533797	531049	1.30	cps
Chlorine	35-2	3959	3826	3442	3742	7.17	cps
Chromium	52-2	683	670	737	697	5.06	cps
Cobalt	59-2	8299	7866	8226	8130	2.85	cps
Copper	63-2	16383	16056	16306	16248	1.05	cps
Dysprosium	156-1	1233	1308	1192	1245	4.75	cps
Dysprosium	156-2	670	650	717	679	5.04	cps
Erbium	164-1	1067	1133	967	1056	7.95	cps
Erbium	164-2	563	620	557	580	6.00	cps
Gadolinium	160-1	1317	1467	1342	1375	5.85	cps
Gadolinium	160-2	803	777	847	809	4.37	cps
Holmium	165-1	3082796	3267057	3100775	3150209	3.22	cps
Holmium	165-2	1721055	1659906	1703928	1694963	1.86	cps
Indium	115-1	3272186	3192970	3238406	3234521	1.23	cps
Indium	115-2	543727	530412	538882	537674	1.25	cps
Iron	54-2	1072	1072	1039	1061	1.81	cps
Iron	56-2	12845	12845	13101	12930	1.14	cps
Iron	57-2	700	639	639	659	5.35	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	660	750	863	758	13.45	cps
Lead	206-1	1383	1672	1589	1548	9.61	cps
Lead	207-1	1272	1289	1522	1361	10.27	cps
Lead	208-1	5934	6301	6845	6360	7.21	cps
Lithium	6-1	1500946	1468603	1479109	1482886	1.11	cps
Magnesium	24-2	207632	204125	202733	204830	1.23	cps
Manganese	55-2	35955	35678	35658	35764	0.46	cps
Molybdenum	94-1	200	292	283	258	19.62	cps
Molybdenum	95-1	117	158	108	128	20.96	cps
Molybdenum	96-1	167	192	342	233	40.56	cps
Molybdenum	97-1	33	67	108	69	54.12	cps
Molybdenum	98-1	200	167	300	222	31.23	cps
Neodymium	150-1	1367	1547	1527	1480	6.67	cps
Neodymium	150-2	590	583	607	593	2.03	cps
Nickel	60-2	1657	1727	1563	1649	4.97	cps
Phosphorus	31-2	92	150	83	108	33.53	cps
Potassium	39-2	232324	228183	230036	230181	0.90	cps
Rhodium	103-1	3132694	3019131	3158162	3103329	2.39	cps
Rhodium	103-2	1532995	1539030	1522059	1531361	0.56	cps
Scandium	45-1	2610835	2615775	2774199	2666937	3.48	cps
Scandium	45-2	87719	85646	85700	86355	1.37	cps
Selenium	82-1	82	33	-143	-10	-1238.69	cps
Selenium	77-2	7	0	7	4	86.60	cps
Selenium	78-2	64	69	82	72	12.96	cps
Silicon	28-1	9514428	9522896	9725722	9587682	1.25	cps
Silver	107-1	117	100	92	103	12.39	cps
Silver	109-1	58	83	83	75	19.25	cps
Sodium	23-2	1798515	1732444	1750299	1760419	1.94	cps
Strontium	86-1	93522	94410	93145	93692	0.69	cps
Strontium	88-1	781057	810291	802197	797848	1.89	cps
Sulfur	34-1	380944	380054	376948	379316	0.55	cps
Terbium	159-1	3550645	3297480	3363156	3403760	3.86	cps
Terbium	159-2	1725387	1695084	1736126	1718866	1.24	cps
Thallium	203-1	267	225	317	269	17.03	cps
Thallium	205-1	475	400	533	469	14.24	cps
Tin	118-1	1183	1083	1150	1139	4.47	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-04	Instrumnet Name :	P8
Client Sample ID :	C0BX8	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:53:41	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	308	317	433	353	19.81	cps
Uranium	238-1	92	142	117	117	21.43	cps
Vanadium	51-2	137	160	183	160	14.58	cps
Ytterbium	172-1	358	367	517	414	21.53	cps
Ytterbium	172-2	244	328	244	272	17.67	cps
Ytterbium	176-1	542	433	458	478	11.87	cps
Ytterbium	176-2	2250	2334	2072	2219	6.01	cps
Yttrium	89-1	5258374	5420345	5300413	5326377	1.58	cps
Yttrium	89-2	598732	585624	591683	592013	1.11	cps
Zinc	66-2	6051	6225	6171	6149	1.44	cps
Zirconium	90-1	475	417	475	456	7.39	cps
Zirconium	91-1	58	83	92	78	22.31	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	371	339	281	330	13.79	cps
Antimony	121-1	92	67	150	103	41.60	cps
Arsenic	75-2	18	22	20	20	10.00	cps
Barium	135-1	100878	101909	104729	102505	1.94	cps
Barium	137-1	171886	181255	183479	178873	3.44	cps
Beryllium	9-1	344	280	256	293	15.51	cps
Bismuth	209-1	1636762	1580461	1546973	1588065	2.86	cps
Bismuth	209-2	1060912	1058115	1057816	1058947	0.16	cps
Boron	10-1	3822	3858	4030	3903	2.85	cps
Boron	11-1	18186	19009	18858	18684	2.35	cps
Bromine	81-1	30224	30635	31438	30766	2.01	cps
Cadmium	111-1	320	267	267	284	10.70	cps
Cadmium	106-1	958	1083	950	997	7.49	cps
Cadmium	108-1	38	42	21	33	33.08	cps
Calcium	43-1	128037	128609	127534	128060	0.42	cps
Calcium	44-1	2234903	2214596	2225934	2225144	0.46	cps
Carbon	12-1	7988342	8727203	8885845	8533796	5.61	cps
Carbon	12-2	86228	87000	89791	87673	2.14	cps
Chlorine	35-1	523043	526429	529850	526440	0.65	cps
Chlorine	35-2	3926	3492	3867	3762	6.25	cps
Chromium	52-2	1053	1003	1077	1044	3.59	cps
Cobalt	59-2	8613	7996	8269	8292	3.73	cps
Copper	63-2	14661	14531	14364	14519	1.03	cps
Dysprosium	156-1	1208	1058	1075	1114	7.38	cps
Dysprosium	156-2	763	697	653	704	7.87	cps
Erbium	164-1	1125	975	942	1014	9.63	cps
Erbium	164-2	597	573	450	540	14.60	cps
Gadolinium	160-1	1483	1408	1592	1495	6.17	cps
Gadolinium	160-2	813	803	810	809	0.63	cps
