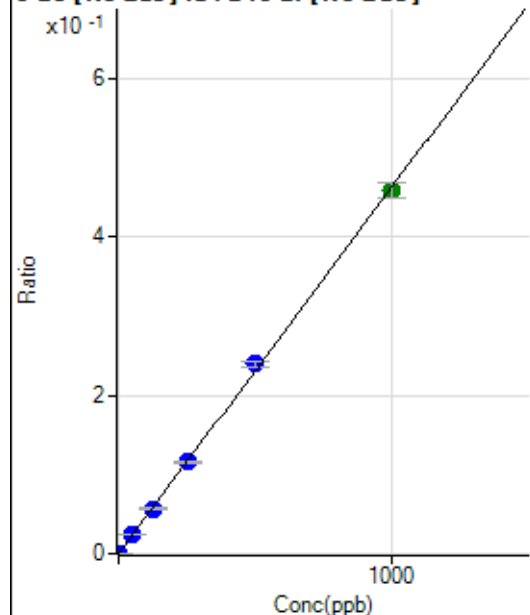


Batch Folder: D:\Agilent\ICPMH\1\DATA\P8120421 MS.b\
Analysis File: P8120421 MS.batch.bin
DA Date-Time: 2021-12-04 13:43:19
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2021-12-04 12:59:33
2	005CALS.d	S02	2021-12-04 13:05:42
3	006CALS.d	S03	2021-12-04 13:08:48
4	007CALS.d	S04	2021-12-04 13:11:51
5	008CALS.d	S05	2021-12-04 13:14:57
6	009CALS.d	S06	2021-12-04 13:18:00
7	010CALS.d	S07	2021-12-04 13:21:06
8	011CALS.d	S08	2021-12-04 13:24:09

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.99	0.0000	P	14.3
2	☐	1.000	0.994	1484.45	0.0005	P	3.8
3	☐	50.000	51.234	73071.52	0.0237	P	2.9
4	☐	125.000	123.083	184250.43	0.0570	P	2.8
5	☐	250.000	250.826	373194.88	0.1160	P	2.7
6	☐	500.000	517.775	778597.21	0.2395	P	3.4
7	☐	1000.000	991.084	1491337.56	0.4584	A	4.2
8	☐			604.56	0.0002	P	16.3

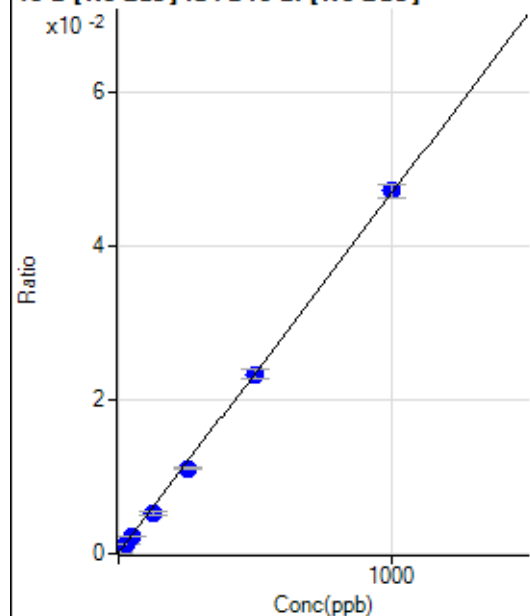
$$y = 4.6251\text{E-}004 * x + 2.3766\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.02206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	364.60	0.0001	P	11.2
2	☐	25.000	22.987	3663.08	0.0012	P	6.9
3	☐	50.000	46.278	7030.98	0.0023	P	4.1
4	☐	125.000	111.608	17234.08	0.0053	P	7.9
5	☐	250.000	234.917	35705.70	0.0111	P	2.7
6	☐	500.000	497.384	75902.52	0.0233	P	5.8
7	☐	1000.000	1006.989	153424.65	0.0471	P	3.7
8	☐			19483.11	0.0062	P	6.3

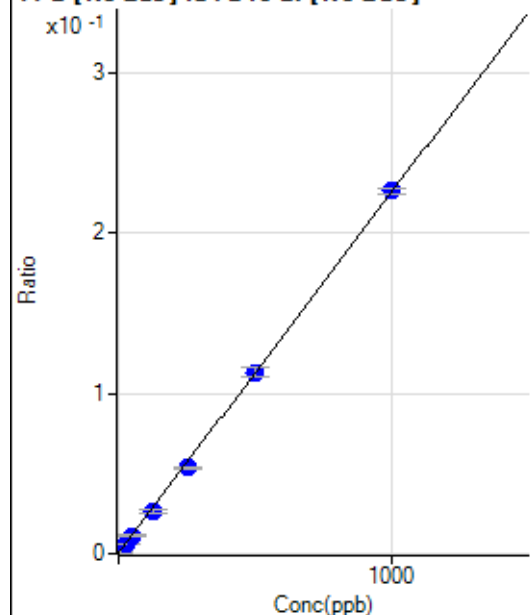
$$y = 4.6689\text{E-}005 * x + 1.2031\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.8693$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1768.43	0.0006	P	8.1
2	☐	25.000	23.459	17958.85	0.0059	P	9.1
3	☐	50.000	47.256	34530.40	0.0112	P	4.7
4	☐	125.000	113.963	84662.31	0.0262	P	7.4
5	☐	250.000	237.283	173517.66	0.0539	P	2.4
6	☐	500.000	500.266	367378.19	0.1130	P	5.0
7	☐	1000.000	1004.601	736425.50	0.2263	P	1.5
8	☐			95004.39	0.0303	P	8.2

$$y = 2.2467E-004 * x + 5.8337E-004$$

$$R = 0.9999$$

$$DL = 0.6329$$

Weight: <None>

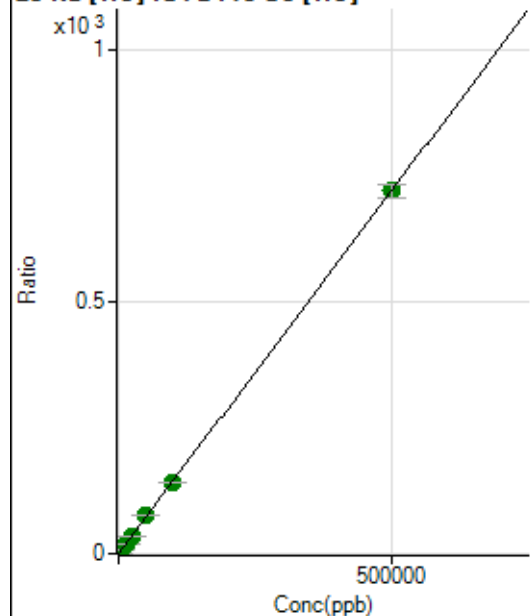
Min Conc: 0

12 C [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4283546.41		A	1.7
2	☐			4088204.35		A	0.8
3	☐			4468544.33		A	0.1
4	☐			4670949.58		A	0.8
5	☐			5071603.37		A	3.9
6	☐			5507413.71		A	2.3
7	☐			6683277.84		A	3.6
8	☐			5140001.81		A	1.1

12 C [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			40905.00		P	1.7
2	☐			38517.85		P	2.9
3	☐			43027.53		P	0.7
4	☐			44755.12		P	1.6
5	☐			49843.71		P	1.4
6	☐			55720.50		P	1.2
7	☐			69126.99		P	1.4
8	☐			55045.44		P	1.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7185.28	0.0411	P	2.3
2	☐	500.000	470.455	128154.84	0.7190	P	1.2
3	☐	5000.000	5077.755	1329043.74	7.3574	A	1.7
4	☐	12500.000	12237.931	3204796.75	17.6742	A	0.4
5	☐	25000.000	24422.585	6272777.53	35.2305	A	0.9
6	☐	50000.000	52052.813	12693252.11	75.0417	A	0.6
7	☐	100000.00	99045.091	23702477.09	142.7507	A	0.6
8	☐	500000.00	500020.37	118001491.5	720.4979	A	3.4

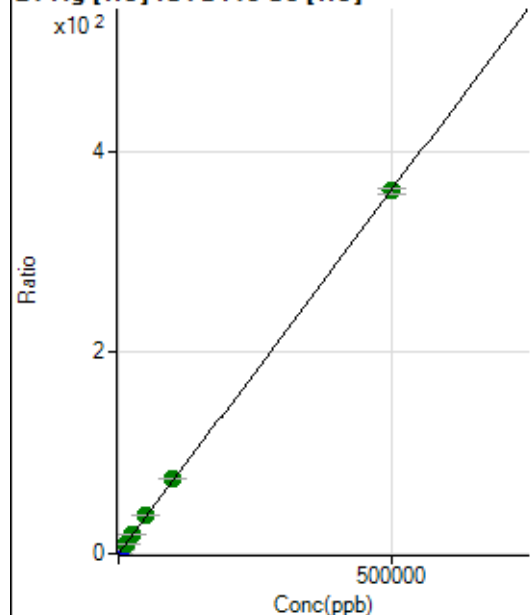
$$y = 0.0014 * x + 0.0411$$

$$R = 1.0000$$

$$DL = 1.974$$

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	591.69	0.0034	P	6.4
2	☐	500.000	483.177	62903.54	0.3529	P	3.8
3	☐	5000.000	5209.088	681311.30	3.7716	P	1.4
4	☐	12500.000	12461.567	1634785.69	9.0180	A	2.6
5	☐	25000.000	25419.147	3274683.32	18.3915	A	0.7
6	☐	50000.000	53413.919	6535974.36	38.6429	A	1.5
7	☐	100000.00	102867.59	12356569.02	74.4175	A	0.4
8	☐	500000.00	499063.01	59141737.43	361.0242	A	1.6

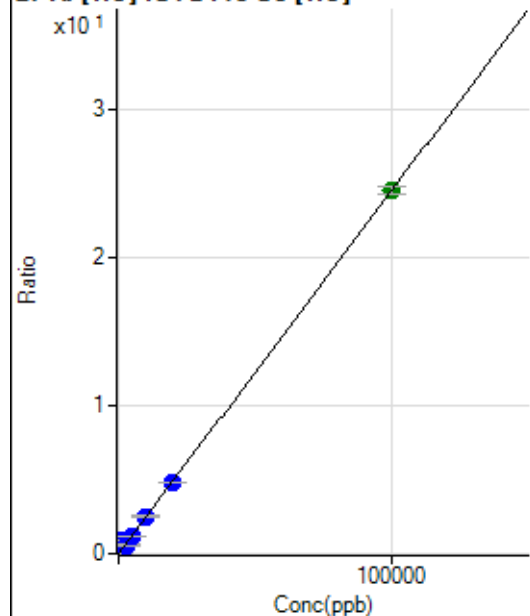
$$y = 7.2340\text{E-}004 * x + 0.0034$$

$$R = 1.0000$$

$$DL = 0.8924$$

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	91.66	0.0005	P	21.0
2	☐	20.000	22.359	1069.49	0.0060	P	3.8
3	☐	1000.000	3673.423	162537.54	0.8998	P	1.1
4	☐	2500.000	2375.268	105521.73	0.5820	P	0.8
5	☐	5000.000	4855.061	211711.55	1.1890	P	0.3
6	☐	10000.000	10306.948	426898.90	2.5236	P	0.9
7	☐	20000.000	19790.504	804497.14	4.8452	P	0.4
8	☐	100000.00	99994.835	4009864.97	24.4791	A	2.0

$$y = 2.4480\text{E-}004 * x + 5.2621\text{E-}004$$

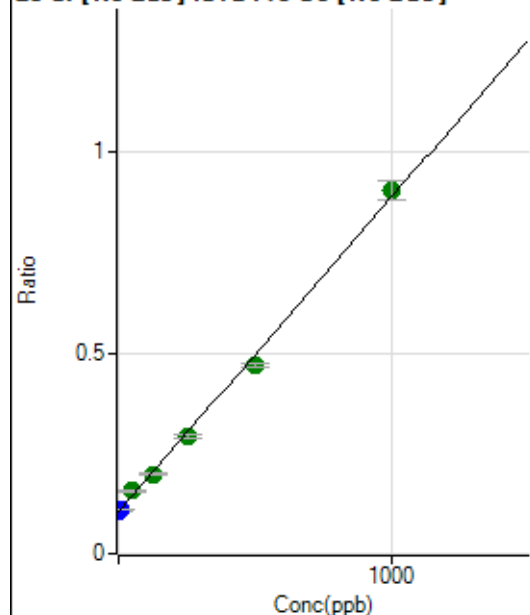
$$R = 0.9996$$

$$DL = 1.354$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	660357.38	0.1049	P	0.6
2	☐	10.000	5.871	710280.35	0.1095	P	1.0
3	☐	50.000	65.513	984176.27	0.1563	A	1.0
4	☐	125.000	117.900	1295734.06	0.1974	A	3.0
5	☐	250.000	241.261	1916161.61	0.2941	A	2.8
6	☐	500.000	465.812	3038359.05	0.4703	A	2.3
7	☐	1000.000	1019.432	5898947.27	0.9045	A	5.5
8	☐			1032854.21	0.1645	A	0.6

$$y = 7.8431\text{E-}004 * x + 0.1049$$

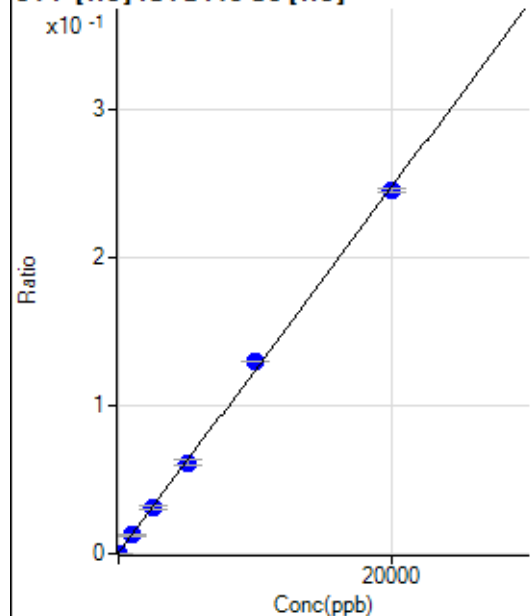
$$R = 0.9989$$

$$DL = 2.311$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-7.772	75.00	0.0004	P	31.4
2	☐	0.000	7.772	111.12	0.0006	P	4.5
3	☐	1000.000	966.437	2255.79	0.0125	P	2.5
4	☐	2500.000	2457.084	5604.03	0.0309	P	9.2
5	☐	5000.000	4919.308	10929.41	0.0614	P	5.6
6	☐	10000.000	10458.036	21978.28	0.1299	P	0.5
7	☐	20000.000	19798.198	40766.35	0.2455	P	1.1
8	☐			86.12	0.0005	P	24.2

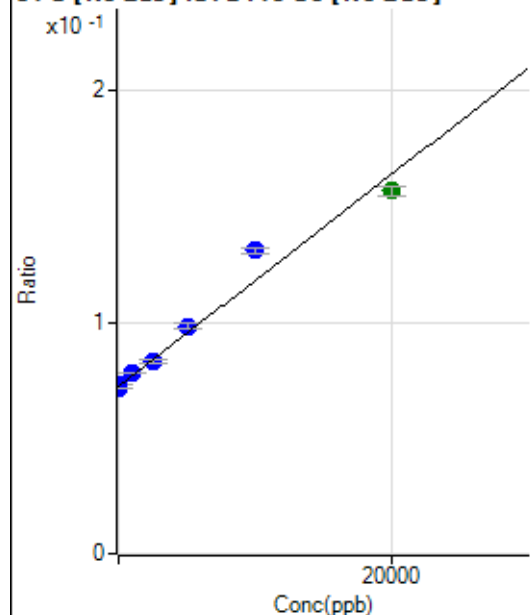
$$y = 1.2374\text{E-}005 * x + 5.2725\text{E-}004$$

$$R = 0.9996$$

$$DL = 19.77$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	192.815	461006.74	0.0732	P	0.5
2	☐	0.000	-192.815	463539.83	0.0715	P	0.7
3	☐	1000.000	1297.663	493132.02	0.0783	P	0.7
4	☐	2500.000	2322.419	544973.05	0.0830	P	2.6
5	☐	5000.000	5667.538	640717.04	0.0984	P	2.7
6	☐	10000.000	12842.176	848269.59	0.1313	P	2.0
7	☐	20000.000	18419.342	1023355.37	0.1569	A	3.0
8	☐			408933.42	0.0651	P	1.1

$$y = 4.5892E-006 * x + 0.0724$$

R = 0.9833

DL = 291.9

Weight: <None>

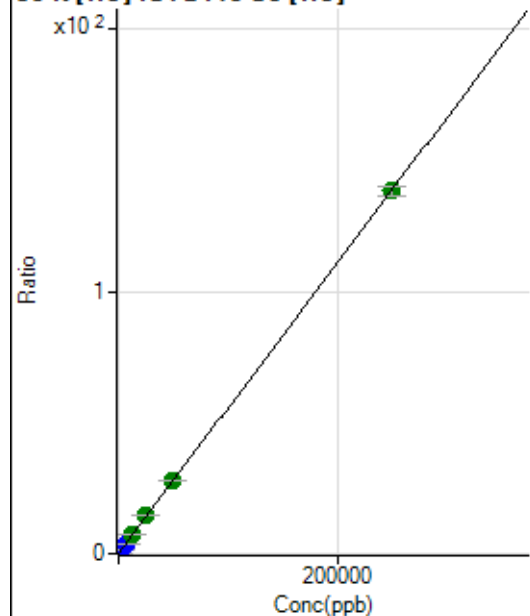
Min Conc: 0

35 Cl [No Gas] No available calibration points

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			513940.39		P	1.5
2	☐			474049.39		P	1.4
3	☐			472820.89		P	0.6
4	☐			472273.70		P	0.7
5	☐			469949.54		P	2.0
6	☐			481141.05		P	0.4
7	☐			449878.72		P	0.7
8	☐			476944.84		P	0.7

35 Cl [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2830.91		P	4.4
2	☐			2619.75		P	2.1
3	☐			2705.88		P	5.2
4	☐			2544.74		P	11.3
5	☐			2469.73		P	3.4
6	☐			2478.06		P	2.9
7	☐			2358.59		P	5.3
8	☐			2536.40		P	9.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	17127.21	0.0980	P	1.6
2	☐	500.000	467.619	63623.89	0.3569	P	0.6
3	☐	2500.000	2574.198	275162.75	1.5232	P	1.0
4	☐	6250.000	6162.498	636383.45	3.5099	P	1.3
5	☐	12500.000	12520.042	1251608.35	7.0297	A	1.0
6	☐	25000.000	26268.879	2476642.89	14.6416	A	0.4
7	☐	50000.000	49959.235	4609046.80	27.7576	A	1.3
8	☐	250000.00	249881.77	22676483.14	138.4431	A	2.5

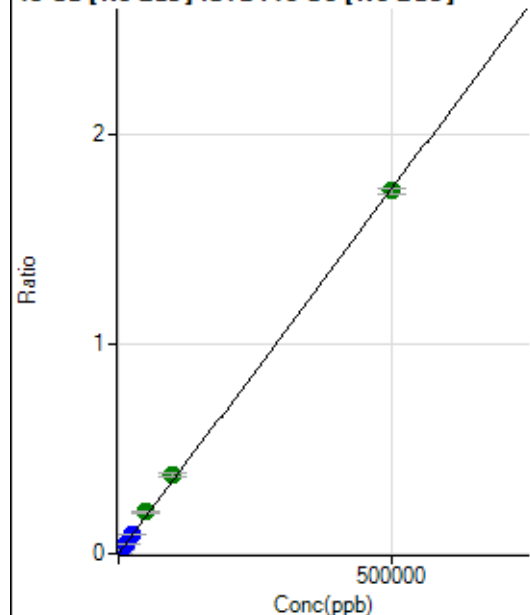
$$y = 5.5364E-004 * x + 0.0980$$

$$R = 1.0000$$

$$DL = 8.538$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	218.73	0.0000	P	4.9
2	☐	500.000	453.562	10455.44	0.0016	P	1.4
3	☐	5000.000	5360.562	117605.58	0.0187	P	1.0
4	☐	12500.000	12832.992	293177.18	0.0447	P	3.3
5	☐	25000.000	26319.015	596348.13	0.0916	P	3.3
6	☐	50000.000	56823.515	1276946.44	0.1977	A	2.3
7	☐	100000.00	108691.10	2465411.62	0.3780	A	4.0
8	☐	500000.00	497501.59	10860011.26	1.7302	A	1.5

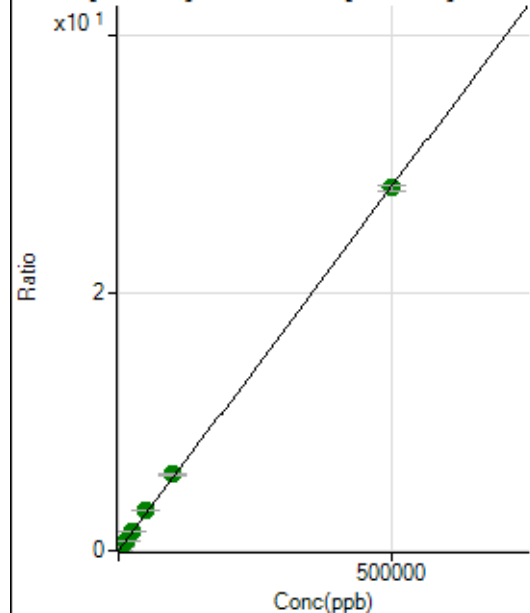
$$y = 3.4777E-006 * x + 3.4750E-005$$

$$R = 0.9998$$

$$DL = 1.458$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22070.20	0.0035	P	1.1
2	☐	500.000	456.979	190340.41	0.0293	P	0.7
3	☐	5000.000	5327.061	1918854.04	0.3047	A	1.8
4	☐	12500.000	12677.796	4729758.79	0.7204	A	2.5
5	☐	25000.000	26168.623	9662867.89	1.4833	A	2.1
6	☐	50000.000	54658.073	19993314.62	3.0944	A	1.8
7	☐	100000.00	104630.12	38609126.00	5.9203	A	4.2
8	☐	500000.00	498542.06	176987963.4	28.1959	A	1.5

$$y = 5.6550E-005 * x + 0.0035$$

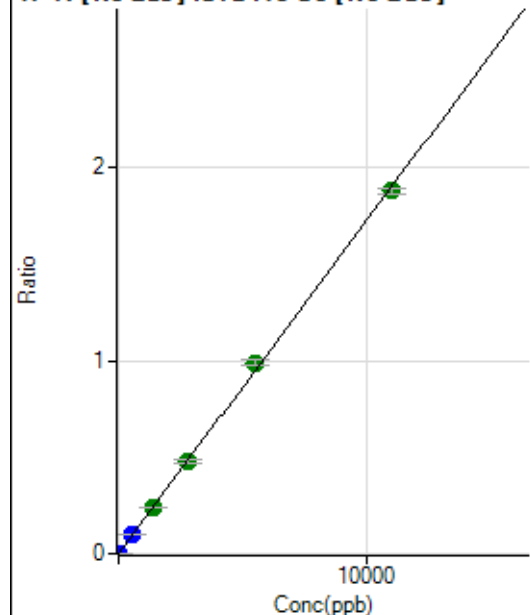
$$R = 0.9999$$

$$DL = 2.107$$

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	213.89	0.0000	P	15.5
2	☐	5.000	4.812	5609.60	0.0009	P	3.7
3	☐	550.000	567.899	617663.68	0.0981	P	1.8
4	☐	1375.000	1369.950	1553564.35	0.2366	A	1.1
5	☐	2750.000	2758.774	3102917.47	0.4764	A	2.8
6	☐	5500.000	5730.972	6392580.35	0.9896	A	3.4
7	☐	11000.000	10882.057	12259740.12	1.8791	A	1.3
8	☐			3431.12	0.0005	P	18.3

$$y = 1.7267E-004 * x + 3.3973E-005$$

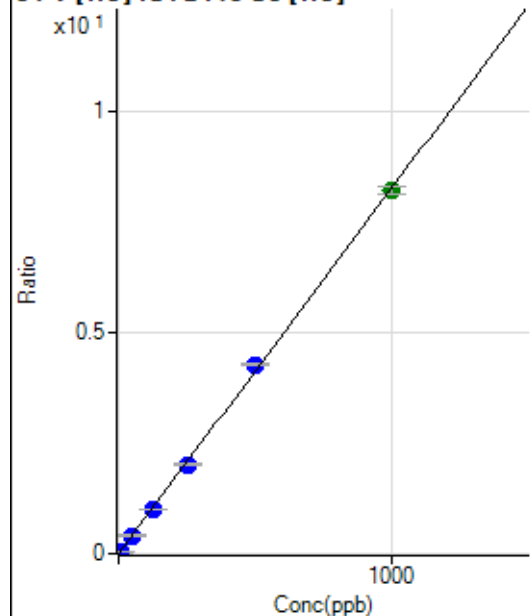
$$R = 0.9997$$

$$DL = 0.09145$$

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	5.56	0.0000	P	90.7
2	☐	5.000	4.713	6950.63	0.0390	P	1.5
3	☐	50.000	49.911	74545.02	0.4127	P	2.1
4	☐	125.000	120.610	180786.14	0.9972	P	1.6
5	☐	250.000	244.507	359904.42	2.0215	P	1.6
6	☐	500.000	517.276	723424.80	4.2766	P	1.1
7	☐	1000.000	993.290	1363611.38	8.2121	A	2.2
8	☐			688.92	0.0042	P	7.9

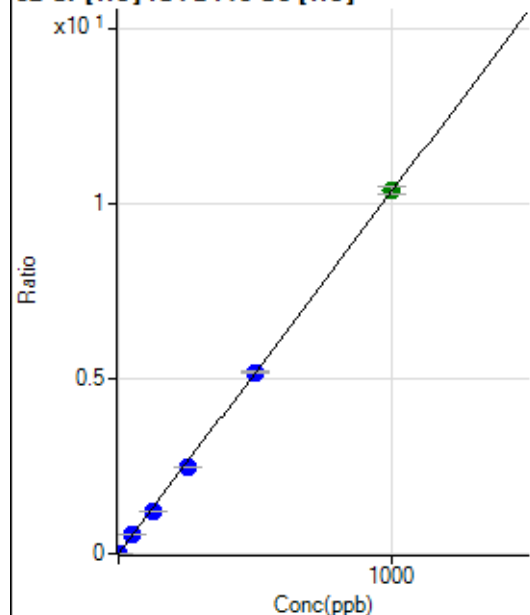
$$y = 0.0083 * x + 3.1396E-005$$

$$R = 0.9998$$

$$DL = 0.01033$$

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	835.59	0.0048	P	8.1
2	☐	2.000	1.842	4250.67	0.0238	P	0.2
3	☐	50.000	50.697	95643.72	0.5295	P	1.1
4	☐	125.000	118.546	223323.35	1.2317	P	1.0
5	☐	250.000	238.663	440652.93	2.4748	P	0.9
6	☐	500.000	501.801	879301.76	5.1981	P	0.9
7	☐	1000.000	1002.706	1723742.53	10.3822	A	2.0
8	☐			3824.99	0.0233	P	5.3

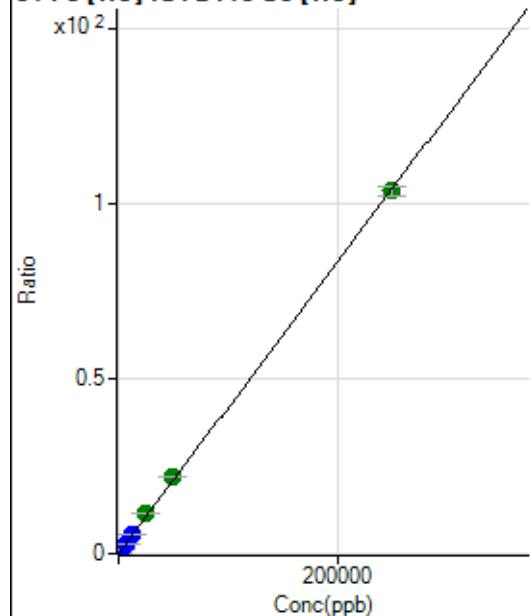
$$y = 0.0103 * x + 0.0048$$

$$R = 0.9999$$

$$DL = 0.1129$$

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	394.46	0.0023	P	9.3
2	☐	50.000	48.761	4013.59	0.0225	P	4.1
3	☐	2500.000	2616.301	196795.27	1.0894	P	1.2
4	☐	6250.000	6309.675	475740.91	2.6241	P	1.6
5	☐	12500.000	12666.629	937502.48	5.2656	P	1.0
6	☐	25000.000	27552.805	1937096.49	11.4512	A	0.9
7	☐	50000.000	52748.331	3639630.67	21.9207	A	0.8
8	☐	250000.00	249184.06	16959665.31	103.5454	A	2.9

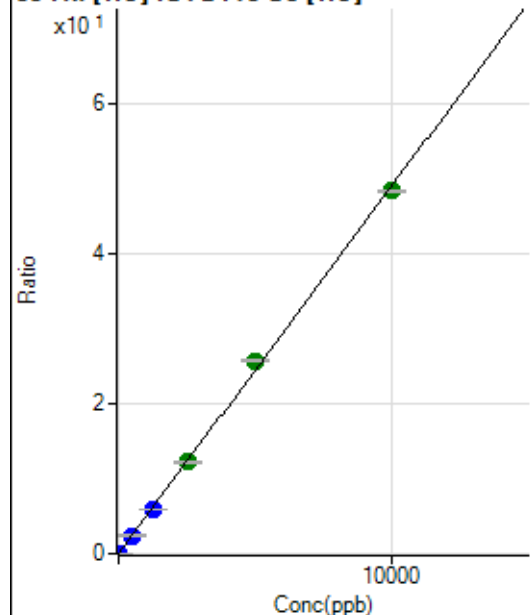
$$y = 4.1553E-004 * x + 0.0023$$

$$R = 0.9999$$

$$DL = 1.514$$

Weight: <None>

Min Conc: 0

⁵⁵Mn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	51.11	0.0003	P	10.0
2	☐	1.000	0.999	923.37	0.0052	P	3.1
3	☐	500.000	495.997	438514.80	2.4275	P	0.7
4	☐	1250.000	1195.123	1060314.12	5.8487	P	2.2
5	☐	2500.000	2505.372	2182851.37	12.2604	A	1.9
6	☐	5000.000	5257.100	4351920.87	25.7261	A	1.5
7	☐	10000.000	9877.167	8025600.99	48.3347	A	0.2
8	☐			5630.08	0.0344	P	5.4

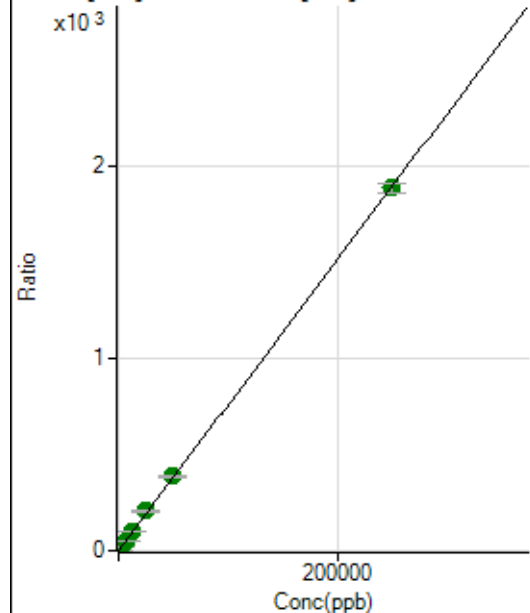
$$y = 0.0049 * x + 2.9302E-004$$

$$R = 0.9995$$

$$DL = 0.0179$$

Weight: <None>

Min Conc: 0

⁵⁶Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2809.59	0.0161	P	7.7
2	☐	50.000	47.842	67315.78	0.3776	P	1.7
3	☐	2500.000	2621.488	3581721.52	19.8268	A	2.8
4	☐	6250.000	6315.846	8655966.22	47.7453	A	1.8
5	☐	12500.000	12880.550	17332858.61	97.3551	A	1.5
6	☐	25000.000	27137.897	34692362.35	205.0985	A	0.4
7	☐	50000.000	50965.690	63955652.82	385.1664	A	1.0
8	☐	250000.00	249571.18	308928725.4	1,886.038	A	2.4

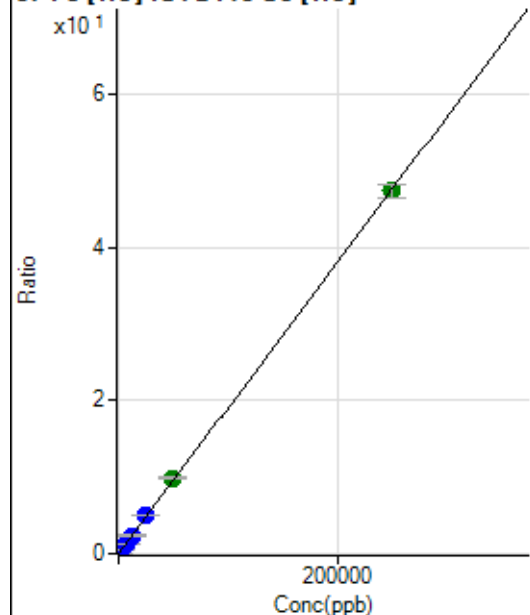
$$y = 0.0076 * x + 0.0161$$

$$R = 1.0000$$

$$DL = 0.4889$$

Weight: <None>

Min Conc: 0

⁵⁷Fe [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	209.27	0.0012	P	23.4
2	☐	50.000	50.206	1911.27	0.0107	P	6.5
3	☐	2500.000	2586.804	88916.50	0.4922	P	0.8
4	☐	6250.000	6135.910	211370.38	1.1659	P	1.8
5	☐	12500.000	12511.270	423036.08	2.3761	P	1.3
6	☐	25000.000	26329.357	845637.39	4.9990	P	1.2
7	☐	50000.000	52077.678	1641609.00	9.8865	A	1.3
8	☐	250000.00	249452.94	7755232.52	47.3518	A	3.8

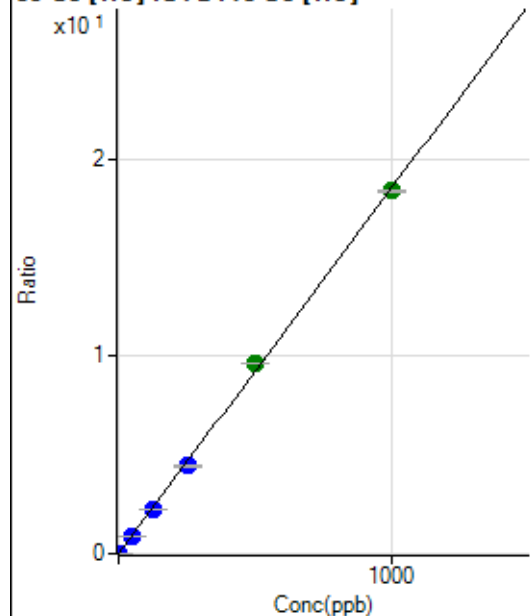
$$y = 1.8982\text{E-}004 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 4.413$$

Weight: <None>

Min Conc: 0

⁵⁹Co [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.78	0.0003	P	35.8
2	☐	1.000	0.974	3263.75	0.0183	P	2.5
3	☐	50.000	49.284	164843.75	0.9126	P	2.2
4	☐	125.000	119.757	401955.72	2.2171	P	2.0
5	☐	250.000	239.903	790753.25	4.4412	P	1.8
6	☐	500.000	521.086	1631684.96	9.6462	A	0.5
7	☐	1000.000	992.673	3051167.52	18.3759	A	0.9
8	☐			4745.30	0.0290	P	8.5

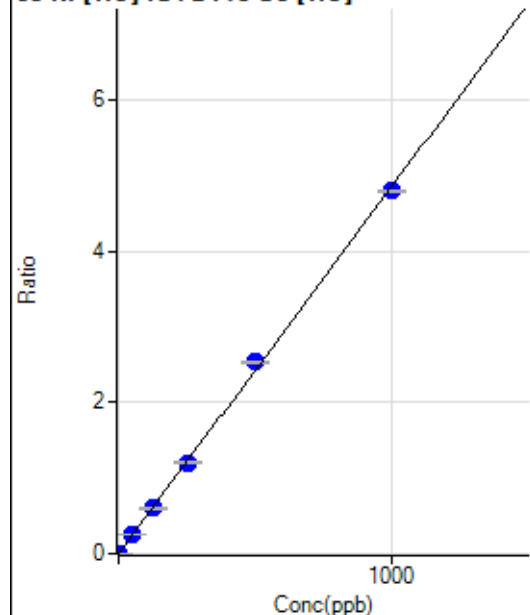
$$y = 0.0185 * x + 2.7359\text{E-}004$$

$$R = 0.9996$$

$$DL = 0.01585$$

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	87.78	0.0005	P	29.0
2	☐	1.000	0.961	921.15	0.0052	P	3.8
3	☐	50.000	51.216	45005.49	0.2491	P	0.9
4	☐	125.000	123.764	109022.83	0.6013	P	1.3
5	☐	250.000	248.519	214893.82	1.2070	P	0.9
6	☐	500.000	522.835	429433.83	2.5387	P	0.5
7	☐	1000.000	989.047	797342.02	4.8020	P	0.7
8	☐			1281.18	0.0078	P	10.8

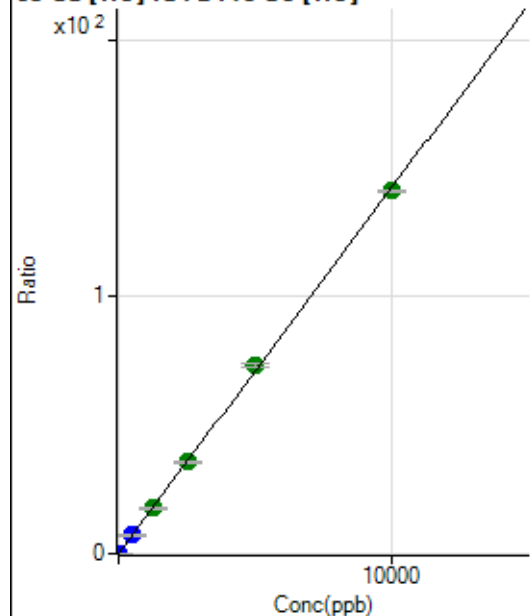
$$y = 0.0049 * x + 5.0457E-004$$

$$R = 0.9996$$

$$DL = 0.09046$$

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	518.91	0.0030	P	2.7
2	☐	2.000	1.915	5387.74	0.0302	P	4.1
3	☐	500.000	503.382	1294620.13	7.1669	P	1.7
4	☐	1250.000	1243.287	3208700.47	17.6969	A	1.5
5	☐	2500.000	2505.742	6349763.66	35.6635	A	0.9
6	☐	5000.000	5158.679	12419270.79	73.4189	A	1.6
7	☐	10000.000	9919.895	23441540.21	141.1783	A	0.3
8	☐			9794.84	0.0597	P	18.9

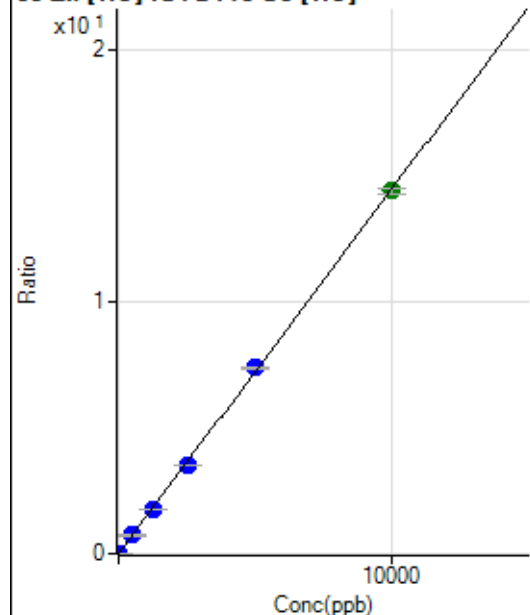
$$y = 0.0142 * x + 0.0030$$

$$R = 0.9998$$

$$DL = 0.01703$$

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	86.67	0.0005	P	14.1
2	☐	2.000	2.270	673.36	0.0038	P	4.1
3	☐	500.000	503.858	131747.62	0.7293	P	1.8
4	☐	1250.000	1219.578	319909.01	1.7647	P	2.2
5	☐	2500.000	2441.792	628993.50	3.5326	P	0.2
6	☐	5000.000	5113.622	1251357.64	7.3975	P	1.0
7	☐	10000.000	9961.351	2392570.15	14.4100	A	1.4
8	☐			3211.51	0.0196	P	3.1