Holmium	165-1	3074829	3164553	3116874	3118752	1.44	cps
Holmium	165-2	1714967	1669322	1691670	1691986	1.35	cps
Indium	115-1	3206634	3323000	3250897	3260177	1.80	cps
Indium	115-2	543598	534899	538966	539155	0.81	cps
Iron	54-2	889	1111	1000	1000	11.11	cps
Iron	56-2	12389	12862	12750	12667	1.95	cps
Iron	57-2	644	633	794	691	13.03	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	677	770	773	740	7.42	cps
Lead	206-1	1511	1389	1422	1441	4.39	cps
Lead	207-1	1139	1111	1172	1141	2.68	cps
Lead	208-1	5195	5223	5706	5375	5.35	cps
Lithium	6-1	1440714	1497743	1466077	1468178	1.95	cps
Magnesium	24-2	215384	213627	210960	213323	1.04	cps
Manganese	55-2	37045	36794	36807	36882	0.38	cps
Molybdenum	94-1	333	217	300	283	21.21	cps
Molybdenum	95-1	125	150	150	142	10.19	cps
Molybdenum	96-1	242	233	300	258	14.06	cps
Molybdenum	97-1	142	92	75	103	33.76	cps
Molybdenum	98-1	258	158	200	206	24.44	cps
Neodymium	150-1	1200	1627	1473	1433	15.08	cps
Neodymium	150-2	653	640	637	643	1.37	cps
Nickel	60-2	1740	1733	1577	1683	5.49	cps
Phosphorus	31-2	92	58	75	75	22.23	cps
Potassium	39-2	242388	238592	239361	240114	0.84	cps
Rhodium	103-1	3055502	3105120	3182826	3114483	2.06	cps
Rhodium	103-2	1583451	1533923	1570797	1562723	1.65	cps
Scandium	45-1	2674174	2650357	2571468	2632000	2.04	cps
Scandium	45-2	86424	87404	86471	86767	0.64	cps
Selenium	82-1	63	-41	78	33	193.69	cps
Selenium	77-2	0	3	10	4	114.60	cps
Selenium	78-2	73	90	69	77	14.42	cps
Silicon	28-1	9940990	9993896	10054081	9996322	0.57	cps
Silver	107-1	83	67	25	58	51.51	cps
Silver	109-1	67	17	33	39	65.47	cps
Sodium	23-2	1811472	1796648	1815620	1807914	0.55	cps
Strontium	86-1	96366	97197	95870	96478	0.69	cps
Strontium	88-1	818268	819604	822502	820125	0.26	cps
Sulfur	34-1	374037	370439	374272	372916	0.58	cps
Terbium	159-1	3364262	3449756	3380708	3398242	1.33	cps
Terbium	159-2	1745611	1689734	1724695	1720013	1.64	cps
Thallium	203-1	233	192	167	197	17.08	cps
Thallium	205-1	417	500	417	444	10.83	cps
Tin	118-1	875	1008	983	956	7.42	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-05	Instrumnet Name :	P8
Client Sample ID :	C0BY0	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:56:46	DataFile Name :	028AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	408	333	317	353	13.84	cps
Uranium	238-1	108	58	133	100	38.19	cps
Vanadium	51-2	137	160	103	133	21.36	cps
Ytterbium	172-1	350	550	500	467	22.30	cps
Ytterbium	172-2	267	300	256	274	8.44	cps
Ytterbium	176-1	517	625	642	594	11.42	cps
Ytterbium	176-2	1956	2406	2345	2235	10.92	cps
Yttrium	89-1	5368059	5378898	5366809	5371256	0.12	cps
Yttrium	89-2	598250	597988	587770	594669	1.00	cps
Zinc	66-2	6422	6635	6675	6577	2.07	cps
Zirconium	90-1	417	367	400	394	6.45	cps
Zirconium	91-1	117	58	58	78	43.30	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	384	355	370	3.89	cps
Antimony	121-1	58	50	33	47	26.96	cps
Arsenic	75-2	9	13	7	10	31.60	cps
Barium	135-1	101689	104562	103151	103134	1.39	cps
Barium	137-1	180421	174971	179441	178278	1.63	cps
Beryllium	9-1	418	430	374	407	7.24	cps
Bismuth	209-1	1577476	1644437	1525898	1582604	3.76	cps
Bismuth	209-2	1060968	1063326	1065549	1063281	0.22	cps
Boron	10-1	3564	3584	3672	3606	1.59	cps
Boron	11-1	17018	17875	18043	17646	3.12	cps
Bromine	81-1	28719	30725	31548	30331	4.80	cps
Cadmium	111-1	289	272	246	269	7.95	cps
Cadmium	106-1	1133	1167	1000	1100	8.02	cps
Cadmium	108-1	13	58	29	33	69.59	cps
Calcium	43-1	90333	92374	91281	91329	1.12	cps
Calcium	44-1	1595378	1696999	1664365	1652247	3.14	cps
Carbon	12-1	8023319	8512946	8932642	8489635	5.36	cps
Carbon	12-2	86764	88122	89146	88011	1.36	cps
Chlorine	35-1	504925	503922	506381	505076	0.24	cps
Chlorine	35-2	3601	3459	3392	3484	3.05	cps
Chromium	52-2	913	950	830	898	6.85	cps
Cobalt	59-2	6702	6532	6375	6536	2.50	cps
Copper	63-2	5381	5334	5431	5382	0.90	cps
Dysprosium	156-1	967	1133	1200	1100	10.93	cps
Dysprosium	156-2	647	627	537	603	9.71	cps
Erbium	164-1	1033	1008	1092	1045	4.09	cps
Erbium	164-2	503	523	477	501	4.67	cps
Gadolinium	160-1	1133	1108	1167	1136	2.58	cps
Gadolinium	160-2	703	727	670	700	4.07	cps
Holmium	165-1	3087101	3304064	3084080	3158415	3.99	cps
Holmium	165-2	1684090	1706962	1702633	1697895	0.72	cps
Indium	115-1	3238339	3341574	3281393	3287102	1.58	cps
Indium	115-2	536713	539353	533866	536644	0.51	cps
Iron	54-2	1339	1278	1150	1256	7.68	cps
Iron	56-2	17116	17127	16933	17059	0.64	cps
Iron	57-2	667	733	694	698	4.80	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	723	860	737	773	9.74	cps
Lead	206-1	928	983	767	893	12.61	cps