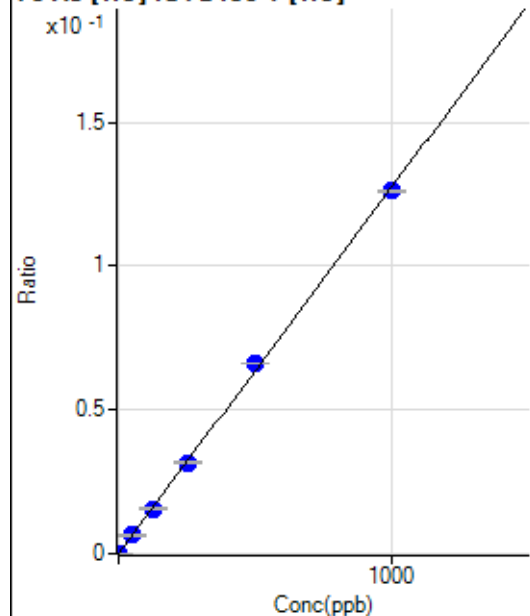
$$y = 0.0014 * x + 4.9486E-004$$

$$R = 0.9999$$

$$DL = 0.1444$$

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	4.33	0.0000	P	55.9
2	☐	1.000	0.977	160.35	0.0001	P	5.3
3	☐	50.000	49.992	8226.90	0.0064	P	1.8
4	☐	125.000	122.646	20096.92	0.0156	P	1.3
5	☐	250.000	248.668	39876.95	0.0317	P	0.8
6	☐	500.000	519.849	80068.75	0.0662	P	0.7
7	☐	1000.000	990.703	149987.04	0.1262	P	0.2
8	☐			87.34	0.0001	P	36.5

$$y = 1.2737E-004 * x + 3.4667E-006$$

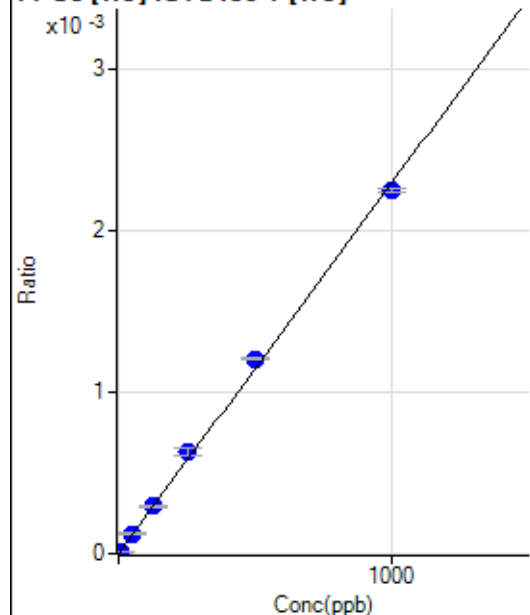
$$R = 0.9997$$

$$DL = 0.04563$$

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	1.11	0.0000	P	173.2
2	☐	5.000	5.026	15.56	0.0000	P	61.5
3	☐	50.000	54.094	161.11	0.0001	P	18.5
4	☐	125.000	127.715	377.79	0.0003	P	5.4
5	☐	250.000	276.429	798.92	0.0006	P	7.3
6	☐	500.000	526.705	1461.20	0.0012	P	0.2
7	☐	1000.000	979.496	2670.28	0.0022	P	1.1
8	☐			4.44	0.0000	P	42.5

$$y = 2.2927\text{E-}006 * x + 8.7213\text{E-}007$$

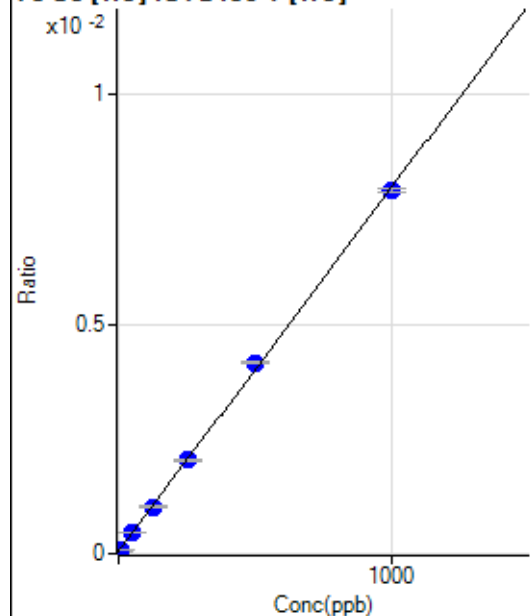
$$R = 0.9990$$

$$DL = 1.977$$

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	62.34	0.0001	P	16.0
2	☐	5.000	3.721	100.01	0.0001	P	3.0
3	☐	50.000	51.130	587.74	0.0005	P	2.5
4	☐	125.000	121.422	1300.86	0.0010	P	5.1
5	☐	250.000	250.534	2560.50	0.0020	P	2.5
6	☐	500.000	519.099	5030.74	0.0042	P	0.2
7	☐	1000.000	990.714	9383.74	0.0079	P	1.1
8	☐			59.34	0.0001	P	10.9

$$y = 7.9179\text{E-}006 * x + 5.0322\text{E-}005$$

$$R = 0.9997$$

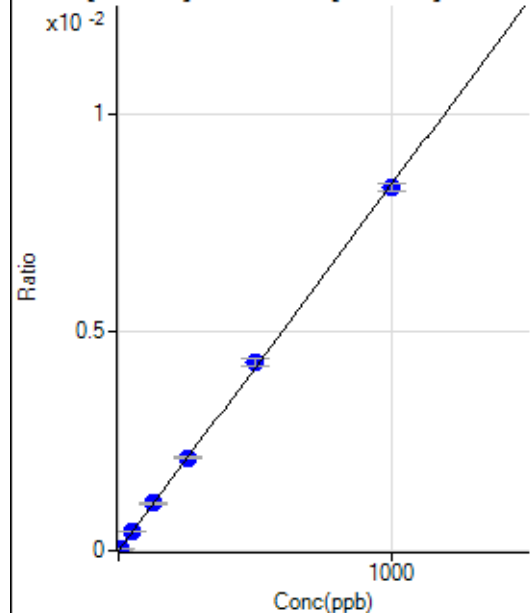
$$DL = 3.045$$

Weight: <None>

Min Conc: 0

81 Br [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			20686.72		P	3.1
2	☐			20633.19		P	2.1
3	☐			19864.66		P	1.9
4	☐			20282.31		P	2.5
5	☐			19356.89		P	1.9
6	☐			19076.01		P	3.0
7	☐			19189.72		P	5.0
8	☐			19971.49		P	3.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	-29.35	0.0000	P	-278.
2	☐	5.000	5.058	507.59	0.0000	P	7.2
3	☐	50.000	51.844	5538.36	0.0004	P	2.8
4	☐	125.000	128.776	13740.53	0.0011	P	0.2
5	☐	250.000	254.517	27490.68	0.0021	P	3.0
6	☐	500.000	515.111	56271.59	0.0043	P	4.2
7	☐	1000.000	990.751	109080.42	0.0083	P	2.1
8	☐			42.88	0.0000	P	253.6

$$y = 8.3823E-006 * x - 2.3721E-006$$

$$R = 0.9998$$

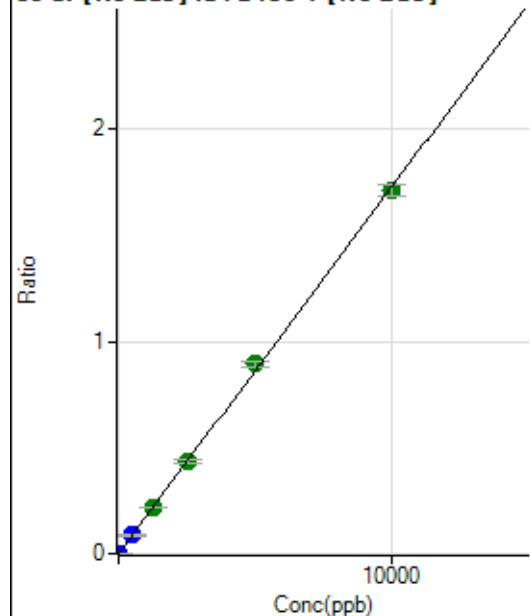
$$DL = 2.363$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1023.38		P	3.6
2	☐			1012.27		P	1.8
3	☐			978.94		P	6.6
4	☐			985.60		P	9.9
5	☐			1020.05		P	6.4
6	☐			916.71		P	1.8
7	☐			1063.38		P	6.6
8	☐			1028.94		P	7.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1655.70	0.0001	P	9.1
2	☐	1.000	0.871	3581.13	0.0003	P	5.8
3	☐	500.000	498.883	1105914.87	0.0863	P	3.4
4	☐	1250.000	1274.717	2810421.09	0.2203	A	0.5
5	☐	2500.000	2507.143	5586483.41	0.4332	A	4.0
6	☐	5000.000	5181.868	11674722.40	0.8951	A	3.2
7	☐	10000.000	9904.247	22473926.02	1.7108	A	3.2
8	☐			18067.77	0.0014	P	3.3

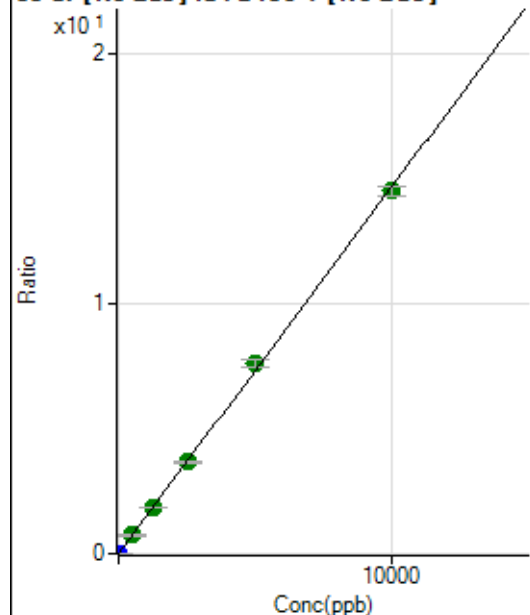
$$y = 1.7272\text{E-}004 * x + 1.3186\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.2092$$

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	250.01	0.0000	P	12.9
2	☐	1.000	0.962	18148.40	0.0014	P	2.4
3	☐	500.000	500.457	9403534.85	0.7336	A	1.1
4	☐	1250.000	1250.583	23385880.73	1.8332	A	1.5
5	☐	2500.000	2497.910	47248671.54	3.6615	A	1.1
6	☐	5000.000	5199.288	99370880.00	7.6213	A	4.6
7	☐	10000.000	9900.783	190675516.7	14.5128	A	2.5
8	☐			150633.11	0.0121	P	7.7

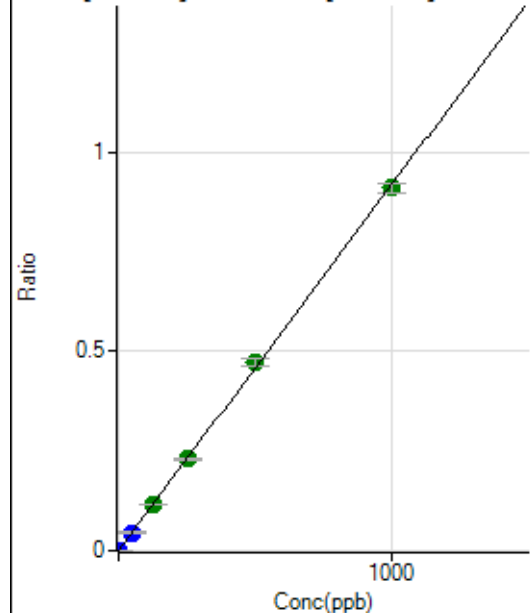
$$y = 0.0015 * x + 1.9862E-005$$

$$R = 0.9997$$

$$DL = 0.005251$$

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	788.93	0.0001	P	9.5
2	☐	1.000	0.934	11677.37	0.0009	P	2.4
3	☐	50.000	49.786	586854.93	0.0458	P	0.8
4	☐	125.000	125.196	1467479.95	0.1150	A	1.4
5	☐	250.000	251.084	2975426.30	0.2306	A	2.4
6	☐	500.000	515.851	6178469.02	0.4738	A	3.9
7	☐	1000.000	991.790	11965936.72	0.9108	A	2.5
8	☐			8086.32	0.0006	P	12.5

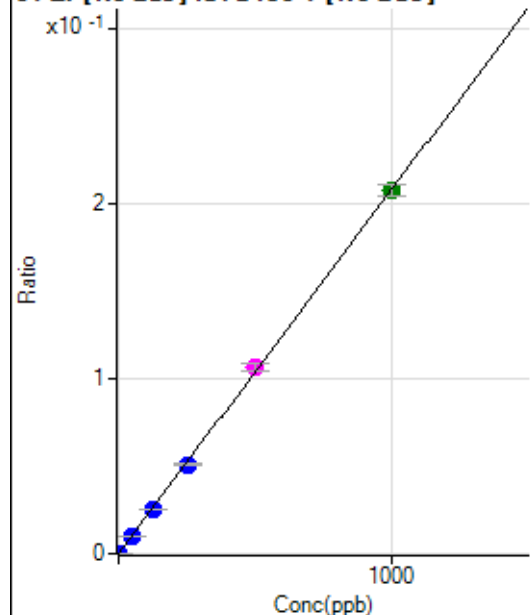
$$y = 9.1830E-004 * x + 6.2779E-005$$

$$R = 0.9998$$

$$DL = 0.01941$$

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	150.01	0.0000	P	26.5
2	☐	1.000	0.887	2491.95	0.0002	P	8.4
3	☐	50.000	49.122	131266.63	0.0102	P	1.1
4	☐	125.000	120.076	319142.63	0.0250	P	1.0
5	☐	250.000	243.653	654709.06	0.0507	P	2.7
6	☐	500.000	511.005	1387692.25	0.1064	M	4.6
7	☐	1000.000	996.743	2726781.05	0.2076	A	3.1
8	☐			1689.06	0.0001	P	15.6

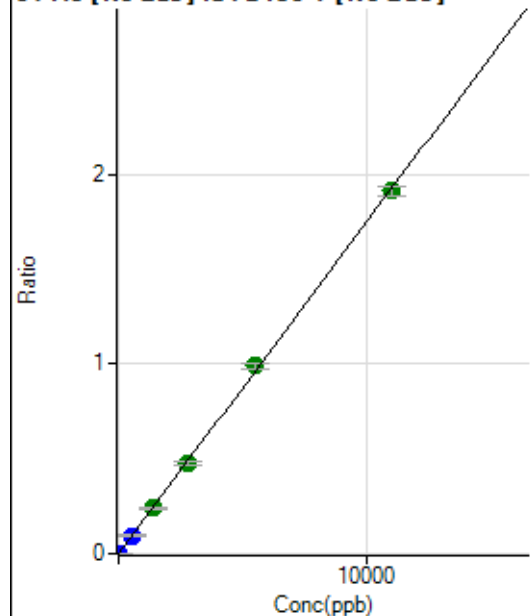
$$y = 2.0824\text{E-}004 * x + 1.1904\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04538$$

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	300.01	0.0000	P	13.8
2	☐	5.000	5.790	13162.14	0.0010	P	4.9
3	☐	550.000	545.964	1225187.72	0.0956	P	2.6
4	☐	1375.000	1365.788	3050745.77	0.2391	A	1.0
5	☐	2750.000	2723.618	6151873.83	0.4769	A	2.7
6	☐	5500.000	5652.921	12907853.07	0.9897	A	3.4
7	☐	11000.000	10931.488	25142510.80	1.9138	A	2.8
8	☐			10073.57	0.0008	P	14.0

$$y = 1.7507\text{E-}004 * x + 2.3875\text{E-}005$$

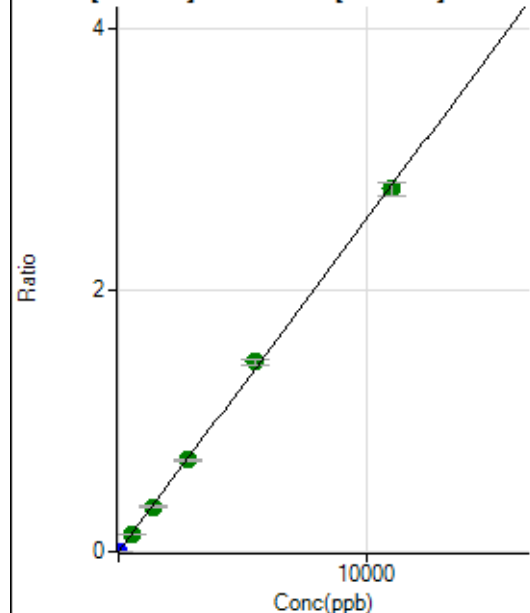
$$R = 0.9999$$

$$DL = 0.05663$$

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	47.22	0.0000	P	28.3
2	☐	5.000	4.872	15753.77	0.0012	P	3.5
3	☐	550.000	533.285	1737076.75	0.1355	A	0.8
4	☐	1375.000	1355.138	4392905.22	0.3443	A	0.7
5	☐	2750.000	2750.038	9013313.83	0.6988	A	3.5
6	☐	5500.000	5706.858	18914230.81	1.4501	A	3.0
7	☐	11000.000	10899.880	36382792.48	2.7697	A	3.5
8	☐			11625.07	0.0009	P	16.7

$$y = 2.5410E-004 * x + 3.7672E-006$$

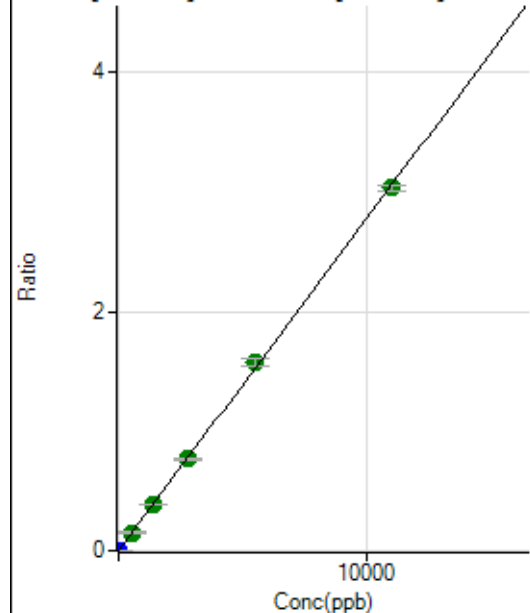
$$R = 0.9997$$

$$DL = 0.0126$$

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	222.23	0.0000	P	42.0
2	☐	5.000	4.880	17430.73	0.0014	P	1.0
3	☐	550.000	548.543	1953651.54	0.1524	A	1.7
4	☐	1375.000	1371.873	4863125.63	0.3812	A	0.2
5	☐	2750.000	2751.844	9863370.36	0.7646	A	3.0
6	☐	5500.000	5661.635	20512371.81	1.5732	A	4.4
7	☐	11000.000	10919.185	39863309.57	3.0340	A	1.5
8	☐			20336.34	0.0016	P	11.2

$$y = 2.7786E-004 * x + 1.7606E-005$$

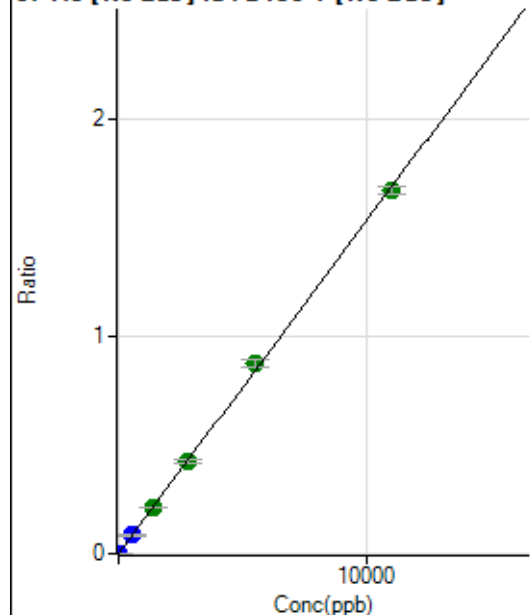
$$R = 0.9998$$

$$DL = 0.07986$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	52.3
2	☐	5.000	4.921	9631.37	0.0008	P	2.0
3	☐	550.000	551.265	1085369.75	0.0847	P	1.6
4	☐	1375.000	1383.935	2712146.96	0.2126	A	1.8
5	☐	2750.000	2774.691	5497450.77	0.4262	A	3.9
6	☐	5500.000	5710.580	11439306.42	0.8772	A	4.1
7	☐	11000.000	10887.357	21973391.81	1.6725	A	2.3
8	☐			7171.83	0.0006	P	23.4

$$y = 1.5362E-004 * x + 2.8643E-006$$

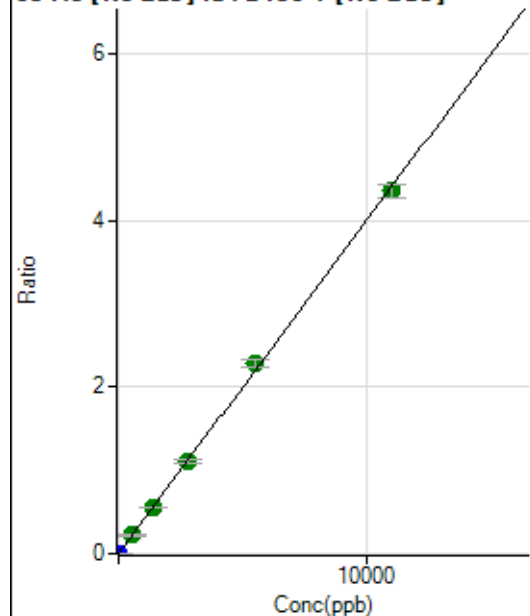
$$R = 0.9997$$

$$DL = 0.02924$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	37.1
2	☐	5.000	4.769	24344.30	0.0019	P	2.9
3	☐	550.000	551.344	2830859.31	0.2208	A	1.3
4	☐	1375.000	1382.963	7066941.65	0.5539	A	0.6
5	☐	2750.000	2789.980	14411982.27	1.1175	A	4.5
6	☐	5500.000	5716.892	29865568.72	2.2899	A	3.4
7	☐	11000.000	10880.497	57247126.97	4.3581	A	3.8
8	☐			19340.86	0.0015	P	19.5

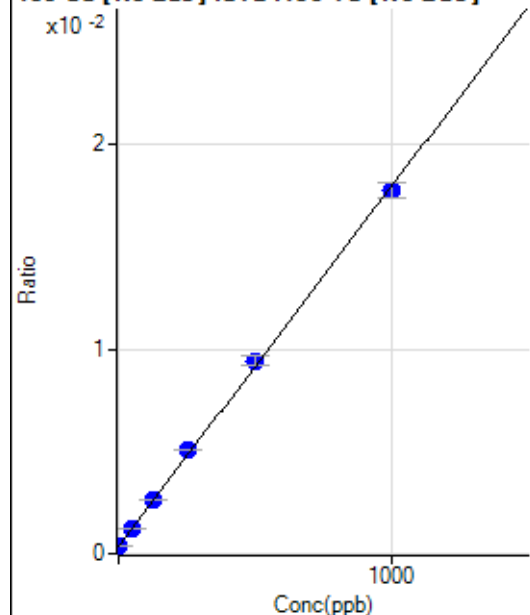
$$y = 4.0055E-004 * x + 8.4307E-006$$

$$R = 0.9997$$

$$DL = 0.02345$$

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	2830.92	0.0004	P	3.0
2	☐	1.000	1.469	3092.11	0.0004	P	6.1
3	☐	50.000	50.457	10279.15	0.0012	P	2.9
4	☐	125.000	128.394	21545.20	0.0026	P	0.8
5	☐	250.000	266.524	41850.44	0.0050	P	0.6
6	☐	500.000	516.163	82486.76	0.0094	P	5.8
7	☐	1000.000	987.340	157040.72	0.0177	P	4.1
8	☐			2964.29	0.0004	P	3.7

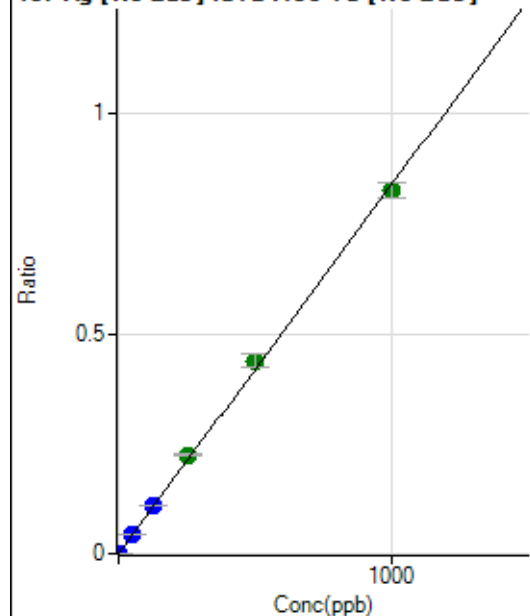
$$y = 1.7588\text{E-}005 * x + 3.5969\text{E-}004$$

$$R = 0.9996$$

$$DL = 1.829$$

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	191.68	0.0000	P	23.8
2	☐	1.000	0.987	6837.96	0.0009	P	5.9
3	☐	50.000	51.799	358469.37	0.0435	P	1.9
4	☐	125.000	131.248	906695.91	0.1102	P	1.6
5	☐	250.000	267.314	1860204.40	0.2244	A	1.6
6	☐	500.000	522.477	3831787.67	0.4385	A	6.6
7	☐	1000.000	983.562	7314367.52	0.8255	A	4.3
8	☐			2689.23	0.0003	P	15.1

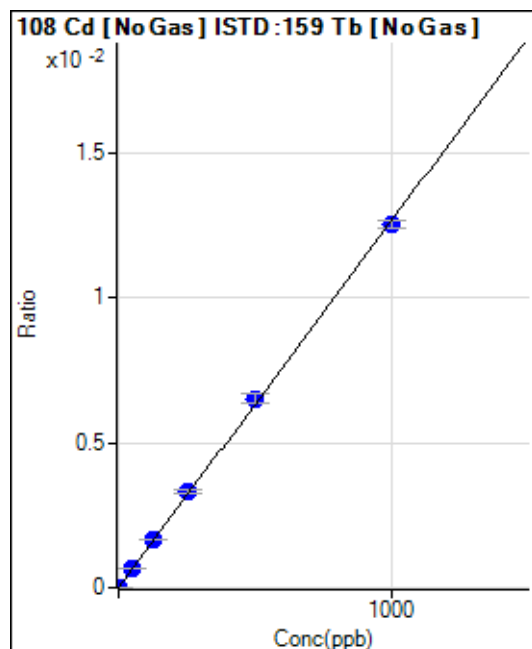
$$y = 8.3927\text{E-}004 * x + 2.4384\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.02078$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	36.11	0.0000	P	47.5
2	☐	1.000	0.845	122.23	0.0000	P	1.0
3	☐	50.000	51.984	5453.93	0.0007	P	1.3
4	☐	125.000	129.909	13552.64	0.0016	P	1.4
5	☐	250.000	262.189	27522.07	0.0033	P	2.3
6	☐	500.000	514.963	56949.42	0.0065	P	4.8
7	☐	1000.000	988.759	110822.88	0.0125	P	2.0
8	☐			118.06	0.0000	P	31.2

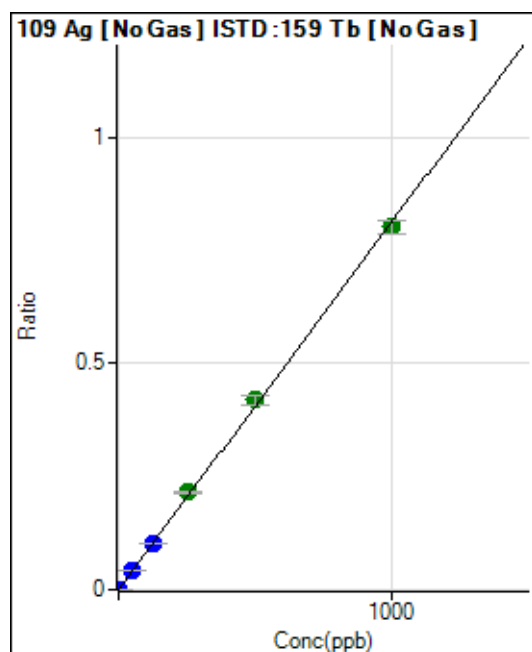
$$y = 1.2641\text{E-}005 * x + 4.5671\text{E-}006$$

$$R = 0.9997$$

$$DL = 0.5151$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	105.56	0.0000	P	18.5
2	☐	1.000	0.974	6443.33	0.0008	P	2.0
3	☐	50.000	51.443	344172.33	0.0418	P	1.4
4	☐	125.000	127.607	852501.40	0.1036	P	0.8
5	☐	250.000	264.414	1779295.59	0.2146	A	2.0
6	☐	500.000	516.602	3665853.90	0.4193	A	4.6
7	☐	1000.000	987.697	7102082.02	0.8016	A	3.9
8	☐			2572.54	0.0003	P	14.6

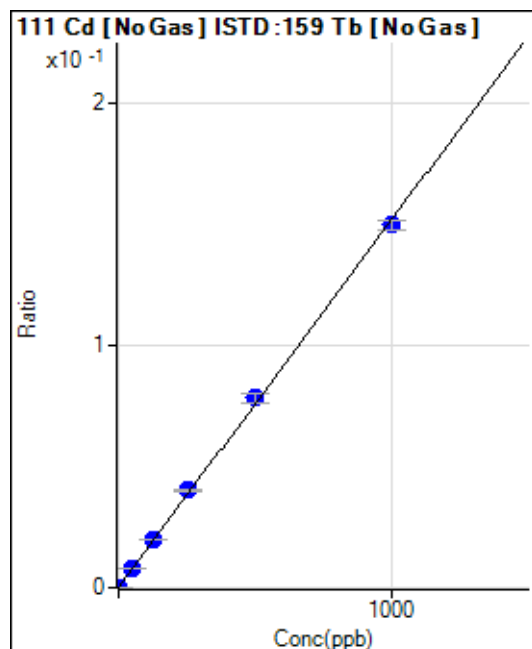
$$y = 8.1160\text{E-}004 * x + 1.3388\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.00918$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	567.29	0.0001	P	3.5
2	☐	1.000	1.049	1855.17	0.0002	P	1.2
3	☐	50.000	52.250	65998.72	0.0080	P	3.2
4	☐	125.000	131.314	164788.12	0.0200	P	1.3
5	☐	250.000	265.225	334646.71	0.0404	P	1.9
6	☐	500.000	517.278	687629.66	0.0787	P	5.0
7	☐	1000.000	986.653	1329005.10	0.1500	P	2.7
8	☐			993.57	0.0001	P	5.9

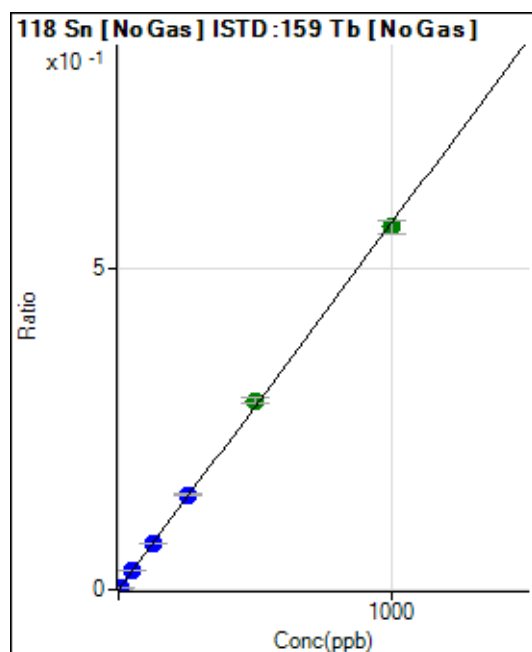
$$y = 1.5193\text{E-}004 * x + 7.2083\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.04961$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	427.80	0.0001	P	22.1
2	☐	5.000	5.020	23415.04	0.0029	P	0.4
3	☐	50.000	50.786	239388.10	0.0291	P	1.9
4	☐	125.000	126.589	595244.75	0.0723	P	1.3
5	☐	250.000	259.362	1228222.91	0.1481	P	0.7
6	☐	500.000	515.942	2576698.19	0.2946	A	3.3
7	☐	1000.000	989.450	5006789.00	0.5650	A	3.7
8	☐			2447.52	0.0003	P	8.9

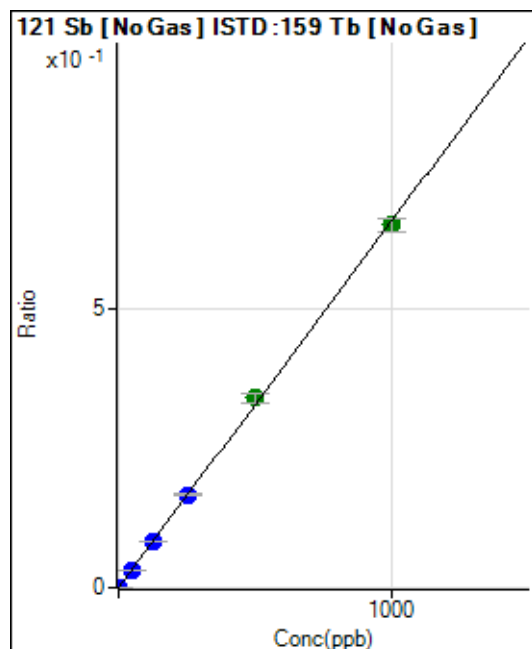
$$y = 5.7095\text{E-}004 * x + 5.4288\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.0629$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	83.34	0.0000	P	19.3
2	☐	2.000	1.892	10062.31	0.0013	P	4.5
3	☐	50.000	49.133	266552.06	0.0323	P	0.9
4	☐	125.000	125.316	678736.70	0.0825	P	1.2
5	☐	250.000	253.488	1382963.68	0.1668	P	1.9
6	☐	500.000	517.974	2979714.82	0.3409	A	4.9
7	☐	1000.000	990.145	5773790.28	0.6516	A	3.9
8	☐			5684.69	0.0007	P	5.2

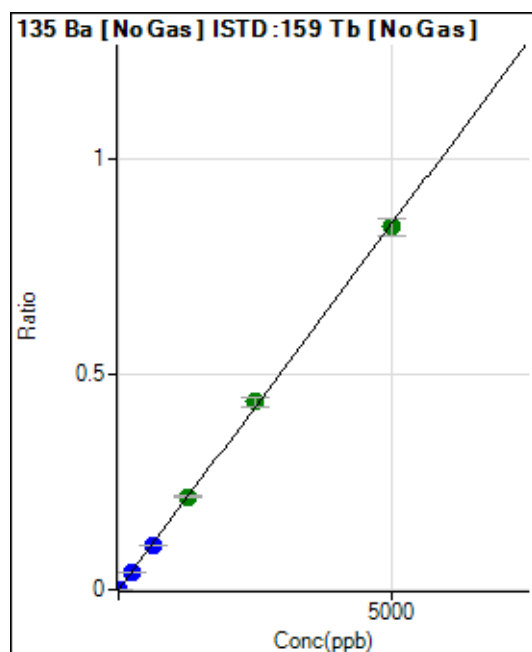
$$y = 6.5806E-004 * x + 1.0615E-005$$

$$R = 0.9997$$

$$DL = 0.009351$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	22.22	0.0000	P	58.0
2	☐	10.000	9.543	13020.52	0.0016	P	5.2
3	☐	250.000	244.113	341834.25	0.0415	P	2.5
4	☐	625.000	604.980	846164.45	0.1028	P	2.2
5	☐	1250.000	1270.899	1790418.29	0.2160	A	2.2
6	☐	2500.000	2570.293	3818139.71	0.4368	A	5.0
7	☐	5000.000	4962.427	7471790.97	0.8433	A	4.7
8	☐			3406.10	0.0004	P	12.9

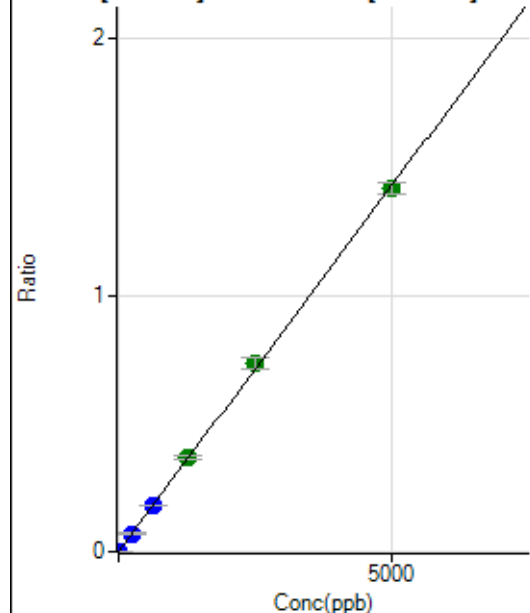
$$y = 1.6993E-004 * x + 2.8430E-006$$

$$R = 0.9998$$

$$DL = 0.02911$$

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	38.89	0.0000	P	32.1
2	☐	10.000	9.374	21498.28	0.0027	P	2.3
3	☐	250.000	248.807	585278.44	0.0710	P	2.2
4	☐	625.000	625.247	1468879.19	0.1785	P	1.3
5	☐	1250.000	1285.727	3042399.22	0.3670	A	2.6
6	☐	2500.000	2564.416	6397705.27	0.7320	A	6.2
7	☐	5000.000	4958.890	12544489.08	1.4156	A	3.1
8	☐			5868.14	0.0007	P	7.8

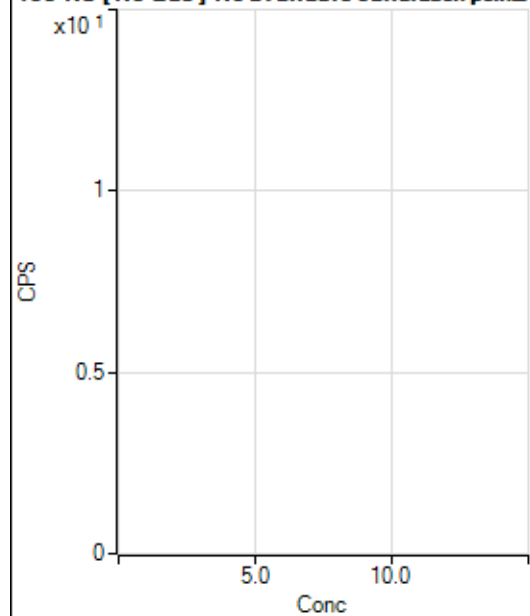
$$y = 2.8546E-004 * x + 4.9274E-006$$

$$R = 0.9998$$

$$DL = 0.01662$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	0.0
2	☐			13.34		P	86.6
3	☐			44.45		P	8.7
4	☐			55.56		P	18.3
5	☐			71.11		P	35.5
6	☐			211.12		P	22.2
7	☐			337.79		P	12.8
8	☐			35.56		P	21.6

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐			1.11		P	173.2
3	☐			5.56		P	91.6
4	☐			2.22		P	86.6
5	☐			5.55		P	124.9
6	☐			23.33		P	57.2
7	☐			18.89		P	36.7
8	☐			14.45		P	93.2

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	91.6
2	☐			2.78		P	173.2
3	☐			13.89		P	34.7
4	☐			47.22		P	27.0
5	☐			77.78		P	12.4
6	☐			163.89		P	12.8
7	☐			302.79		P	14.1
8	☐			1061.18		P	7.9

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	0.0
2	☐			3.33		P	100.1
3	☐			10.00		P	57.8
4	☐			18.89		P	10.2
5	☐			34.44		P	14.8
6	☐			75.56		P	21.8
7	☐			110.00		P	13.2
8	☐			460.01		P	13.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	16.7
2	☐			30.55		P	68.6
3	☐			38.89		P	12.4
4	☐			58.34		P	24.7
5	☐			88.89		P	19.5
6	☐			155.56		P	21.7
7	☐			247.23		P	25.3
8	☐			833.38		P	15.1

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			57.78		P	26.6
2	☐			56.67		P	21.2
3	☐			54.44		P	3.5
4	☐			76.67		P	13.0
5	☐			86.66		P	17.6
6	☐			124.45		P	22.3
7	☐			156.67		P	3.7
8	☐			496.68		P	6.4

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.78		P	24.1
2	☐			66.67		P	21.7
3	☐			52.78		P	39.7
4	☐			63.89		P	37.7
5	☐			75.00		P	29.4
6	☐			55.56		P	17.3
7	☐			133.34		P	39.0
8	☐			147.23		P	16.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	20.0
2	☐			18.89		P	40.7
3	☐			22.22		P	60.6
4	☐			25.56		P	49.4
5	☐			23.33		P	42.9
6	☐			44.44		P	26.3
7	☐			25.56		P	39.8
8	☐			56.67		P	15.6

172 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.44		P	65.5
2	☐			30.56		P	31.5
3	☐			22.22		P	21.6
4	☐			30.56		P	63.0
5	☐			27.78		P	96.4
6	☐			44.45		P	10.8
7	☐			63.89		P	37.7
8	☐			86.11		P	29.6

172 Yb [He] No available calibration points

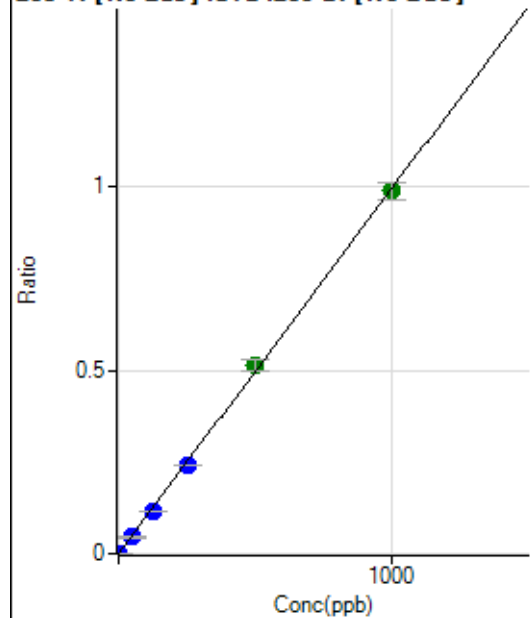
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.41		P	43.2
2	☐			12.96		P	24.8
3	☐			20.37		P	56.8
4	☐			16.67		P	57.7
5	☐			25.93		P	44.6
6	☐			20.37		P	56.8
7	☐			33.33		P	16.7
8	☐			27.78		P	0.0

176 Yb [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			758.38		P	21.5
2	☐			891.72		P	3.7
3	☐			1644.59		P	6.0
4	☐			2853.16		P	4.2
5	☐			5153.93		P	4.9
6	☐			10434.99		P	2.4
7	☐			19478.83		P	3.5
8	☐			891.73		P	8.9

176 Yb [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4686.11		P	6.8
2	☐			4515.67		P	5.8
3	☐			5282.62		P	6.4
4	☐			5829.18		P	3.5
5	☐			6996.42		P	2.3
6	☐			9396.09		P	3.3
7	☐			13266.17		P	1.3
8	☐			4558.28		P	5.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.35	0.0001	P	9.1
2	☐	1.000	0.803	3545.03	0.0009	P	8.0
3	☐	50.000	45.151	185636.47	0.0449	P	2.7
4	☐	125.000	116.784	477070.92	0.1161	P	2.0
5	☐	250.000	242.832	1001768.73	0.2414	P	1.7
6	☐	500.000	516.742	2216410.31	0.5135	A	6.8
7	☐	1000.000	994.691	4373870.89	0.9884	A	4.6
8	☐			1650.17	0.0004	P	4.1

$$y = 9.9364\text{E-}004 * x + 7.1600\text{E-}005$$

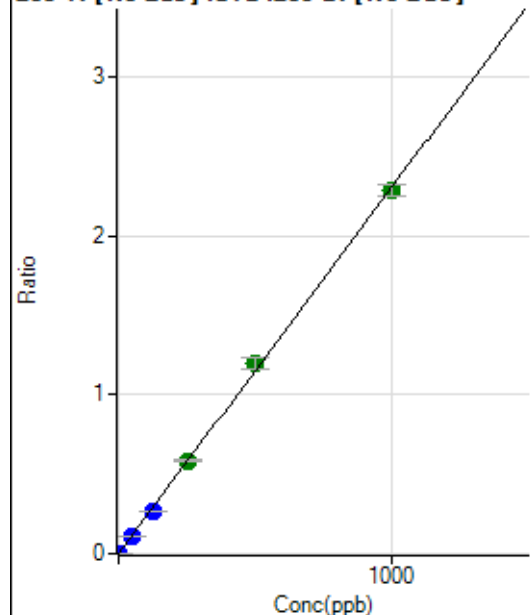
$$R = 0.9997$$

$$DL = 0.01967$$

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	630.59	0.0002	P	18.6
2	☐	1.000	0.887	8995.05	0.0022	P	3.3
3	☐	50.000	45.811	437164.69	0.1058	P	1.0
4	☐	125.000	116.893	1108457.86	0.2697	P	0.8
5	☐	250.000	253.537	2426946.00	0.5848	A	2.3
6	☐	500.000	518.230	5159220.60	1.1952	A	6.0
7	☐	1000.000	991.224	10118292.15	2.2859	A	3.3
8	☐			3678.44	0.0009	P	11.6

$$y = 0.0023 * x + 1.5920E-004$$

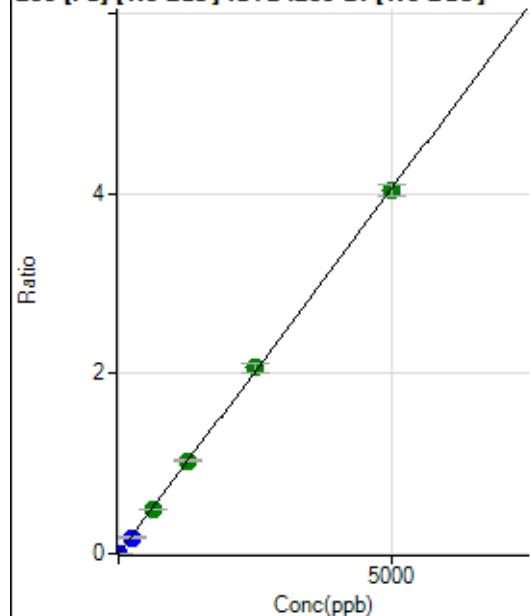
$$R = 0.9997$$

$$DL = 0.0385$$

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	455.57	0.0001	P	14.8
2	☐	1.000	0.861	3317.16	0.0008	P	3.4
3	☐	250.000	223.332	748634.18	0.1812	P	1.7
4	☐	625.000	608.192	2027165.89	0.4932	A	1.0
5	☐	1250.000	1267.189	4264436.06	1.0276	A	1.9
6	☐	2500.000	2551.009	8930812.18	2.0685	A	5.3
7	☐	5000.000	4973.633	17851589.52	4.0328	A	3.1
8	☐			10458.24	0.0026	P	7.3

$$y = 8.1082E-004 * x + 1.1521E-004$$

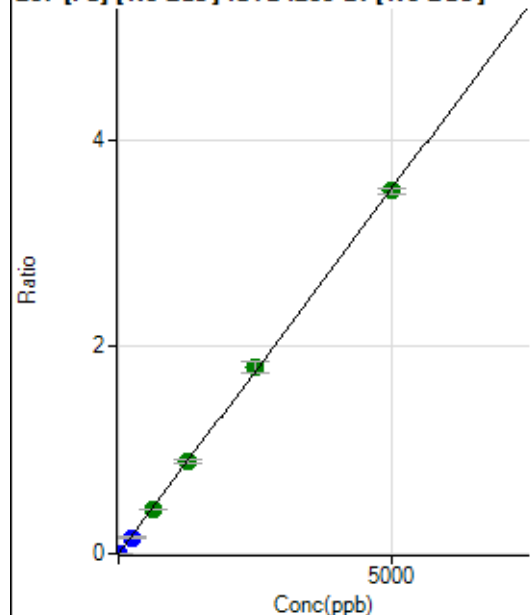
$$R = 0.9999$$

$$DL = 0.06326$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	457.42	0.0001	P	9.2
2	☐	1.000	0.822	2835.54	0.0007	P	3.2
3	☐	250.000	222.994	649773.66	0.1573	P	2.0
4	☐	625.000	614.488	1780363.49	0.4332	A	1.1
5	☐	1250.000	1265.063	3700673.49	0.8917	A	3.1
6	☐	2500.000	2552.495	7762951.16	1.7990	A	6.6
7	☐	5000.000	4972.651	15518868.17	3.5047	A	1.6
8	☐			9375.88	0.0024	P	7.4

$$y = 7.0477E-004 * x + 1.1567E-004$$

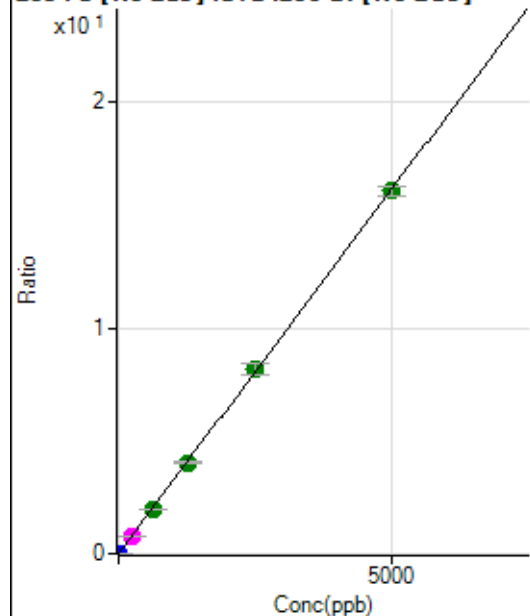
$$R = 0.9999$$

$$DL = 0.04507$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1900.09	0.0005	P	9.4
2	☐	1.000	0.853	13193.65	0.0032	P	0.5
3	☐	250.000	230.696	3079136.91	0.7451	M	2.0
4	☐	625.000	608.940	8079579.97	1.9658	A	1.2
5	☐	1250.000	1248.106	16719198.46	4.0287	A	2.1
6	☐	2500.000	2544.057	35439901.26	8.2114	A	6.0
7	☐	5000.000	4981.418	71183021.96	16.0780	A	2.4
8	☐			41458.28	0.0105	P	8.0

$$y = 0.0032 * x + 4.8038E-004$$

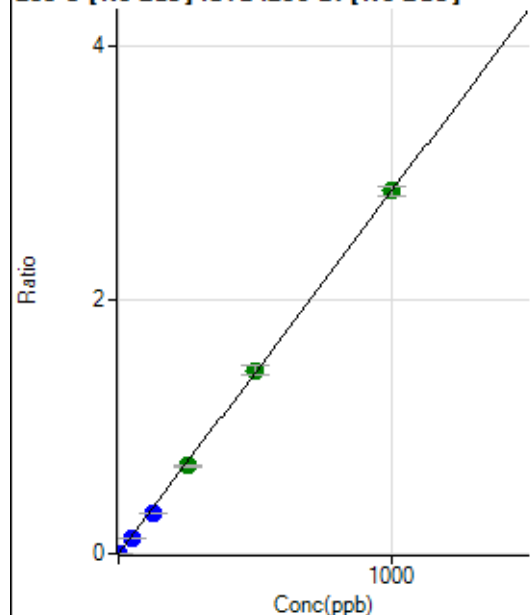
$$R = 0.9999$$

$$DL = 0.04211$$

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	13.89	0.0000	P	70.2
2	☐	1.000	0.822	9587.24	0.0024	P	4.6
3	☐	50.000	44.156	520708.42	0.1260	P	0.6
4	☐	125.000	111.529	1307764.46	0.3183	P	2.3
5	☐	250.000	242.412	2871362.61	0.6918	A	1.0
6	☐	500.000	505.271	6224388.90	1.4420	A	5.7
7	☐	1000.000	1001.238	12649953.76	2.8575	A	2.8
8	☐			3214.57	0.0008	P	18.5

$$y = 0.0029 * x + 3.5216E-006$$

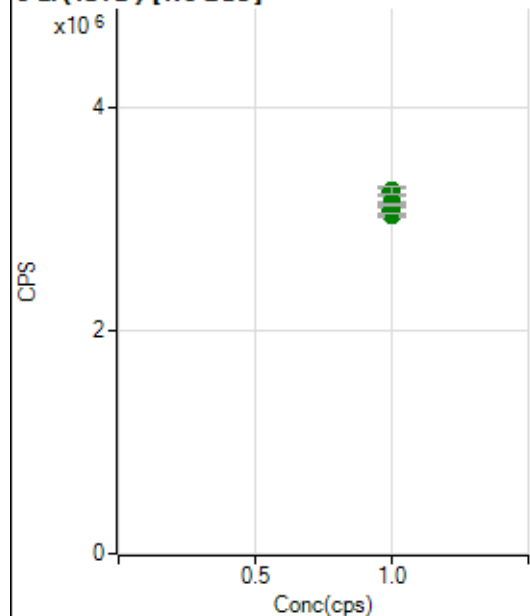
$$R = 0.9999$$

$$DL = 0.002597$$

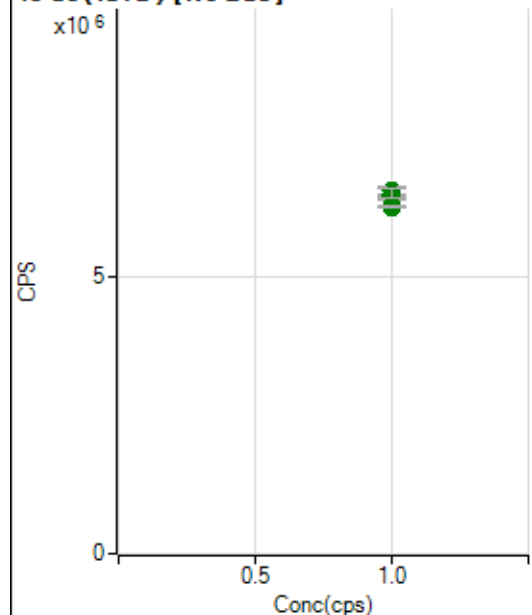
Weight: <None>

Min Conc: 0

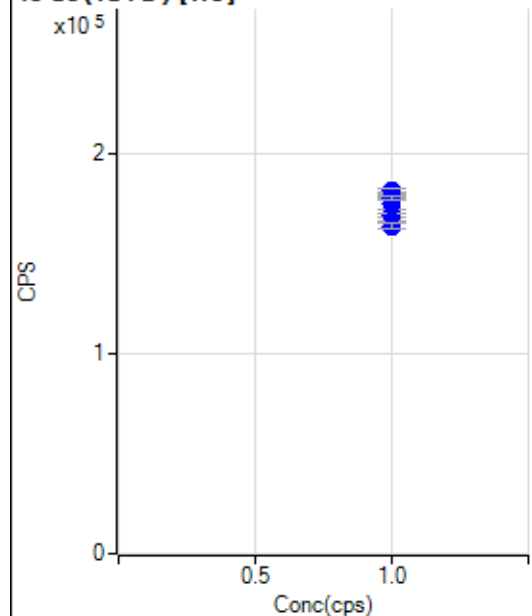
6 Li (ISTD) [No Gas]



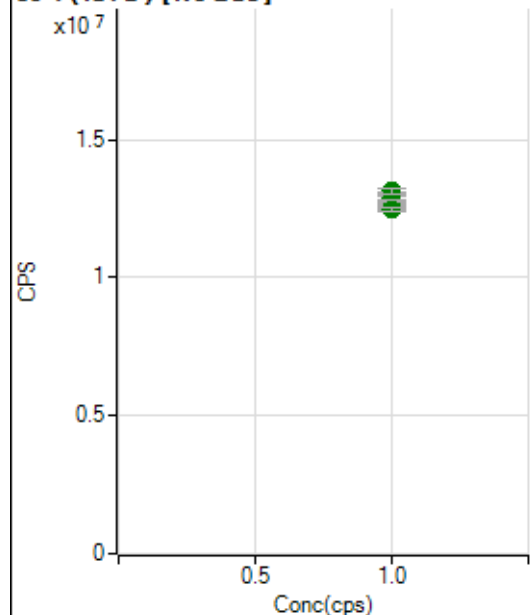
	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3033398.28		A	1.5
2	☐	1.000		3071299.53		A	1.9
3	☐	1.000		3081955.57		A	2.4
4	☐	1.000		3236607.22		A	2.3
5	☐	1.000		3218192.16		A	3.5
6	☐	1.000		3252935.57		A	2.8
7	☐	1.000		3253759.80		A	2.2
8	☐	1.000		3131754.50		A	0.8

45 Sc (ISTD) [No Gas]

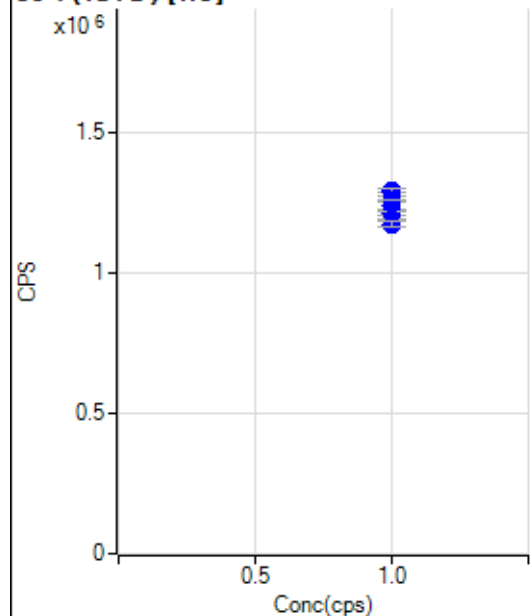
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6294226.23		A	0.3
2	☐	1.000		6485645.74		A	0.6
3	☐	1.000		6296874.21		A	0.5
4	☐	1.000		6567121.85		A	2.2
5	☐	1.000		6516765.46		A	2.8
6	☐	1.000		6462497.75		A	1.9
7	☐	1.000		6525817.75		A	2.4
8	☐	1.000		6277146.09		A	0.8

45 Sc (ISTD) [He]

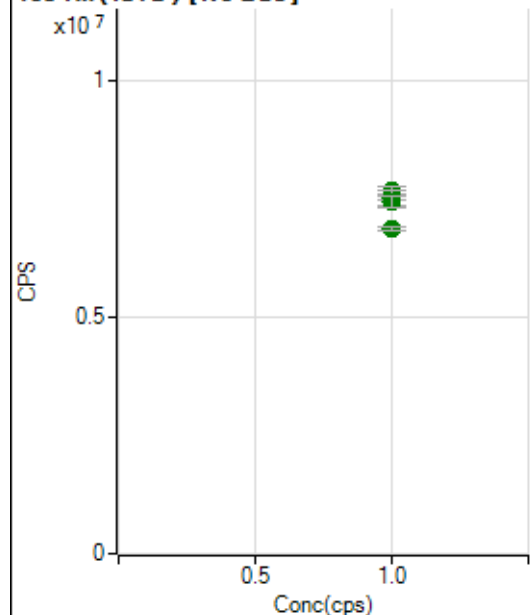
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		174728.74		P	2.6
2	☐	1.000		178246.61		P	0.3
3	☐	1.000		180649.91		P	0.5
4	☐	1.000		181323.23		P	1.4
5	☐	1.000		178053.42		P	0.9
6	☐	1.000		169151.98		P	0.8
7	☐	1.000		166041.32		P	0.6
8	☐	1.000		163848.92		P	2.0

89 Y (ISTD) [No Gas]

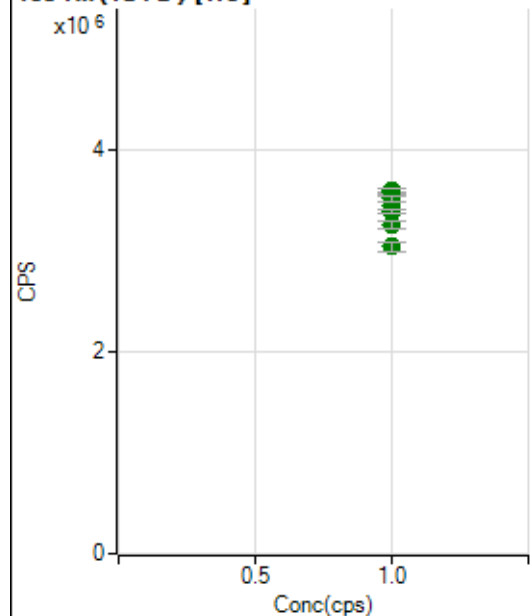
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12568420.37		A	1.8
2	☐	1.000		12691219.26		A	1.5
3	☐	1.000		12818859.12		A	1.9
4	☐	1.000		12757298.15		A	0.2
5	☐	1.000		12906790.50		A	2.9
6	☐	1.000		13051633.69		A	3.3
7	☐	1.000		13140628.55		A	1.5
8	☐	1.000		12477610.92		A	1.0

89 Y (ISTD) [He]

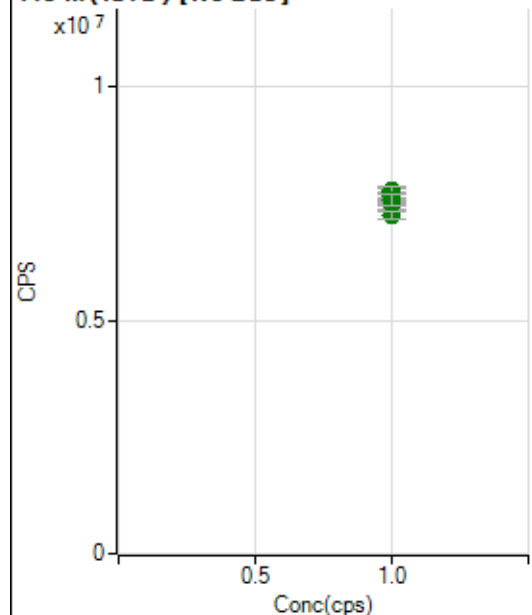
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1239426.58		P	2.4
2	☐	1.000		1253295.20		P	0.6
3	☐	1.000		1291306.00		P	1.0
4	☐	1.000		1286401.69		P	2.3
5	☐	1.000		1258861.18		P	0.2
6	☐	1.000		1209180.13		P	1.1
7	☐	1.000		1188560.33		P	0.6
8	☐	1.000		1171140.24		P	1.8

103 Rh (ISTD) [No Gas]

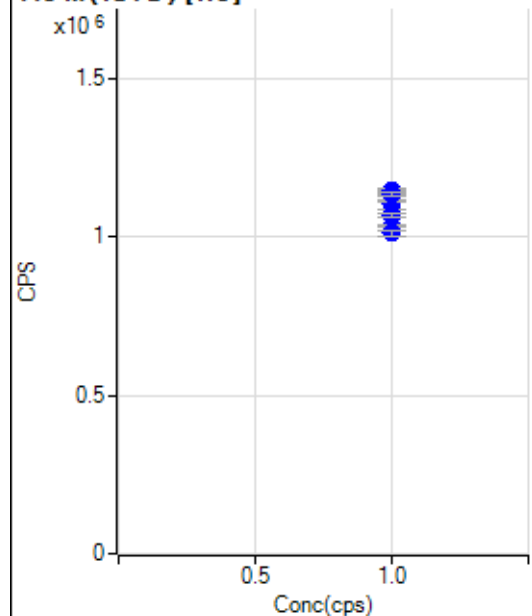
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7422628.20		A	1.8
2	☐	1.000		7512965.10		A	1.3
3	☐	1.000		7576892.53		A	2.3
4	☐	1.000		7579031.77		A	0.8
5	☐	1.000		7660742.44		A	2.9
6	☐	1.000		7517643.48		A	4.1
7	☐	1.000		7427517.70		A	3.1
8	☐	1.000		6851732.75		A	0.9

103 Rh (ISTD) [He]

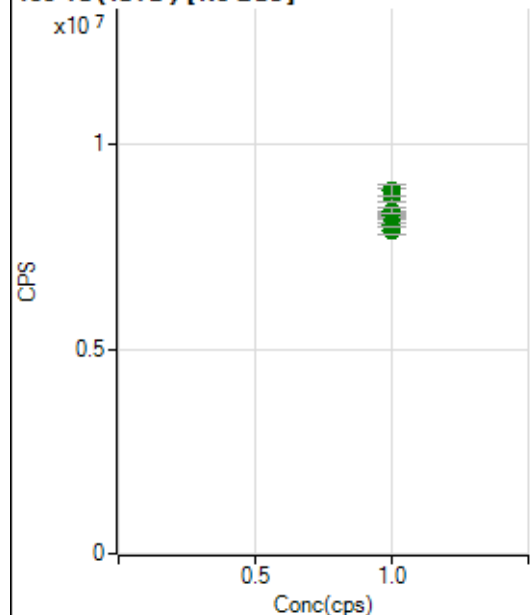
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3447410.85		A	2.3
2	☐	1.000		3529551.48		A	2.9
3	☐	1.000		3588903.49		A	1.6
4	☐	1.000		3578250.15		A	2.2
5	☐	1.000		3509878.35		A	1.2
6	☐	1.000		3391010.85		A	1.0
7	☐	1.000		3249920.82		A	2.7
8	☐	1.000		3039963.04		A	3.0

115 In (ISTD) [No Gas]

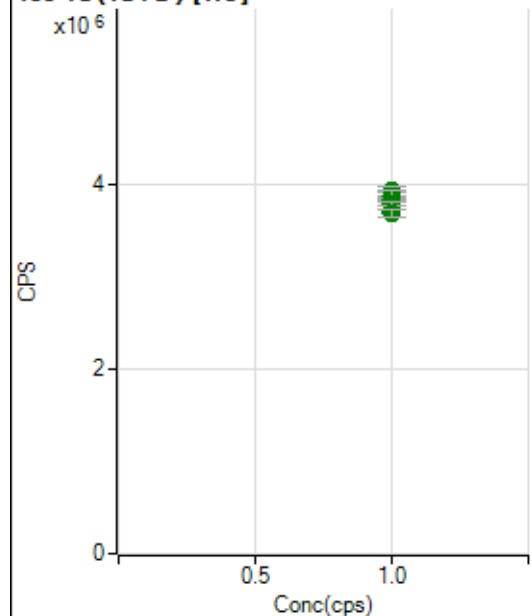
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7459733.68		A	2.1
2	☐	1.000		7659929.07		A	2.2
3	☐	1.000		7526198.35		A	0.6
4	☐	1.000		7765295.23		A	1.2
5	☐	1.000		7741563.75		A	3.1
6	☐	1.000		7682179.21		A	4.6
7	☐	1.000		7567786.57		A	3.0
8	☐	1.000		7255108.34		A	2.4

115 In (ISTD) [He]

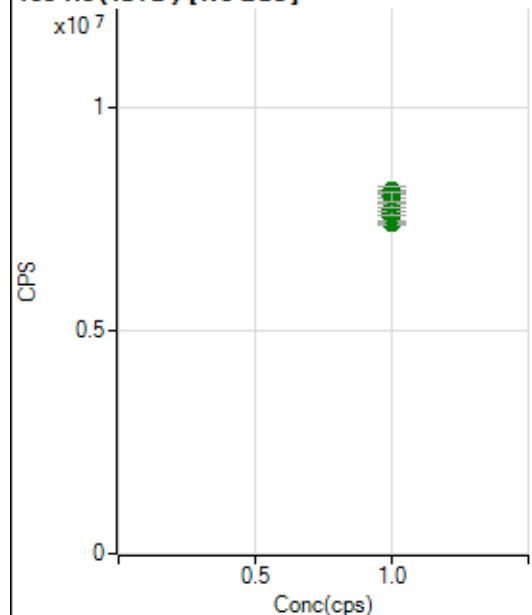
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1101970.52		P	2.9
2	☐	1.000		1113688.18		P	0.4
3	☐	1.000		1141103.25		P	0.9
4	☐	1.000		1143452.20		P	1.8
5	☐	1.000		1132276.99		P	1.0
6	☐	1.000		1068025.85		P	1.0
7	☐	1.000		1032219.84		P	0.3
8	☐	1.000		1009684.01		P	1.5

159 Tb (ISTD) [No Gas]

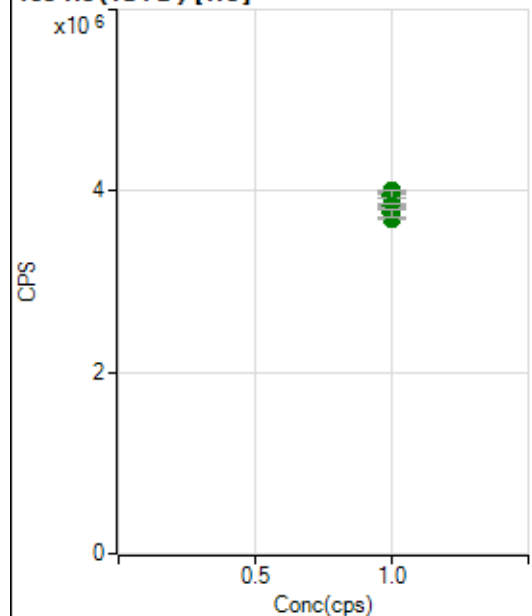
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7874150.64		A	2.4
2	☐	1.000		8017934.88		A	1.2
3	☐	1.000		8241762.10		A	1.6
4	☐	1.000		8230054.67		A	0.8
5	☐	1.000		8291989.04		A	2.1
6	☐	1.000		8752831.82		A	3.9
7	☐	1.000		8866486.12		A	3.0
8	☐	1.000		8380312.31		A	1.4

159 Tb (ISTD) [He]

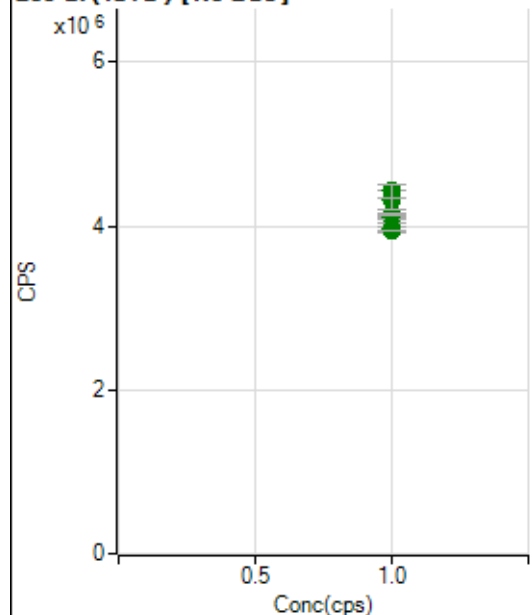
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3700346.27		A	3.8
2	☐	1.000		3773918.38		A	3.2
3	☐	1.000		3829533.93		A	1.4
4	☐	1.000		3915746.19		A	0.7
5	☐	1.000		3923544.38		A	2.3
6	☐	1.000		3861888.62		A	3.2
7	☐	1.000		3779940.36		A	1.0
8	☐	1.000		3685406.79		A	2.0

165 Ho (ISTD) [No Gas]

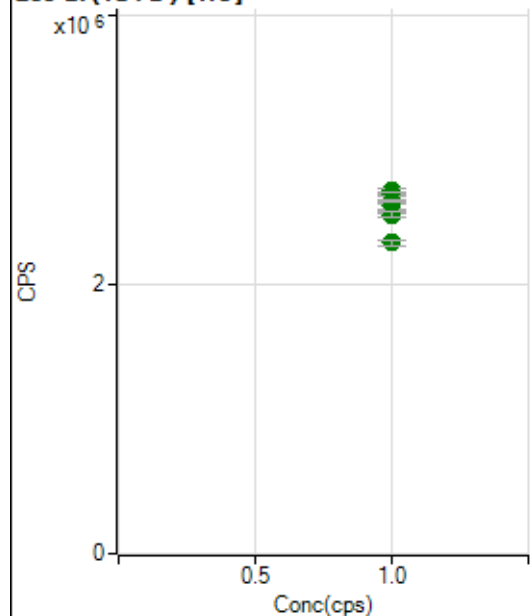
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7401707.46		A	0.7
2	☐	1.000		7728391.32		A	1.0
3	☐	1.000		7527423.61		A	1.9
4	☐	1.000		7640587.15		A	1.2
5	☐	1.000		7861583.94		A	2.5
6	☐	1.000		8011055.65		A	3.8
7	☐	1.000		8132316.41		A	2.0
8	☐	1.000		8000209.04		A	2.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3776274.11		A	3.0
2	☐	1.000		3686828.45		A	0.3
3	☐	1.000		3838935.99		A	0.2
4	☐	1.000		3944969.11		A	1.0
5	☐	1.000		4002594.42		A	0.8
6	☐	1.000		3972811.99		A	2.0
7	☐	1.000		3845955.15		A	1.3
8	☐	1.000		3755924.46		A	2.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3958076.78		A	1.4
2	☐	1.000		4080426.08		A	1.5
3	☐	1.000		4132082.44		A	1.3
4	☐	1.000		4109527.99		A	1.5
5	☐	1.000		4150272.06		A	0.6
6	☐	1.000		4325580.63		A	5.6
7	☐	1.000		4429610.07		A	3.4
8	☐	1.000		3945965.67		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2548257.29		A	1.3
2	☐	1.000		2517782.10		A	1.3
3	☐	1.000		2585990.29		A	1.6
4	☐	1.000		2699352.46		A	1.7
5	☐	1.000		2674487.04		A	1.3
6	☐	1.000		2624811.96		A	0.8
7	☐	1.000		2524698.80		A	2.2
8	☐	1.000		2312327.31		A	1.4

US EPA Tune Check Report

Operator Name Jaswal
Acq/Data Batch D:\Agilent\ICPMH\1\DATA\P8120421 MS.b
Acq. Date-Time 2021-12-04 12:09:04
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		9503	95027.20			1.687	5.000
24		105577	1055771.51			1.781	5.000
25		14249	142490.02			1.444	5.000
26		16412	164120.04			0.969	5.000
59		24007	240073.27			1.431	5.000
113		9583	95832.38			1.473	5.000
115		32622	326215.69			1.593	5.000
206		9891	98909.94			1.968	5.000
207		8257	82570.98			1.599	5.000
208		20406	204064.14			1.528	5.000
220		1	8.30			19.797	

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

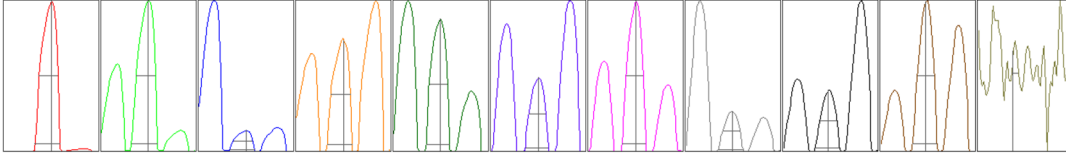
Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
9	9584	9616	9598	9231	9483
24	107280	107179	103304	106282	103840
25	14377	14524	14210	13997	14137
26	16538	16605	16227	16295	16394
59	23890	24300	24015	23494	24337
113	9593	9764	9563	9371	9625
115	32954	33064	32741	31750	32600
206	9889	10105	9885	9583	9994
207	8212	8379	8283	8053	8359
208	20256	20710	20471	19947	20649

US EPA Tune Check Report

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

Integration Time [sec] 0.1

Resolution/Axis



Mass	Peak Height	Axis	Axis (Required)	Axis (Flag)
9	17092.80	9.05	8.90 - 9.10	
24	181329.95	24.00	23.90 - 24.10	
25	24658.63	25.05	24.90 - 25.10	
26	27996.77	26.05	25.90 - 26.10	
59	43913.22	59.00	58.90 - 59.10	
113	18611.18	113.05	112.90 - 113.10	
115	63962.84	115.05	114.90 - 115.10	
206	18730.80	206.00	205.90 - 206.10	
207	15797.86	206.95	206.90 - 207.10	
208	39058.71	207.95	207.90 - 208.10	
220	1.00	219.65	-	

Mass	W-50%	W-5%	W-5% (Required)	W-5% (Flag)
9	0.60	0.779	0.900	
24	0.61	0.819	0.900	
25	0.61	0.786	0.900	
26	0.62	0.786	0.900	
59	0.58	0.739	0.900	
113	0.53	0.733	0.900	
115	0.53	0.760	0.900	
206	0.54	0.774	0.900	
207	0.54	0.776	0.900	
208	0.54	0.774	0.900	
220	0.23			

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	7.9 V	Deflect	16.0 V
Extract 2	-160.0 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	123	Axis Gain	0.9991	QP Bias	-4.0 V
Mass Offset	124	Axis Offset	0.00		

Hardware Settings

Torch

Torch H	0.9 mm	Torch V	-0.8 mm
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EM

Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V
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[He]

Sensitivity

Mass	Conc. [ug/l]	Count	CPS	Resp (Required) [cps/ug/l]	Resp (Flag)	RSD%	RSD% (Required)
59		5151	51511.15			1.391	
89		17696	176961.11			1.723	
205		24259	242594.87			1.976	

Mass	RSD% (Flag)
59	
89	
205	

Mass	Rep#1 Count	Rep#2 Count	Rep#3 Count	Rep#4 Count	Rep#5 Count
59	5273	5132	5151	5091	5108
89	18172	17689	17735	17530	17354
205	24899	24430	24398	23707	23864

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	7.9 V	Deflect	5.0 V
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US EPA Tune Check Report

Extract 2	-160.0 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	123	Axis Gain	0.9991	QP Bias	-13.0 V
Mass Offset	124	Axis Offset	0.00		
Hardware Settings					
Torch					
Torch H	0.9 mm	Torch V	-0.8 mm		
EM					
Discriminator	4.1 mV	Analog HV	2268 V	Pulse HV	1587 V