Lead	207-1	878	806	817	833	4.67	cps
Lead	208-1	3522	3773	3450	3582	4.72	cps
Lithium	6-1	1439274	1464075	1518412	1473920	2.75	cps
Magnesium	24-2	176552	175488	176207	176082	0.31	cps
Manganese	55-2	24695	24294	24087	24359	1.27	cps
Molybdenum	94-1	200	150	267	206	28.48	cps
Molybdenum	95-1	83	100	42	75	40.06	cps
Molybdenum	96-1	142	142	117	133	10.83	cps
Molybdenum	97-1	17	67	8	31	103.26	cps
Molybdenum	98-1	150	133	125	136	9.35	cps
Neodymium	150-1	1380	1447	1367	1398	3.07	cps
Neodymium	150-2	580	483	487	517	10.62	cps
Nickel	60-2	2087	2157	2067	2104	2.25	cps
Phosphorus	31-2	117	83	75	92	24.05	cps
Potassium	39-2	215338	215128	215636	215368	0.12	cps
Rhodium	103-1	3207917	3241293	3127799	3192336	1.83	cps
Rhodium	103-2	1557708	1557252	1528963	1547975	1.06	cps
Scandium	45-1	2663662	2732516	2612393	2669524	2.26	cps
Scandium	45-2	85788	84617	84952	85119	0.71	cps
Selenium	82-1	68	-77	45	12	663.02	cps
Selenium	77-2	3	10	10	8	49.52	cps
Selenium	78-2	72	79	77	76	4.74	cps
Silicon	28-1	8614479	8694367	8772827	8693891	0.91	cps
Silver	107-1	58	58	8	42	69.29	cps
Silver	109-1	33	33	33	33	0.00	cps
Sodium	23-2	1052130	1062345	1069563	1061346	0.83	cps
Strontium	86-1	77013	76116	75538	76222	0.97	cps
Strontium	88-1	637483	635562	628743	633929	0.72	cps
Sulfur	34-1	353192	352793	354232	353406	0.21	cps
Terbium	159-1	3445132	3399692	3427417	3424081	0.67	cps
Terbium	159-2	1691702	1708280	1736683	1712222	1.33	cps
Thallium	203-1	150	125	242	172	35.67	cps
Thallium	205-1	467	383	408	419	10.20	cps
Tin	118-1	467	508	642	539	16.96	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-06	Instrumnet Name :	P8
Client Sample ID :	C0BY3	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 12:59:49	DataFile Name :	029AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	417	283	317	339	20.48	cps
Uranium	238-1	75	67	67	69	6.93	cps
Vanadium	51-2	33	63	33	43	39.97	cps
Ytterbium	172-1	425	333	325	361	15.37	cps
Ytterbium	172-2	172	194	222	196	12.76	cps
Ytterbium	176-1	475	475	483	478	1.01	cps
Ytterbium	176-2	2067	2061	2078	2069	0.41	cps
Yttrium	89-1	5262503	5384868	5221993	5289788	1.60	cps
Yttrium	89-2	589983	594341	591945	592090	0.37	cps
Zinc	66-2	3837	3727	3674	3746	2.22	cps
Zirconium	90-1	350	400	425	392	9.75	cps
Zirconium	91-1	67	117	75	86	31.11	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206	204	237	216	8.71	cps
Antimony	121-1	83	150	133	122	28.38	cps
Arsenic	75-2	8	10	20	13	50.76	cps
Barium	135-1	89387	88892	92651	90310	2.26	cps
Barium	137-1	150846	154925	155736	153836	1.70	cps
Beryllium	9-1	72	84	88	81	10.23	cps
Bismuth	209-1	1654856	1577150	1569780	1600596	2.94	cps
Bismuth	209-2	1061888	1049982	1052681	1054850	0.59	cps
Boron	10-1	3406	3616	3700	3574	4.24	cps
Boron	11-1	16830	17553	17743	17375	2.77	cps
Bromine	81-1	26192	26402	28378	26991	4.47	cps
Cadmium	111-1	329	305	298	311	5.18	cps
Cadmium	106-1	1150	1058	1208	1139	6.64	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Calcium	43-1	100580	101627	101967	101391	0.71	cps
Calcium	44-1	1810297	1823395	1825570	1819754	0.45	cps
Carbon	12-1	8312159	8874799	9146809	8777923	4.85	cps
Carbon	12-2	89406	90118	90043	89856	0.44	cps
Chlorine	35-1	500460	504792	508826	504693	0.83	cps
Chlorine	35-2	3551	3576	3567	3564	0.36	cps
Chromium	52-2	580	640	643	621	5.74	cps
Cobalt	59-2	1103	1100	1147	1117	2.33	cps
Copper	63-2	44991	44336	44035	44454	1.10	cps
Dysprosium	156-1	167	242	192	200	19.10	cps
Dysprosium	156-2	100	97	67	88	20.91	cps
Erbium	164-1	192	83	117	131	42.50	cps
Erbium	164-2	70	90	93	84	14.94	cps
Gadolinium	160-1	192	150	175	172	12.17	cps
Gadolinium	160-2	93	130	117	113	16.38	cps
Holmium	165-1	3111791	3037613	3266098	3138501	3.71	cps
Holmium	165-2	1717091	1716092	1668181	1700455	1.64	cps
Indium	115-1	3220942	3186767	3295030	3234246	1.71	cps
Indium	115-2	545729	534149	536269	538716	1.14	cps
Iron	54-2	750	767	711	743	3.84	cps
Iron	56-2	8747	8058	8080	8295	4.72	cps
Iron	57-2	461	589	528	526	12.15	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	747	680	743	723	5.19	cps
Lead	206-1	1934	2284	2195	2137	8.51	cps
Lead	207-1	1495	1800	1845	1713	11.12	cps
Lead	208-1	7918	8462	8373	8251	3.54	cps
Lithium	6-1	1491890	1487039	1474654	1484528	0.60	cps
Magnesium	24-2	180693	180426	180197	180439	0.14	cps
Manganese	55-2	13964	14444	14241	14216	1.70	cps
Molybdenum	94-1	325	300	358	328	8.93	cps
Molybdenum	95-1	25	83	100	69	56.71	cps
Molybdenum	96-1	217	200	192	203	6.28	cps
Molybdenum	97-1	58	42	33	44	28.65	cps
Molybdenum	98-1	100	117	267	161	56.98	cps
Neodymium	150-1	80	187	167	144	39.25	cps