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:12:02	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				100		%
Bismuth	209-2				101		%
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				99		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	54-2						ppb
Iron	56-2						ppb
Iron	57-2						ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:12:02	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				97		%
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				99		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
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				102		%
Terbium	159-2				102		%
Thallium	203-1						ppb
Thallium	205-1						ppb
Tin	118-1						ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:12:02	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				98		%
Yttrium	89-2				101		%
Zinc	66-2						ppb
Zirconium	90-1						ppb
Zirconium	91-1						ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.42	-0.48	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.00	0.02	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.01	-0.01	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.26	0.31	-0.05	0.00	N/A	ppb
Boron	11-1	-0.21	0.21	-0.01	0.00	N/A	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.00	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.57	-0.07	0.64	0.00	N/A	ppb
Cadmium	108-1	0.05	0.14	-0.19	0.00	N/A	ppb
Calcium	43-1	0.56	-0.25	-0.31	0.00	N/A	ppb
Calcium	44-1	0.68	-0.72	0.03	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	0.03	0.02	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.01	0.00	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.11	-0.55	0.44	0.00	N/A	ppb
Iron	56-2	0.01	0.16	-0.17	0.00	N/A	ppb
Iron	57-2	-0.65	-1.03	1.68	0.00	N/A	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	0.01	-0.02	0.00	N/A	ppb
Lead	208-1	0.02	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.16	-0.34	0.19	0.00	N/A	ppb
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	-0.03	0.03	0.00	N/A	ppb
Molybdenum	97-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.03	0.00	N/A	ppb
Phosphorus	31-2	4.51	-11.41	-16.41	-7.77		ppb
Potassium	39-2	0.89	2.29	-3.19	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	82-1	-0.47	-0.44	0.91	0.00	N/A	ppb
Selenium	77-2	-0.38	-0.38	0.76	0.00	N/A	ppb
Selenium	78-2	-0.75	1.15	-0.40	0.00	N/A	ppb
Silicon	28-1	-0.86	0.62	0.24	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.18	0.73	-0.55	0.00	N/A	ppb
Strontium	86-1	0.00	0.07	-0.07	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	128.11	281.18	169.16	192.82	41.09	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.01	-0.01	0.01	0.00	N/A	ppb
Tin	118-1	0.00	0.02	-0.02	0.00	N/A	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	-0.04	0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.02	-0.04	0.05	0.00	N/A	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	-0.01	0.02	0.00	N/A	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S02 Instrumnet Name : P8
 Client Sample ID : S02 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:05:42 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.20	22.53	21.35	22.36	4.18	ppb
Antimony	121-1	1.81	1.88	1.98	1.89	4.50	ppb
Arsenic	75-2	0.93	1.03	0.97	0.98	5.40	ppb
Barium	135-1	9.20	9.31	10.12	9.54	5.26	ppb
Barium	137-1	9.59	9.16	9.37	9.37	2.28	ppb
Beryllium	9-1	0.99	1.03	0.95	0.99	4.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	21.45	22.60	24.91	22.99	7.66	ppb
Boron	11-1	20.83	24.14	25.40	23.46	10.06	ppb
Bromine	81-1						cps
Cadmium	111-1	1.03	1.07	1.05	1.05	1.74	ppb
Cadmium	106-1	2.83	0.15	1.42	1.47	91.31	ppb
Cadmium	108-1	0.86	0.83	0.84	0.84	1.39	ppb
Calcium	43-1	446.29	456.60	457.80	453.56	1.39	ppb
Calcium	44-1	453.00	459.18	458.76	456.98	0.75	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.84	1.85	1.84	1.84	0.24	ppb
Cobalt	59-2	0.98	0.95	1.00	0.97	2.50	ppb
Copper	63-2	1.84	2.01	1.90	1.92	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	54-2	49.00	50.86	46.43	48.76	4.56	ppb
Iron	56-2	48.65	47.91	46.97	47.84	1.75	ppb
Iron	57-2	49.19	47.17	54.26	50.21	7.27	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:05:42	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.90	0.86	0.83	0.86	3.91	ppb
Lead	207-1	0.85	0.83	0.79	0.82	3.79	ppb
Lead	208-1	0.85	0.85	0.86	0.85	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	472.99	504.39	472.16	483.18	3.80	ppb
Manganese	55-2	0.99	0.97	1.04	1.00	3.33	ppb
Molybdenum	94-1	5.49	6.07	5.82	5.79	5.02	ppb
Molybdenum	95-1	4.81	5.06	4.74	4.87	3.47	ppb
Molybdenum	96-1	4.88	4.93	4.83	4.88	0.99	ppb
Molybdenum	97-1	5.03	4.88	4.85	4.92	1.99	ppb
Molybdenum	98-1	4.64	4.91	4.76	4.77	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	0.97	1.00	0.96	4.17	ppb
Phosphorus	31-2	6.34	10.37	6.60	7.77	29.06	ppb
Potassium	39-2	470.02	469.37	463.46	467.62	0.77	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	82-1	4.80	5.45	4.93	5.06	6.82	ppb
Selenium	77-2	8.86	3.12	3.09	5.03	66.13	ppb
Selenium	78-2	3.98	3.39	3.80	3.72	8.19	ppb
Silicon	28-1	4.65	7.46	5.51	5.87	24.56	ppb
Silver	107-1	0.97	0.94	1.06	0.99	6.11	ppb
Silver	109-1	0.99	0.97	0.95	0.97	2.08	ppb
Sodium	23-2	464.68	470.14	476.54	470.45	1.26	ppb
Strontium	86-1	0.84	0.98	0.79	0.87	10.95	ppb
Strontium	88-1	0.94	0.98	0.96	0.96	2.41	ppb
Sulfur	34-1	-248.19	-60.18	-270.07	-192.82		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.84	0.72	0.85	0.80	8.69	ppb
Thallium	205-1	0.92	0.88	0.86	0.89	3.57	ppb
Tin	118-1	5.03	5.00	5.04	5.02	0.43	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:05:42	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5.00	4.82	4.62	4.81	3.88	ppb
Uranium	238-1	0.87	0.80	0.80	0.82	4.65	ppb
Vanadium	51-2	4.77	4.73	4.64	4.71	1.46	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				101		%
Zinc	66-2	2.18	2.39	2.24	2.27	4.75	ppb
Zirconium	90-1	0.92	0.96	0.92	0.93	2.54	ppb
Zirconium	91-1	0.83	0.98	0.86	0.89	8.91	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:08:48 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3696.79	3698.84	3624.64	3673.42	1.15	ppb
Antimony	121-1	48.67	49.21	49.53	49.13	0.88	ppb
Arsenic	75-2	49.02	50.80	50.16	49.99	1.81	ppb
Barium	135-1	240.86	251.14	240.34	244.11	2.49	ppb
Barium	137-1	245.30	255.24	245.87	248.81	2.24	ppb
Beryllium	9-1	52.91	50.14	50.65	51.23	2.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	45.09	45.13	48.62	46.28	4.38	ppb
Boron	11-1	45.48	46.40	49.89	47.26	4.92	ppb
Bromine	81-1						cps
Cadmium	111-1	50.41	53.71	52.63	52.25	3.22	ppb
Cadmium	106-1	49.28	49.29	52.80	50.46	4.03	ppb
Cadmium	108-1	52.64	52.01	51.30	51.98	1.28	ppb
Calcium	43-1	5399.61	5300.43	5381.65	5360.56	0.99	ppb
Calcium	44-1	5374.52	5214.38	5392.28	5327.06	1.84	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	50.82	51.20	50.07	50.70	1.13	ppb
Cobalt	59-2	49.94	49.85	48.06	49.28	2.15	ppb
Copper	63-2	508.47	508.04	493.63	503.38	1.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				104		%
Iron	54-2	2608.69	2651.87	2588.35	2616.30	1.24	ppb
Iron	56-2	2684.28	2542.48	2637.71	2621.49	2.76	ppb
Iron	57-2	2611.73	2578.39	2570.29	2586.80	0.85	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:08:48	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	227.18	219.76	223.06	223.33	1.66	ppb
Lead	207-1	228.00	219.29	221.69	222.99	2.02	ppb
Lead	208-1	225.50	231.89	234.71	230.70	2.05	ppb
Lithium	6-1				102		%
Magnesium	24-2	5258.15	5242.07	5127.05	5209.09	1.37	ppb
Manganese	55-2	499.70	495.30	492.99	496.00	0.69	ppb
Molybdenum	94-1	555.30	552.93	529.66	545.96	2.60	ppb
Molybdenum	95-1	537.51	528.98	533.37	533.29	0.80	ppb
Molybdenum	96-1	557.69	548.53	539.41	548.54	1.67	ppb
Molybdenum	97-1	559.48	552.65	541.66	551.26	1.63	ppb
Molybdenum	98-1	547.39	559.76	546.88	551.34	1.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	51.63	51.32	50.69	51.22	0.94	ppb
Phosphorus	31-2	949.20	954.94	995.18	966.44	2.59	ppb
Potassium	39-2	2605.00	2569.86	2547.73	2574.20	1.12	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	82-1	52.81	52.54	50.18	51.84	2.79	ppb
Selenium	77-2	53.31	44.46	64.52	54.09	18.58	ppb
Selenium	78-2	52.34	49.54	51.51	51.13	2.81	ppb
Silicon	28-1	63.95	64.94	67.64	65.51	2.92	ppb
Silver	107-1	50.77	51.84	52.78	51.80	1.94	ppb
Silver	109-1	50.61	51.89	51.82	51.44	1.40	ppb
Sodium	23-2	5129.63	5125.32	4978.31	5077.75	1.70	ppb
Strontium	86-1	518.68	489.17	488.80	498.88	3.44	ppb
Strontium	88-1	497.43	506.93	497.01	500.46	1.12	ppb
Sulfur	34-1	1420.04	1276.40	1196.54	1297.66	8.73	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	46.43	45.05	43.98	45.15	2.72	ppb
Thallium	205-1	46.02	45.29	46.12	45.81	0.98	ppb
Tin	118-1	49.66	51.41	51.29	50.79	1.92	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:08:48	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	561.00	563.36	579.34	567.90	1.76	ppb
Uranium	238-1	44.45	43.98	44.03	44.16	0.58	ppb
Vanadium	51-2	51.04	49.69	49.00	49.91	2.08	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	510.15	508.19	493.24	503.86	1.83	ppb
Zirconium	90-1	49.47	50.22	49.66	49.79	0.79	ppb
Zirconium	91-1	49.07	49.71	48.59	49.12	1.15	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:11:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2391.81	2354.18	2379.81	2375.27	0.81	ppb
Antimony	121-1	127.01	124.79	124.15	125.32	1.20	ppb
Arsenic	75-2	122.45	121.20	124.29	122.65	1.27	ppb
Barium	135-1	599.82	620.06	595.05	604.98	2.19	ppb
Barium	137-1	634.06	617.67	624.01	625.25	1.32	ppb
Beryllium	9-1	119.08	124.98	125.19	123.08	2.82	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	101.70	113.85	119.27	111.61	8.06	ppb
Boron	11-1	104.38	116.25	121.26	113.96	7.61	ppb
Bromine	81-1						cps
Cadmium	111-1	130.71	133.25	129.98	131.31	1.31	ppb
Cadmium	106-1	129.01	127.02	129.16	128.39	0.93	ppb
Cadmium	108-1	131.39	130.39	127.95	129.91	1.36	ppb
Calcium	43-1	12656.98	12531.46	13310.54	12832.99	3.26	ppb
Calcium	44-1	12764.44	12323.18	12945.77	12677.80	2.53	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	119.86	117.79	117.99	118.55	0.96	ppb
Cobalt	59-2	121.69	117.08	120.50	119.76	2.00	ppb
Copper	63-2	1264.56	1228.96	1236.34	1243.29	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	54-2	6350.60	6192.07	6386.36	6309.68	1.64	ppb
Iron	56-2	6300.95	6212.61	6433.99	6315.85	1.76	ppb
Iron	57-2	6146.34	6023.49	6237.90	6135.91	1.75	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:11:51	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	613.49	601.21	609.88	608.19	1.04	ppb
Lead	207-1	618.78	607.05	617.63	614.49	1.05	ppb
Lead	208-1	611.26	600.99	614.57	608.94	1.16	ppb
Lithium	6-1				107		%
Magnesium	24-2	12522.54	12108.12	12754.04	12461.57	2.63	ppb
Manganese	55-2	1214.10	1164.97	1206.30	1195.12	2.21	ppb
Molybdenum	94-1	1377.33	1350.19	1369.85	1365.79	1.03	ppb
Molybdenum	95-1	1356.26	1363.99	1345.17	1355.14	0.70	ppb
Molybdenum	96-1	1375.52	1371.05	1369.04	1371.87	0.24	ppb
Molybdenum	97-1	1391.58	1404.23	1355.99	1383.94	1.81	ppb
Molybdenum	98-1	1375.12	1381.87	1391.90	1382.96	0.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.82	121.85	124.63	123.76	1.34	ppb
Phosphorus	31-2	2418.78	2248.83	2703.64	2457.08	9.35	ppb
Potassium	39-2	6251.10	6089.81	6146.58	6162.50	1.33	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	82-1	128.44	129.05	128.83	128.78	0.24	ppb
Selenium	77-2	121.02	134.79	127.33	127.71	5.40	ppb
Selenium	78-2	113.92	124.67	125.68	121.42	5.37	ppb
Silicon	28-1	111.33	116.10	126.27	117.90	6.47	ppb
Silver	107-1	133.19	128.96	131.59	131.25	1.63	ppb
Silver	109-1	126.47	128.22	128.13	127.61	0.77	ppb
Sodium	23-2	12290.33	12240.01	12183.45	12237.93	0.44	ppb
Strontium	86-1	1273.92	1281.84	1268.39	1274.72	0.53	ppb
Strontium	88-1	1244.20	1272.09	1235.46	1250.58	1.53	ppb
Sulfur	34-1	2026.94	2073.05	2867.26	2322.42	20.34	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	117.18	118.94	114.23	116.78	2.04	ppb
Thallium	205-1	117.78	115.82	117.08	116.89	0.85	ppb
Tin	118-1	128.11	124.85	126.80	126.59	1.29	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:11:51	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1353.07	1377.12	1379.66	1369.95	1.07	ppb
Uranium	238-1	111.40	114.18	109.01	111.53	2.32	ppb
Vanadium	51-2	121.56	118.41	121.86	120.61	1.59	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	1227.63	1189.62	1241.49	1219.58	2.20	ppb
Zirconium	90-1	125.64	123.31	126.64	125.20	1.36	ppb
Zirconium	91-1	120.44	118.76	121.03	120.08	0.98	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:14:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4869.02	4859.68	4836.47	4855.06	0.35	ppb
Antimony	121-1	258.49	249.09	252.88	253.49	1.86	ppb
Arsenic	75-2	251.08	247.47	247.46	248.67	0.84	ppb
Barium	135-1	1291.46	1282.20	1239.03	1270.90	2.20	ppb
Barium	137-1	1318.19	1286.45	1252.54	1285.73	2.55	ppb
Beryllium	9-1	258.67	246.06	247.75	250.83	2.73	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	228.59	234.70	241.46	234.92	2.74	ppb
Boron	11-1	233.10	234.96	243.80	237.28	2.41	ppb
Bromine	81-1						cps
Cadmium	111-1	270.62	260.64	264.42	265.22	1.90	ppb
Cadmium	106-1	268.14	264.62	266.81	266.52	0.67	ppb
Cadmium	108-1	260.47	269.02	257.09	262.19	2.35	ppb
Calcium	43-1	27155.07	25430.86	26371.12	26319.02	3.28	ppb
Calcium	44-1	26757.65	25694.51	26053.71	26168.62	2.07	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	241.04	238.23	236.72	238.66	0.92	ppb
Cobalt	59-2	243.10	241.54	235.07	239.90	1.78	ppb
Copper	63-2	2479.43	2522.00	2515.80	2505.74	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	54-2	12596.02	12819.32	12584.55	12666.63	1.04	ppb
Iron	56-2	12759.44	13108.99	12773.21	12880.55	1.54	ppb
Iron	57-2	12465.61	12690.36	12377.84	12511.27	1.29	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:14:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	1294.44	1250.65	1256.48	1267.19	1.88	ppb
Lead	207-1	1287.79	1219.72	1287.68	1265.06	3.10	ppb
Lead	208-1	1277.75	1226.91	1239.65	1248.11	2.12	ppb
Lithium	6-1				106		%
Magnesium	24-2	25596.04	25441.52	25219.88	25419.15	0.74	ppb
Manganese	55-2	2511.79	2548.27	2456.06	2505.37	1.85	ppb
Molybdenum	94-1	2805.86	2698.55	2666.45	2723.62	2.68	ppb
Molybdenum	95-1	2859.86	2690.41	2699.84	2750.04	3.46	ppb
Molybdenum	96-1	2842.12	2677.86	2735.55	2751.84	3.03	ppb
Molybdenum	97-1	2884.24	2665.29	2774.54	2774.69	3.95	ppb
Molybdenum	98-1	2909.25	2658.38	2802.31	2789.98	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	246.36	250.95	248.25	248.52	0.93	ppb
Phosphorus	31-2	4893.65	5208.83	4655.43	4919.31	5.64	ppb
Potassium	39-2	12548.65	12634.66	12376.82	12520.04	1.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	82-1	261.72	246.71	255.12	254.52	2.96	ppb
Selenium	77-2	255.09	295.59	278.61	276.43	7.36	ppb
Selenium	78-2	256.98	250.38	244.24	250.53	2.54	ppb
Silicon	28-1	244.20	229.52	250.07	241.26	4.39	ppb
Silver	107-1	270.14	269.33	262.47	267.31	1.58	ppb
Silver	109-1	266.81	268.04	258.39	264.41	1.99	ppb
Sodium	23-2	24172.93	24488.36	24606.46	24422.58	0.92	ppb
Strontium	86-1	2616.35	2418.58	2486.49	2507.14	4.01	ppb
Strontium	88-1	2529.80	2480.98	2482.95	2497.91	1.11	ppb
Sulfur	34-1	6285.55	5125.87	5591.19	5667.54	10.30	ppb
Terbium	159-1				105		%
Terbium	159-2				106		%
Thallium	203-1	238.40	243.88	246.22	242.83	1.65	ppb
Thallium	205-1	259.22	253.81	247.58	253.54	2.30	ppb
Tin	118-1	261.46	258.41	258.21	259.36	0.70	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:14:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2841.68	2685.78	2748.86	2758.77	2.84	ppb
Uranium	238-1	241.41	240.58	245.24	242.41	1.02	ppb
Vanadium	51-2	243.20	248.81	241.51	244.51	1.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2444.29	2446.22	2434.86	2441.79	0.25	ppb
Zirconium	90-1	257.01	245.14	251.10	251.08	2.36	ppb
Zirconium	91-1	251.08	240.88	239.00	243.65	2.67	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:18:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10377.66	10334.30	10208.88	10306.95	0.85	ppb
Antimony	121-1	517.86	492.43	543.64	517.97	4.94	ppb
Arsenic	75-2	520.27	516.11	523.16	519.85	0.68	ppb
Barium	135-1	2585.57	2435.90	2689.41	2570.29	4.96	ppb
Barium	137-1	2519.54	2433.22	2740.49	2564.42	6.18	ppb
Beryllium	9-1	527.25	497.70	528.38	517.78	3.36	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	480.82	480.73	530.60	497.38	5.78	ppb
Boron	11-1	486.34	484.90	529.56	500.27	5.07	ppb
Bromine	81-1						cps
Cadmium	111-1	512.42	494.05	545.36	517.28	5.03	ppb
Cadmium	106-1	512.73	486.80	548.95	516.16	6.05	ppb
Cadmium	108-1	513.03	491.29	540.57	514.96	4.80	ppb
Calcium	43-1	56886.86	55457.40	58126.29	56823.51	2.35	ppb
Calcium	44-1	54437.94	53797.53	55738.75	54658.07	1.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	506.72	497.80	500.89	501.80	0.90	ppb
Cobalt	59-2	523.01	517.85	522.40	521.09	0.54	ppb
Copper	63-2	5144.50	5249.32	5082.21	5158.68	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	27818.99	27509.76	27329.66	27552.80	0.90	ppb
Iron	56-2	27031.32	27238.84	27143.54	27137.90	0.38	ppb
Iron	57-2	26565.95	26439.81	25982.31	26329.36	1.17	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:18:00	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2544.77	2419.30	2688.96	2551.01	5.29	ppb
Lead	207-1	2575.31	2373.30	2708.88	2552.50	6.62	ppb
Lead	208-1	2573.92	2378.27	2679.99	2544.06	6.02	ppb
Lithium	6-1				107		%
Magnesium	24-2	52467.16	53783.47	53991.12	53413.92	1.55	ppb
Manganese	55-2	5346.67	5193.46	5231.16	5257.10	1.52	ppb
Molybdenum	94-1	5770.94	5434.36	5753.46	5652.92	3.35	ppb
Molybdenum	95-1	5737.74	5521.81	5861.02	5706.86	3.01	ppb
Molybdenum	96-1	5744.46	5382.40	5858.04	5661.64	4.39	ppb
Molybdenum	97-1	5768.29	5453.28	5910.18	5710.58	4.10	ppb
Molybdenum	98-1	5722.22	5519.44	5909.02	5716.89	3.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.99	521.73	520.78	522.84	0.53	ppb
Phosphorus	31-2	10391.85	10486.15	10496.10	10458.04	0.55	ppb
Potassium	39-2	26199.37	26376.63	26230.64	26268.88	0.36	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	82-1	520.80	490.99	533.54	515.11	4.24	ppb
Selenium	77-2	526.29	525.65	528.18	526.70	0.25	ppb
Selenium	78-2	518.90	518.25	520.14	519.10	0.18	ppb
Silicon	28-1	459.03	456.99	481.42	465.81	2.91	ppb
Silver	107-1	519.88	489.39	558.17	522.48	6.60	ppb
Silver	109-1	508.45	497.82	543.53	516.60	4.63	ppb
Sodium	23-2	51773.23	52379.29	52005.92	52052.81	0.59	ppb
Strontium	86-1	5253.50	4990.60	5301.50	5181.87	3.23	ppb
Strontium	88-1	5259.57	4937.86	5400.44	5199.29	4.56	ppb
Sulfur	34-1	13087.99	12197.17	13241.36	12842.18	4.39	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	507.25	487.28	555.70	516.74	6.81	ppb
Thallium	205-1	514.87	489.09	550.73	518.23	5.97	ppb
Tin	118-1	513.40	500.49	533.94	515.94	3.27	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:18:00	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5823.77	5508.12	5861.03	5730.97	3.38	ppb
Uranium	238-1	514.27	473.28	528.26	505.27	5.66	ppb
Vanadium	51-2	518.16	522.55	511.12	517.28	1.11	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	5168.18	5069.97	5102.71	5113.62	0.98	ppb
Zirconium	90-1	515.27	495.89	536.39	515.85	3.93	ppb
Zirconium	91-1	510.56	487.88	534.58	511.01	4.57	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:21:06 DataFile Name : 010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19783.14	19710.85	19877.52	19790.50	0.42	ppb
Antimony	121-1	989.27	952.11	1029.05	990.15	3.89	ppb
Arsenic	75-2	991.65	988.15	992.31	990.70	0.23	ppb
Barium	135-1	4946.32	4738.23	5202.73	4962.43	4.69	ppb
Barium	137-1	4979.66	4793.45	5103.56	4958.89	3.15	ppb
Beryllium	9-1	999.88	945.33	1028.04	991.08	4.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	975.89	997.18	1047.90	1006.99	3.67	ppb
Boron	11-1	989.12	1004.67	1020.01	1004.60	1.54	ppb
Bromine	81-1						cps
Cadmium	111-1	1004.00	955.92	1000.04	986.65	2.70	ppb
Cadmium	106-1	1000.91	940.58	1020.54	987.34	4.22	ppb
Cadmium	108-1	997.48	965.90	1002.90	988.76	2.02	ppb
Calcium	43-1	107649.43	104919.15	113504.73	108691.10	4.04	ppb
Calcium	44-1	103583.88	100839.02	109467.46	104630.12	4.21	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	983.23	1001.74	1023.15	1002.71	1.99	ppb
Cobalt	59-2	998.77	982.91	996.33	992.67	0.86	ppb
Copper	63-2	9914.11	9956.48	9889.09	9919.90	0.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	54-2	52348.79	52670.02	53226.18	52748.33	0.84	ppb
Iron	56-2	51349.00	51127.01	50421.06	50965.69	0.95	ppb
Iron	57-2	52193.16	52684.58	51355.29	52077.68	1.29	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:21:06	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	5048.18	4795.84	5076.88	4973.63	3.11	ppb
Lead	207-1	5014.19	4878.28	5025.49	4972.65	1.65	ppb
Lead	208-1	5055.95	4842.91	5045.39	4981.42	2.41	ppb
Lithium	6-1				107		%
Magnesium	24-2	103391.60	102654.96	102556.23	102867.59	0.44	ppb
Manganese	55-2	9897.09	9871.43	9862.99	9877.17	0.18	ppb
Molybdenum	94-1	10741.01	10765.72	11287.73	10931.49	2.82	ppb
Molybdenum	95-1	10770.67	10602.89	11326.08	10899.88	3.47	ppb
Molybdenum	96-1	10823.05	10829.04	11105.47	10919.19	1.48	ppb
Molybdenum	97-1	10703.69	10790.26	11168.13	10887.36	2.27	ppb
Molybdenum	98-1	10718.25	10569.17	11354.07	10880.50	3.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	997.18	985.57	984.40	989.05	0.71	ppb
Phosphorus	31-2	20040.46	19631.25	19722.88	19798.20	1.08	ppb
Potassium	39-2	50648.30	49398.79	49830.61	49959.23	1.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				104		%
Scandium	45-2				95		%
Selenium	82-1	974.36	983.85	1014.04	990.75	2.09	ppb
Selenium	77-2	984.64	987.21	966.63	979.50	1.14	ppb
Selenium	78-2	994.72	999.63	977.80	990.71	1.16	ppb
Silicon	28-1	963.87	1006.74	1087.68	1019.43	6.17	ppb
Silver	107-1	983.05	941.35	1026.28	983.56	4.32	ppb
Silver	109-1	1013.12	943.08	1006.89	987.70	3.92	ppb
Sodium	23-2	99313.15	98385.43	99436.69	99045.09	0.58	ppb
Strontium	86-1	9729.17	9708.84	10274.73	9904.25	3.24	ppb
Strontium	88-1	9669.72	9875.17	10157.46	9900.78	2.47	ppb
Sulfur	34-1	18055.88	17636.97	19565.17	18419.34	5.51	ppb
Terbium	159-1				113		%
Terbium	159-2				102		%
Thallium	203-1	1000.24	946.90	1036.94	994.69	4.55	ppb
Thallium	205-1	1002.75	954.72	1016.20	991.22	3.26	ppb
Tin	118-1	984.45	955.83	1028.07	989.45	3.68	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:21:06	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	10871.45	10743.31	11031.41	10882.06	1.33	ppb
Uranium	238-1	995.00	976.46	1032.26	1001.24	2.84	ppb
Vanadium	51-2	1016.14	972.25	991.48	993.29	2.21	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	9928.50	9845.74	10109.81	9961.35	1.36	ppb
Zirconium	90-1	977.92	977.05	1020.40	991.79	2.50	ppb
Zirconium	91-1	986.73	971.91	1031.59	996.74	3.12	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99854.75	102035.92	98093.83	99994.83	1.97	ppb
Antimony	121-1	1.08	0.99	0.97	1.01	5.33	ppb
Arsenic	75-2	0.80	0.44	0.42	0.56	38.25	ppb
Barium	135-1	2.56	2.54	2.02	2.37	13.03	ppb
Barium	137-1	2.64	2.39	2.27	2.44	7.83	ppb
Beryllium	9-1	0.44	0.35	0.31	0.37	18.57	ppb
Bismuth	209-1				100		%
Bismuth	209-2				91		%
Boron	10-1	137.29	133.49	121.15	130.64	6.46	ppb
Boron	11-1	143.28	132.61	121.24	132.38	8.33	ppb
Bromine	81-1						cps
Cadmium	111-1	0.31	0.35	0.26	0.31	14.97	ppb
Cadmium	106-1	-0.67	-0.84	0.51	-0.33		ppb
Cadmium	108-1	1.06	0.38	0.83	0.76	46.06	ppb
Calcium	43-1	505719.80	491410.81	495374.18	497501.59	1.49	ppb
Calcium	44-1	499615.12	505226.88	490784.19	498542.07	1.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	1.92	1.78	1.68	1.79	6.72	ppb
Cobalt	59-2	1.69	1.54	1.42	1.55	8.53	ppb
Copper	63-2	4.90	3.62	3.45	3.99	19.84	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				99		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	54-2	243769.15	257369.77	246413.28	249184.07	2.89	ppb
Iron	56-2	246398.41	256400.89	245914.25	249571.18	2.37	ppb
Iron	57-2	251618.65	257667.69	239072.51	249452.95	3.80	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	3.39	3.06	2.93	3.13	7.65	ppb
Lead	207-1	3.40	3.29	2.92	3.21	7.81	ppb
Lead	208-1	3.34	3.15	2.83	3.11	8.36	ppb
Lithium	6-1				103		%
Magnesium	24-2	499799.18	506883.82	490506.06	499063.02	1.65	ppb
Manganese	55-2	7.36	6.91	6.61	6.96	5.46	ppb
Molybdenum	94-1	5.18	4.30	3.93	4.47	14.39	ppb
Molybdenum	95-1	4.28	3.61	3.06	3.65	16.80	ppb
Molybdenum	96-1	6.50	5.71	5.19	5.80	11.37	ppb
Molybdenum	97-1	4.67	3.54	2.95	3.72	23.51	ppb
Molybdenum	98-1	4.36	4.19	2.98	3.84	19.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.59	1.63	1.31	1.51	11.54	ppb
Phosphorus	31-2	10.39	-0.55	-10.20	-0.12		ppb
Potassium	39-2	245370.51	257111.31	247163.50	249881.77	2.53	ppb
Rhodium	103-1				92		%
Rhodium	103-2				88		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	82-1	1.84	-0.13	0.35	0.69	149.27	ppb
Selenium	77-2	2.08	0.89	0.85	1.27	55.22	ppb
Selenium	78-2	-0.69	0.69	0.15	0.05	1383.08	ppb
Silicon	28-1	74.95	75.71	77.40	76.02	1.65	ppb
Silver	107-1	0.41	0.35	0.29	0.35	16.34	ppb
Silver	109-1	0.42	0.35	0.31	0.36	15.26	ppb
Sodium	23-2	498643.21	517774.23	483643.69	500020.37	3.42	ppb
Strontium	86-1	7.88	7.65	7.33	7.62	3.65	ppb
Strontium	88-1	8.93	8.02	7.71	8.22	7.70	ppb
Sulfur	34-1	-1561.33	-1728.98	-1424.22	-1571.51		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.36	0.36	0.33	0.35	4.92	ppb
Thallium	205-1	0.39	0.31	0.31	0.34	14.04	ppb
Tin	118-1	0.47	0.39	0.39	0.42	10.88	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	3.63	2.76	2.53	2.97	19.53	ppb
Uranium	238-1	0.34	0.26	0.25	0.28	18.61	ppb
Vanadium	51-2	0.55	0.49	0.47	0.50	7.98	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	13.67	13.13	12.83	13.21	3.21	ppb
Zirconium	90-1	0.74	0.59	0.58	0.64	13.82	ppb
Zirconium	91-1	0.62	0.68	0.48	0.59	17.12	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICV079 Instrumnet Name : P8
 Client Sample ID : ICV079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:51:18 DataFile Name : 014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	485.56	488.40	478.46	484.14	1.06	ppb
Antimony	121-1	203.00	203.78	204.04	203.61	0.26	ppb
Arsenic	75-2	204.32	203.76	207.22	205.10	0.90	ppb
Barium	135-1	97.86	101.19	101.28	100.11	1.95	ppb
Barium	137-1	102.05	104.16	105.07	103.76	1.49	ppb
Beryllium	9-1	99.42	102.54	103.36	101.77	2.04	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	14.67	15.47	15.44	15.19	2.96	ppb
Boron	11-1	14.31	14.71	15.23	14.75	3.12	ppb
Bromine	81-1						cps
Cadmium	111-1	106.43	110.82	111.56	109.60	2.53	ppb
Cadmium	106-1	93.89	94.66	89.53	92.70	2.98	ppb
Cadmium	108-1	92.54	90.42	91.09	91.35	1.19	ppb
Calcium	43-1	1942.83	1936.40	1983.85	1954.36	1.32	ppb
Calcium	44-1	1959.01	1986.07	2039.07	1994.72	2.04	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	97.27	98.18	97.91	97.79	0.48	ppb
Cobalt	59-2	97.91	98.61	99.73	98.75	0.93	ppb
Copper	63-2	97.42	98.04	96.67	97.38	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	54-2	2061.61	2089.81	2072.55	2074.65	0.69	ppb
Iron	56-2	2014.08	2038.23	2047.56	2033.29	0.85	ppb
Iron	57-2	1991.80	2006.13	1945.68	1981.20	1.59	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICV079	Instrumnet Name :	P8
Client Sample ID :	ICV079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:51:18	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	180.35	198.72	194.81	191.30	5.06	ppb
Lead	207-1	175.40	186.32	190.86	184.19	4.31	ppb
Lead	208-1	180.30	190.60	190.55	187.15	3.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	1132.54	1174.86	1154.13	1153.84	1.83	ppb
Manganese	55-2	99.58	99.27	99.23	99.36	0.19	ppb
Molybdenum	94-1	0.28	0.18	0.29	0.25	24.43	ppb
Molybdenum	95-1	0.08	0.07	0.06	0.07	14.03	ppb
Molybdenum	96-1	0.11	0.12	0.11	0.11	7.12	ppb
Molybdenum	97-1	0.07	0.06	0.10	0.08	26.44	ppb
Molybdenum	98-1	0.08	0.09	0.08	0.08	6.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.90	104.91	102.64	103.82	1.10	ppb
Phosphorus	31-2	-17.15	-1.86	-2.10	-7.03		ppb
Potassium	39-2	1932.99	1950.70	1942.13	1941.94	0.46	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	82-1	216.68	217.56	217.75	217.33	0.26	ppb
Selenium	77-2	193.21	230.72	214.40	212.78	8.84	ppb
Selenium	78-2	217.84	212.26	218.95	216.35	1.66	ppb
Silicon	28-1	-5.80	-4.08	-1.61	-3.83		ppb
Silver	107-1	51.82	52.32	53.65	52.60	1.80	ppb
Silver	109-1	50.57	51.35	52.33	51.41	1.72	ppb
Sodium	23-2	1972.67	1977.60	1957.07	1969.11	0.54	ppb
Strontium	86-1	0.25	0.09	0.35	0.23	57.37	ppb
Strontium	88-1	0.28	0.29	0.29	0.29	0.95	ppb
Sulfur	34-1	-809.37	-736.26	-549.78	-698.47		ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	185.45	188.42	196.17	190.02	2.91	ppb
Thallium	205-1	199.06	211.25	207.60	205.97	3.04	ppb
Tin	118-1	0.09	0.07	0.09	0.08	14.51	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICV079	Instrumnet Name :	P8
Client Sample ID :	ICV079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:51:18	DataFile Name :	014ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.02	0.07	0.03	0.04	65.73	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	51.62	ppb
Vanadium	51-2	97.15	97.76	98.42	97.77	0.65	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	198.31	198.36	198.23	198.30	0.03	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	9.15	ppb
Zirconium	91-1	0.13	0.15	0.15	0.14	7.57	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICB079 Instrumnet Name : P8
 Client Sample ID : ICB079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:55:21 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.49	0.49	0.33	0.44	20.55	ppb
Antimony	121-1	0.13	0.15	0.14	0.14	8.85	ppb
Arsenic	75-2	0.04	0.04	0.05	0.04	21.76	ppb
Barium	135-1	0.06	0.01	0.02	0.03	100.30	ppb
Barium	137-1	0.04	0.04	0.01	0.03	58.28	ppb
Beryllium	9-1	0.06	0.02	0.05	0.05	49.97	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	10.49	11.25	11.48	11.07	4.67	ppb
Boron	11-1	11.88	10.78	12.31	11.66	6.79	ppb
Bromine	81-1						cps
Cadmium	111-1	0.03	0.05	0.00	0.03	81.22	ppb
Cadmium	106-1	-0.45	0.46	-2.14	-0.71		ppb
Cadmium	108-1	-0.20	0.00	-0.06	-0.08		ppb
Calcium	43-1	0.95	0.12	-0.56	0.17	445.09	ppb
Calcium	44-1	3.07	0.79	1.72	1.86	61.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.02	0.01	0.02	0.02	30.95	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	33.18	ppb
Copper	63-2	-0.02	-0.01	0.07	0.01	434.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	54-2	-0.01	0.83	1.75	0.86	102.50	ppb
Iron	56-2	0.39	0.67	0.92	0.66	40.34	ppb
Iron	57-2	1.68	0.97	1.73	1.46	29.37	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICB079	Instrumnet Name :	P8
Client Sample ID :	ICB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:55:21	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.05	0.08	0.09	42.65	ppb
Lead	207-1	0.12	0.07	0.05	0.08	46.07	ppb
Lead	208-1	0.12	0.07	0.07	0.08	36.69	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.14	-0.94	-0.43	-0.50		ppb
Manganese	55-2	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	94-1	0.04	-0.04	0.00	0.00	2795.71	ppb
Molybdenum	95-1	0.04	0.00	0.00	0.01	145.33	ppb
Molybdenum	96-1	0.03	-0.01	0.00	0.01	280.68	ppb
Molybdenum	97-1	0.02	-0.01	0.02	0.01	133.83	ppb
Molybdenum	98-1	0.01	0.01	0.00	0.01	138.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	0.04	0.02	74.45	ppb
Phosphorus	31-2	17.23	-9.24	-23.78	-5.27		ppb
Potassium	39-2	5.32	-1.41	10.28	4.73	124.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	82-1	0.51	0.09	0.37	0.33	64.78	ppb
Selenium	77-2	-0.38	-0.38	1.92	0.39	343.04	ppb
Selenium	78-2	-1.11	-1.71	0.45	-0.79		ppb
Silicon	28-1	-1.68	-3.40	-0.48	-1.86		ppb
Silver	107-1	0.03	0.02	0.03	0.02	22.91	ppb
Silver	109-1	0.07	0.02	0.05	0.05	45.62	ppb
Sodium	23-2	8.46	9.83	11.79	10.03	16.68	ppb
Strontium	86-1	0.01	0.07	0.04	0.04	68.44	ppb
Strontium	88-1	0.02	0.00	0.00	0.01	163.62	ppb
Sulfur	34-1	-269.44	-644.10	-262.92	-392.15		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	0.11	0.06	0.07	0.08	30.74	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	14.43	ppb
Tin	118-1	0.03	0.01	0.01	0.02	68.55	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICB079	Instrumnet Name :	P8
Client Sample ID :	ICB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:55:21	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.08	-0.02	0.05	0.04	134.92	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	154.29	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	79.52	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				102		%
Zinc	66-2	0.14	0.20	0.20	0.18	18.11	ppb
Zirconium	90-1	-0.01	0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.02	0.02	0.00	0.02	79.51	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSA079	Instrumnet Name :	P8
Client Sample ID :	ICSA079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:58:24	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94062.69	97543.89	96341.65	95982.75	1.84	ppb
Antimony	121-1	1.11	1.24	1.13	1.16	6.13	ppb
Arsenic	75-2	0.27	0.35	0.37	0.33	15.97	ppb
Barium	135-1	1.27	1.38	1.42	1.36	5.59	ppb
Barium	137-1	1.41	1.38	1.49	1.43	3.90	ppb
Beryllium	9-1	0.35	0.31	0.31	0.32	7.45	ppb
Bismuth	209-1				103		%
Bismuth	209-2				97		%
Boron	10-1	10.72	11.43	10.24	10.80	5.58	ppb
Boron	11-1	10.60	11.40	10.61	10.87	4.22	ppb
Bromine	81-1						cps
Cadmium	111-1	0.45	0.30	0.34	0.36	21.00	ppb
Cadmium	106-1	1.15	-0.67	-2.26	-0.59		ppb
Cadmium	108-1	10.22	10.87	10.24	10.44	3.53	ppb
Calcium	43-1	97717.28	97128.95	101025.18	98623.80	2.13	ppb
Calcium	44-1	99028.38	98367.76	99310.20	98902.11	0.49	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	18.94	19.97	19.37	19.42	2.67	ppb
Cobalt	59-2	1.08	1.21	1.11	1.13	6.29	ppb
Copper	63-2	6.98	7.21	7.12	7.10	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	54-2	99073.69	103788.73	104622.64	102495.02	2.92	ppb
Iron	56-2	99678.79	106200.06	103100.39	102993.08	3.17	ppb
Iron	57-2	98989.95	106567.81	102638.14	102731.97	3.69	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSA079	Instrumnet Name :	P8
Client Sample ID :	ICSA079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:58:24	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	4.47	4.41	4.43	4.44	0.77	ppb
Lead	207-1	3.81	3.87	4.03	3.90	2.85	ppb
Lead	208-1	4.05	4.08	4.20	4.11	1.91	ppb
Lithium	6-1				106		%
Magnesium	24-2	95923.74	102241.57	99430.12	99198.47	3.19	ppb
Manganese	55-2	7.00	7.85	7.81	7.55	6.37	ppb
Molybdenum	94-1	1600.76	1575.09	1592.16	1589.33	0.82	ppb
Molybdenum	95-1	1921.35	1868.32	1895.64	1895.10	1.40	ppb
Molybdenum	96-1	1895.44	1843.51	1860.86	1866.60	1.42	ppb
Molybdenum	97-1	1982.97	1934.82	1932.29	1950.03	1.46	ppb
Molybdenum	98-1	1958.66	1875.27	1893.25	1909.06	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.35	5.22	5.26	1.47	ppb
Phosphorus	31-2	97519.01	103048.81	101016.91	100528.24	2.78	ppb
Potassium	39-2	95958.85	99951.54	99331.50	98413.96	2.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				107		%
Scandium	45-2				99		%
Selenium	82-1	0.17	1.30	0.92	0.80	72.12	ppb
Selenium	77-2	-0.38	2.06	0.80	0.82	147.79	ppb
Selenium	78-2	-1.19	-1.91	-1.75	-1.62		ppb
Silicon	28-1	13.06	11.00	14.70	12.92	14.36	ppb
Silver	107-1	0.06	0.07	0.08	0.07	12.19	ppb
Silver	109-1	0.10	0.09	0.10	0.10	5.62	ppb
Sodium	23-2	98843.08	103959.34	101111.10	101304.50	2.53	ppb
Strontium	86-1	33.93	33.38	34.04	33.78	1.05	ppb
Strontium	88-1	34.53	34.41	34.51	34.48	0.19	ppb
Sulfur	34-1	91023.22	89156.93	91685.60	90621.92	1.45	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.09	0.11	0.09	16.13	ppb
Thallium	205-1	0.07	0.08	0.10	0.09	17.66	ppb
Tin	118-1	0.15	0.13	0.17	0.15	13.30	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSA079	Instrumnet Name :	P8
Client Sample ID :	ICSA079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:58:24	DataFile Name :	016ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1931.67	1936.08	1981.28	1949.67	1.41	ppb
Uranium	238-1	0.02	0.03	0.02	0.02	30.41	ppb
Vanadium	51-2	0.12	0.18	0.13	0.14	22.39	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	10.76	11.23	10.38	10.79	3.91	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	82.80	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	65.52	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICSAB079 Instrumnet Name : P8
 Client Sample ID : ICSAB079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:01:19 DataFile Name : 017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91956.88	91120.11	94664.12	92580.37	2.00	ppb
Antimony	121-1	21.75	21.74	21.15	21.55	1.58	ppb
Arsenic	75-2	20.64	20.47	20.75	20.62	0.69	ppb
Barium	135-1	21.00	20.61	21.18	20.93	1.38	ppb
Barium	137-1	22.06	21.61	21.46	21.71	1.43	ppb
Beryllium	9-1	19.28	21.09	19.49	19.96	4.97	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	58.70	68.26	62.90	63.29	7.57	ppb
Boron	11-1	60.49	66.85	63.69	63.68	4.99	ppb
Bromine	81-1						cps
Cadmium	111-1	20.29	20.93	20.88	20.70	1.71	ppb
Cadmium	106-1	28.52	27.19	28.33	28.01	2.57	ppb
Cadmium	108-1	33.50	33.80	32.11	33.14	2.73	ppb
Calcium	43-1	102995.49	104558.66	99915.58	102489.91	2.31	ppb
Calcium	44-1	101801.43	102163.60	99942.01	101302.35	1.18	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	37.76	37.15	38.42	37.78	1.68	ppb
Cobalt	59-2	20.47	19.64	20.65	20.26	2.65	ppb
Copper	63-2	25.33	25.48	25.65	25.49	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	54-2	98725.86	97426.99	100646.55	98933.13	1.64	ppb
Iron	56-2	99637.19	100054.46	98607.14	99432.93	0.75	ppb
Iron	57-2	99998.65	99370.35	100078.83	99815.94	0.39	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSAB079	Instrumnet Name :	P8
Client Sample ID :	ICSAB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:01:19	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	24.31	24.35	23.32	23.99	2.45	ppb
Lead	207-1	23.09	23.36	22.21	22.89	2.62	ppb
Lead	208-1	23.43	23.77	22.52	23.24	2.79	ppb
Lithium	6-1				109		%
Magnesium	24-2	94711.06	94152.89	97732.83	95532.26	2.02	ppb
Manganese	55-2	25.48	25.04	25.77	25.43	1.45	ppb
Molybdenum	94-1	1798.95	1770.94	1783.30	1784.40	0.79	ppb
Molybdenum	95-1	2013.22	2000.17	2021.70	2011.70	0.54	ppb
Molybdenum	96-1	2008.67	1967.25	2025.56	2000.49	1.50	ppb
Molybdenum	97-1	2049.80	1981.76	2045.79	2025.78	1.88	ppb
Molybdenum	98-1	2004.69	1982.85	1983.23	1990.26	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.92	23.99	25.59	24.50	3.87	ppb
Phosphorus	31-2	95198.23	95546.10	99754.40	96832.91	2.62	ppb
Potassium	39-2	96246.45	92703.46	94669.27	94539.73	1.88	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				106		%
Scandium	45-2				104		%
Selenium	82-1	19.87	20.78	21.43	20.69	3.79	ppb
Selenium	77-2	17.85	25.74	12.29	18.63	36.31	ppb
Selenium	78-2	17.10	17.92	17.95	17.66	2.72	ppb
Silicon	28-1	60.37	63.60	56.71	60.23	5.73	ppb
Silver	107-1	20.02	19.79	20.06	19.96	0.73	ppb
Silver	109-1	19.09	19.42	19.45	19.32	1.04	ppb
Sodium	23-2	98236.52	99081.55	98521.58	98613.22	0.44	ppb
Strontium	86-1	89.87	91.19	90.72	90.59	0.73	ppb
Strontium	88-1	91.99	93.63	90.05	91.89	1.95	ppb
Sulfur	34-1	93950.01	96377.24	90933.43	93753.56	2.91	ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	19.91	20.63	18.68	19.74	5.00	ppb
Thallium	205-1	20.64	20.15	20.04	20.28	1.58	ppb
Tin	118-1	58.90	58.77	57.76	58.48	1.06	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSAB079	Instrumnet Name :	P8
Client Sample ID :	ICSAB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:01:19	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	2059.49	2066.50	1969.56	2031.85	2.66	ppb
Uranium	238-1	54.03	51.63	50.40	52.02	3.54	ppb
Vanadium	51-2	19.49	19.14	19.90	19.51	1.97	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	29.65	28.32	30.49	29.49	3.72	ppb
Zirconium	90-1	53.44	52.98	54.01	53.48	0.96	ppb
Zirconium	91-1	51.67	52.54	53.30	52.50	1.55	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P8
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:04:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49239.43	49731.86	49976.78	49649.36	0.76	ppb
Antimony	121-1	499.59	496.56	488.47	494.88	1.16	ppb
Arsenic	75-2	503.06	489.82	501.11	498.00	1.43	ppb
Barium	135-1	2564.99	2471.45	2569.13	2535.19	2.18	ppb
Barium	137-1	2584.46	2464.28	2545.86	2531.53	2.42	ppb
Beryllium	9-1	482.40	510.81	508.28	500.50	3.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	457.59	508.70	527.82	498.03	7.29	ppb
Boron	11-1	462.99	503.21	532.62	499.61	7.00	ppb
Bromine	81-1						cps
Cadmium	111-1	508.25	523.26	517.66	516.39	1.47	ppb
Cadmium	106-1	521.16	511.17	515.27	515.86	0.97	ppb
Cadmium	108-1	527.57	518.65	508.82	518.35	1.81	ppb
Calcium	43-1	242902.91	246969.59	257292.19	249054.89	2.98	ppb
Calcium	44-1	247571.02	254859.80	255506.18	252645.66	1.74	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	466.74	462.51	469.15	466.13	0.72	ppb
Cobalt	59-2	500.96	499.38	509.12	503.16	1.04	ppb
Copper	63-2	4827.53	4851.43	4932.81	4870.59	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				109		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	54-2	123227.91	120582.22	126841.34	123550.49	2.54	ppb
Iron	56-2	123994.79	123221.95	123139.83	123452.19	0.38	ppb
Iron	57-2	120335.17	119511.13	123384.16	121076.82	1.69	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P8
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:04:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2356.53	2440.29	2449.26	2415.36	2.12	ppb
Lead	207-1	2417.90	2438.86	2456.06	2437.61	0.78	ppb
Lead	208-1	2389.12	2411.86	2442.87	2414.62	1.12	ppb
Lithium	6-1				105		%
Magnesium	24-2	244748.85	247275.56	250526.12	247516.84	1.17	ppb
Manganese	55-2	4975.32	5005.12	5058.56	5013.00	0.84	ppb
Molybdenum	94-1	5447.40	5469.04	5402.10	5439.51	0.63	ppb
Molybdenum	95-1	5485.35	5504.79	5506.08	5498.74	0.21	ppb
Molybdenum	96-1	5561.40	5563.95	5445.18	5523.51	1.23	ppb
Molybdenum	97-1	5631.37	5579.20	5487.25	5565.94	1.31	ppb
Molybdenum	98-1	5558.40	5518.81	5513.66	5530.29	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.52	493.29	492.51	492.44	0.18	ppb
Phosphorus	31-2	9797.68	9738.66	9826.01	9787.45	0.46	ppb
Potassium	39-2	119020.36	120697.55	122282.70	120666.87	1.35	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				107		%
Scandium	45-2				104		%
Selenium	82-1	522.37	520.53	517.35	520.08	0.49	ppb
Selenium	77-2	496.16	474.56	502.80	491.17	3.01	ppb
Selenium	78-2	503.36	506.74	506.15	505.42	0.36	ppb
Silicon	28-1	489.05	520.57	527.19	512.27	3.98	ppb
Silver	107-1	523.55	537.54	507.96	523.02	2.83	ppb
Silver	109-1	513.82	508.95	510.04	510.94	0.50	ppb
Sodium	23-2	240660.38	243034.75	243591.18	242428.77	0.64	ppb
Strontium	86-1	4942.45	4984.89	4864.76	4930.70	1.24	ppb
Strontium	88-1	4970.44	5076.73	4996.74	5014.64	1.10	ppb
Sulfur	34-1	10246.93	10893.47	10869.38	10669.93	3.44	ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	453.03	491.72	484.84	476.53	4.33	ppb
Thallium	205-1	459.94	492.63	480.41	477.66	3.46	ppb
Tin	118-1	506.69	506.36	502.37	505.14	0.48	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P8
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:04:12	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5329.07	5439.89	5280.90	5349.95	1.52	ppb
Uranium	238-1	485.37	494.61	492.81	490.93	1.00	ppb
Vanadium	51-2	490.30	484.88	488.00	487.72	0.56	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	4646.50	4654.48	4728.15	4676.38	0.96	ppb
Zirconium	90-1	501.80	494.27	497.65	497.91	0.76	ppb
Zirconium	91-1	500.47	487.74	486.44	491.55	1.58	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCB051 Instrumnet Name : P8
 Client Sample ID : CCB051 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:14:43 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.20	1.79	2.00	2.00	10.26	ppb
Antimony	121-1	0.05	0.04	0.06	0.05	19.17	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	54.43	ppb
Barium	135-1	0.02	0.00	0.04	0.02	91.67	ppb
Barium	137-1	0.02	0.04	0.05	0.04	28.64	ppb
Beryllium	9-1	0.04	0.01	0.01	0.02	81.26	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	14.51	14.49	13.70	14.24	3.23	ppb
Boron	11-1	15.07	14.30	14.72	14.70	2.65	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-1.34	-2.40	-2.06	-1.94		ppb
Cadmium	108-1	-0.12	-0.01	-0.05	-0.06		ppb
Calcium	43-1	4.82	3.73	1.84	3.46	43.55	ppb
Calcium	44-1	10.12	9.08	11.41	10.21	11.46	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.04	0.03	-0.04	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	36.75	ppb
Copper	63-2	0.07	0.10	0.13	0.10	31.72	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				104		%
Indium	115-2				99		%
Iron	54-2	3.60	3.61	2.61	3.27	17.63	ppb
Iron	56-2	2.53	2.96	1.65	2.38	28.00	ppb
Iron	57-2	0.69	1.89	0.29	0.96	87.15	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P8
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:14:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.05	0.10	0.08	31.10	ppb
Lead	207-1	0.08	0.05	0.05	0.06	28.57	ppb
Lead	208-1	0.09	0.07	0.07	0.08	17.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	5.72	3.11	4.55	4.46	29.29	ppb
Manganese	55-2	0.05	0.08	0.01	0.05	84.54	ppb
Molybdenum	94-1	0.12	0.18	0.12	0.14	24.10	ppb
Molybdenum	95-1	0.20	0.19	0.11	0.16	30.63	ppb
Molybdenum	96-1	0.20	0.18	0.07	0.15	46.17	ppb
Molybdenum	97-1	0.21	0.18	0.11	0.16	31.56	ppb
Molybdenum	98-1	0.21	0.14	0.10	0.15	35.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.04	0.05	0.04	59.45	ppb
Phosphorus	31-2	-4.39	-1.22	-9.91	-5.17		ppb
Potassium	39-2	9.75	7.63	15.62	11.00	37.64	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	82-1	0.53	1.12	-1.58	0.02	5987.84	ppb
Selenium	77-2	1.92	0.78	-0.38	0.77	148.99	ppb
Selenium	78-2	-1.45	-1.12	-2.38	-1.65		ppb
Silicon	28-1	-10.28	-8.92	-2.71	-7.31		ppb
Silver	107-1	0.00	0.00	-0.01	0.00		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.75	ppb
Sodium	23-2	24.68	23.70	30.28	26.22	13.55	ppb
Strontium	86-1	0.02	0.01	-0.03	0.00		ppb
Strontium	88-1	0.09	0.07	0.06	0.07	19.19	ppb
Sulfur	34-1	-1546.07	-1199.40	-808.87	-1184.78		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.05	0.04	27.66	ppb
Thallium	205-1	0.06	0.05	0.02	0.04	42.24	ppb
Tin	118-1	-0.04	-0.04	-0.03	-0.03		ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P8
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:14:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.05	0.11	0.04	0.06	61.26	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	38.20	ppb
Vanadium	51-2	0.01	0.02	0.01	0.02	33.09	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				104		%
Yttrium	89-2				98		%
Zinc	66-2	0.17	0.20	0.01	0.12	82.29	ppb
Zirconium	90-1	0.00	0.02	0.01	0.01	128.44	ppb
Zirconium	91-1	0.00	0.01	0.02	0.01	111.92	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : PB141172BL Instrumnet Name : P8
 Client Sample ID : PBW172 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:19:43 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	0.16	0.14	0.32	90.58	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	18.40	ppb
Arsenic	75-2	-0.01	0.01	0.01	0.00	244.56	ppb
Barium	135-1	0.00	0.00	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.02	0.02	31.90	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	10.88	10.32	10.66	10.62	2.68	ppb
Boron	11-1	10.35	10.47	11.18	10.67	4.17	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	-0.04	0.01	0.01	774.41	ppb
Cadmium	106-1	0.58	-2.16	-0.17	-0.58		ppb
Cadmium	108-1	-0.24	-0.16	-0.24	-0.21		ppb
Calcium	43-1	-1.43	-1.29	-0.30	-1.01		ppb
Calcium	44-1	5.30	2.68	3.72	3.90	33.81	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	-0.02	-0.04	0.01	-0.01		ppb
Cobalt	59-2	0.01	0.00	-0.01	0.00	937.66	ppb
Copper	63-2	0.03	0.01	0.03	0.02	54.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	54-2	0.42	2.03	0.35	0.93	102.14	ppb
Iron	56-2	0.07	0.16	0.20	0.14	45.77	ppb
Iron	57-2	-0.05	0.17	-0.13	0.00		ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BL	Instrumnet Name :	P8
Client Sample ID :	PBW172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:19:43	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.02	0.04	0.05	0.04	53.47	ppb
Lead	207-1	0.02	0.02	0.05	0.03	55.02	ppb
Lead	208-1	0.01	0.02	0.03	0.02	42.95	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.03	0.34	0.17	0.16	117.05	ppb
Manganese	55-2	0.02	0.02	-0.01	0.01	152.52	ppb
Molybdenum	94-1	0.01	0.02	0.01	0.01	54.78	ppb
Molybdenum	95-1	0.02	0.04	0.03	0.03	23.06	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	205.84	ppb
Molybdenum	97-1	0.04	0.03	0.01	0.02	66.66	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	5.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-1.09	-3.49	-8.17	-4.25		ppb
Potassium	39-2	3.46	3.88	2.28	3.20	25.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	82-1	0.76	0.77	0.41	0.65	31.47	ppb
Selenium	77-2	-0.38	-0.38	-0.38	-0.38		ppb
Selenium	78-2	-0.57	-1.29	-0.68	-0.85		ppb
Silicon	28-1	-7.29	-8.16	-7.07	-7.51		ppb
Silver	107-1	0.01	0.00	0.02	0.01	80.76	ppb
Silver	109-1	0.01	0.01	0.02	0.01	48.44	ppb
Sodium	23-2	17.73	19.64	18.14	18.50	5.44	ppb
Strontium	86-1	-0.15	-0.01	-0.07	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	15.90	ppb
Sulfur	34-1	-943.10	-1250.28	-1136.60	-1109.99		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.04	0.02	102.98	ppb
Thallium	205-1	0.01	0.03	0.02	0.02	61.85	ppb
Tin	118-1	0.00	0.00	-0.02	-0.01		ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BL	Instrumnet Name :	P8
Client Sample ID :	PBW172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:19:43	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	-0.01	-0.08	0.04	-0.02		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	402.17	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	288.36	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				102		%
Yttrium	89-2				100		%
Zinc	66-2	0.08	0.09	0.09	0.09	3.46	ppb
Zirconium	90-1	0.00	-0.01	0.00	0.00		ppb
Zirconium	91-1	0.00	0.02	0.01	0.01	81.54	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BS	Instrumnet Name :	P8
Client Sample ID :	LCS172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:22:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.73	37.48	42.34	39.85	6.10	ppb
Antimony	121-1	3.78	3.69	3.76	3.74	1.31	ppb
Arsenic	75-2	1.83	2.05	2.01	1.96	5.83	ppb
Barium	135-1	18.25	18.52	18.18	18.32	0.99	ppb
Barium	137-1	17.89	18.57	18.28	18.25	1.87	ppb
Beryllium	9-1	1.84	1.94	2.06	1.95	5.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	46.10	48.60	50.66	48.45	4.71	ppb
Boron	11-1	46.15	49.82	52.96	49.64	6.87	ppb
Bromine	81-1						cps
Cadmium	111-1	2.08	2.11	2.17	2.12	2.13	ppb
Cadmium	106-1	2.77	1.53	1.46	1.92	38.31	ppb
Cadmium	108-1	1.68	1.52	1.58	1.60	5.04	ppb
Calcium	43-1	898.24	919.06	936.40	917.90	2.08	ppb
Calcium	44-1	937.48	961.97	933.03	944.16	1.65	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	3.65	3.55	3.57	3.59	1.41	ppb
Cobalt	59-2	1.92	1.93	1.89	1.91	1.29	ppb
Copper	63-2	4.08	3.97	4.15	4.07	2.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	54-2	440.59	439.07	437.04	438.90	0.41	ppb
Iron	56-2	444.66	437.25	435.32	439.07	1.12	ppb
Iron	57-2	440.85	442.07	455.85	446.26	1.87	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BS	Instrumnet Name :	P8
Client Sample ID :	LCS172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:22:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2.03	2.00	2.00	2.01	0.68	ppb
Lead	207-1	2.04	1.94	2.16	2.05	5.39	ppb
Lead	208-1	2.09	1.98	2.03	2.03	2.74	ppb
Lithium	6-1				104		%
Magnesium	24-2	1001.05	957.17	960.69	972.97	2.51	ppb
Manganese	55-2	2.08	1.95	2.24	2.09	7.02	ppb
Molybdenum	94-1	11.83	11.52	11.67	11.67	1.33	ppb
Molybdenum	95-1	9.97	9.52	9.90	9.79	2.47	ppb
Molybdenum	96-1	9.93	9.73	9.91	9.86	1.11	ppb
Molybdenum	97-1	9.76	10.11	9.60	9.82	2.67	ppb
Molybdenum	98-1	9.83	9.78	9.67	9.76	0.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.26	1.96	1.98	2.07	8.07	ppb
Phosphorus	31-2	46.67	29.00	24.97	33.55	34.42	ppb
Potassium	39-2	969.29	945.38	917.85	944.18	2.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	82-1	10.99	10.52	9.92	10.48	5.11	ppb
Selenium	77-2	11.48	5.45	13.43	10.12	41.10	ppb
Selenium	78-2	8.28	9.15	9.45	8.96	6.77	ppb
Silicon	28-1	15.53	16.16	16.75	16.14	3.78	ppb
Silver	107-1	1.86	1.90	2.01	1.92	4.07	ppb
Silver	109-1	1.81	1.88	2.06	1.91	6.77	ppb
Sodium	23-2	994.34	949.01	963.95	969.10	2.38	ppb
Strontium	86-1	2.11	1.75	1.90	1.92	9.55	ppb
Strontium	88-1	1.95	1.94	1.97	1.95	0.57	ppb
Sulfur	34-1	-420.57	-394.17	-527.42	-447.39		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	1.92	1.81	1.69	1.81	6.28	ppb
Thallium	205-1	1.78	1.79	1.86	1.81	2.42	ppb
Tin	118-1	9.55	9.84	9.74	9.71	1.50	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BS	Instrumnet Name :	P8
Client Sample ID :	LCS172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:22:48	DataFile Name :	021LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	9.51	10.13	9.27	9.63	4.63	ppb
Uranium	238-1	1.67	1.69	1.72	1.69	1.60	ppb
Vanadium	51-2	9.75	9.42	9.22	9.46	2.86	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	11.35	10.88	11.85	11.36	4.28	ppb
Zirconium	90-1	1.89	1.82	1.83	1.85	2.17	ppb
Zirconium	91-1	1.89	1.78	1.74	1.80	4.12	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-01	Instrumnet Name :	P8
Client Sample ID :	JDGG4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:25:52	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.45	13.33	12.79	12.86	3.43	ppb
Antimony	121-1	0.04	0.06	0.07	0.06	23.35	ppb
Arsenic	75-2	0.25	0.23	0.25	0.24	4.94	ppb
Barium	135-1	175.44	174.39	183.31	177.71	2.74	ppb
Barium	137-1	186.01	179.47	186.18	183.89	2.08	ppb
Beryllium	9-1	0.05	0.02	0.01	0.02	74.80	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	78.67	77.31	84.28	80.09	4.61	ppb
Boron	11-1	82.39	78.95	89.67	83.67	6.54	ppb
Bromine	81-1						cps
Cadmium	111-1	0.08	0.04	0.07	0.07	30.62	ppb
Cadmium	106-1	0.78	-0.37	1.02	0.48	155.71	ppb
Cadmium	108-1	-0.06	0.17	0.07	0.06	205.53	ppb
Calcium	43-1	77508.97	74060.65	82273.99	77947.87	5.29	ppb
Calcium	44-1	77419.04	74750.69	79748.90	77306.21	3.24	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	2.20	2.07	2.13	2.14	3.00	ppb
Cobalt	59-2	0.09	0.08	0.09	0.08	4.31	ppb
Copper	63-2	0.32	0.34	0.35	0.34	3.58	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				98		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	42.44	38.53	40.14	40.37	4.87	ppb
Iron	56-2	37.59	38.16	37.26	37.67	1.22	ppb
Iron	57-2	84.71	95.61	101.28	93.87	8.97	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-01	Instrumnet Name :	P8
Client Sample ID :	JDGG4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:25:52	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.13	0.07	0.09	0.10	28.41	ppb
Lead	207-1	0.11	0.05	0.09	0.08	33.35	ppb
Lead	208-1	0.11	0.09	0.09	0.10	15.07	ppb
Lithium	6-1				103		%
Magnesium	24-2	21160.68	21268.13	20805.98	21078.26	1.15	ppb
Manganese	55-2	54.80	55.00	56.33	55.38	1.50	ppb
Molybdenum	94-1	0.43	0.32	0.34	0.36	16.30	ppb
Molybdenum	95-1	0.34	0.34	0.38	0.35	6.45	ppb
Molybdenum	96-1	0.35	0.33	0.37	0.35	6.73	ppb
Molybdenum	97-1	0.39	0.24	0.34	0.32	22.90	ppb
Molybdenum	98-1	0.35	0.28	0.35	0.33	13.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.04	2.78	2.83	2.88	4.82	ppb
Phosphorus	31-2	29.98	57.15	12.04	33.06	68.71	ppb
Potassium	39-2	1635.44	1631.52	1642.67	1636.54	0.35	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	82-1	0.54	1.82	1.61	1.32	51.68	ppb
Selenium	77-2	0.80	-0.38	-0.38	0.01	5049.80	ppb
Selenium	78-2	-1.83	-2.72	-2.53	-2.36		ppb
Silicon	28-1	13632.69	12959.11	14505.05	13698.95	5.66	ppb
Silver	107-1	0.00	0.01	0.00	0.00	140.87	ppb
Silver	109-1	0.02	0.01	0.00	0.01	78.30	ppb
Sodium	23-2	12620.07	12650.96	12427.84	12566.29	0.96	ppb
Strontium	86-1	322.53	316.21	335.31	324.68	3.00	ppb
Strontium	88-1	331.64	318.07	343.49	331.06	3.84	ppb
Sulfur	34-1	15959.98	14807.61	17376.31	16047.97	8.02	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.01	0.00	0.01	127.17	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.67	ppb
Tin	118-1	0.68	0.67	0.80	0.72	9.55	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-01	Instrumnet Name :	P8
Client Sample ID :	JDGG4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:25:52	DataFile Name :	022AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	1.55	1.17	1.56	1.43	15.79	ppb
Uranium	238-1	1.82	1.63	1.77	1.74	5.81	ppb
Vanadium	51-2	1.13	1.11	1.09	1.11	2.06	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	1.80	1.46	1.79	1.68	11.72	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	35.78	ppb
Zirconium	91-1	0.01	0.04	-0.01	0.01	180.58	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02	Instrumnet Name :	P8
Client Sample ID :	JDGG5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:28:50	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	1.68	1.81	1.71	5.66	ppb
Antimony	121-1	0.02	0.01	0.01	0.01	61.99	ppb
Arsenic	75-2	1.27	1.26	1.12	1.22	6.71	ppb
Barium	135-1	7.38	8.37	7.91	7.89	6.31	ppb
Barium	137-1	7.37	8.96	8.16	8.17	9.73	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	53.39	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	19.38	19.34	18.98	19.23	1.13	ppb
Boron	11-1	19.84	19.88	18.39	19.37	4.38	ppb
Bromine	81-1						cps
Cadmium	111-1	-0.01	0.13	0.04	0.05	134.25	ppb
Cadmium	106-1	-1.84	2.17	0.15	0.16	1230.17	ppb
Cadmium	108-1	0.83	0.50	0.43	0.59	36.65	ppb
Calcium	43-1	26523.52	28963.02	27951.07	27812.54	4.41	ppb
Calcium	44-1	27187.14	29428.26	28086.35	28233.92	3.99	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.31	0.32	0.36	0.33	8.75	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	62.24	ppb
Copper	63-2	13.92	13.76	13.94	13.87	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	54-2	5.70	3.54	5.03	4.76	23.30	ppb
Iron	56-2	4.36	4.38	4.03	4.26	4.56	ppb
Iron	57-2	24.89	23.65	21.21	23.25	8.06	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02	Instrumnet Name :	P8
Client Sample ID :	JDGG5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:28:50	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.19	0.22	0.18	0.20	9.49	ppb
Lead	207-1	0.19	0.20	0.20	0.20	5.11	ppb
Lead	208-1	0.21	0.22	0.20	0.21	3.10	ppb
Lithium	6-1				102		%
Magnesium	24-2	5312.48	5073.29	5271.42	5219.06	2.45	ppb
Manganese	55-2	0.93	1.00	1.04	0.99	5.43	ppb
Molybdenum	94-1	63.20	72.43	67.70	67.77	6.81	ppb
Molybdenum	95-1	76.09	88.97	80.96	82.01	7.93	ppb
Molybdenum	96-1	76.20	83.40	79.74	79.78	4.52	ppb
Molybdenum	97-1	79.34	86.89	84.74	83.66	4.65	ppb
Molybdenum	98-1	78.32	87.72	82.68	82.91	5.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.10	0.06	0.08	29.79	ppb
Phosphorus	31-2	8.36	30.10	20.27	19.57	55.62	ppb
Potassium	39-2	950.52	912.16	963.85	942.18	2.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	82-1	1.12	1.45	0.42	1.00	52.41	ppb
Selenium	77-2	0.82	2.00	0.80	1.21	56.93	ppb
Selenium	78-2	-0.41	-2.85	0.01	-1.08		ppb
Silicon	28-1	8314.18	9266.69	8719.59	8766.82	5.45	ppb
Silver	107-1	0.00	0.00	0.00	0.00	107.78	ppb
Silver	109-1	0.00	0.00	0.00	0.00	151.44	ppb
Sodium	23-2	12848.84	12377.28	12825.76	12683.96	2.10	ppb
Strontium	86-1	155.06	174.76	162.99	164.27	6.03	ppb
Strontium	88-1	155.64	177.30	164.23	165.72	6.58	ppb
Sulfur	34-1	1295.97	1960.56	1360.60	1539.04	23.81	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.02	-0.01	-0.01		ppb
Thallium	205-1	-0.02	-0.01	0.00	-0.01		ppb
Tin	118-1	0.03	0.06	0.03	0.04	50.00	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02	Instrumnet Name :	P8
Client Sample ID :	JDGG5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:28:50	DataFile Name :	023AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.62	0.54	0.68	0.61	10.78	ppb
Uranium	238-1	35.16	37.65	35.63	36.15	3.67	ppb
Vanadium	51-2	4.36	4.11	4.12	4.20	3.39	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	84.11	83.86	86.65	84.87	1.82	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	132.61	ppb
Zirconium	91-1	0.02	0.01	0.01	0.02	39.57	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-03	Instrumnet Name :	P8
Client Sample ID :	JDGG5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:31:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	1.85	1.61	1.71	7.35	ppb
Antimony	121-1	0.01	0.02	0.03	0.02	69.71	ppb
Arsenic	75-2	1.23	1.22	1.00	1.15	11.17	ppb
Barium	135-1	7.70	8.60	8.04	8.11	5.59	ppb
Barium	137-1	7.26	8.18	8.53	7.99	8.20	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	230.62	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	13.20	12.50	13.60	13.10	4.22	ppb
Boron	11-1	13.95	13.21	13.58	13.58	2.72	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.07	0.02	0.05	52.59	ppb
Cadmium	106-1	-0.06	2.23	-0.50	0.56	262.63	ppb
Cadmium	108-1	0.30	0.77	0.25	0.44	63.76	ppb
Calcium	43-1	26693.90	27367.87	28587.38	27549.72	3.48	ppb
Calcium	44-1	26647.82	27544.02	28411.48	27534.44	3.20	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.30	0.35	0.33	0.32	8.20	ppb
Cobalt	59-2	0.01	0.00	0.00	0.01	75.48	ppb
Copper	63-2	13.37	13.69	13.54	13.54	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	54-2	3.09	3.66	5.09	3.95	26.16	ppb
Iron	56-2	4.14	4.26	3.82	4.07	5.63	ppb
Iron	57-2	20.50	27.78	27.92	25.40	16.70	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-03	Instrumnet Name :	P8
Client Sample ID :	JDGG5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:31:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.20	0.18	0.19	0.19	6.08	ppb
Lead	207-1	0.22	0.20	0.19	0.20	7.15	ppb
Lead	208-1	0.20	0.21	0.19	0.20	6.44	ppb
Lithium	6-1				102		%
Magnesium	24-2	5068.81	5170.50	5215.46	5151.59	1.46	ppb
Manganese	55-2	0.69	0.84	0.82	0.79	10.45	ppb
Molybdenum	94-1	69.05	68.29	68.54	68.63	0.56	ppb
Molybdenum	95-1	79.66	83.20	80.80	81.22	2.23	ppb
Molybdenum	96-1	80.35	80.93	81.20	80.83	0.54	ppb
Molybdenum	97-1	85.18	82.82	83.67	83.89	1.42	ppb
Molybdenum	98-1	83.09	81.12	84.06	82.76	1.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.02	0.04	47.03	ppb
Phosphorus	31-2	37.79	15.59	38.02	30.47	42.28	ppb
Potassium	39-2	927.71	950.82	951.60	943.38	1.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	0.16	0.07	0.55	0.26	97.73	ppb
Selenium	77-2	-0.38	0.82	-0.38	0.02	3703.67	ppb
Selenium	78-2	-0.95	-0.73	0.53	-0.38		ppb
Silicon	28-1	8247.06	8374.51	8699.60	8440.39	2.76	ppb
Silver	107-1	0.01	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.01	0.00	0.00	373.12	ppb
Sodium	23-2	12327.88	12900.98	12579.33	12602.73	2.28	ppb
Strontium	86-1	163.90	165.29	169.67	166.29	1.81	ppb
Strontium	88-1	163.55	168.13	170.29	167.32	2.06	ppb
Sulfur	34-1	187.66	615.91	1252.91	685.49	78.19	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	-0.03	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.06	0.05	0.06	0.06	10.90	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-03	Instrumnet Name :	P8
Client Sample ID :	JDGG5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:31:50	DataFile Name :	024AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.68	0.54	0.57	0.59	12.38	ppb
Uranium	238-1	34.80	34.97	36.12	35.30	2.03	ppb
Vanadium	51-2	4.19	4.20	4.25	4.22	0.74	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	81.66	84.44	84.55	83.55	1.96	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	183.01	ppb
Zirconium	91-1	0.02	0.03	0.00	0.02	95.62	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.14	0.60	0.55	0.43	58.73	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	0.30	0.20	0.21	0.23	24.35	ppb
Barium	135-1	1.49	1.52	1.56	1.52	2.19	ppb
Barium	137-1	1.75	1.58	1.44	1.59	9.76	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	18.38	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	9.48	9.43	7.99	8.97	9.42	ppb
Boron	11-1	9.17	9.13	8.58	8.96	3.66	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.04	0.00	0.02	100.25	ppb
Cadmium	106-1	0.55	0.72	-0.25	0.34	152.04	ppb
Cadmium	108-1	-0.11	0.14	0.17	0.07	227.57	ppb
Calcium	43-1	5527.37	5535.25	5492.35	5518.33	0.41	ppb
Calcium	44-1	5708.15	5751.57	5680.73	5713.48	0.63	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.05	0.06	0.03	0.05	37.60	ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	101.16	ppb
Copper	63-2	2.63	2.66	2.87	2.72	4.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	54-2	0.79	0.62	1.03	0.81	25.70	ppb
Iron	56-2	0.62	0.66	0.66	0.65	3.53	ppb
Iron	57-2	4.05	6.26	3.98	4.77	27.22	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.03	0.02	0.03	0.03	26.65	ppb
Lead	207-1	0.04	0.06	0.04	0.04	23.02	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.72	ppb
Lithium	6-1				104		%
Magnesium	24-2	972.92	1004.16	985.72	987.60	1.59	ppb
Manganese	55-2	0.17	0.11	0.14	0.14	19.68	ppb
Molybdenum	94-1	13.83	12.89	12.86	13.19	4.19	ppb
Molybdenum	95-1	16.15	15.14	16.02	15.77	3.48	ppb
Molybdenum	96-1	15.71	14.69	15.64	15.34	3.72	ppb
Molybdenum	97-1	16.56	15.89	15.75	16.07	2.70	ppb
Molybdenum	98-1	16.20	15.04	15.74	15.66	3.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.04	0.02	92.77	ppb
Phosphorus	31-2	-1.08	15.92	-7.75	2.37	516.13	ppb
Potassium	39-2	168.94	189.72	172.27	176.98	6.31	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	82-1	-0.31	0.95	0.30	0.31	201.80	ppb
Selenium	77-2	1.95	0.80	-0.38	0.79	147.30	ppb
Selenium	78-2	-1.20	-1.31	-1.29	-1.26		ppb
Silicon	28-1	1683.01	1758.25	1706.07	1715.77	2.25	ppb
Silver	107-1	0.00	-0.01	-0.01	-0.01		ppb
Silver	109-1	0.00	0.00	0.00	0.00	142.59	ppb
Sodium	23-2	2416.06	2541.90	2487.55	2481.84	2.54	ppb
Strontium	86-1	31.60	30.48	31.68	31.25	2.14	ppb
Strontium	88-1	32.65	30.68	31.71	31.68	3.10	ppb
Sulfur	34-1	-1155.61	-870.74	-789.84	-938.73		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.00	-0.03	-0.01		ppb
Thallium	205-1	-0.01	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.01	-0.02	0.00	-0.01		ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.07	0.18	0.07	0.11	56.82	ppb
Uranium	238-1	6.99	6.56	6.78	6.78	3.23	ppb
Vanadium	51-2	0.80	0.73	0.81	0.78	5.38	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	16.63	16.91	15.10	16.22	6.02	ppb
Zirconium	90-1	-0.01	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	0.03	0.02	0.01	126.44	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2008.95	1948.79	1995.22	1984.32	1.59	ppb
Antimony	121-1	104.30	104.59	105.09	104.66	0.38	ppb
Arsenic	75-2	43.77	42.74	42.73	43.08	1.39	ppb
Barium	135-1	2092.65	2011.80	2164.80	2089.75	3.66	ppb
Barium	137-1	2140.84	1995.92	2234.41	2123.72	5.66	ppb
Beryllium	9-1	50.99	51.37	51.64	51.34	0.63	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	7.76	8.37	9.31	8.48	9.22	ppb
Boron	11-1	8.26	8.65	8.44	8.45	2.32	ppb
Bromine	81-1						cps
Cadmium	111-1	54.47	52.75	56.58	54.60	3.51	ppb
Cadmium	106-1	44.20	41.59	42.81	42.86	3.05	ppb
Cadmium	108-1	44.90	45.07	46.22	45.40	1.58	ppb
Calcium	43-1	29819.81	29981.66	29473.02	29758.16	0.87	ppb
Calcium	44-1	29816.38	30527.02	30718.63	30354.01	1.57	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	201.37	197.53	198.52	199.14	1.00	ppb
Cobalt	59-2	530.95	521.80	515.55	522.77	1.48	ppb
Copper	63-2	269.16	259.92	260.54	263.21	1.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	54-2	1245.29	1183.19	1208.73	1212.40	2.57	ppb
Iron	56-2	1065.50	1042.16	1058.02	1055.22	1.13	ppb
Iron	57-2	1083.02	1052.70	1035.90	1057.21	2.26	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	18.05	18.64	18.37	18.35	1.61	ppb
Lead	207-1	18.84	18.71	19.31	18.95	1.67	ppb
Lead	208-1	18.58	18.59	18.74	18.63	0.49	ppb
Lithium	6-1				100		%
Magnesium	24-2	5605.18	5535.94	5548.82	5563.31	0.66	ppb
Manganese	55-2	498.89	492.92	494.28	495.36	0.63	ppb
Molybdenum	94-1	74.54	70.73	73.59	72.95	2.72	ppb
Molybdenum	95-1	88.39	88.08	87.05	87.84	0.80	ppb
Molybdenum	96-1	89.37	85.00	84.86	86.41	2.96	ppb
Molybdenum	97-1	90.81	87.68	90.76	89.75	1.99	ppb
Molybdenum	98-1	90.53	86.83	90.51	89.29	2.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	527.65	526.00	517.98	523.88	0.99	ppb
Phosphorus	31-2	21.62	47.75	79.44	49.60	58.38	ppb
Potassium	39-2	1029.61	1000.89	1022.97	1017.82	1.48	ppb
Rhodium	103-1				96		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	82-1	105.41	100.71	103.25	103.12	2.28	ppb
Selenium	77-2	94.82	92.52	123.66	103.67	16.74	ppb
Selenium	78-2	104.41	96.60	94.75	98.59	5.20	ppb
Silicon	28-1	9548.23	9516.13	9166.09	9410.15	2.25	ppb
Silver	107-1	65.20	66.17	69.28	66.88	3.19	ppb
Silver	109-1	65.21	64.61	67.12	65.65	2.00	ppb
Sodium	23-2	13738.17	13505.10	13530.84	13591.37	0.94	ppb
Strontium	86-1	177.27	172.50	177.50	175.76	1.61	ppb
Strontium	88-1	174.65	173.97	176.92	175.18	0.88	ppb
Sulfur	34-1	2244.50	2019.59	1668.95	1977.68	14.67	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	47.53	44.89	46.55	46.32	2.88	ppb
Thallium	205-1	47.91	47.37	47.83	47.70	0.62	ppb
Tin	118-1	0.37	0.36	0.40	0.38	5.27	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.59	0.63	0.65	0.62	4.67	ppb
Uranium	238-1	38.20	36.59	36.55	37.11	2.54	ppb
Vanadium	51-2	516.73	510.23	500.87	509.28	1.57	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				96		%
Yttrium	89-2				97		%
Zinc	66-2	602.40	592.48	589.88	594.92	1.11	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	126.08	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	15.85	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:53:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50371.71	50050.53	50425.14	50282.46	0.40	ppb
Antimony	121-1	486.55	487.07	496.65	490.09	1.16	ppb
Arsenic	75-2	506.55	494.73	502.62	501.30	1.20	ppb
Barium	135-1	2442.23	2459.69	2582.31	2494.75	3.06	ppb
Barium	137-1	2477.42	2526.29	2538.67	2514.12	1.29	ppb
Beryllium	9-1	500.56	518.27	485.78	501.54	3.24	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	456.82	508.30	497.82	487.65	5.58	ppb
Boron	11-1	467.34	512.11	487.93	489.13	4.58	ppb
Bromine	81-1						cps
Cadmium	111-1	518.66	515.02	522.34	518.68	0.71	ppb
Cadmium	106-1	519.27	516.64	523.99	519.97	0.72	ppb
Cadmium	108-1	520.44	518.60	533.03	524.02	1.50	ppb
Calcium	43-1	252911.63	249156.05	250981.56	251016.41	0.75	ppb
Calcium	44-1	253297.17	245799.95	252900.64	250665.92	1.68	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	475.46	466.89	464.23	468.86	1.25	ppb
Cobalt	59-2	509.41	500.06	494.14	501.20	1.54	ppb
Copper	63-2	4934.97	4809.94	4888.38	4877.76	1.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	54-2	122306.26	122382.36	122220.67	122303.10	0.07	ppb
Iron	56-2	124974.29	122397.47	122269.77	123213.84	1.24	ppb
Iron	57-2	124225.66	122260.65	121039.58	122508.63	1.31	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:53:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	2541.09	2663.94	2552.74	2585.92	2.62	ppb
Lead	207-1	2500.59	2529.45	2567.23	2532.42	1.32	ppb
Lead	208-1	2495.91	2519.09	2551.52	2522.17	1.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	253185.42	250705.45	249585.50	251158.79	0.73	ppb
Manganese	55-2	5083.60	4953.37	4987.78	5008.25	1.35	ppb
Molybdenum	94-1	5662.96	5506.45	5622.43	5597.28	1.45	ppb
Molybdenum	95-1	5753.80	5333.62	5595.13	5560.85	3.82	ppb
Molybdenum	96-1	5717.74	5305.38	5612.08	5545.07	3.86	ppb
Molybdenum	97-1	5621.90	5429.85	5619.58	5557.11	1.98	ppb
Molybdenum	98-1	5616.16	5459.94	5485.54	5520.54	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	497.42	489.03	495.45	493.97	0.89	ppb
Phosphorus	31-2	10162.00	9857.93	9669.36	9896.43	2.51	ppb
Potassium	39-2	120761.97	120242.78	122199.92	121068.22	0.84	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	82-1	528.23	516.58	526.37	523.73	1.20	ppb
Selenium	77-2	521.88	526.34	565.29	537.84	4.44	ppb
Selenium	78-2	530.13	505.91	514.99	517.01	2.37	ppb
Silicon	28-1	478.31	502.83	566.15	515.77	8.79	ppb
Silver	107-1	507.00	515.45	527.64	516.70	2.01	ppb
Silver	109-1	513.61	500.64	519.67	511.31	1.90	ppb
Sodium	23-2	250231.59	244379.25	246937.19	247182.68	1.19	ppb
Strontium	86-1	4911.75	4926.75	5033.48	4957.33	1.34	ppb
Strontium	88-1	5019.88	4901.16	5042.66	4987.90	1.52	ppb
Sulfur	34-1	12400.85	12054.60	12930.26	12461.90	3.54	ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	514.03	509.99	521.93	515.32	1.18	ppb
Thallium	205-1	518.49	527.09	533.61	526.40	1.44	ppb
Tin	118-1	494.54	499.73	508.77	501.01	1.44	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:53:00	DataFile Name :	029CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	5464.32	5286.58	5435.11	5395.34	1.77	ppb
Uranium	238-1	493.17	497.30	524.78	505.08	3.40	ppb
Vanadium	51-2	501.58	485.72	487.44	491.58	1.77	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	4744.60	4693.63	4650.44	4696.23	1.00	ppb
Zirconium	90-1	508.33	496.76	498.70	501.27	1.24	ppb
Zirconium	91-1	495.45	484.12	505.20	494.92	2.13	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCB052 Instrumnet Name : P8
 Client Sample ID : CCB052 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:59:07 DataFile Name : 030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.66	0.82	0.49	0.66	25.45	ppb
Antimony	121-1	0.06	0.08	0.09	0.08	19.72	ppb
Arsenic	75-2	0.00	0.04	0.00	0.01	156.14	ppb
Barium	135-1	0.11	0.07	0.07	0.08	29.74	ppb
Barium	137-1	0.09	0.04	0.01	0.05	79.89	ppb
Beryllium	9-1	0.03	0.04	0.03	0.03	22.27	ppb
Bismuth	209-1				106		%
Bismuth	209-2				102		%
Boron	10-1	14.24	14.33	12.86	13.81	5.98	ppb
Boron	11-1	14.98	14.23	12.98	14.07	7.19	ppb
Bromine	81-1						cps
Cadmium	111-1	0.04	0.01	-0.05	0.00	5695.69	ppb
Cadmium	106-1	-1.01	-0.82	-3.23	-1.69		ppb
Cadmium	108-1	-0.12	-0.24	-0.12	-0.16		ppb
Calcium	43-1	8.85	5.24	3.04	5.71	51.36	ppb
Calcium	44-1	13.19	10.56	9.27	11.01	18.14	ppb
Carbon	12-1						cps
Carbon	12-2						cps
Chlorine	35-1						cps
Chlorine	35-2						cps
Chromium	52-2	0.00	-0.01	-0.05	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.01	0.00	192.37	ppb
Copper	63-2	0.10	0.11	0.12	0.11	9.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	54-2	2.77	2.81	0.48	2.02	66.21	ppb
Iron	56-2	1.58	1.59	1.71	1.63	4.19	ppb
Iron	57-2	-0.47	2.64	1.43	1.20	130.19	ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:59:07	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Krypton	83-1						cps
Lead	206-1	0.09	0.10	0.07	0.09	22.17	ppb
Lead	207-1	0.07	0.06	0.04	0.06	22.96	ppb
Lead	208-1	0.10	0.09	0.07	0.09	16.73	ppb
Lithium	6-1				106		%
Magnesium	24-2	5.01	3.21	4.30	4.17	21.66	ppb
Manganese	55-2	0.08	0.10	0.02	0.06	65.25	ppb
Molybdenum	94-1	0.24	0.24	0.13	0.20	31.88	ppb
Molybdenum	95-1	0.29	0.18	0.12	0.20	42.84	ppb
Molybdenum	96-1	0.27	0.17	0.18	0.21	28.44	ppb
Molybdenum	97-1	0.26	0.21	0.14	0.20	30.15	ppb
Molybdenum	98-1	0.31	0.16	0.13	0.20	48.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	161.08	ppb
Phosphorus	31-2	-19.66	15.53	7.59	1.16	1596.68	ppb
Potassium	39-2	4.10	10.25	7.02	7.12	43.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	82-1	-0.06	0.14	-0.58	-0.17		ppb
Selenium	77-2	0.79	-0.38	-0.38	0.01	6050.67	ppb
Selenium	78-2	-1.96	-1.85	-0.71	-1.51		ppb
Silicon	28-1	-5.99	-6.45	-4.27	-5.57		ppb
Silver	107-1	0.02	0.03	0.02	0.02	25.16	ppb
Silver	109-1	0.02	0.04	0.01	0.03	52.43	ppb
Sodium	23-2	25.98	25.21	27.86	26.35	5.17	ppb
Strontium	86-1	0.12	0.03	-0.02	0.04	159.50	ppb
Strontium	88-1	0.17	0.15	0.07	0.13	39.14	ppb
Sulfur	34-1	-441.31	-685.21	-345.86	-490.79		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.03	0.03	0.05	0.03	43.63	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	35.02	ppb
Tin	118-1	-0.01	0.00	-0.02	-0.01		ppb