Neodymium	150-2	40	27	53	40	33.33	cps
Nickel	60-2	1393	1430	1417	1413	1.31	cps
Phosphorus	31-2	717	708	700	708	1.18	cps
Potassium	39-2	221218	220542	219804	220522	0.32	cps
Rhodium	103-1	3023393	3145804	3131906	3100368	2.16	cps
Rhodium	103-2	1445022	1527149	1569061	1513744	4.17	cps
Scandium	45-1	2599383	2657585	2715562	2657510	2.19	cps
Scandium	45-2	86374	86025	84684	85695	1.04	cps
Selenium	82-1	32	85	9	42	92.03	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	65	73	87	75	14.85	cps
Silicon	28-1	9019891	9227240	9159146	9135425	1.16	cps
Silver	107-1	183	67	50	100	72.65	cps
Silver	109-1	33	75	50	53	39.74	cps
Sodium	23-2	1790241	1785272	1769735	1781749	0.60	cps
Strontium	86-1	79007	82393	79159	80186	2.38	cps
Strontium	88-1	657645	669041	689821	672169	2.43	cps
Sulfur	34-1	345879	350368	347448	347898	0.65	cps
Terbium	159-1	3408342	3417607	3412313	3412754	0.14	cps
Terbium	159-2	1729033	1707235	1716739	1717669	0.64	cps
Thallium	203-1	533	492	375	467	17.59	cps
Thallium	205-1	1333	1083	1175	1197	10.56	cps
Tin	118-1	792	708	708	736	6.54	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07	Instrumnet Name :	P8
Client Sample ID :	C0BY7	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:02:53	DataFile Name :	030AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	492	475	433	467	6.44	cps
Uranium	238-1	92	75	67	78	16.37	cps
Vanadium	51-2	100	73	87	87	15.39	cps
Ytterbium	172-1	58	108	133	100	38.19	cps
Ytterbium	172-2	50	39	50	46	13.85	cps
Ytterbium	176-1	308	358	458	375	20.37	cps
Ytterbium	176-2	1906	2061	2272	2080	8.85	cps
Yttrium	89-1	5237667	5423831	5348948	5336815	1.76	cps
Yttrium	89-2	586883	583343	580053	583426	0.59	cps
Zinc	66-2	4798	4898	5021	4905	2.28	cps
Zirconium	90-1	683	650	808	714	11.69	cps
Zirconium	91-1	100	92	175	122	37.55	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	246	261	206	238	11.95	cps
Antimony	121-1	108	75	100	94	18.37	cps
Arsenic	75-2	11	8	8	9	19.25	cps
Barium	135-1	89781	89949	88163	89298	1.10	cps
Barium	137-1	157769	151301	152960	154010	2.18	cps
Beryllium	9-1	108	102	86	99	11.53	cps
Bismuth	209-1	1207901	1641605	1735664	1528390	18.42	cps
Bismuth	209-2	1061671	1069563	1057612	1062949	0.57	cps
Boron	10-1	3434	3462	3496	3464	0.90	cps
Boron	11-1	17002	17013	17695	17237	2.30	cps
Bromine	81-1	25450	26954	25158	25854	3.73	cps
Cadmium	111-1	259	275	333	289	13.32	cps
Cadmium	106-1	900	1167	1183	1083	14.68	cps
Cadmium	108-1	42	29	42	38	19.24	cps
Calcium	43-1	102160	102260	102600	102340	0.23	cps
Calcium	44-1	1847203	1810128	1795969	1817767	1.46	cps
Carbon	12-1	8101758	8573757	8858042	8511186	4.49	cps
Carbon	12-2	85901	88316	88702	87640	1.73	cps
Chlorine	35-1	463596	478997	477015	473202	1.77	cps
Chlorine	35-2	3425	3442	3275	3381	2.72	cps
Chromium	52-2	740	700	763	734	4.36	cps
Cobalt	59-2	1170	1050	1190	1137	6.66	cps
Copper	63-2	43754	42901	42537	43064	1.45	cps
Dysprosium	156-1	133	133	167	144	13.32	cps
Dysprosium	156-2	87	70	60	72	18.66	cps
Erbium	164-1	133	167	142	147	11.78	cps
Erbium	164-2	70	47	40	52	30.16	cps
Gadolinium	160-1	175	100	242	172	41.15	cps
Gadolinium	160-2	100	123	100	108	12.50	cps
Holmium	165-1	2487106	3088331	3184830	2920089	12.95	cps
Holmium	165-2	1743919	1733883	1694834	1724212	1.50	cps
Indium	115-1	2476808	3107044	3286184	2956679	14.38	cps
Indium	115-2	539573	544031	543756	542454	0.46	cps
Iron	54-2	806	911	833	850	6.44	cps
Iron	56-2	8503	8769	8291	8521	2.81	cps
Iron	57-2	467	494	550	504	8.42	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	700	750	833	761	8.85	cps
Lead	206-1	1772	1761	1984	1839	6.81	cps
Lead	207-1	1783	1628	1528	1646	7.82	cps
Lead	208-1	7529	7307	7512	7449	1.66	cps
Lithium	6-1	1180551	1461968	1522523	1388347	13.14	cps
Magnesium	24-2	178984	179759	172898	177214	2.12	cps
Manganese	55-2	14507	13997	14307	14271	1.80	cps
Molybdenum	94-1	292	342	325	319	7.97	cps
Molybdenum	95-1	75	108	25	69	60.40	cps
Molybdenum	96-1	92	150	125	122	23.94	cps
Molybdenum	97-1	50	33	75	53	39.74	cps
Molybdenum	98-1	67	83	100	83	20.00	cps
Neodymium	150-1	160	173	193	176	9.56	cps
Neodymium	150-2	37	77	37	50	46.18	cps
Nickel	60-2	1383	1277	1610	1423	11.96	cps
Phosphorus	31-2	550	558	592	567	3.89	cps
Potassium	39-2	218430	218697	219755	218961	0.32	cps
Rhodium	103-1	2423514	3037496	3204032	2888347	14.23	cps
Rhodium	103-2	1530051	1583956	1548649	1554218	1.76	cps
Scandium	45-1	2057227	2681640	2700910	2479926	14.77	cps
Scandium	45-2	85673	84684	85646	85335	0.66	cps
Selenium	82-1	103	13	-69	16	551.20	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	70	75	80	75	6.67	cps
Silicon	28-1	9146353	9091460	9118642	9118819	0.30	cps
Silver	107-1	42	100	125	89	48.11	cps
Silver	109-1	58	67	75	67	12.50	cps
Sodium	23-2	1776238	1775370	1747399	1766335	0.93	cps
Strontium	86-1	79175	80968	82000	80714	1.77	cps
Strontium	88-1	673770	683411	679404	678862	0.71	cps
Sulfur	34-1	352858	355158	353234	353750	0.35	cps
Terbium	159-1	2564701	3344824	3503392	3137639	16.01	cps
Terbium	159-2	1708444	1750706	1724254	1727801	1.24	cps
Thallium	203-1	350	425	342	372	12.33	cps
Thallium	205-1	1017	1167	1042	1075	7.48	cps
Tin	118-1	658	667	683	669	1.90	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-08	Instrumnet Name :	P8
Client Sample ID :	C0BY7D	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:05:56	DataFile Name :	031AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	425	658	675	586	23.85	cps
Uranium	238-1	75	92	58	75	22.22	cps
Vanadium	51-2	90	70	93	84	14.94	cps
Ytterbium	172-1	150	75	92	106	37.31	cps
Ytterbium	172-2	78	56	50	61	24.05	cps
Ytterbium	176-1	267	475	317	353	30.83	cps
Ytterbium	176-2	1995	1928	2217	2046	7.39	cps
Yttrium	89-1	4098070	5291943	5332501	4907505	14.29	cps
Yttrium	89-2	586773	593823	591568	590721	0.61	cps
Zinc	66-2	4801	4654	4744	4733	1.56	cps
Zirconium	90-1	575	692	625	631	9.28	cps
Zirconium	91-1	150	158	142	150	5.56	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109	97	119	108	9.81	cps
Antimony	121-1	50	42	33	42	20.00	cps
Arsenic	75-2	7	9	2	6	60.09	cps
Barium	135-1	17996	18163	18054	18071	0.47	cps
Barium	137-1	31705	31312	31980	31666	1.06	cps
Beryllium	9-1	46	46	52	48	7.22	cps
Bismuth	209-1	1720243	1795198	1704756	1740066	2.78	cps
Bismuth	209-2	1093218	1083757	1092133	1089703	0.48	cps
Boron	10-1	2176	2276	2246	2232	2.30	cps
Boron	11-1	10666	10734	10952	10784	1.39	cps
Bromine	81-1	21980	23354	22461	22598	3.08	cps
Cadmium	111-1	234	247	205	229	9.25	cps
Cadmium	106-1	1042	1183	1008	1078	8.62	cps
Cadmium	108-1	17	33	13	21	52.90	cps
Calcium	43-1	20580	20661	20767	20669	0.46	cps
Calcium	44-1	363375	358105	359712	360397	0.75	cps
Carbon	12-1	6486916	6522235	6689444	6566198	1.65	cps
Carbon	12-2	61278	60943	60944	61055	0.32	cps
Chlorine	35-1	399573	400078	396989	398880	0.42	cps
Chlorine	35-2	2700	2634	2700	2678	1.44	cps
Chromium	52-2	463	460	487	470	3.09	cps
Cobalt	59-2	270	247	243	253	5.74	cps
Copper	63-2	9253	8933	9520	9235	3.18	cps
Dysprosium	156-1	33	0	25	19	89.21	cps
Dysprosium	156-2	10	17	13	13	25.01	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	53	37	50	47	18.89	cps
Holmium	165-1	3291041	3199227	3265230	3251833	1.46	cps
Holmium	165-2	1763613	1784706	1735665	1761328	1.40	cps
Indium	115-1	3374850	3432934	3430655	3412813	0.96	cps
Indium	115-2	550446	548310	552082	550279	0.34	cps
Iron	54-2	583	522	450	519	12.87	cps
Iron	56-2	3878	3995	3723	3865	3.53	cps
Iron	57-2	194	339	322	285	27.71	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	813	740	783	779	4.73	cps
Lead	206-1	622	633	850	702	18.30	cps
Lead	207-1	561	483	606	550	11.25	cps
Lead	208-1	2400	2233	2839	2491	12.56	cps
Lithium	6-1	1579802	1511129	1519727	1536886	2.43	cps
Magnesium	24-2	37156	35736	36279	36390	1.97	cps
Manganese	55-2	2967	2790	2847	2868	3.15	cps
Molybdenum	94-1	192	133	175	167	18.03	cps
Molybdenum	95-1	25	58	42	42	40.00	cps
Molybdenum	96-1	125	133	100	119	14.53	cps
Molybdenum	97-1	50	25	8	28	75.51	cps
Molybdenum	98-1	50	25	50	42	34.64	cps
Neodymium	150-1	7	27	20	18	57.27	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	510	447	457	471	7.23	cps
Phosphorus	31-2	242	183	242	222	15.16	cps
Potassium	39-2	58251	57716	58142	58037	0.49	cps
Rhodium	103-1	3261336	3156827	3207644	3208602	1.63	cps
Rhodium	103-2	1575686	1593991	1576303	1581993	0.66	cps
Scandium	45-1	2756291	2746284	2693205	2731927	1.24	cps
Scandium	45-2	87806	87632	86445	87294	0.85	cps
Selenium	82-1	-83	-14	-27	-41	-89.30	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	67	66	72	68	4.70	cps
Silicon	28-1	2424093	2425691	2461291	2437025	0.86	cps
Silver	107-1	75	17	17	36	93.25	cps
Silver	109-1	33	17	33	28	34.63	cps
Sodium	23-2	350989	341522	346620	346377	1.37	cps
Strontium	86-1	17728	17044	17186	17320	2.08	cps
Strontium	88-1	135017	134546	135565	135042	0.38	cps
Sulfur	34-1	300454	301340	297318	299704	0.71	cps
Terbium	159-1	3600908	3515885	3521053	3545949	1.34	cps
Terbium	159-2	1750749	1735205	1746618	1744190	0.46	cps
Thallium	203-1	242	142	150	178	31.21	cps
Thallium	205-1	300	358	533	397	30.57	cps
Tin	118-1	4234	4301	4559	4365	3.93	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-07LX5	Instrumnet Name :	P8