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:59:07	DataFile Name :	030CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Titanium	47-1	0.16	0.16	0.06	0.13	44.41	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	68.39	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	49.99	ppb
Ytterbium	172-1						cps
Ytterbium	172-2						cps
Ytterbium	176-1						cps
Ytterbium	176-2						cps
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	0.22	0.23	0.16	0.20	18.44	ppb
Zirconium	90-1	0.01	0.01	0.02	0.01	61.52	ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	31.55	ppb

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : TUNE Instrumnet Name : P8
 Client Sample ID : TUNE079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 12:12:02 DataFile Name : 001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	120	122	130	124	4.19	cps
Antimony	121-1	533	500	433	489	10.42	cps
Arsenic	75-2	48	36	37	40	16.52	cps
Barium	135-1	58	67	50	58	14.29	cps
Barium	137-1	92	125	200	139	39.95	cps
Beryllium	9-1	352	278	320	317	11.72	cps
Bismuth	209-1	3973556	3959953	3969335	3967615	0.18	cps
Bismuth	209-2	2611827	2606555	2534963	2584448	1.66	cps
Boron	10-1	1684	1692	1566	1647	4.28	cps
Boron	11-1	7745	7993	7835	7857	1.60	cps
Bromine	81-1	20486	19704	20897	20363	2.98	cps
Cadmium	111-1	808	723	722	751	6.55	cps
Cadmium	106-1	4159	3809	3659	3876	6.62	cps
Cadmium	108-1	308	383	329	340	11.38	cps
Calcium	43-1	315	265	302	294	8.85	cps
Calcium	44-1	25247	24696	24519	24820	1.53	cps
Carbon	12-1	4188259	4186372	4271643	4215424	1.16	cps
Carbon	12-2	39370	37849	39086	38769	2.09	cps
Chlorine	35-1	3541463	3434242	3249315	3408340	4.34	cps
Chlorine	35-2	17152	16602	16493	16749	2.11	cps
Chromium	52-2	880	907	780	856	7.81	cps
Cobalt	59-2	113	167	123	134	21.09	cps
Copper	63-2	840	757	747	781	6.56	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	58	33	100	64	52.72	cps
Erbium	164-2	23	23	30	26	15.07	cps
Gadolinium	160-1	17	50	58	42	52.91	cps
Gadolinium	160-2	43	37	67	49	32.22	cps
Holmium	165-1	7325437	7456827	7195440	7325902	1.78	cps
Holmium	165-2	3787770	3778423	3659688	3741960	1.91	cps
Indium	115-1	7392837	7875530	7589817	7619395	3.19	cps
Indium	115-2	1121850	1122366	1100394	1114870	1.12	cps
Iron	54-2	417	500	517	478	11.21	cps
Iron	56-2	5473	5051	4873	5132	6.01	cps
Iron	57-2	256	244	261	254	3.35	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:12:02	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1050	1050	1037	1046	0.74	cps
Lead	206-1	856	850	844	850	0.65	cps
Lead	207-1	883	644	678	735	17.60	cps
Lead	208-1	3761	3289	3334	3461	7.53	cps
Lithium	6-1	2877829	2997907	2926229	2933988	2.06	cps
Magnesium	24-2	850	725	967	847	14.27	cps
Manganese	55-2	137	103	113	118	14.53	cps
Molybdenum	94-1	850	842	925	872	5.26	cps
Molybdenum	95-1	967	975	908	950	3.82	cps
Molybdenum	96-1	1200	1200	1050	1150	7.53	cps
Molybdenum	97-1	475	708	567	583	20.15	cps
Molybdenum	98-1	1625	1483	1175	1428	16.12	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	153	157	120	143	14.15	cps
Phosphorus	31-2	58	42	75	58	28.57	cps
Potassium	39-2	16752	17519	17160	17144	2.24	cps
Rhodium	103-1	7316209	7405878	7414521	7378869	0.74	cps
Rhodium	103-2	3424529	3586010	3344331	3451623	3.57	cps
Scandium	45-1	6219805	6477370	6281249	6326141	2.13	cps
Scandium	45-2	175197	177330	174108	175545	0.93	cps
Selenium	82-1	-10	-73	-51	-45	-71.31	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	65	46	54	55	17.35	cps
Silicon	28-1	643490	653080	648633	648401	0.74	cps
Silver	107-1	158	142	167	156	8.18	cps
Silver	109-1	158	133	75	122	34.99	cps
Sodium	23-2	10763	10604	10879	10749	1.28	cps
Strontium	86-1	1850	1467	1809	1708	12.31	cps
Strontium	88-1	1342	1142	1308	1264	8.48	cps
Sulfur	34-1	435104	423814	430242	429720	1.32	cps
Terbium	159-1	8092665	8031160	8035947	8053257	0.42	cps
Terbium	159-2	3759222	3840702	3719641	3773188	1.64	cps
Thallium	203-1	3626	3667	2767	3353	15.15	cps
Thallium	205-1	8295	7994	7669	7986	3.92	cps
Tin	118-1	775	625	717	706	10.72	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	TUNE	Instrumnet Name :	P8
Client Sample ID :	TUNE079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:12:02	DataFile Name :	001SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	275	333	233	281	17.90	cps
Uranium	238-1	408	383	392	394	3.23	cps
Vanadium	51-2	50	30	27	36	35.49	cps
Ytterbium	172-1	92	108	75	92	18.18	cps
Ytterbium	172-2	28	17	50	31	53.90	cps
Ytterbium	176-1	1242	1158	825	1075	20.51	cps
Ytterbium	176-2	4412	4984	4595	4664	6.27	cps
Yttrium	89-1	12495291	12430688	12137158	12354379	1.54	cps
Yttrium	89-2	1253571	1256089	1242834	1250831	0.56	cps
Zinc	66-2	223	143	137	168	28.74	cps
Zirconium	90-1	950	867	858	892	5.69	cps
Zirconium	91-1	150	117	217	161	31.60	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	109	74	92	19.11	cps
Antimony	121-1	67	92	92	83	17.32	cps
Arsenic	75-2	2	4	7	4	58.08	cps
Barium	135-1	8	33	25	22	57.29	cps
Barium	137-1	42	50	25	39	32.73	cps
Beryllium	9-1	70	82	64	72	12.72	cps
Bismuth	209-1	3928955	3922017	4023258	3958077	1.43	cps
Bismuth	209-2	2532381	2585470	2526921	2548257	1.27	cps
Boron	10-1	330	402	362	365	9.89	cps
Boron	11-1	1638	1882	1786	1768	6.95	cps
Bromine	81-1	20135	20546	21378	20687	3.06	cps
Cadmium	111-1	565	560	577	567	1.51	cps
Cadmium	106-1	2825	2809	2859	2831	0.90	cps
Cadmium	108-1	42	50	17	36	48.03	cps
Calcium	43-1	231	212	212	219	4.95	cps
Calcium	44-1	22336	21743	22132	22070	1.37	cps
Carbon	12-1	4225766	4258872	4366001	4283546	1.71	cps
Carbon	12-2	40197	40975	41543	40905	1.65	cps
Chlorine	35-1	508539	522938	510345	513940	1.53	cps
Chlorine	35-2	2692	2867	2934	2831	4.41	cps
Chromium	52-2	743	873	890	836	9.61	cps
Cobalt	59-2	63	30	50	48	35.11	cps
Copper	63-2	523	513	520	519	0.98	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	42	67	53	24.12	cps
Erbium	164-2	20	17	13	17	20.01	cps
Gadolinium	160-1	58	50	42	50	16.66	cps
Gadolinium	160-2	67	40	67	58	26.65	cps
Holmium	165-1	7339726	7429677	7435719	7401707	0.73	cps
Holmium	165-2	3663493	3777795	3887535	3776274	2.97	cps
Indium	115-1	7644472	7378342	7356387	7459734	2.15	cps
Indium	115-2	1073373	1096954	1135585	1101971	2.85	cps
Iron	54-2	394	350	439	394	11.27	cps
Iron	56-2	2778	2984	2667	2810	5.72	cps
Iron	57-2	183	172	272	209	26.19	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	1017	990	1023	3.63	cps
Lead	206-1	428	528	411	456	13.85	cps
Lead	207-1	472	483	417	457	7.81	cps
Lead	208-1	2078	1856	1767	1900	8.43	cps
Lithium	6-1	3052088	2980421	3067686	3033398	1.53	cps
Magnesium	24-2	600	542	633	592	7.84	cps
Manganese	55-2	53	53	47	51	7.52	cps
Molybdenum	94-1	342	300	258	300	13.89	cps
Molybdenum	95-1	50	58	33	47	26.97	cps
Molybdenum	96-1	225	125	317	222	43.14	cps
Molybdenum	97-1	58	25	25	36	53.29	cps
Molybdenum	98-1	67	142	108	106	35.60	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	83	67	88	26.94	cps
Phosphorus	31-2	100	67	58	75	29.39	cps
Potassium	39-2	16902	17152	17327	17127	1.25	cps
Rhodium	103-1	7505200	7272580	7490104	7422628	1.75	cps
Rhodium	103-2	3358526	3476180	3507527	3447411	2.28	cps
Scandium	45-1	6300589	6273656	6308434	6294226	0.29	cps
Scandium	45-2	171522	172702	179962	174729	2.62	cps
Selenium	82-1	-80	-75	67	-29	-283.46	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	54	73	60	62	15.58	cps
Silicon	28-1	656775	661273	663024	660357	0.49	cps
Silver	107-1	158	242	175	192	23.01	cps
Silver	109-1	125	83	108	106	19.86	cps
Sodium	23-2	7010	7285	7260	7185	2.12	cps
Strontium	86-1	1667	1775	1525	1656	7.57	cps
Strontium	88-1	267	208	275	250	14.53	cps
Sulfur	34-1	459606	462048	461366	461007	0.27	cps
Terbium	159-1	8081713	7834241	7706498	7874151	2.42	cps
Terbium	159-2	3576335	3670790	3853914	3700346	3.81	cps
Thallium	203-1	258	308	283	283	8.82	cps
Thallium	205-1	708	492	692	631	19.12	cps
Tin	118-1	425	525	333	428	22.41	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 12:59:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	233	175	233	214	15.75	cps
Uranium	238-1	8	25	8	14	69.31	cps
Vanadium	51-2	0	7	10	6	91.64	cps
Ytterbium	172-1	17	33	8	19	65.47	cps
Ytterbium	172-2	6	6	11	7	43.24	cps
Ytterbium	176-1	600	925	750	758	21.45	cps
Ytterbium	176-2	4323	4923	4812	4686	6.81	cps
Yttrium	89-1	12700336	12310164	12694761	12568420	1.78	cps
Yttrium	89-2	1217693	1227843	1272744	1239427	2.36	cps
Zinc	66-2	80	77	103	87	16.77	cps
Zirconium	90-1	867	783	717	789	9.53	cps
Zirconium	91-1	150	108	192	150	27.78	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:05:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1110	1075	1024	1069	4.06	cps
Antimony	121-1	9779	9979	10429	10062	3.31	cps
Arsenic	75-2	153	168	160	160	4.68	cps
Barium	135-1	12723	12681	13657	13021	4.24	cps
Barium	137-1	22269	20975	21251	21498	3.17	cps
Beryllium	9-1	1518	1526	1410	1484	4.36	cps
Bismuth	209-1	4008873	4108121	4124284	4080426	1.53	cps
Bismuth	209-2	2505692	2493535	2554119	2517782	1.27	cps
Boron	10-1	3522	3576	3892	3663	5.46	cps
Boron	11-1	16526	18274	19077	17959	7.26	cps
Bromine	81-1	20306	21128	20466	20633	2.11	cps
Cadmium	111-1	1857	1875	1834	1855	1.10	cps
Cadmium	106-1	3326	2900	3050	3092	6.97	cps
Cadmium	108-1	125	121	121	122	1.97	cps
Calcium	43-1	10324	10454	10589	10455	1.27	cps
Calcium	44-1	189472	189871	191678	190340	0.62	cps
Carbon	12-1	4049610	4109454	4105549	4088204	0.82	cps
Carbon	12-2	39387	38902	37264	38518	2.89	cps
Chlorine	35-1	481451	469781	470916	474049	1.36	cps
Chlorine	35-2	2559	2634	2667	2620	2.12	cps
Chromium	52-2	4267	4251	4234	4251	0.39	cps
Cobalt	59-2	3294	3170	3327	3264	2.53	cps
Copper	63-2	5208	5618	5338	5388	3.89	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	58	83	58	67	21.65	cps
Erbium	164-2	10	23	23	19	40.75	cps
Gadolinium	160-1	50	8	33	31	68.64	cps
Gadolinium	160-2	67	43	60	57	21.21	cps
Holmium	165-1	7694718	7673645	7816811	7728391	1.00	cps
Holmium	165-2	3697942	3688097	3674446	3686828	0.32	cps
Indium	115-1	7614095	7522100	7843593	7659929	2.16	cps
Indium	115-2	1112627	1118217	1110220	1113688	0.37	cps
Iron	54-2	4045	4162	3834	4014	4.14	cps
Iron	56-2	68637	67292	66019	67316	1.94	cps
Iron	57-2	1883	1806	2045	1911	6.38	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:05:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1013	993	1030	1012	1.81	cps
Lead	206-1	3373	3334	3245	3317	1.98	cps
Lead	207-1	2861	2878	2767	2836	2.11	cps
Lead	208-1	12981	13214	13386	13194	1.54	cps
Lithium	6-1	3139583	3041634	3032682	3071300	1.93	cps
Magnesium	24-2	61807	65532	61372	62904	3.64	cps
Manganese	55-2	920	897	953	923	3.08	cps
Molybdenum	94-1	12606	13540	13340	13162	3.74	cps
Molybdenum	95-1	15693	16093	15476	15754	1.99	cps
Molybdenum	96-1	17595	17295	17403	17431	0.87	cps
Molybdenum	97-1	9937	9387	9570	9631	2.91	cps
Molybdenum	98-1	23896	24656	24481	24344	1.63	cps
Neodymium	150-1	7	27	7	13	86.58	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	887	927	950	921	3.48	cps
Phosphorus	31-2	108	117	108	111	4.33	cps
Potassium	39-2	64084	63691	63097	63624	0.78	cps
Rhodium	103-1	7563411	7575460	7400024	7512965	1.30	cps
Rhodium	103-2	3597509	3413852	3577293	3529551	2.85	cps
Scandium	45-1	6505818	6442297	6508822	6485646	0.58	cps
Scandium	45-2	178870	177951	177918	178247	0.30	cps
Selenium	82-1	485	540	498	508	5.69	cps
Selenium	77-2	27	10	10	16	61.87	cps
Selenium	78-2	103	96	101	100	3.61	cps
Silicon	28-1	706263	713585	710992	710280	0.52	cps
Silver	107-1	6777	6518	7219	6838	5.18	cps
Silver	109-1	6660	6427	6243	6443	3.24	cps
Sodium	23-2	127118	127865	129481	128155	0.94	cps
Strontium	86-1	3551	3751	3442	3581	4.37	cps
Strontium	88-1	17862	18237	18346	18148	1.40	cps
Sulfur	34-1	463341	464376	462902	463540	0.16	cps
Terbium	159-1	8120371	8004323	7929110	8017935	1.20	cps
Terbium	159-2	3883093	3646738	3791924	3773918	3.16	cps
Thallium	203-1	3626	3242	3767	3545	7.66	cps
Thallium	205-1	9162	8987	8837	8995	1.81	cps
Tin	118-1	23755	23262	23228	23415	1.26	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:05:42	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	5835	5576	5418	5610	3.75	cps
Uranium	238-1	9929	9404	9429	9587	3.09	cps
Vanadium	51-2	7065	6958	6828	6951	1.71	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	925	892	858	892	3.74	cps
Ytterbium	176-2	4367	4362	4818	4516	5.79	cps
Yttrium	89-1	12806206	12471196	12796255	12691219	1.50	cps
Yttrium	89-2	1258445	1244654	1256787	1253295	0.60	cps
Zinc	66-2	653	703	663	673	3.93	cps
Zirconium	90-1	11664	11789	11580	11677	0.90	cps
Zirconium	91-1	2359	2684	2434	2492	6.83	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:08:48 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	162949	163326	161337	162538	0.65	cps
Antimony	121-1	267634	262423	269599	266552	1.39	cps
Arsenic	75-2	8120	8397	8163	8227	1.81	cps
Barium	135-1	341947	345780	337776	341834	1.17	cps
Barium	137-1	585023	590347	580466	585278	0.84	cps
Beryllium	9-1	73489	72963	72762	73072	0.51	cps
Bismuth	209-1	4072198	4156122	4167927	4132082	1.26	cps
Bismuth	209-2	2584185	2627035	2546751	2585990	1.55	cps
Boron	10-1	6676	7000	7416	7031	5.28	cps
Boron	11-1	32405	34600	36586	34530	6.06	cps
Bromine	81-1	19554	20286	19754	19865	1.90	cps
Cadmium	111-1	64579	66694	66724	65999	1.86	cps
Cadmium	106-1	10246	9937	10654	10279	3.50	cps
Cadmium	108-1	5597	5364	5401	5454	2.30	cps
Calcium	43-1	118232	116953	117631	117606	0.54	cps
Calcium	44-1	1932077	1889524	1934962	1918854	1.33	cps
Carbon	12-1	4469396	4462726	4473512	4468544	0.12	cps
Carbon	12-2	42930	42780	43373	43028	0.72	cps
Chlorine	35-1	469985	475836	472642	472821	0.62	cps
Chlorine	35-2	2867	2617	2634	2706	5.17	cps
Chromium	52-2	95506	96385	95040	95644	0.71	cps
Cobalt	59-2	166398	166418	161715	164844	1.64	cps
Copper	63-2	1302765	1303935	1277160	1294620	1.17	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	13	3	13	10	57.75	cps
Erbium	164-1	33	75	50	53	39.74	cps
Erbium	164-2	10	37	20	22	60.63	cps
Gadolinium	160-1	42	33	42	39	12.38	cps
Gadolinium	160-2	57	53	53	54	3.54	cps
Holmium	165-1	7459251	7433421	7689599	7527424	1.87	cps
Holmium	165-2	3834484	3833635	3848689	3838936	0.22	cps
Indium	115-1	7491148	7577147	7510301	7526198	0.60	cps
Indium	115-2	1139818	1151626	1131865	1141103	0.87	cps
Iron	54-2	195476	199054	195856	196795	1.00	cps
Iron	56-2	3653358	3466596	3625211	3581722	2.81	cps
Iron	57-2	89429	88445	88876	88917	0.55	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S03 Instrumnet Name : P8
 Client Sample ID : S03 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:08:48 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1043	913	980	979	6.64	cps
Lead	206-1	750563	741035	754304	748634	0.91	cps
Lead	207-1	654819	642817	651685	649774	0.96	cps
Lead	208-1	2965658	3112479	3159274	3079137	3.28	cps
Lithium	6-1	3000015	3142995	3102857	3081956	2.39	cps
Magnesium	24-2	685115	684222	674597	681311	0.86	cps
Manganese	55-2	440101	436996	438448	438515	0.35	cps
Molybdenum	94-1	1227745	1233728	1214090	1225188	0.82	cps
Molybdenum	95-1	1724470	1712685	1774075	1737077	1.88	cps
Molybdenum	96-1	1956688	1942195	1962071	1953652	0.53	cps
Molybdenum	97-1	1085163	1081745	1089202	1085370	0.34	cps
Molybdenum	98-1	2768320	2856882	2867376	2830859	1.92	cps
Neodymium	150-1	47	40	47	44	8.66	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	45198	45008	44810	45005	0.43	cps
Phosphorus	31-2	2209	2225	2334	2256	3.01	cps
Potassium	39-2	277185	274164	274139	275163	0.64	cps
Rhodium	103-1	7437422	7767431	7525825	7576893	2.25	cps
Rhodium	103-2	3593221	3642281	3531208	3588903	1.55	cps
Scandium	45-1	6284533	6332658	6273432	6296874	0.50	cps
Scandium	45-2	179957	180273	181720	180650	0.52	cps
Selenium	82-1	5560	5581	5475	5538	1.01	cps
Selenium	77-2	160	133	190	161	17.59	cps
Selenium	78-2	604	574	585	588	2.58	cps
Silicon	28-1	974558	986957	991014	984176	0.87	cps
Silver	107-1	356193	352709	366506	358469	2.00	cps
Silver	109-1	343256	341321	347939	344172	0.99	cps
Sodium	23-2	1337471	1338700	1310960	1329044	1.18	cps
Strontium	86-1	1132747	1078191	1106807	1105915	2.47	cps
Strontium	88-1	9206262	9468036	9536306	9403535	1.85	cps
Sulfur	34-1	495695	495316	488385	493132	0.83	cps
Terbium	159-1	8353899	8101786	8269602	8241762	1.56	cps
Terbium	159-2	3892181	3798274	3798146	3829534	1.42	cps
Thallium	203-1	188145	186325	182440	185636	1.57	cps
Thallium	205-1	432814	434760	443921	437165	1.36	cps
Tin	118-1	237326	238243	242596	239388	1.18	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:08:48	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	608982	616232	627777	617664	1.53	cps
Uranium	238-1	516638	521724	523763	520708	0.70	cps
Vanadium	51-2	75950	74060	73625	74545	1.66	cps
Ytterbium	172-1	17	25	25	22	21.64	cps
Ytterbium	172-2	11	17	33	20	56.76	cps
Ytterbium	176-1	1675	1533	1725	1645	6.05	cps
Ytterbium	176-2	4895	5440	5512	5283	6.38	cps
Yttrium	89-1	12625634	12741454	13089489	12818859	1.88	cps
Yttrium	89-2	1299864	1297061	1276992	1291306	0.97	cps
Zinc	66-2	132887	132609	129746	131748	1.32	cps
Zirconium	90-1	574324	588447	597793	586855	2.01	cps
Zirconium	91-1	129155	132049	132595	131267	1.41	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S04 Instrumnet Name : P8
 Client Sample ID : S04 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:11:51 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106010	106147	104409	105522	0.92	cps
Antimony	121-1	681839	679244	675127	678737	0.50	cps
Arsenic	75-2	20366	20095	19830	20097	1.33	cps
Barium	135-1	831476	871456	835561	846164	2.60	cps
Barium	137-1	1476462	1458271	1471904	1468879	0.64	cps
Beryllium	9-1	182923	185767	184062	184250	0.78	cps
Bismuth	209-1	4109352	4046692	4172540	4109528	1.53	cps
Bismuth	209-2	2681695	2750823	2665540	2699352	1.68	cps
Boron	10-1	16164	17461	18078	17234	5.67	cps
Boron	11-1	79792	85774	88421	84662	5.22	cps
Bromine	81-1	20536	19704	20606	20282	2.48	cps
Cadmium	111-1	162576	168022	163767	164788	1.74	cps
Cadmium	106-1	21442	21451	21743	21545	0.79	cps
Cadmium	108-1	13586	13669	13403	13553	1.01	cps
Calcium	43-1	292223	290785	296523	293177	1.02	cps
Calcium	44-1	4811505	4669382	4708389	4729759	1.55	cps
Carbon	12-1	4674347	4632797	4705705	4670950	0.78	cps
Carbon	12-2	45580	44360	44326	44755	1.60	cps
Chlorine	35-1	476129	471375	469317	472274	0.74	cps
Chlorine	35-2	2484	2859	2292	2545	11.33	cps
Chromium	52-2	225255	225210	219505	223323	1.48	cps
Cobalt	59-2	407543	398871	399453	401956	1.21	cps
Copper	63-2	3256008	3219033	3151060	3208700	1.66	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	20	20	17	19	10.18	cps
Erbium	164-1	50	50	92	64	37.66	cps
Erbium	164-2	20	40	17	26	49.38	cps
Gadolinium	160-1	42	67	67	58	24.74	cps
Gadolinium	160-2	67	77	87	77	13.04	cps
Holmium	165-1	7573168	7746304	7602289	7640587	1.21	cps
Holmium	165-2	3900243	3965947	3968717	3944969	0.98	cps
Indium	115-1	7788084	7660064	7847738	7765295	1.23	cps
Indium	115-2	1154884	1156261	1119212	1143452	1.84	cps
Iron	54-2	477758	473893	475572	475741	0.41	cps
Iron	56-2	8616409	8642480	8709009	8655966	0.55	cps
Iron	57-2	211261	210621	212229	211370	0.38	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:11:51	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	877	1067	1013	986	9.94	cps
Lead	206-1	2044586	1973113	2063799	2027166	2.36	cps
Lead	207-1	1792574	1731770	1816747	1780363	2.46	cps
Lead	208-1	8109025	7851346	8278368	8079580	2.66	cps
Lithium	6-1	3319894	3212294	3177634	3236607	2.29	cps
Magnesium	24-2	1639279	1612445	1652633	1634786	1.25	cps
Manganese	55-2	1074785	1049117	1057041	1060314	1.24	cps
Molybdenum	94-1	3072167	3013925	3066145	3050746	1.05	cps
Molybdenum	95-1	4390349	4418736	4369631	4392905	0.56	cps
Molybdenum	96-1	4869179	4857045	4863153	4863126	0.12	cps
Molybdenum	97-1	2723330	2750171	2662940	2712147	1.65	cps
Molybdenum	98-1	7016866	7056697	7127262	7066942	0.79	cps
Neodymium	150-1	67	47	53	56	18.33	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	109702	108944	108423	109023	0.59	cps
Phosphorus	31-2	5510	5218	6085	5604	7.87	cps
Potassium	39-2	643783	638477	626890	636383	1.36	cps
Rhodium	103-1	7525294	7570462	7641339	7579032	0.77	cps
Rhodium	103-2	3546436	3669166	3519149	3578250	2.23	cps
Scandium	45-1	6633534	6666951	6400881	6567122	2.21	cps
Scandium	45-2	180893	184019	179058	181323	1.38	cps
Selenium	82-1	13685	13761	13775	13741	0.35	cps
Selenium	77-2	363	403	367	378	5.87	cps
Selenium	78-2	1243	1350	1309	1301	4.15	cps
Silicon	28-1	1275182	1306549	1305471	1295734	1.37	cps
Silver	107-1	912036	895325	912726	906696	1.09	cps
Silver	109-1	837373	860778	859353	852501	1.54	cps
Sodium	23-2	3210796	3252949	3150646	3204797	1.60	cps
Strontium	86-1	2804707	2824269	2802287	2810421	0.43	cps
Strontium	88-1	23233903	23772635	23151104	23385881	1.44	cps
Sulfur	34-1	541698	545838	547384	544973	0.54	cps
Terbium	159-1	8157053	8270254	8262856	8230055	0.77	cps
Terbium	159-2	3904243	3948423	3894572	3915746	0.73	cps
Thallium	203-1	478763	478558	473891	477071	0.58	cps
Thallium	205-1	1116726	1081410	1127237	1108458	2.17	cps
Tin	118-1	597079	589985	598670	595245	0.78	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:11:51	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1550056	1585555	1525082	1553564	1.96	cps
Uranium	238-1	1306551	1318649	1298094	1307764	0.79	cps
Vanadium	51-2	181800	180150	180408	180786	0.49	cps
Ytterbium	172-1	8	42	42	31	62.99	cps
Ytterbium	172-2	11	11	28	17	57.75	cps
Ytterbium	176-1	2750	2984	2825	2853	4.18	cps
Ytterbium	176-2	5596	5957	5935	5829	3.47	cps
Yttrium	89-1	12739266	12748938	12783690	12757298	0.18	cps
Yttrium	89-2	1305444	1301462	1252299	1286402	2.30	cps
Zinc	66-2	321321	316756	321650	319909	0.86	cps
Zirconium	90-1	1470532	1444449	1487460	1467480	1.48	cps
Zirconium	91-1	319648	315429	322351	319143	1.09	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S05 Instrumnet Name : P8
 Client Sample ID : S05 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:14:57 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	213692	209799	211643	211712	0.92	cps
Antimony	121-1	1376682	1370958	1401251	1382964	1.16	cps
Arsenic	75-2	40229	39645	39757	39877	0.78	cps
Barium	135-1	1776127	1822269	1772859	1790418	1.54	cps
Barium	137-1	3045361	3071252	3010584	3042399	1.00	cps
Beryllium	9-1	369852	370599	379133	373195	1.38	cps
Bismuth	209-1	4123678	4157510	4169628	4150272	0.57	cps
Bismuth	209-2	2638645	2675703	2709113	2674487	1.32	cps
Boron	10-1	33359	36067	37691	35706	6.13	cps
Boron	11-1	163670	173759	183124	173518	5.61	cps
Bromine	81-1	19053	19765	19253	19357	1.90	cps
Cadmium	111-1	333319	331765	338856	334647	1.11	cps
Cadmium	106-1	41079	41932	42541	41850	1.76	cps
Cadmium	108-1	26684	28479	27402	27522	3.28	cps
Calcium	43-1	598228	592395	598421	596348	0.57	cps
Calcium	44-1	9603775	9752131	9632698	9662868	0.81	cps
Carbon	12-1	4854391	5125051	5235368	5071603	3.87	cps
Carbon	12-2	50211	49066	50253	49844	1.35	cps
Chlorine	35-1	477739	472682	459427	469950	2.01	cps
Chlorine	35-2	2567	2434	2409	2470	3.45	cps
Chromium	52-2	447895	435465	438598	440653	1.47	cps
Cobalt	59-2	806492	788219	777548	790753	1.85	cps
Copper	63-2	6323926	6327453	6397911	6349764	0.66	cps
Dysprosium	156-1	83	67	83	78	12.37	cps
Dysprosium	156-2	33	30	40	34	14.78	cps
Erbium	164-1	50	83	92	75	29.40	cps
Erbium	164-2	13	23	33	23	42.86	cps
Gadolinium	160-1	83	75	108	89	19.52	cps
Gadolinium	160-2	103	73	83	87	17.63	cps
Holmium	165-1	7706873	7797547	8080332	7861584	2.48	cps
Holmium	165-2	4014047	3968200	4025536	4002594	0.76	cps
Indium	115-1	7463982	7871977	7888733	7741564	3.11	cps
Indium	115-2	1119306	1135148	1142377	1132277	1.04	cps
Iron	54-2	938357	939389	934762	937502	0.26	cps
Iron	56-2	17282369	17465783	17250424	17332859	0.67	cps
Iron	57-2	424244	424837	420027	423036	0.62	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:14:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1083	1023	953	1020	6.38	cps
Lead	206-1	4328502	4216407	4248400	4264436	1.35	cps
Lead	207-1	3743127	3574388	3784506	3700673	3.01	cps
Lead	208-1	17007785	16465196	16684614	16719198	1.63	cps
Lithium	6-1	3090827	3255687	3308062	3218192	3.52	cps
Magnesium	24-2	3318759	3244857	3260433	3274683	1.19	cps
Manganese	55-2	2202742	2198239	2147573	2182851	1.40	cps
Molybdenum	94-1	6136496	6239008	6080118	6151874	1.31	cps
Molybdenum	95-1	9077552	9027593	8934796	9013314	0.80	cps
Molybdenum	96-1	9864818	9825743	9899551	9863370	0.37	cps
Molybdenum	97-1	5534643	5406693	5551017	5497451	1.44	cps
Molybdenum	98-1	14556257	14060990	14618699	14411982	2.12	cps
Neodymium	150-1	100	53	60	71	35.50	cps
Neodymium	150-2	13	3	0	6	124.93	cps
Nickel	60-2	214413	214843	215426	214894	0.24	cps
Phosphorus	31-2	10946	11455	10387	10929	4.89	cps
Potassium	39-2	1262580	1250355	1241890	1251608	0.83	cps
Rhodium	103-1	7497652	7566372	7918203	7660742	2.94	cps
Rhodium	103-2	3506950	3553035	3469651	3509878	1.19	cps
Scandium	45-1	6332265	6695497	6522534	6516765	2.79	cps
Scandium	45-2	179204	176277	178680	178053	0.88	cps
Selenium	82-1	27375	27277	27821	27491	1.05	cps
Selenium	77-2	737	853	807	799	7.35	cps
Selenium	78-2	2623	2557	2502	2560	2.35	cps
Silicon	28-1	1877170	1907737	1963578	1916162	2.29	cps
Silver	107-1	1835039	1890627	1854947	1860204	1.51	cps
Silver	109-1	1752597	1819455	1765834	1779296	1.99	cps
Sodium	23-2	6248975	6227043	6342315	6272778	0.98	cps
Strontium	86-1	5646477	5518001	5594972	5586483	1.16	cps
Strontium	88-1	46321618	48023210	47401186	47248672	1.82	cps
Sulfur	34-1	640851	641978	639322	640717	0.21	cps
Terbium	159-1	8092937	8363165	8419865	8291989	2.11	cps
Terbium	159-2	3976015	3975833	3818786	3923544	2.31	cps
Thallium	203-1	977108	1007775	1020423	1001769	2.22	cps
Thallium	205-1	2465607	2434020	2381211	2426946	1.76	cps
Tin	118-1	1208551	1234348	1241769	1228223	1.42	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:14:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	3107303	3105310	3096140	3102917	0.19	cps
Uranium	238-1	2841120	2854626	2918342	2871363	1.44	cps
Vanadium	51-2	360322	362615	356776	359904	0.82	cps
Ytterbium	172-1	17	8	58	28	96.44	cps
Ytterbium	172-2	22	17	39	26	44.60	cps
Ytterbium	176-1	5026	4993	5443	5154	4.87	cps
Ytterbium	176-2	6813	7080	7096	6996	2.27	cps
Yttrium	89-1	12491476	13205129	13023767	12906791	2.87	cps
Yttrium	89-2	1257776	1257615	1261192	1258861	0.16	cps
Zinc	66-2	633710	623851	629419	628994	0.79	cps
Zirconium	90-1	2948941	2973441	3003897	2975426	0.93	cps
Zirconium	91-1	653265	662522	648340	654709	1.10	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S06 Instrumnet Name : P8
 Client Sample ID : S06 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:18:00 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	433616	427613	419468	426899	1.66	cps
Antimony	121-1	2971834	2952320	3014991	2979715	1.08	cps
Arsenic	75-2	81052	79411	79743	80069	1.08	cps
Barium	135-1	3831546	3771271	3851602	3818140	1.10	cps
Barium	137-1	6271991	6328163	6592962	6397705	2.68	cps
Beryllium	9-1	776905	772989	785898	778597	0.85	cps
Bismuth	209-1	4245891	4597909	4132942	4325581	5.61	cps
Bismuth	209-2	2648137	2606831	2619468	2624812	0.81	cps
Boron	10-1	71897	75766	80045	75903	5.37	cps
Boron	11-1	349934	367754	384446	367378	4.70	cps
Bromine	81-1	18712	19744	18772	19076	3.04	cps
Cadmium	111-1	679518	684492	698879	687630	1.46	cps
Cadmium	106-1	81777	81282	84401	82487	2.03	cps
Cadmium	108-1	56596	56624	57629	56949	1.03	cps
Calcium	43-1	1271779	1273501	1285559	1276946	0.59	cps
Calcium	44-1	19808518	20107430	20063995	19993315	0.81	cps
Carbon	12-1	5364500	5589551	5568190	5507414	2.26	cps
Carbon	12-2	55815	56333	55013	55721	1.19	cps
Chlorine	35-1	483001	481306	479117	481141	0.40	cps
Chlorine	35-2	2559	2417	2459	2478	2.94	cps
Chromium	52-2	895742	871451	870713	879302	1.62	cps
Cobalt	59-2	1652216	1620026	1622813	1631685	1.09	cps
Copper	63-2	12494548	12625351	12137914	12419271	2.03	cps
Dysprosium	156-1	167	142	183	164	12.80	cps
Dysprosium	156-2	87	83	57	76	21.76	cps
Erbium	164-1	67	50	50	56	17.32	cps
Erbium	164-2	33	57	43	44	26.35	cps
Gadolinium	160-1	125	150	192	156	21.65	cps
Gadolinium	160-2	133	147	93	124	22.31	cps
Holmium	165-1	7977105	8329130	7726932	8011056	3.78	cps
Holmium	165-2	4003389	4032592	3882455	3972812	2.00	cps
Indium	115-1	7508016	8091305	7447217	7682179	4.63	cps
Indium	115-2	1079886	1062961	1061230	1068026	0.97	cps
Iron	54-2	1973035	1932167	1906087	1937096	1.74	cps
Iron	56-2	34862736	34789334	34425017	34692362	0.68	cps
Iron	57-2	860742	848340	827830	845637	1.97	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:18:00	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	900	917	933	917	1.82	cps
Lead	206-1	8761229	9019856	9011351	8930812	1.65	cps
Lead	207-1	7706823	7691164	7890867	7762951	1.43	cps
Lead	208-1	35274063	35295116	35750525	35439901	0.76	cps
Lithium	6-1	3185584	3357694	3215528	3252936	2.83	cps
Magnesium	24-2	6477552	6575591	6554780	6535974	0.79	cps
Manganese	55-2	4464982	4294940	4295841	4351921	2.25	cps
Molybdenum	94-1	13007524	12886374	12829662	12907853	0.70	cps
Molybdenum	95-1	18770143	19003859	18968690	18914231	0.67	cps
Molybdenum	96-1	20549222	20256127	20731767	20512372	1.17	cps
Molybdenum	97-1	11407935	11346233	11563751	11439306	0.98	cps
Molybdenum	98-1	29507749	29943319	30145638	29865569	1.09	cps
Neodymium	150-1	167	207	260	211	22.18	cps
Neodymium	150-2	10	23	37	23	57.15	cps