Client Sample ID :	C0BY7L	Dilution Factor :	5
Date & Time Acquired ::	2022-02-03 13:09:01	DataFile Name :	032AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	267	283	278	3.46	cps
Uranium	238-1	17	0	8	8	100.02	cps
Vanadium	51-2	20	30	33	28	24.98	cps
Ytterbium	172-1	25	42	33	33	25.00	cps
Ytterbium	172-2	28	17	11	19	45.83	cps
Ytterbium	176-1	333	367	433	378	13.48	cps
Ytterbium	176-2	1978	1900	2078	1985	4.49	cps
Yttrium	89-1	5551394	5482103	5584091	5539196	0.94	cps
Yttrium	89-2	603221	601119	603209	602517	0.20	cps
Zinc	66-2	1000	1110	1060	1057	5.21	cps
Zirconium	90-1	325	367	433	375	14.57	cps
Zirconium	91-1	67	67	125	86	39.11	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51017	49740	50195	50317	1.29	cps
Antimony	121-1	265784	271384	278203	271791	2.29	cps
Arsenic	75-2	3880	3656	3792	3776	2.99	cps
Barium	135-1	1538288	1569730	1465975	1524664	3.49	cps
Barium	137-1	2636887	2659961	2766200	2687683	2.57	cps
Beryllium	9-1	38436	39322	40018	39259	2.02	cps
Bismuth	209-1	1728711	1643856	1635977	1669514	3.08	cps
Bismuth	209-2	1055519	1051560	1062945	1056675	0.55	cps
Boron	10-1	2984	3076	3102	3054	2.03	cps
Boron	11-1	14448	15349	15445	15081	3.65	cps
Bromine	81-1	23986	22942	24296	23741	2.99	cps
Cadmium	111-1	33547	33454	33695	33565	0.36	cps
Cadmium	106-1	3984	4184	4267	4145	3.51	cps
Cadmium	108-1	2246	2400	2479	2375	5.00	cps
Calcium	43-1	97473	99684	100856	99338	1.73	cps
Calcium	44-1	1719281	1748501	1789668	1752483	2.02	cps
Carbon	12-1	7882946	8287040	8776944	8315643	5.38	cps
Carbon	12-2	85976	86522	88651	87050	1.62	cps
Chlorine	35-1	1516524	1703145	1989463	1736378	13.72	cps
Chlorine	35-2	16426	17111	20323	17953	11.59	cps
Chromium	52-2	201595	198853	199763	200070	0.70	cps
Cobalt	59-2	890498	873789	884175	882820	0.96	cps
Copper	63-2	364733	367443	367139	366439	0.41	cps
Dysprosium	156-1	117	108	150	125	17.64	cps
Dysprosium	156-2	113	133	87	111	21.07	cps
Erbium	164-1	167	150	233	183	24.05	cps
Erbium	164-2	80	50	53	61	26.91	cps
Gadolinium	160-1	150	167	225	181	21.81	cps
Gadolinium	160-2	127	140	143	137	6.45	cps
Holmium	165-1	3320072	3140713	3225382	3228723	2.78	cps
Holmium	165-2	1734068	1684064	1668718	1695616	2.02	cps
Indium	115-1	3381665	3235169	3312131	3309655	2.21	cps
Indium	115-2	535458	528275	534232	532655	0.72	cps
Iron	54-2	50617	49146	49943	49902	1.48	cps
Iron	56-2	787498	774721	780390	780870	0.82	cps
Iron	57-2	19508	19375	20198	19693	2.24	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	760	797	703	753	6.24	cps
Lead	206-1	31673	32619	32758	32350	1.83	cps
Lead	207-1	28209	29373	29167	28916	2.15	cps
Lead	208-1	127777	130534	134719	131010	2.67	cps
Lithium	6-1	1591384	1527854	1479433	1532890	3.66	cps
Magnesium	24-2	173619	174438	176815	174957	0.95	cps
Manganese	55-2	261247	256634	261819	259900	1.09	cps
Molybdenum	94-1	300	325	292	306	5.68	cps
Molybdenum	95-1	67	208	92	122	61.87	cps
Molybdenum	96-1	242	292	150	228	31.54	cps
Molybdenum	97-1	83	50	67	67	25.00	cps
Molybdenum	98-1	167	217	192	192	13.04	cps
Neodymium	150-1	133	207	200	180	22.53	cps
Neodymium	150-2	53	37	43	44	18.87	cps
Nickel	60-2	241861	235286	233524	236891	1.85	cps
Phosphorus	31-2	642	767	792	733	10.96	cps
Potassium	39-2	218553	214875	214111	215846	1.10	cps
Rhodium	103-1	3313727	3169920	3175723	3219790	2.53	cps
Rhodium	103-2	1515462	1506831	1514111	1512135	0.31	cps
Scandium	45-1	2801679	2672953	2687788	2720806	2.59	cps
Scandium	45-2	84885	84721	84325	84644	0.34	cps
Selenium	82-1	5663	5813	5807	5761	1.47	cps
Selenium	77-2	220	190	167	192	13.91	cps
Selenium	78-2	683	675	729	696	4.19	cps
Silicon	28-1	8969731	8807858	9156240	8977943	1.94	cps
Silver	107-1	148591	149652	150418	149554	0.61	cps
Silver	109-1	143300	144321	145194	144272	0.66	cps
Sodium	23-2	1747779	1697519	1735500	1726933	1.52	cps
Strontium	86-1	76184	79502	79619	78435	2.49	cps
Strontium	88-1	653743	660992	662046	658927	0.69	cps
Sulfur	34-1	349913	346006	348824	348248	0.58	cps
Terbium	159-1	3484480	3407109	3356954	3416181	1.88	cps
Terbium	159-2	1727097	1715286	1672614	1704999	1.68	cps
Thallium	203-1	96073	97005	97369	96816	0.69	cps
Thallium	205-1	224617	227734	229175	227175	1.03	cps
Tin	118-1	1450	1492	1667	1536	7.48	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	N1304-09	Instrumnet Name :	P8
Client Sample ID :	C0BY7S	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:12:05	DataFile Name :	033AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	333	442	475	417	17.78	cps
Uranium	238-1	67	125	75	89	35.49	cps
Vanadium	51-2	410443	402114	404826	405794	1.05	cps