Nickel	60-2	435838	428117	424347	429434	1.36	cps
Phosphorus	31-2	22034	22017	21884	21978	0.37	cps
Potassium	39-2	2492030	2484424	2453474	2476643	0.82	cps
Rhodium	103-1	7320830	7872778	7359323	7517643	4.10	cps
Rhodium	103-2	3426944	3388508	3357580	3391011	1.02	cps
Scandium	45-1	6427266	6601830	6358398	6462498	1.94	cps
Scandium	45-2	170651	168994	167811	169152	0.84	cps
Selenium	82-1	56172	55711	56932	56272	1.10	cps
Selenium	77-2	1477	1457	1450	1461	0.95	cps
Selenium	78-2	5086	5017	4988	5031	1.00	cps
Silicon	28-1	2988273	3058864	3067941	3038359	1.44	cps
Silver	107-1	3805038	3742179	3948146	3831788	2.75	cps
Silver	109-1	3598665	3681103	3717794	3665854	1.66	cps
Sodium	23-2	12737160	12761089	12581507	12693252	0.77	cps
Strontium	86-1	11683424	11676472	11664271	11674722	0.08	cps
Strontium	88-1	99254602	98033271	100824767	99370880	1.41	cps
Sulfur	34-1	851109	847236	846464	848270	0.29	cps
Terbium	159-1	8720357	9110567	8427572	8752832	3.91	cps
Terbium	159-2	4004191	3793110	3788365	3861889	3.19	cps
Thallium	203-1	2140319	2226542	2282369	2216410	3.23	cps
Thallium	205-1	5041781	5186433	5249447	5159221	2.06	cps
Tin	118-1	2556610	2603871	2569614	2576698	0.95	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:18:00	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6463454	6279183	6435104	6392580	1.55	cps
Uranium	238-1	6231703	6210489	6230974	6224389	0.19	cps
Vanadium	51-2	731060	730089	709125	723425	1.71	cps
Ytterbium	172-1	42	50	42	44	10.82	cps
Ytterbium	172-2	11	33	17	20	56.76	cps
Ytterbium	176-1	10163	10488	10655	10435	2.40	cps
Ytterbium	176-2	9303	9743	9142	9396	3.31	cps
Yttrium	89-1	12874115	13544134	12736651	13051634	3.31	cps
Yttrium	89-2	1223011	1207907	1196622	1209180	1.09	cps
Zinc	66-2	1275862	1239469	1238742	1251358	1.70	cps
Zirconium	90-1	6092508	6168528	6274370	6178469	1.48	cps
Zirconium	91-1	1368917	1376170	1417989	1387692	1.91	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:21:06 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	808697	801135	803659	804497	0.48	cps
Antimony	121-1	5646779	5745870	5928721	5773790	2.48	cps
Arsenic	75-2	150660	150106	149195	149987	0.49	cps
Barium	135-1	7290866	7384068	7740439	7471791	3.18	cps
Barium	137-1	12330036	12548600	12754831	12544489	1.69	cps
Beryllium	9-1	1465877	1442883	1565252	1491338	4.36	cps
Bismuth	209-1	4396443	4594625	4297762	4429610	3.41	cps
Bismuth	209-2	2522584	2581778	2469734	2524699	2.22	cps
Boron	10-1	144798	154030	161447	153425	5.44	cps
Boron	11-1	706217	746774	756286	736425	3.61	cps
Bromine	81-1	19644	19835	18090	19190	4.99	cps
Cadmium	111-1	1323700	1332514	1330802	1329005	0.35	cps
Cadmium	106-1	155818	155009	160296	157041	1.81	cps
Cadmium	108-1	109414	112018	111036	110823	1.19	cps
Calcium	43-1	2445816	2437325	2513094	2465412	1.68	cps
Calcium	44-1	38287443	38110559	39429376	38609126	1.85	cps
Carbon	12-1	6436899	6702141	6910794	6683278	3.55	cps
Carbon	12-2	68225	69029	70126	69127	1.38	cps
Chlorine	35-1	449041	447334	453261	449879	0.68	cps
Chlorine	35-2	2234	2359	2484	2359	5.30	cps
Chromium	52-2	1699835	1721926	1749467	1723743	1.44	cps
Cobalt	59-2	3087051	3020664	3045788	3051168	1.10	cps
Copper	63-2	23558634	23524057	23241930	23441540	0.74	cps
Dysprosium	156-1	350	267	292	303	14.12	cps
Dysprosium	156-2	127	100	103	110	13.21	cps
Erbium	164-1	192	117	92	133	39.03	cps
Erbium	164-2	37	23	17	26	39.85	cps
Gadolinium	160-1	175	283	283	247	25.30	cps
Gadolinium	160-2	163	153	153	157	3.69	cps
Holmium	165-1	7991195	8310246	8095508	8132316	2.00	cps
Holmium	165-2	3804634	3900151	3833080	3845955	1.28	cps
Indium	115-1	7547712	7802812	7352836	7567787	2.98	cps
Indium	115-2	1036056	1030688	1029915	1032220	0.32	cps
Iron	54-2	3632353	3633745	3652794	3639631	0.31	cps
Iron	56-2	64794429	64145488	62927042	63955653	1.48	cps
Iron	57-2	1654392	1660419	1610016	1641609	1.68	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:21:06 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1137	1057	997	1063	6.61	cps
Lead	206-1	17995837	17867010	17691922	17851590	0.85	cps
Lead	207-1	15536958	15797217	15222430	15518868	1.85	cps
Lead	208-1	71743710	71818530	69986825	71183022	1.46	cps
Lithium	6-1	3169600	3299903	3291776	3253760	2.24	cps
Magnesium	24-2	12488697	12328831	12252180	12356569	0.98	cps
Manganese	55-2	8086658	8019577	7970569	8025601	0.73	cps
Molybdenum	94-1	24766189	25112466	25548878	25142511	1.56	cps
Molybdenum	95-1	36044561	35896585	37207231	36382792	1.97	cps
Molybdenum	96-1	39606320	40090059	39893550	39863310	0.61	cps
Molybdenum	97-1	21655294	22084856	22180026	21973392	1.27	cps
Molybdenum	98-1	56541245	56404599	58795537	57247127	2.35	cps
Neodymium	150-1	293	340	380	338	12.84	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Nickel	60-2	808367	794387	789271	797342	1.24	cps
Phosphorus	31-2	41493	40416	40390	40766	1.54	cps
Potassium	39-2	4698348	4556641	4572151	4609047	1.69	cps
Rhodium	103-1	7494332	7613423	7174798	7427518	3.05	cps
Rhodium	103-2	3281496	3317779	3150487	3249921	2.71	cps
Scandium	45-1	6532428	6679133	6365892	6525818	2.40	cps
Scandium	45-2	166969	166014	165141	166041	0.55	cps
Selenium	82-1	107535	109847	109860	109080	1.23	cps
Selenium	77-2	2694	2700	2617	2670	1.73	cps
Selenium	78-2	9454	9499	9198	9384	1.73	cps
Silicon	28-1	5623740	5974598	6098504	5898947	4.17	cps
Silver	107-1	7156577	7245448	7541078	7314368	2.75	cps
Silver	109-1	7132233	7019381	7154632	7102082	1.02	cps
Sodium	23-2	23899407	23540860	23667164	23702477	0.77	cps
Strontium	86-1	22132946	22344102	22944730	22473926	1.87	cps
Strontium	88-1	186674538	192862425	192489588	190675517	1.82	cps
Sulfur	34-1	1013964	1023895	1032207	1023355	0.89	cps
Terbium	159-1	8673919	9170604	8754935	8866486	3.01	cps
Terbium	159-2	3769879	3823147	3746795	3779940	1.04	cps
Thallium	203-1	4369835	4323308	4428470	4373871	1.20	cps
Thallium	205-1	10166771	10116172	10071934	10118292	0.47	cps
Tin	118-1	4875830	5005134	5139402	5006789	2.63	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:21:06	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	12262802	12390415	12126004	12259740	1.08	cps
Uranium	238-1	12484452	12804175	12661234	12649954	1.27	cps
Vanadium	51-2	1402702	1334449	1353684	1363611	2.58	cps
Ytterbium	172-1	50	50	92	64	37.66	cps
Ytterbium	172-2	28	39	33	33	16.67	cps
Ytterbium	176-1	19123	19048	20266	19479	3.51	cps
Ytterbium	176-2	13079	13324	13396	13266	1.25	cps
Yttrium	89-1	13170079	13323564	12928243	13140629	1.52	cps
Yttrium	89-2	1192741	1192575	1180365	1188560	0.60	cps
Zinc	66-2	2398078	2364495	2415137	2392570	1.08	cps
Zirconium	90-1	11827849	11954977	12114983	11965937	1.20	cps
Zirconium	91-1	2706270	2696706	2777367	2726781	1.62	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4037924	3999890	3991781	4009865	0.61	cps
Antimony	121-1	6010	5651	5393	5685	5.45	cps
Arsenic	75-2	125	69	68	87	37.35	cps
Barium	135-1	3667	3692	2859	3406	13.92	cps
Barium	137-1	6352	5852	5401	5868	8.10	cps
Beryllium	9-1	718	580	516	605	17.07	cps
Bismuth	209-1	3957940	3948148	3931809	3945966	0.33	cps
Bismuth	209-2	2308144	2281471	2347366	2312327	1.43	cps
Boron	10-1	20642	19785	18022	19483	6.86	cps
Boron	11-1	103603	94611	86799	95004	8.85	cps
Bromine	81-1	19544	19704	20666	19971	3.04	cps
Cadmium	111-1	1002	1061	918	994	7.19	cps
Cadmium	106-1	2909	2934	3050	2964	2.55	cps
Cadmium	108-1	150	79	125	118	30.43	cps
Calcium	43-1	10940831	10776724	10862479	10860011	0.76	cps
Calcium	44-1	175773624	180179523	175010744	176987963	1.58	cps
Carbon	12-1	5104016	5205231	5110759	5140002	1.10	cps
Carbon	12-2	55773	55338	54025	55045	1.65	cps
Chlorine	35-1	480527	475966	474341	476945	0.67	cps
Chlorine	35-2	2492	2784	2334	2536	9.00	cps
Chromium	52-2	4074	3714	3687	3825	5.65	cps
Cobalt	59-2	5198	4621	4417	4745	8.53	cps
Copper	63-2	12006	8716	8663	9795	19.55	cps
Dysprosium	156-1	1008	1158	1017	1061	7.94	cps
Dysprosium	156-2	500	390	490	460	13.22	cps
Erbium	164-1	175	133	133	147	16.34	cps
Erbium	164-2	60	63	47	57	15.56	cps
Gadolinium	160-1	933	692	875	833	15.13	cps
Gadolinium	160-2	517	460	513	497	6.40	cps
Holmium	165-1	8151490	8108097	7741041	8000209	2.82	cps
Holmium	165-2	3761226	3670586	3835962	3755924	2.20	cps
Indium	115-1	7397547	7058086	7309693	7255108	2.43	cps
Indium	115-2	1010170	994107	1024775	1009684	1.52	cps
Iron	54-2	16732523	17125590	17020884	16959665	1.20	cps
Iron	56-2	307585618	310279685	308920874	308928725	0.44	cps
Iron	57-2	7889743	7832233	7543722	7755233	2.39	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	940	1083	1063	1029	7.55	cps
Lead	206-1	11339	10254	9782	10458	7.63	cps
Lead	207-1	9948	9621	8559	9376	7.75	cps
Lead	208-1	44547	42083	37744	41458	8.31	cps
Lithium	6-1	3161066	3114522	3119676	3131755	0.81	cps
Magnesium	24-2	59723949	58717449	58983814	59141737	0.88	cps
Manganese	55-2	6001	5464	5424	5630	5.72	cps
Molybdenum	94-1	11730	9695	8795	10074	14.93	cps
Molybdenum	95-1	13749	11480	9645	11625	17.68	cps
Molybdenum	96-1	22963	20016	18030	20336	12.21	cps
Molybdenum	97-1	9070	6810	5635	7172	24.35	cps
Molybdenum	98-1	22104	21059	14860	19341	20.25	cps
Neodymium	150-1	40	27	40	36	21.64	cps
Neodymium	150-2	30	7	7	14	93.24	cps
Nickel	60-2	1357	1347	1140	1281	9.55	cps
Phosphorus	31-2	108	83	67	86	24.35	cps
Potassium	39-2	22456227	22810097	22763126	22676483	0.85	cps
Rhodium	103-1	6876265	6900330	6778603	6851733	0.94	cps
Rhodium	103-2	3084082	2934503	3101305	3039963	3.02	cps
Scandium	45-1	6220633	6305739	6305066	6277146	0.78	cps
Scandium	45-2	165186	160132	166229	163849	1.99	cps
Selenium	82-1	165	-43	7	43	252.61	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	53	64	61	59	9.58	cps
Silicon	28-1	1018321	1035984	1044257	1032854	1.28	cps
Silver	107-1	3084	2734	2250	2689	15.56	cps
Silver	109-1	2975	2525	2217	2573	14.83	cps
Sodium	23-2	118688065	119470994	115845415	118001492	1.62	cps
Strontium	86-1	18805	18129	17270	18068	4.26	cps
Strontium	88-1	165135	146801	139964	150633	8.64	cps
Sulfur	34-1	405544	406241	415016	408933	1.29	cps
Terbium	159-1	8361696	8504489	8274751	8380312	1.38	cps
Terbium	159-2	3733273	3598562	3724386	3685407	2.04	cps
Thallium	203-1	1692	1692	1567	1650	4.37	cps
Thallium	205-1	4184	3409	3442	3678	11.91	cps
Tin	118-1	2692	2359	2292	2448	8.76	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:24:09	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	4109	3217	2967	3431	17.50	cps
Uranium	238-1	3909	2934	2801	3215	18.83	cps
Vanadium	51-2	757	653	657	689	8.52	cps
Ytterbium	172-1	58	108	92	86	29.57	cps
Ytterbium	172-2	28	28	28	28	0.00	cps
Ytterbium	176-1	842	850	983	892	8.92	cps
Ytterbium	176-2	4406	4418	4851	4558	5.56	cps
Yttrium	89-1	12599187	12472726	12360919	12477611	0.96	cps
Yttrium	89-2	1181984	1147400	1184036	1171140	1.76	cps
Zinc	66-2	3347	3120	3167	3212	3.73	cps
Zirconium	90-1	9330	7594	7336	8086	13.41	cps
Zirconium	91-1	1775	1909	1383	1689	16.16	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICV079 Instrumnet Name : P8
 Client Sample ID : ICV079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:51:18 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22110	21830	21514	21818	1.37	cps
Antimony	121-1	1096229	1088101	1089314	1091215	0.40	cps
Arsenic	75-2	33818	33641	33775	33744	0.27	cps
Barium	135-1	136471	139544	139650	138555	1.30	cps
Barium	137-1	239080	241286	243362	241243	0.89	cps
Beryllium	9-1	148837	152059	149995	150297	1.09	cps
Bismuth	209-1	4153855	3994137	3965895	4037962	2.51	cps
Bismuth	209-2	2604933	2675080	2638488	2639500	1.33	cps
Boron	10-1	2606	2700	2638	2648	1.80	cps
Boron	11-1	12287	12459	12557	12434	1.10	cps
Bromine	81-1	21549	21810	21960	21773	0.96	cps
Cadmium	111-1	133265	137186	138079	136177	1.88	cps
Cadmium	106-1	16502	16427	15693	16207	2.76	cps
Cadmium	108-1	9637	9312	9378	9442	1.82	cps
Calcium	43-1	45040	44264	44791	44698	0.89	cps
Calcium	44-1	757940	757350	767501	760930	0.75	cps
Carbon	12-1	4232273	4405615	4146684	4261524	3.10	cps
Carbon	12-2	41610	41794	41852	41752	0.30	cps
Chlorine	35-1	423452	427083	427248	425928	0.50	cps
Chlorine	35-2	2142	2375	2384	2300	5.96	cps
Chromium	52-2	187321	185581	186182	186362	0.47	cps
Cobalt	59-2	335714	331883	337659	335085	0.88	cps
Copper	63-2	257318	254181	252117	254539	1.03	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	0	13	4	173.21	cps
Erbium	164-1	67	42	58	56	22.91	cps
Erbium	164-2	23	30	27	27	12.51	cps
Gadolinium	160-1	17	33	67	39	65.47	cps
Gadolinium	160-2	53	43	80	59	32.19	cps
Holmium	165-1	7498031	7623235	7344881	7488716	1.86	cps
Holmium	165-2	3822164	3877597	3815237	3838333	0.89	cps
Indium	115-1	7749080	7637145	7770322	7718849	0.93	cps
Indium	115-2	1143144	1132291	1148428	1141288	0.72	cps
Iron	54-2	159066	158268	157897	158410	0.38	cps
Iron	56-2	2821727	2802963	2832510	2819066	0.53	cps
Iron	57-2	70239	69441	67755	69145	1.83	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICV079 Instrumnet Name : P8
 Client Sample ID : ICV079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:51:18 DataFile Name : 014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	910	1047	940	966	7.44	cps
Lead	206-1	607906	644031	626907	626281	2.89	cps
Lead	207-1	513971	524933	533910	524271	1.90	cps
Lead	208-1	2419183	2458982	2440894	2439686	0.82	cps
Lithium	6-1	3235237	3204594	3136109	3191980	1.59	cps
Magnesium	24-2	152352	155112	153292	153586	0.91	cps
Manganese	55-2	90297	88358	88854	89170	1.13	cps
Molybdenum	94-1	925	708	950	861	15.43	cps
Molybdenum	95-1	317	292	250	286	11.77	cps
Molybdenum	96-1	617	667	608	631	5.00	cps
Molybdenum	97-1	175	150	225	183	20.83	cps
Molybdenum	98-1	525	558	500	528	5.55	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93508	92673	91207	92463	1.26	cps
Phosphorus	31-2	58	92	92	81	23.89	cps
Potassium	39-2	216350	214150	214554	215018	0.54	cps
Rhodium	103-1	7652036	7652224	7465098	7589786	1.42	cps
Rhodium	103-2	3579044	3628156	3541868	3583023	1.21	cps
Scandium	45-1	6631850	6539137	6459616	6543534	1.32	cps
Scandium	45-2	185194	181785	182866	183282	0.95	cps
Selenium	82-1	23084	23321	23164	23189	0.52	cps
Selenium	77-2	577	687	630	631	8.72	cps
Selenium	78-2	2306	2243	2282	2277	1.40	cps
Silicon	28-1	665625	665156	669546	666776	0.36	cps
Silver	107-1	357068	356442	365460	359657	1.40	cps
Silver	109-1	336858	338245	344641	339915	1.22	cps
Sodium	23-2	533999	525461	523176	527545	1.08	cps
Strontium	86-1	2234	1884	2442	2186	12.91	cps
Strontium	88-1	5568	5701	5585	5618	1.29	cps
Sulfur	34-1	455238	451068	451111	452472	0.53	cps
Terbium	159-1	8205431	8113536	8112339	8143768	0.66	cps
Terbium	159-2	3841158	3831176	3820172	3830836	0.27	cps
Thallium	203-1	765733	748077	773342	762384	1.70	cps
Thallium	205-1	1907430	1946379	1899227	1917678	1.31	cps
Tin	118-1	858	767	875	833	7.00	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICV079	Instrumnet Name :	P8
Client Sample ID :	ICV079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:51:18	DataFile Name :	014ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	250	300	250	267	10.82	cps
Uranium	238-1	58	33	75	56	37.75	cps
Vanadium	51-2	148750	146930	148795	148158	0.72	cps
Ytterbium	172-1	42	25	25	31	31.50	cps
Ytterbium	172-2	6	17	0	7	114.54	cps
Ytterbium	176-1	725	733	900	786	12.56	cps
Ytterbium	176-2	4745	4879	5068	4897	3.31	cps
Yttrium	89-1	12725813	12804939	12707112	12745955	0.41	cps
Yttrium	89-2	1299260	1296015	1279447	1291574	0.82	cps
Zinc	66-2	53216	52250	52527	52664	0.95	cps
Zirconium	90-1	2042	1859	1884	1928	5.16	cps
Zirconium	91-1	492	542	542	525	5.50	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICB079 Instrumnet Name : P8
 Client Sample ID : ICB079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:55:21 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116	117	109	114	4.15	cps
Antimony	121-1	750	900	800	817	9.35	cps
Arsenic	75-2	10	11	13	11	13.48	cps
Barium	135-1	100	33	42	58	62.27	cps
Barium	137-1	125	133	58	106	38.95	cps
Beryllium	9-1	162	104	142	136	21.66	cps
Bismuth	209-1	3955947	3966696	3969940	3964194	0.18	cps
Bismuth	209-2	2564834	2632286	2516494	2571204	2.26	cps
Boron	10-1	1854	2032	1922	1936	4.64	cps
Boron	11-1	9883	9455	9811	9717	2.36	cps
Bromine	81-1	20717	21860	21409	21328	2.70	cps
Cadmium	111-1	609	647	553	603	7.86	cps
Cadmium	106-1	2792	2992	2450	2745	9.98	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Calcium	43-1	242	229	210	227	7.18	cps
Calcium	44-1	23454	23093	23067	23205	0.93	cps
Carbon	12-1	4621263	4597486	4747531	4655427	1.73	cps
Carbon	12-2	46700	45956	45772	46143	1.06	cps
Chlorine	35-1	436868	431751	432636	433752	0.63	cps
Chlorine	35-2	2292	2559	2800	2550	9.97	cps
Chromium	52-2	907	893	900	900	0.74	cps
Cobalt	59-2	130	90	117	112	18.15	cps
Copper	63-2	477	513	700	563	21.26	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	23	23	13	20	28.87	cps
Gadolinium	160-1	33	33	75	47	50.95	cps
Gadolinium	160-2	50	40	73	54	31.42	cps
Holmium	165-1	7395111	7499550	7201572	7365411	2.05	cps
Holmium	165-2	3853602	3791372	3792591	3812522	0.93	cps
Indium	115-1	7411546	7586708	7353643	7450633	1.63	cps
Indium	115-2	1125398	1129912	1120368	1125226	0.42	cps
Iron	54-2	406	472	533	470	13.59	cps
Iron	56-2	3428	3839	4123	3797	9.20	cps
Iron	57-2	272	250	272	265	4.84	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICB079	Instrumnet Name :	P8
Client Sample ID :	ICB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:55:21	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	987	1020	987	998	1.93	cps
Lead	206-1	872	633	722	743	16.26	cps
Lead	207-1	806	644	611	687	15.14	cps
Lead	208-1	3445	2756	2772	2991	13.14	cps
Lithium	6-1	3038817	3146782	2929192	3038264	3.58	cps
Magnesium	24-2	592	492	550	544	9.23	cps
Manganese	55-2	53	47	30	43	27.73	cps
Molybdenum	94-1	392	225	292	303	27.71	cps
Molybdenum	95-1	167	50	58	92	71.00	cps
Molybdenum	96-1	333	200	208	247	30.21	cps
Molybdenum	97-1	83	25	67	58	51.51	cps
Molybdenum	98-1	167	175	83	142	35.78	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	100	123	109	11.59	cps
Phosphorus	31-2	133	75	42	83	55.68	cps
Potassium	39-2	18187	17669	18554	18137	2.45	cps
Rhodium	103-1	7607535	7743006	7298220	7549587	3.02	cps
Rhodium	103-2	3565216	3542148	3522387	3543250	0.60	cps
Scandium	45-1	6373569	6503601	6400782	6425984	1.07	cps
Scandium	45-2	180081	181660	178854	180198	0.78	cps
Selenium	82-1	24	-20	9	4	504.70	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	52	47	68	56	19.71	cps
Silicon	28-1	660282	664962	669111	664785	0.66	cps
Silver	107-1	367	325	375	356	7.53	cps
Silver	109-1	533	267	417	406	32.96	cps
Sodium	23-2	9603	10045	10396	10015	3.96	cps
Strontium	86-1	1700	1825	1708	1745	4.01	cps
Strontium	88-1	550	308	208	356	49.40	cps
Sulfur	34-1	453301	451367	455428	453366	0.45	cps
Terbium	159-1	7937995	8134333	7607077	7893135	3.38	cps
Terbium	159-2	3824005	3833713	3770153	3809290	0.90	cps
Thallium	203-1	708	525	567	600	16.02	cps
Thallium	205-1	1375	1317	1192	1295	7.24	cps
Tin	118-1	558	475	467	500	10.14	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICB079	Instrumnet Name :	P8
Client Sample ID :	ICB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:55:21	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	300	200	275	258	20.14	cps
Uranium	238-1	33	25	8	22	57.29	cps
Vanadium	51-2	13	33	13	20	57.74	cps
Ytterbium	172-1	50	33	33	39	24.75	cps
Ytterbium	172-2	17	22	6	15	57.25	cps
Ytterbium	176-1	850	900	800	850	5.88	cps
Ytterbium	176-2	4595	4834	4795	4742	2.70	cps
Yttrium	89-1	12679498	12696439	12297500	12557812	1.80	cps
Yttrium	89-2	1252045	1277505	1262141	1263897	1.01	cps
Zinc	66-2	127	143	140	137	6.45	cps
Zirconium	90-1	642	883	658	728	18.55	cps
Zirconium	91-1	208	217	150	192	18.95	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICSA079 Instrumnet Name : P8
 Client Sample ID : ICSA079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:58:24 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4124548	4024354	4028523	4059142	1.40	cps
Antimony	121-1	6352	6885	6418	6552	4.44	cps
Arsenic	75-2	47	57	62	55	13.81	cps
Barium	135-1	1884	1984	2075	1981	4.84	cps
Barium	137-1	3509	3334	3667	3503	4.76	cps
Beryllium	9-1	592	522	558	557	6.28	cps
Bismuth	209-1	4037428	4103137	4146330	4095632	1.34	cps
Bismuth	209-2	2543324	2384211	2485744	2471093	3.26	cps
Boron	10-1	1976	2064	1984	2008	2.42	cps
Boron	11-1	9437	9919	9837	9731	2.65	cps
Bromine	81-1	20737	20486	21439	20887	2.36	cps
Cadmium	111-1	1203	981	1050	1078	10.52	cps
Cadmium	106-1	3267	2900	2725	2964	9.33	cps
Cadmium	108-1	1150	1183	1142	1158	1.90	cps
Calcium	43-1	2293120	2311053	2321793	2308655	0.63	cps
Calcium	44-1	37807233	38078110	37132001	37672448	1.29	cps
Carbon	12-1	20726475	21241310	21210733	21059506	1.37	cps
Carbon	12-2	207730	208163	204157	206684	1.06	cps
Chlorine	35-1	8116125	10074162	12266522	10152270	20.45	cps
Chlorine	35-2	91103	98291	105861	98418	7.50	cps
Chromium	52-2	35958	35631	35056	35549	1.28	cps
Cobalt	59-2	3624	3831	3544	3666	4.04	cps
Copper	63-2	18322	17791	17808	17974	1.68	cps
Dysprosium	156-1	75	25	50	50	50.00	cps
Dysprosium	156-2	13	13	10	12	15.73	cps
Erbium	164-1	75	42	75	64	30.12	cps
Erbium	164-2	23	43	27	31	34.44	cps
Gadolinium	160-1	67	83	17	56	62.45	cps
Gadolinium	160-2	83	77	80	80	4.16	cps
Holmium	165-1	7843382	8047611	8104009	7998334	1.71	cps
Holmium	165-2	3867715	3837070	3939809	3881531	1.36	cps
Indium	115-1	7832487	7671438	7650585	7718170	1.29	cps
Indium	115-2	1077519	1042338	1081515	1067124	2.02	cps
Iron	54-2	7374357	7268627	7426142	7356375	1.09	cps
Iron	56-2	134929050	135258428	133087011	134424830	0.87	cps
Iron	57-2	3365867	3409316	3328025	3367736	1.21	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICSA079 Instrumnet Name : P8
 Client Sample ID : ICSA079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 13:58:24 DataFile Name : 016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1037	883	943	954	8.10	cps
Lead	206-1	15109	15131	15376	15206	0.97	cps
Lead	207-1	11322	11655	12250	11743	4.01	cps
Lead	208-1	54662	56026	58146	56278	3.12	cps
Lithium	6-1	3182913	3154712	3315919	3217848	2.68	cps
Magnesium	24-2	12429831	12465301	12286533	12393888	0.76	cps
Manganese	55-2	6185	6522	6578	6428	3.31	cps
Molybdenum	94-1	3582129	3596387	3656221	3611579	1.09	cps
Molybdenum	95-1	6239879	6191080	6317661	6249540	1.02	cps
Molybdenum	96-1	6731414	6680173	6781748	6731112	0.75	cps
Molybdenum	97-1	3893318	3876063	3893206	3887529	0.26	cps
Molybdenum	98-1	10027093	9795436	9946100	9922876	1.18	cps
Neodymium	150-1	7	27	33	22	62.43	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	4624	4464	4417	4502	2.41	cps
Phosphorus	31-2	216239	214988	213602	214943	0.61	cps
Potassium	39-2	9533578	9342559	9410305	9428814	1.03	cps
Rhodium	103-1	7362061	7411731	7411030	7394941	0.39	cps
Rhodium	103-2	3410999	3268369	3365772	3348380	2.18	cps
Scandium	45-1	6747047	6840995	6607752	6731932	1.74	cps
Scandium	45-2	179119	168531	170810	172820	3.22	cps
Selenium	82-1	-12	111	70	56	111.22	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	51	42	45	46	9.97	cps
Silicon	28-1	776984	776749	769451	774395	0.55	cps
Silver	107-1	650	725	758	711	7.80	cps
Silver	109-1	808	717	792	772	6.32	cps
Sodium	23-2	25517198	25251170	24891767	25220045	1.24	cps
Strontium	86-1	76577	76896	78841	77438	1.58	cps
Strontium	88-1	647109	657943	663766	656273	1.29	cps
Sulfur	34-1	3306590	3294041	3258411	3286347	0.76	cps
Terbium	159-1	8600682	8336510	8517001	8484731	1.59	cps
Terbium	159-2	3902017	3692615	3861195	3818609	2.91	cps
Thallium	203-1	608	675	750	678	10.46	cps
Thallium	205-1	1317	1450	1642	1470	11.12	cps
Tin	118-1	1192	1092	1308	1197	9.06	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSA079	Instrumnet Name :	P8
Client Sample ID :	ICSA079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 13:58:24	DataFile Name :	016ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2250664	2287208	2260797	2266223	0.83	cps
Uranium	238-1	250	350	200	267	28.64	cps
Vanadium	51-2	180	250	183	204	19.32	cps
Ytterbium	172-1	33	25	8	22	57.29	cps
Ytterbium	172-2	11	6	17	11	49.99	cps
Ytterbium	176-1	883	675	700	753	15.11	cps
Ytterbium	176-2	4918	4568	4801	4762	3.74	cps
Yttrium	89-1	12780828	13040789	13115607	12979075	1.35	cps
Yttrium	89-2	1247339	1193566	1232908	1224605	2.27	cps
Zinc	66-2	2877	2820	2650	2783	4.24	cps
Zirconium	90-1	1092	900	900	964	11.48	cps
Zirconium	91-1	183	250	192	208	17.44	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : ICSAB079 Instrumnet Name : P8
 Client Sample ID : ICSAB079 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:01:19 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4127790	4095445	4143592	4122275	0.60	cps
Antimony	121-1	118529	119219	116405	118051	1.24	cps
Arsenic	75-2	3359	3342	3342	3347	0.29	cps
Barium	135-1	29558	29190	30093	29614	1.53	cps
Barium	137-1	52144	51407	51231	51594	0.94	cps
Beryllium	9-1	30257	30866	30658	30594	1.01	cps
Bismuth	209-1	3922056	3989583	4151901	4021180	2.94	cps
Bismuth	209-2	2559701	2569695	2577875	2569090	0.35	cps
Boron	10-1	9681	10438	10370	10163	4.12	cps
Boron	11-1	47964	49239	50514	49239	2.59	cps
Bromine	81-1	22622	20937	22010	21856	3.90	cps
Cadmium	111-1	26102	27074	27103	26760	2.13	cps
Cadmium	106-1	7127	6977	7169	7091	1.42	cps
Cadmium	108-1	3542	3596	3430	3523	2.41	cps
Calcium	43-1	2358916	2402911	2348525	2370118	1.22	cps
Calcium	44-1	37931756	38196922	38218047	38115575	0.42	cps
Carbon	12-1	21235942	21494595	21553422	21427986	0.79	cps
Carbon	12-2	211687	212577	210116	211460	0.59	cps
Chlorine	35-1	16255017	19215046	21101560	18857208	12.96	cps
Chlorine	35-2	142294	146410	154401	147702	4.17	cps
Chromium	52-2	72533	71464	71946	71981	0.74	cps
Cobalt	59-2	69542	66812	68393	68249	2.01	cps
Copper	63-2	66632	67111	65811	66518	0.99	cps
Dysprosium	156-1	50	8	33	31	68.64	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	108	117	92	106	12.06	cps
Erbium	164-2	23	20	37	27	33.08	cps
Gadolinium	160-1	58	42	67	56	22.91	cps
Gadolinium	160-2	53	60	53	56	6.93	cps
Holmium	165-1	7950444	7624031	8071794	7882090	2.94	cps
Holmium	165-2	4029360	3945997	3959020	3978126	1.13	cps
Indium	115-1	7466841	7516421	7826458	7603240	2.56	cps
Indium	115-2	1102084	1112158	1095977	1103406	0.74	cps
Iron	54-2	7522652	7433153	7478199	7478001	0.60	cps
Iron	56-2	138069664	138824678	133242825	136712389	2.22	cps
Iron	57-2	3480758	3463300	3396882	3446980	1.28	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSAB079	Instrumnet Name :	P8
Client Sample ID :	ICSAB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:01:19	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	937	917	939	2.49	cps
Lead	206-1	77750	79243	78968	78654	1.01	cps
Lead	207-1	64288	66141	65477	65302	1.44	cps
Lead	208-1	298512	307963	303725	303400	1.56	cps
Lithium	6-1	3383903	3155932	3391906	3310580	4.05	cps
Magnesium	24-2	12563603	12505491	12641886	12570326	0.54	cps
Manganese	55-2	22915	22551	22605	22690	0.87	cps
Molybdenum	94-1	4054161	4038294	4028672	4040376	0.32	cps
Molybdenum	95-1	6584613	6619412	6628450	6610825	0.35	cps
Molybdenum	96-1	7184130	7119329	7262167	7188542	0.99	cps
Molybdenum	97-1	4053087	3964959	4054992	4024346	1.28	cps
Molybdenum	98-1	10335552	10343999	10249751	10309767	0.51	cps
Neodymium	150-1	60	0	53	38	87.05	cps
Neodymium	150-2	13	7	3	8	65.47	cps
Nickel	60-2	21383	21473	22304	21720	2.34	cps
Phosphorus	31-2	216098	217164	220803	218022	1.13	cps
Potassium	39-2	9788752	9441098	9389090	9539647	2.28	cps
Rhodium	103-1	7366871	7186676	7503899	7352482	2.16	cps
Rhodium	103-2	3434890	3435818	3355673	3408794	1.35	cps
Scandium	45-1	6584988	6607528	6758050	6650189	1.41	cps
Scandium	45-2	183364	183598	178803	181922	1.49	cps
Selenium	82-1	2113	2238	2287	2213	4.05	cps
Selenium	77-2	53	77	37	56	36.17	cps
Selenium	78-2	237	246	243	242	1.89	cps
Silicon	28-1	1002641	1022840	1009610	1011697	1.01	cps
Silver	107-1	139229	138520	140885	139545	0.87	cps
Silver	109-1	128331	131375	132041	130583	1.51	cps
Sodium	23-2	25961787	26218436	25389325	25856516	1.64	cps
Strontium	86-1	201503	206842	203874	204073	1.31	cps
Strontium	88-1	1735784	1787728	1703301	1742271	2.44	cps
Sulfur	34-1	3315615	3400565	3309198	3341792	1.53	cps
Terbium	159-1	8274715	8327063	8355531	8319103	0.49	cps
Terbium	159-2	4148227	3953770	3942894	4014964	2.88	cps
Thallium	203-1	77886	82086	77373	79115	3.27	cps
Thallium	205-1	187313	186045	192502	188620	1.81	cps
Tin	118-1	278730	279854	276024	278203	0.71	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	ICSAB079	Instrumnet Name :	P8
Client Sample ID :	ICSAB079	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:01:19	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	2341940	2357957	2298550	2332816	1.32	cps
Uranium	238-1	604748	587861	597231	596613	1.42	cps
Vanadium	51-2	29547	29053	29427	29342	0.88	cps
Ytterbium	172-1	33	17	33	28	34.63	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	1625	1909	1650	1728	9.08	cps
Ytterbium	176-2	5240	5685	5479	5468	4.07	cps
Yttrium	89-1	12871484	13023915	12902799	12932733	0.62	cps
Yttrium	89-2	1276081	1280061	1262679	1272941	0.72	cps
Zinc	66-2	7956	7612	7976	7848	2.60	cps
Zirconium	90-1	632456	634467	640698	635873	0.68	cps
Zirconium	91-1	138647	142660	143361	141556	1.80	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCV051 Instrumnet Name : P8