Ytterbium	172-1	75	92	125	97	26.19	cps
Ytterbium	172-2	39	61	67	56	26.46	cps
Ytterbium	176-1	442	417	325	394	15.57	cps
Ytterbium	176-2	2039	2200	2061	2100	4.16	cps
Yttrium	89-1	5599403	5358487	5249312	5402401	3.32	cps
Yttrium	89-2	589633	578744	588186	585521	1.01	cps
Zinc	66-2	78044	76404	77015	77154	1.07	cps
Zirconium	90-1	575	642	467	561	15.74	cps
Zirconium	91-1	192	100	217	169	36.25	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1459277	1421248	1416118	1432214	1.65	cps
Antimony	121-1	1439045	1480401	1444585	1454677	1.54	cps
Arsenic	75-2	46400	46105	46180	46228	0.33	cps
Barium	135-1	1939234	2009802	1978839	1975958	1.79	cps
Barium	137-1	3230758	3391244	3385488	3335830	2.73	cps
Beryllium	9-1	413004	410768	410495	411422	0.33	cps
Bismuth	209-1	1880938	1826925	1856091	1854651	1.46	cps
Bismuth	209-2	1099272	1078457	1102407	1093379	1.19	cps
Boron	10-1	111581	115315	121513	116136	4.32	cps
Boron	11-1	534386	580041	585097	566508	4.93	cps
Bromine	81-1	21379	21208	19544	20710	4.89	cps
Cadmium	111-1	361029	364216	362113	362453	0.45	cps
Cadmium	106-1	41823	42048	42232	42034	0.49	cps
Cadmium	108-1	27857	28663	29047	28523	2.13	cps
Calcium	43-1	3018712	2954997	3021170	2998293	1.25	cps
Calcium	44-1	50801510	48605881	48572457	49326616	2.59	cps
Carbon	12-1	5478087	5482772	5670210	5543690	1.98	cps
Carbon	12-2	54092	53741	55732	54521	1.95	cps
Chlorine	35-1	553648	551465	544914	550009	0.83	cps
Chlorine	35-2	3434	3342	3659	3478	4.69	cps
Chromium	52-2	506047	500080	499045	501724	0.75	cps
Cobalt	59-2	865602	853677	864380	861220	0.76	cps
Copper	63-2	7267090	7184034	7091266	7180797	1.22	cps
Dysprosium	156-1	342	308	317	322	5.38	cps
Dysprosium	156-2	177	170	137	161	13.30	cps
Erbium	164-1	125	117	100	114	11.18	cps
Erbium	164-2	47	27	40	38	26.95	cps
Gadolinium	160-1	325	333	267	308	11.78	cps
Gadolinium	160-2	167	177	177	173	3.33	cps
Holmium	165-1	3547725	3710190	3637658	3631858	2.24	cps
Holmium	165-2	1845126	1820941	1875952	1847340	1.49	cps
Indium	115-1	3410041	3611253	3505846	3509047	2.87	cps
Indium	115-2	563403	556145	562588	560712	0.71	cps
Iron	54-2	5617137	5481697	5436651	5511828	1.70	cps
Iron	56-2	99868597	98046047	99447227	99120624	0.96	cps
Iron	57-2	2579854	2512510	2525205	2539190	1.41	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	757	743	733	744	1.57	cps
Lead	206-1	4341557	4380108	4525587	4415751	2.20	cps
Lead	207-1	3820796	3976271	3850288	3882451	2.13	cps
Lead	208-1	17342661	17571301	17751108	17555024	1.17	cps
Lithium	6-1	1633983	1598990	1594681	1609218	1.34	cps
Magnesium	24-2	19705598	20047860	19336011	19696490	1.81	cps
Manganese	55-2	2722790	2666514	2640747	2676684	1.57	cps
Molybdenum	94-1	6614804	6636820	6701657	6651094	0.68	cps
Molybdenum	95-1	9516615	9639281	9755841	9637245	1.24	cps
Molybdenum	96-1	10533596	10505392	10407024	10482004	0.63	cps
Molybdenum	97-1	5821050	5785949	5794608	5800536	0.32	cps
Molybdenum	98-1	15217473	15382285	14976053	15191937	1.34	cps
Neodymium	150-1	160	227	193	193	17.24	cps
Neodymium	150-2	37	43	47	42	12.06	cps
Nickel	60-2	228772	227817	227610	228066	0.27	cps
Phosphorus	31-2	14483	13732	13465	13893	3.80	cps
Potassium	39-2	8177997	8017162	8072349	8089169	1.01	cps
Rhodium	103-1	3294848	3363790	3308781	3322473	1.10	cps
Rhodium	103-2	1549737	1596555	1579833	1575375	1.51	cps
Scandium	45-1	2896147	2857046	2874463	2875885	0.68	cps
Scandium	45-2	92019	90439	90633	91030	0.95	cps
Selenium	82-1	29276	29545	29242	29354	0.57	cps
Selenium	77-2	973	953	1070	999	6.25	cps
Selenium	78-2	3356	3312	3288	3318	1.04	cps
Silicon	28-1	30490375	30204744	29971391	30222170	0.86	cps
Silver	107-1	2156048	2158058	2136303	2150136	0.56	cps
Silver	109-1	2073762	2053295	2008492	2045183	1.63	cps
Sodium	23-2	38562336	39006974	38729200	38766170	0.58	cps
Strontium	86-1	6161841	6216242	6079276	6152453	1.12	cps
Strontium	88-1	53456866	53276298	52672203	53135122	0.77	cps
Sulfur	34-1	515797	518438	514254	516163	0.41	cps
Terbium	159-1	3826386	3764590	3812532	3801169	0.85	cps
Terbium	159-2	1862365	1842275	1914510	1873050	1.99	cps
Thallium	203-1	1008579	1001123	1014443	1008049	0.66	cps
Thallium	205-1	2497209	2506818	2585543	2529857	1.92	cps
Tin	118-1	1244625	1236127	1261831	1247528	1.05	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCV034	Instrumnet Name :	P8
Client Sample ID :	CCV034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:30:36	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3307440	3277990	3266895	3284108	0.64	cps
Uranium	238-1	3138787	3044241	3166230	3116419	2.05	cps
Vanadium	51-2	417960	411765	412746	414157	0.80	cps
Ytterbium	172-1	92	75	67	78	16.37	cps
Ytterbium	172-2	11	28	28	22	43.31	cps
Ytterbium	176-1	5260	5318	4759	5112	6.01	cps
Ytterbium	176-2	4751	4857	4673	4760	1.93	cps
Yttrium	89-1	5948622	5731818	5835632	5838691	1.86	cps
Yttrium	89-2	632613	629561	623814	628662	0.71	cps
Zinc	66-2	733617	732478	725925	730673	0.57	cps
Zirconium	90-1	3406850	3414975	3468284	3430036	0.97	cps
Zirconium	91-1	733233	728197	732577	731336	0.37	cps

LB Number : LB118523 Operator : Jaswal
 Lab Sample ID : CCB034 Instrumnet Name : P8
 Client Sample ID : CCB034 Dilution Factor : 1
 Date & Time Acquired :: 2022-02-03 13:39:09 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	176	170	135	160	13.86	cps
Antimony	121-1	242	158	192	197	21.27	cps
Arsenic	75-2	7	7	9	8	15.06	cps
Barium	135-1	100	67	92	86	20.14	cps
Barium	137-1	183	175	142	167	13.23	cps
Beryllium	9-1	102	98	66	89	22.25	cps
Bismuth	209-1	1772905	1675230	1723848	1723995	2.83	cps
Bismuth	209-2	1069487	1057509	1050708	1059235	0.90	cps
Boron	10-1	6782	6500	6664	6649	2.13	cps
Boron	11-1	32479	31768	31740	31996	1.31	cps
Bromine	81-1	20757	21348	21699	21268	2.24	cps
Cadmium	111-1	193	183	210	195	7.14	cps
Cadmium	106-1	917	975	983	958	3.79	cps
Cadmium	108-1	17	42	17	25	57.73	cps
Calcium	43-1	272	276	310	286	7.22	cps
Calcium	44-1	18376	17834	18136	18115	1.50	cps
Carbon	12-1	4784640	4754380	4774586	4771202	0.32	cps
Carbon	12-2	43925	44627	43883	44145	0.95	cps
Chlorine	35-1	387396	385315	389536	387415	0.54	cps
Chlorine	35-2	2600	2600	2417	2539	4.17	cps
Chromium	52-2	313	347	297	319	7.98	cps
Cobalt	59-2	107	67	107	93	24.74	cps
Copper	63-2	1007	760	830	866	14.69	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	0	17	0	6	173.21	cps
Gadolinium	160-2	20	13	23	19	26.96	cps
Holmium	165-1	3249494	3295943	3292090	3279176	0.79	cps
Holmium	165-2	1732921	1636744	1653489	1674385	3.07	cps
Indium	115-1	3476677	3304689	3270896	3350754	3.29	cps
Indium	115-2	543015	529812	534587	535805	1.25	cps
Iron	54-2	850	956	622	809	21.05	cps
Iron	56-2	10349	7672	6475	8165	24.29	cps
Iron	57-2	311	356	222	296	22.91	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P8
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:39:09	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	710	723	700	711	1.65	cps
Lead	206-1	406	489	517	470	12.29	cps
Lead	207-1	356	450	378	394	12.52	cps
Lead	208-1	1667	1856	1828	1783	5.72	cps
Lithium	6-1	1557211	1532330	1554084	1547875	0.88	cps
Magnesium	24-2	1851	2059	1142	1684	28.56	cps
Manganese	55-2	323	247	200	257	24.26	cps
Molybdenum	94-1	475	342	400	406	16.48	cps
Molybdenum	95-1	592	392	450	478	21.53	cps
Molybdenum	96-1	508	608	442	519	16.15	cps
Molybdenum	97-1	242	225	217	228	5.59	cps
Molybdenum	98-1	700	742	558	667	14.42	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	160	203	210	191	14.21	cps
Phosphorus	31-2	58	75	83	72	17.63	cps
Potassium	39-2	18112	18421	18012	18181	1.17	cps
Rhodium	103-1	3351621	3046944	3250570	3216378	4.82	cps
Rhodium	103-2	1534071	1517222	1514519	1521937	0.70	cps
Scandium	45-1	2710159	2702692	2753835	2722229	1.01	cps
Scandium	45-2	84963	84852	83601	84472	0.90	cps
Selenium	82-1	39	-11	65	31	125.31	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	69	68	76	71	6.14	cps
Silicon	28-1	695586	701795	713191	703524	1.27	cps
Silver	107-1	142	175	150	156	11.15	cps
Silver	109-1	175	192	150	172	12.18	cps
Sodium	23-2	14124	16076	12614	14271	12.16	cps
Strontium	86-1	1333	1408	1358	1367	2.79	cps
Strontium	88-1	2059	1692	1625	1792	13.02	cps
Sulfur	34-1	311335	312212	308417	310655	0.64	cps
Terbium	159-1	3647563	3375848	3490772	3504728	3.89	cps
Terbium	159-2	1714563	1681487	1663313	1686454	1.54	cps
Thallium	203-1	250	200	258	236	13.36	cps
Thallium	205-1	567	508	475	517	8.98	cps
Tin	118-1	1700	1692	1525	1639	6.02	cps

LB Number :	LB118523	Operator :	Jaswal
Lab Sample ID :	CCB034	Instrumnet Name :	P8
Client Sample ID :	CCB034	Dilution Factor :	1
Date & Time Acquired ::	2022-02-03 13:39:09	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	300	317	283	15.56	cps
Uranium	238-1	125	75	75	92	31.49	cps
Vanadium	51-2	30	37	27	31	16.37	cps
Ytterbium	172-1	17	33	8	19	65.47	cps
Ytterbium	172-2	0	6	0	2	173.21	cps
Ytterbium	176-1	325	342	208	292	24.91	cps
Ytterbium	176-2	2106	2150	2089	2115	1.49	cps
Yttrium	89-1	5468715	5357632	5419390	5415246	1.03	cps
Yttrium	89-2	583933	582359	581263	582518	0.23	cps
Zinc	66-2	150	143	143	146	2.64	cps
Zirconium	90-1	467	367	517	450	16.97	cps
Zirconium	91-1	83	167	100	117	37.79	cps