 Client Sample ID : CCV051 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:04:12 DataFile Name : 018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2213500	2220588	2197550	2210546	0.53	cps
Antimony	121-1	2789648	2790610	2759266	2779841	0.64	cps
Arsenic	75-2	81999	80990	81158	81382	0.66	cps
Barium	135-1	3698513	3586579	3747525	3677539	2.24	cps
Barium	137-1	6260078	6007401	6238211	6168563	2.27	cps
Beryllium	9-1	738450	743478	738250	740059	0.40	cps
Bismuth	209-1	4322408	4165191	4244757	4244119	1.85	cps
Bismuth	209-2	2558314	2564140	2547461	2556638	0.33	cps
Boron	10-1	71099	75112	77758	74656	4.49	cps
Boron	11-1	346166	357582	377581	360443	4.41	cps
Bromine	81-1	20306	20787	21810	20968	3.66	cps
Cadmium	111-1	655814	679502	675698	670338	1.90	cps
Cadmium	106-1	80829	79849	80879	80519	0.72	cps
Cadmium	108-1	56628	56030	55252	55970	1.23	cps
Calcium	43-1	5748637	5719265	5953946	5807283	2.20	cps
Calcium	44-1	95291764	95988377	96161382	95813841	0.48	cps
Carbon	12-1	5831521	5985845	6025882	5947749	1.73	cps
Carbon	12-2	63639	64961	65647	64749	1.58	cps
Chlorine	35-1	8995901	8488941	7927607	8470816	6.31	cps
Chlorine	35-2	37282	34383	33556	35074	5.58	cps
Chromium	52-2	887883	873923	872960	878255	0.95	cps
Cobalt	59-2	1702908	1686122	1692838	1693956	0.50	cps
Copper	63-2	12616385	12593519	12609817	12606574	0.09	cps
Dysprosium	156-1	558	575	525	553	4.61	cps
Dysprosium	156-2	213	263	263	247	11.70	cps
Erbium	164-1	92	150	167	136	28.93	cps
Erbium	164-2	40	70	50	53	28.64	cps
Gadolinium	160-1	442	608	433	494	19.97	cps
Gadolinium	160-2	250	273	233	252	7.97	cps
Holmium	165-1	8070745	7912224	8182257	8055075	1.68	cps
Holmium	165-2	3955418	4069757	3962696	3995957	1.60	cps
Indium	115-1	7860342	7631856	7698085	7730095	1.52	cps
Indium	115-2	1115006	1102844	1083061	1100304	1.47	cps
Iron	54-2	9403051	9139245	9467257	9336518	1.86	cps
Iron	56-2	172069076	169845654	167148382	169687704	1.45	cps
Iron	57-2	4194614	4137851	4206903	4179789	0.88	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P8
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:04:12	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	1053	930	1001	6.37	cps
Lead	206-1	8259395	8241869	8430190	8310485	1.25	cps
Lead	207-1	7366203	7159799	7348028	7291344	1.57	cps
Lead	208-1	33331738	32424994	33469210	33075314	1.72	cps
Lithium	6-1	3309346	3146615	3140042	3198668	3.00	cps
Magnesium	24-2	32512131	32626675	32552308	32563705	0.18	cps
Manganese	55-2	4470843	4467352	4446308	4461501	0.30	cps
Molybdenum	94-1	12433044	12541004	12418754	12464267	0.54	cps
Molybdenum	95-1	18170651	18320609	18371116	18287459	0.57	cps
Molybdenum	96-1	20145123	20248918	19866689	20086910	0.98	cps
Molybdenum	97-1	11277536	11225486	11068325	11190449	0.97	cps
Molybdenum	98-1	29024227	28952704	28998659	28991863	0.13	cps
Neodymium	150-1	207	173	187	189	8.88	cps
Neodymium	150-2	17	20	23	20	16.65	cps
Nickel	60-2	438260	436876	429538	434892	1.08	cps
Phosphorus	31-2	22359	22076	21934	22123	0.98	cps
Potassium	39-2	12118130	12205927	12177731	12167263	0.37	cps
Rhodium	103-1	7561990	7276363	7299298	7379217	2.15	cps
Rhodium	103-2	3366262	3425212	3365404	3385626	1.01	cps
Scandium	45-1	6804828	6658586	6653716	6705710	1.28	cps
Scandium	45-2	183628	182392	179616	181879	1.13	cps
Selenium	82-1	57051	57117	56911	57027	0.18	cps
Selenium	77-2	1457	1413	1467	1446	1.96	cps
Selenium	78-2	5164	5274	5159	5199	1.24	cps
Silicon	28-1	3324042	3417231	3449277	3396850	1.92	cps
Silver	107-1	3728552	3852867	3659554	3746991	2.61	cps
Silver	109-1	3538590	3527579	3553348	3539839	0.37	cps
Sodium	23-2	63681889	63877241	63048751	63535960	0.68	cps
Strontium	86-1	11130310	11278546	11034562	11147806	1.10	cps
Strontium	88-1	94980713	97466975	96173163	96206950	1.29	cps
Sulfur	34-1	812384	814682	813350	813472	0.14	cps
Terbium	159-1	8485142	8539775	8583728	8536215	0.58	cps
Terbium	159-2	4001326	4028717	3962767	3997603	0.83	cps
Thallium	203-1	1946054	2035368	2045233	2008885	2.72	cps
Thallium	205-1	4585181	4732304	4703125	4673537	1.67	cps
Tin	118-1	2455149	2469359	2462490	2462332	0.29	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV051	Instrumnet Name :	P8
Client Sample ID :	CCV051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:04:12	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6261874	6254711	6067470	6194685	1.78	cps
Uranium	238-1	5987520	5879524	5970047	5945697	0.97	cps
Vanadium	51-2	744353	731168	724668	733396	1.37	cps
Ytterbium	172-1	42	75	67	61	28.38	cps
Ytterbium	172-2	11	28	17	19	45.83	cps
Ytterbium	176-1	9120	9962	9404	9495	4.51	cps
Ytterbium	176-2	9053	9348	9932	9444	4.73	cps
Yttrium	89-1	13036382	13097549	13130590	13088174	0.37	cps
Yttrium	89-2	1279640	1298042	1271434	1283038	1.06	cps
Zinc	66-2	1234319	1228116	1228559	1230331	0.28	cps
Zirconium	90-1	6008015	5945647	6001364	5985009	0.57	cps
Zirconium	91-1	1358768	1330419	1330232	1339806	1.23	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCB051 Instrumnet Name : P8
 Client Sample ID : CCB051 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:14:43 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	187	172	167	176	5.92	cps
Antimony	121-1	358	325	433	372	14.91	cps
Arsenic	75-2	5	6	6	6	10.19	cps
Barium	135-1	58	25	83	56	52.68	cps
Barium	137-1	100	133	150	128	19.93	cps
Beryllium	9-1	134	92	90	105	23.59	cps
Bismuth	209-1	4101906	4194997	4220815	4172572	1.50	cps
Bismuth	209-2	2677122	2603855	2375695	2552224	6.16	cps
Boron	10-1	2528	2542	2372	2480	3.80	cps
Boron	11-1	12579	12107	12141	12275	2.15	cps
Bromine	81-1	20957	20627	20496	20693	1.15	cps
Cadmium	111-1	587	572	566	575	1.86	cps
Cadmium	106-1	2792	2659	2717	2723	2.46	cps
Cadmium	108-1	25	38	33	32	19.92	cps
Calcium	43-1	347	316	264	309	13.69	cps
Calcium	44-1	27511	26640	26609	26920	1.90	cps
Carbon	12-1	3860155	3816831	3805663	3827550	0.75	cps
Carbon	12-2	36738	36062	35702	36167	1.45	cps
Chlorine	35-1	1582328	1528109	1505963	1538800	2.55	cps
Chlorine	35-2	8236	7944	7577	7919	4.17	cps
Chromium	52-2	773	920	727	807	12.51	cps
Cobalt	59-2	73	70	83	76	9.18	cps
Copper	63-2	697	797	803	766	7.81	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	83	75	58	72	17.63	cps
Erbium	164-2	17	37	27	27	37.50	cps
Gadolinium	160-1	33	33	8	25	57.74	cps
Gadolinium	160-2	53	80	37	57	38.57	cps
Holmium	165-1	7564016	7867601	7940224	7790614	2.56	cps
Holmium	165-2	3910809	3822589	3545939	3759779	5.06	cps
Indium	115-1	7780450	7633523	7871541	7761838	1.55	cps
Indium	115-2	1114981	1119689	1033707	1089459	4.44	cps
Iron	54-2	661	672	550	628	10.77	cps
Iron	56-2	6202	6880	4706	5929	18.75	cps
Iron	57-2	233	278	206	239	15.25	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P8
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:14:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	963	887	1183	1011	15.23	cps
Lead	206-1	772	661	828	754	11.26	cps
Lead	207-1	706	628	644	659	6.21	cps
Lead	208-1	3167	2911	2967	3015	4.46	cps
Lithium	6-1	3168338	3189705	3120208	3159417	1.13	cps
Magnesium	24-2	1325	1008	1100	1145	14.24	cps
Manganese	55-2	93	127	53	91	40.30	cps
Molybdenum	94-1	600	733	592	642	12.39	cps
Molybdenum	95-1	708	683	400	597	28.68	cps
Molybdenum	96-1	958	892	483	778	33.06	cps
Molybdenum	97-1	458	392	250	367	29.02	cps
Molybdenum	98-1	1200	825	650	892	31.51	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	100	123	127	117	12.46	cps
Phosphorus	31-2	83	92	67	81	15.80	cps
Potassium	39-2	18229	18304	17578	18037	2.21	cps
Rhodium	103-1	7690119	7661809	7710041	7687323	0.32	cps
Rhodium	103-2	3553682	3568524	3261368	3461191	5.00	cps
Scandium	45-1	6744633	6627345	6408993	6593657	2.58	cps
Scandium	45-2	176219	178975	164752	173315	4.35	cps
Selenium	82-1	27	92	-203	-28	-557.28	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	49	52	36	46	18.63	cps
Silicon	28-1	653214	648947	658759	653640	0.75	cps
Silver	107-1	192	217	150	186	18.09	cps
Silver	109-1	183	175	208	189	9.18	cps
Sodium	23-2	13515	13473	13965	13651	2.00	cps
Strontium	86-1	1775	1742	1642	1720	4.04	cps
Strontium	88-1	1992	1608	1433	1678	17.02	cps
Sulfur	34-1	440178	443066	439955	441066	0.39	cps
Terbium	159-1	8307462	8375187	8401787	8361479	0.58	cps
Terbium	159-2	3700571	3848713	3605223	3718169	3.30	cps
Thallium	203-1	417	425	500	447	10.26	cps
Thallium	205-1	1217	1142	900	1086	15.24	cps
Tin	118-1	267	275	325	289	10.92	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB051	Instrumnet Name :	P8
Client Sample ID :	CCB051	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:14:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	283	350	258	297	15.94	cps
Uranium	238-1	67	92	50	69	30.20	cps
Vanadium	51-2	27	37	20	28	30.20	cps
Ytterbium	172-1	42	42	25	36	26.65	cps
Ytterbium	172-2	33	11	17	20	56.76	cps
Ytterbium	176-1	708	717	692	706	1.80	cps
Ytterbium	176-2	4545	4773	4595	4638	2.58	cps
Yttrium	89-1	13178797	13072483	12968735	13073338	0.80	cps
Yttrium	89-2	1262465	1255580	1143942	1220662	5.45	cps
Zinc	66-2	130	140	83	118	25.68	cps
Zirconium	90-1	817	1100	892	936	15.68	cps
Zirconium	91-1	150	192	200	181	14.84	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : PB141172BL Instrumnet Name : P8
 Client Sample ID : PBW172 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:19:43 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	122	97	99	106	13.26	cps
Antimony	121-1	158	175	192	175	9.53	cps
Arsenic	75-2	3	6	6	5	34.64	cps
Barium	135-1	17	25	8	17	50.01	cps
Barium	137-1	50	17	17	28	69.27	cps
Beryllium	9-1	94	96	104	98	5.40	cps
Bismuth	209-1	4222593	4192651	3972970	4129405	3.30	cps
Bismuth	209-2	2620925	2519648	2605905	2582159	2.12	cps
Boron	10-1	1966	1972	1912	1950	1.69	cps
Boron	11-1	9103	9619	9575	9433	3.03	cps
Bromine	81-1	21579	20657	21007	21081	2.21	cps
Cadmium	111-1	632	545	593	590	7.35	cps
Cadmium	106-1	2975	2634	2884	2831	6.25	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	196	202	222	207	6.62	cps
Calcium	44-1	25084	24478	24536	24699	1.35	cps
Carbon	12-1	4180743	4062153	4047609	4096835	1.78	cps
Carbon	12-2	39279	37741	38459	38493	2.00	cps
Chlorine	35-1	1137932	1132138	1129841	1133304	0.37	cps
Chlorine	35-2	5451	5843	5893	5729	4.22	cps
Chromium	52-2	817	760	860	812	6.17	cps
Cobalt	59-2	80	50	23	51	55.47	cps
Copper	63-2	610	533	603	582	7.29	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	13	20	13	16	24.76	cps
Gadolinium	160-1	67	33	25	42	52.92	cps
Gadolinium	160-2	60	47	73	60	22.22	cps
Holmium	165-1	7852407	7804059	7702496	7786321	0.98	cps
Holmium	165-2	3773565	3780473	3858368	3804135	1.24	cps
Indium	115-1	7807739	7999402	7694976	7834039	1.96	cps
Indium	115-2	1099535	1074428	1117198	1097054	1.96	cps
Iron	54-2	433	533	422	463	13.22	cps
Iron	56-2	2967	2978	3095	3013	2.35	cps
Iron	57-2	211	211	206	209	1.53	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BL	Instrumnet Name :	P8
Client Sample ID :	PBW172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:19:43	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	970	937	943	950	1.86	cps
Lead	206-1	539	633	633	602	9.06	cps
Lead	207-1	539	550	589	559	4.69	cps
Lead	208-1	2195	2267	2283	2248	2.10	cps
Lithium	6-1	3128659	3275688	3094239	3166195	3.04	cps
Magnesium	24-2	600	625	617	614	2.07	cps
Manganese	55-2	73	70	43	62	26.43	cps
Molybdenum	94-1	342	350	317	336	5.16	cps
Molybdenum	95-1	125	167	142	144	14.52	cps
Molybdenum	96-1	225	225	275	242	11.94	cps
Molybdenum	97-1	117	92	50	86	39.11	cps
Molybdenum	98-1	275	258	275	269	3.57	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	93	73	80	82	12.39	cps
Phosphorus	31-2	92	83	75	83	10.00	cps
Potassium	39-2	17836	17252	17478	17522	1.68	cps
Rhodium	103-1	7607895	7608391	7671394	7629227	0.48	cps
Rhodium	103-2	3503396	3393496	3509837	3468910	1.89	cps
Scandium	45-1	6590097	6691399	6601254	6627584	0.84	cps
Scandium	45-2	178434	172189	175993	175539	1.79	cps
Selenium	82-1	53	53	14	40	56.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	49	56	54	8.07	cps
Silicon	28-1	653700	659221	655977	656299	0.42	cps
Silver	107-1	258	217	325	267	20.49	cps
Silver	109-1	167	183	250	200	22.05	cps
Sodium	23-2	11897	11955	11838	11897	0.49	cps
Strontium	86-1	1392	1658	1517	1522	8.77	cps
Strontium	88-1	308	308	292	303	3.18	cps
Sulfur	34-1	448328	445786	443225	445780	0.57	cps
Terbium	159-1	8043889	8185866	8085339	8105031	0.90	cps
Terbium	159-2	3878531	3580569	3817910	3759003	4.19	cps
Thallium	203-1	317	358	458	378	19.27	cps
Thallium	205-1	725	925	850	833	12.12	cps
Tin	118-1	458	433	342	411	14.94	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BL	Instrumnet Name :	P8
Client Sample ID :	PBW172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:19:43	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	208	133	267	203	32.96	cps
Uranium	238-1	17	25	8	17	50.01	cps
Vanadium	51-2	10	3	7	7	50.03	cps
Ytterbium	172-1	17	33	8	19	65.47	cps
Ytterbium	172-2	6	0	6	4	86.60	cps
Ytterbium	176-1	808	667	750	742	9.60	cps
Ytterbium	176-2	4612	4467	4834	4638	3.98	cps
Yttrium	89-1	13067861	12818360	12736799	12874340	1.34	cps
Yttrium	89-2	1243560	1221783	1246756	1237366	1.10	cps
Zinc	66-2	110	107	110	109	1.77	cps
Zirconium	90-1	825	717	817	786	7.67	cps
Zirconium	91-1	167	200	167	178	10.83	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : PB141172BS Instrumnet Name : P8
 Client Sample ID : LCS172 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:22:48 DataFile Name : 021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1779	1734	1954	1822	6.38	cps
Antimony	121-1	20524	19589	19840	19985	2.42	cps
Arsenic	75-2	290	329	327	315	6.97	cps
Barium	135-1	25533	25341	24673	25182	1.79	cps
Barium	137-1	42041	42669	41674	42128	1.19	cps
Beryllium	9-1	2734	2918	3072	2908	5.82	cps
Bismuth	209-1	3989368	4034379	3923248	3982332	1.40	cps
Bismuth	209-2	2481204	2604111	2566521	2550612	2.47	cps
Boron	10-1	7112	7576	7803	7497	4.69	cps
Boron	11-1	34271	37338	39184	36931	6.72	cps
Bromine	81-1	20667	20968	20556	20730	1.03	cps
Cadmium	111-1	3190	3163	3203	3185	0.65	cps
Cadmium	106-1	3359	3109	3075	3181	4.87	cps
Cadmium	108-1	213	192	196	200	5.51	cps
Calcium	43-1	20243	20592	21110	20648	2.11	cps
Calcium	44-1	362234	369048	360906	364063	1.20	cps
Carbon	12-1	4116466	4256928	4290620	4221338	2.19	cps
Carbon	12-2	40858	39094	41083	40345	2.70	cps
Chlorine	35-1	956042	942278	942606	946975	0.83	cps
Chlorine	35-2	5259	5043	4926	5076	3.33	cps
Chromium	52-2	7375	7419	7485	7426	0.75	cps
Cobalt	59-2	6201	6448	6311	6320	1.96	cps
Copper	63-2	10601	10617	11121	10780	2.74	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	33	44	28.64	cps
Erbium	164-2	10	7	20	12	56.76	cps
Gadolinium	160-1	0	42	17	19	107.85	cps
Gadolinium	160-2	53	53	53	53	0.00	cps
Holmium	165-1	7368396	7443080	7327807	7379761	0.79	cps
Holmium	165-2	3709764	3740501	3813501	3754588	1.42	cps
Indium	115-1	7511117	7469037	7692365	7557506	1.57	cps
Indium	115-2	1078848	1092389	1099590	1090276	0.97	cps
Iron	54-2	32153	33005	32983	32714	1.48	cps
Iron	56-2	585762	593343	593045	590717	0.73	cps
Iron	57-2	14724	15208	15737	15223	3.33	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BS	Instrumnet Name :	P8
Client Sample ID :	LCS172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:22:48	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	917	913	1040	957	7.55	cps
Lead	206-1	7013	7013	6824	6950	1.57	cps
Lead	207-1	6202	5985	6430	6205	3.58	cps
Lead	208-1	28785	27662	27567	28005	2.42	cps
Lithium	6-1	3129536	3170623	3139270	3146476	0.68	cps
Magnesium	24-2	126219	124337	125279	125278	0.75	cps
Manganese	55-2	1813	1753	2017	1861	7.42	cps
Molybdenum	94-1	25967	25716	25916	25866	0.51	cps
Molybdenum	95-1	31428	30517	31587	31177	1.85	cps
Molybdenum	96-1	34418	34293	34744	34485	0.68	cps
Molybdenum	97-1	18613	19606	18521	18913	3.18	cps
Molybdenum	98-1	48895	49447	48686	49009	0.80	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1990	1790	1817	1866	5.82	cps
Phosphorus	31-2	192	158	150	167	13.23	cps
Potassium	39-2	110110	111051	108751	109971	1.05	cps
Rhodium	103-1	7688904	7614433	7451406	7584914	1.60	cps
Rhodium	103-2	3428957	3625461	3500526	3518315	2.83	cps
Scandium	45-1	6408881	6373317	6413975	6398724	0.35	cps
Scandium	45-2	173487	178697	179395	177193	1.82	cps
Selenium	82-1	1112	1081	1013	1069	4.75	cps
Selenium	77-2	33	17	40	30	40.05	cps
Selenium	78-2	142	153	158	151	5.42	cps
Silicon	28-1	750440	749429	757183	752351	0.56	cps
Silver	107-1	13006	13040	13640	13229	2.70	cps
Silver	109-1	12181	12356	13440	12659	5.39	cps
Sodium	23-2	255692	251697	256544	254644	1.02	cps
Strontium	86-1	6160	5468	5768	5799	5.98	cps
Strontium	88-1	35671	36140	36365	36059	0.98	cps
Sulfur	34-1	451368	449635	448581	449862	0.31	cps
Terbium	159-1	8224905	8042873	7978866	8082215	1.58	cps
Terbium	159-2	3634749	3696903	3846724	3726125	2.92	cps
Thallium	203-1	7903	7561	6885	7450	6.95	cps
Thallium	205-1	17045	17304	17479	17276	1.26	cps
Tin	118-1	45309	45627	44807	45248	0.91	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	PB141172BS	Instrumnet Name :	P8
Client Sample ID :	LCS172	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:22:48	DataFile Name :	021LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	10738	11363	10479	10860	4.19	cps
Uranium	238-1	19031	19424	19307	19254	1.05	cps
Vanadium	51-2	13994	13917	13677	13862	1.19	cps
Ytterbium	172-1	8	0	25	11	114.58	cps
Ytterbium	172-2	17	11	11	13	24.76	cps
Ytterbium	176-1	833	925	875	878	5.23	cps
Ytterbium	176-2	4345	4951	4812	4703	6.75	cps
Yttrium	89-1	12392498	12599451	12537494	12509814	0.85	cps
Yttrium	89-2	1225744	1246515	1263073	1245111	1.50	cps
Zinc	66-2	2934	2900	3164	2999	4.78	cps
Zirconium	90-1	22335	21851	21860	22015	1.26	cps
Zirconium	91-1	5018	4826	4701	4848	3.29	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : M4941-01 Instrumnet Name : P8
 Client Sample ID : JDGG4 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:25:52 DataFile Name : 022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	630	665	631	642	3.09	cps
Antimony	121-1	308	383	442	378	17.69	cps
Arsenic	75-2	44	40	43	42	4.92	cps
Barium	135-1	231557	239200	240609	237122	2.05	cps
Barium	137-1	412418	413537	410523	412159	0.37	cps
Beryllium	9-1	136	108	86	110	22.78	cps
Bismuth	209-1	3777817	4052888	3908218	3912974	3.52	cps
Bismuth	209-2	2482388	2478336	2509371	2490032	0.68	cps
Boron	10-1	11522	12261	12405	12063	3.92	cps
Boron	11-1	57998	60227	63412	60546	4.49	cps
Bromine	81-1	251796	303064	349149	301336	16.16	cps
Cadmium	111-1	660	636	642	646	1.89	cps
Cadmium	106-1	2900	2850	2917	2889	1.20	cps
Cadmium	108-1	29	54	42	42	30.00	cps
Calcium	43-1	1689372	1705531	1752054	1715652	1.90	cps
Calcium	44-1	27456502	28010525	27632922	27699983	1.02	cps
Carbon	12-1	16594018	17807929	18659970	17687305	5.87	cps
Carbon	12-2	186449	183260	183824	184511	0.92	cps
Chlorine	35-1	1132077	1158820	1204230	1165042	3.13	cps
Chlorine	35-2	7160	7235	7927	7441	5.68	cps
Chromium	52-2	4858	4604	4631	4697	2.96	cps
Cobalt	59-2	333	310	323	322	3.63	cps
Copper	63-2	1337	1370	1367	1358	1.35	cps
Dysprosium	156-1	83	42	33	53	50.76	cps
Dysprosium	156-2	17	43	53	38	50.16	cps
Erbium	164-1	83	117	83	94	20.37	cps
Erbium	164-2	70	30	50	50	40.00	cps
Gadolinium	160-1	58	100	125	94	35.66	cps
Gadolinium	160-2	87	97	80	88	9.56	cps
Holmium	165-1	7244675	7624465	7255528	7374889	2.93	cps
Holmium	165-2	3753283	3711519	3664084	3709629	1.20	cps
Indium	115-1	7060228	7733712	7401414	7398451	4.55	cps
Indium	115-2	1075411	1078499	1058260	1070723	1.02	cps
Iron	54-2	3506	3206	3267	3326	4.77	cps
Iron	56-2	52909	53450	51359	52573	2.06	cps
Iron	57-2	3045	3395	3523	3321	7.45	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-01	Instrumnet Name :	P8
Client Sample ID :	JDGG4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:25:52	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1187	1040	1020	1082	8.41	cps
Lead	206-1	828	706	750	761	8.13	cps
Lead	207-1	717	617	689	674	7.66	cps
Lead	208-1	3211	3089	3028	3109	3.00	cps
Lithium	6-1	3037450	3287227	3059026	3127901	4.42	cps
Magnesium	24-2	2698950	2701146	2597435	2665843	2.22	cps
Manganese	55-2	47322	47298	47612	47411	0.37	cps
Molybdenum	94-1	1217	1033	1017	1089	10.19	cps
Molybdenum	95-1	1092	1158	1225	1158	5.76	cps
Molybdenum	96-1	1392	1392	1492	1425	4.05	cps
Molybdenum	97-1	767	517	675	653	19.38	cps
Molybdenum	98-1	1834	1525	1842	1733	10.41	cps
Neodymium	150-1	73	93	127	98	27.55	cps
Neodymium	150-2	13	13	30	19	50.96	cps
Nickel	60-2	2690	2454	2460	2535	5.32	cps
Phosphorus	31-2	158	217	117	164	30.65	cps
Potassium	39-2	176892	175761	173831	175494	0.88	cps
Rhodium	103-1	7161499	7501452	7134165	7265705	2.82	cps
Rhodium	103-2	3401793	3390661	3418245	3403566	0.41	cps
Scandium	45-1	6266428	6620889	6122586	6336634	4.05	cps
Scandium	45-2	176276	175528	172537	174780	1.13	cps
Selenium	82-1	27	165	137	110	66.82	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	44	35	37	39	12.22	cps
Silicon	28-1	67660027	67989418	70296045	68648497	2.09	cps
Silver	107-1	208	283	183	225	23.13	cps
Silver	109-1	233	192	117	181	32.74	cps
Sodium	23-2	3212591	3206778	3096665	3172011	2.06	cps
Strontium	86-1	684205	704075	714654	700978	2.21	cps
Strontium	88-1	5956693	5996251	6199139	6050694	2.15	cps
Sulfur	34-1	912402	928998	931254	924218	1.11	cps
Terbium	159-1	7766371	8070942	7723524	7853613	2.41	cps
Terbium	159-2	3710863	3694805	3665151	3690273	0.63	cps
Thallium	203-1	383	342	267	331	17.89	cps
Thallium	205-1	708	725	733	722	1.76	cps
Tin	118-1	3459	3526	3926	3637	6.95	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-01	Instrumnet Name :	P8
Client Sample ID :	JDGG4	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:25:52	DataFile Name :	022AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	1892	1558	1858	1770	10.38	cps
Uranium	238-1	19616	18814	19799	19410	2.70	cps
Vanadium	51-2	1653	1617	1553	1608	3.15	cps
Ytterbium	172-1	58	50	50	53	9.12	cps
Ytterbium	172-2	50	6	39	31	73.46	cps
Ytterbium	176-1	825	950	742	839	12.50	cps
Ytterbium	176-2	4651	4673	5012	4779	4.24	cps
Yttrium	89-1	12253010	12860497	12311792	12475100	2.69	cps
Yttrium	89-2	1229089	1216085	1220772	1221982	0.54	cps
Zinc	66-2	547	457	533	512	9.48	cps
Zirconium	90-1	892	1008	1033	978	7.73	cps
Zirconium	91-1	183	258	117	186	38.08	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : M4941-02 Instrumnet Name : P8
 Client Sample ID : JDGG5 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:28:50 DataFile Name : 023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	159	165	166	163	2.46	cps
Antimony	121-1	217	125	125	156	34.02	cps
Arsenic	75-2	200	200	180	193	5.97	cps
Barium	135-1	10429	10421	10654	10502	1.26	cps
Barium	137-1	17512	18739	18480	18243	3.54	cps
Beryllium	9-1	110	82	98	97	14.53	cps
Bismuth	209-1	3932122	3740936	4005981	3893013	3.51	cps
Bismuth	209-2	2547131	2534608	2557430	2546390	0.45	cps
Boron	10-1	3248	3110	3140	3166	2.29	cps
Boron	11-1	15972	15347	14706	15342	4.12	cps
Bromine	81-1	72773	67159	60532	66821	9.17	cps
Cadmium	111-1	585	672	618	625	7.04	cps
Cadmium	106-1	2717	2909	2867	2831	3.56	cps
Cadmium	108-1	125	79	79	94	28.02	cps
Calcium	43-1	593001	610097	612813	605304	1.77	cps
Calcium	44-1	9902532	10097552	10031356	10010480	0.99	cps
Carbon	12-1	9834839	10832801	11295146	10654262	7.01	cps
Carbon	12-2	113243	116158	116066	115156	1.44	cps
Chlorine	35-1	973360	971343	975360	973354	0.21	cps
Chlorine	35-2	5418	5051	5134	5201	3.70	cps
Chromium	52-2	1367	1430	1463	1420	3.46	cps
Cobalt	59-2	50	57	60	56	9.17	cps
Copper	63-2	34539	34996	34509	34681	0.79	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	92	92	78	30.93	cps
Erbium	164-2	27	23	33	28	18.33	cps
Gadolinium	160-1	83	8	33	42	91.66	cps
Gadolinium	160-2	60	53	50	54	9.35	cps
Holmium	165-1	7598925	7151704	7570943	7440524	3.37	cps
Holmium	165-2	3669016	3818469	3933529	3807005	3.48	cps
Indium	115-1	7676699	7032596	7351911	7353735	4.38	cps
Indium	115-2	1082702	1096176	1096739	1091872	0.73	cps
Iron	54-2	794	656	744	732	9.62	cps
Iron	56-2	8425	8653	7980	8353	4.10	cps
Iron	57-2	1017	1000	894	970	6.83	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02	Instrumnet Name :	P8
Client Sample ID :	JDGG5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:28:50	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	880	877	920	892	2.70	cps
Lead	206-1	1067	1100	1061	1076	1.95	cps
Lead	207-1	972	972	1039	995	3.87	cps
Lead	208-1	4528	4417	4567	4504	1.73	cps
Lithium	6-1	3168526	3038848	3118904	3108759	2.10	cps
Magnesium	24-2	660778	646518	654096	653797	1.09	cps
Manganese	55-2	833	913	920	889	5.43	cps
Molybdenum	94-1	142711	148226	147042	145993	1.99	cps
Molybdenum	95-1	248891	263837	254779	255836	2.94	cps
Molybdenum	96-1	272705	270598	274564	272622	0.73	cps
Molybdenum	97-1	156907	155776	161222	157968	1.82	cps
Molybdenum	98-1	403835	410053	410179	408022	0.89	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	150	177	133	153	14.25	cps
Phosphorus	31-2	108	158	133	133	18.75	cps
Potassium	39-2	107247	106138	108254	107213	0.99	cps
Rhodium	103-1	7645567	7011874	7306264	7321235	4.33	cps
Rhodium	103-2	3410982	3447860	3433805	3430882	0.54	cps
Scandium	45-1	6426340	6054911	6301978	6261076	3.02	cps
Scandium	45-2	171790	176001	171377	173056	1.48	cps
Selenium	82-1	91	114	15	73	71.05	cps
Selenium	77-2	3	7	3	4	43.40	cps
Selenium	78-2	57	34	62	51	29.29	cps
Silicon	28-1	42579916	44642304	43759749	43660656	2.37	cps
Silver	107-1	200	200	208	203	2.37	cps
Silver	109-1	125	92	133	117	18.90	cps
Sodium	23-2	3187473	3146010	3174100	3169194	0.67	cps
Strontium	86-1	346381	353724	350202	350102	1.05	cps
Strontium	88-1	2936388	3032516	2980927	2983277	1.61	cps
Sulfur	34-1	503221	492603	495352	497058	1.11	cps
Terbium	159-1	8299484	7309832	7911848	7840388	6.36	cps
Terbium	159-2	3697943	3736028	3708108	3714027	0.53	cps
Thallium	203-1	267	192	233	231	16.30	cps
Thallium	205-1	467	550	617	544	13.80	cps
Tin	118-1	575	650	558	594	8.21	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02	Instrumnet Name :	P8
Client Sample ID :	JDGG5	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:28:50	DataFile Name :	023AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	908	775	950	878	10.41	cps
Uranium	238-1	394551	402024	407327	401301	1.60	cps
Vanadium	51-2	6201	5988	5845	6011	2.99	cps
Ytterbium	172-1	25	0	42	22	94.38	cps
Ytterbium	172-2	28	28	22	26	12.38	cps
Ytterbium	176-1	733	867	733	778	9.90	cps
Ytterbium	176-2	4701	4801	5212	4905	5.52	cps
Yttrium	89-1	12870086	11667776	12381840	12306567	4.91	cps
Yttrium	89-2	1211940	1223501	1230364	1221935	0.76	cps
Zinc	66-2	20986	21436	21567	21330	1.43	cps
Zirconium	90-1	850	850	767	822	5.85	cps
Zirconium	91-1	217	167	183	189	13.48	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : M4941-03 Instrumnet Name : P8
 Client Sample ID : JDGG5D Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:31:50 DataFile Name : 024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	165	170	161	165	2.65	cps
Antimony	121-1	133	167	267	189	36.74	cps
Arsenic	75-2	198	192	163	184	10.15	cps
Barium	135-1	11030	11564	10996	11197	2.84	cps
Barium	137-1	17470	18471	19581	18508	5.71	cps
Beryllium	9-1	74	94	68	79	17.30	cps
Bismuth	209-1	4131574	4153269	4027753	4104199	1.63	cps
Bismuth	209-2	2592797	2525257	2573964	2564006	1.36	cps
Boron	10-1	2278	2260	2266	2268	0.40	cps
Boron	11-1	11492	11396	10906	11265	2.79	cps
Bromine	81-1	34970	33856	34789	34538	1.73	cps
Cadmium	111-1	662	656	607	642	4.68	cps
Cadmium	106-1	3017	3150	2817	2995	5.60	cps
Cadmium	108-1	71	113	63	82	32.69	cps
Calcium	43-1	610648	615433	618617	614899	0.65	cps
Calcium	44-1	9931625	10090614	10015407	10012548	0.79	cps
Carbon	12-1	10201492	10911321	11226768	10779860	4.87	cps
Carbon	12-2	116812	116335	114780	115976	0.92	cps
Chlorine	35-1	880670	872278	872179	875042	0.56	cps
Chlorine	35-2	4868	4659	4501	4676	3.93	cps
Chromium	52-2	1380	1457	1430	1422	2.74	cps
Cobalt	59-2	83	57	60	67	21.80	cps
Copper	63-2	33997	34342	34331	34223	0.57	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	40	27	30	32	21.53	cps
Gadolinium	160-1	50	58	25	44	39.03	cps
Gadolinium	160-2	57	70	80	69	16.99	cps
Holmium	165-1	7596175	7666736	7257734	7506882	2.91	cps
Holmium	165-2	3856429	3732004	3810674	3799702	1.66	cps
Indium	115-1	7752706	7467485	7505716	7575302	2.04	cps
Indium	115-2	1093018	1072364	1083699	1083027	0.96	cps
Iron	54-2	622	656	767	682	11.10	cps
Iron	56-2	8330	8386	7886	8201	3.34	cps
Iron	57-2	894	1122	1139	1052	12.98	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-03	Instrumnet Name :	P8
Client Sample ID :	JDGG5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:31:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1020	993	967	993	2.68	cps
Lead	206-1	1156	1083	1095	1111	3.50	cps
Lead	207-1	1117	1078	1006	1067	5.29	cps
Lead	208-1	4662	4828	4350	4613	5.26	cps
Lithium	6-1	3092100	3209414	3000568	3100694	3.38	cps
Magnesium	24-2	645627	649753	662402	652594	1.34	cps
Manganese	55-2	647	767	757	723	9.20	cps
Molybdenum	94-1	149407	148682	150098	149395	0.47	cps
Molybdenum	95-1	249715	262433	256339	256163	2.48	cps
Molybdenum	96-1	275587	279312	281861	278920	1.13	cps
Molybdenum	97-1	161433	157934	160492	159953	1.13	cps
Molybdenum	98-1	410626	403350	420415	411464	2.08	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	137	117	107	120	12.73	cps
Phosphorus	31-2	175	125	175	158	18.23	cps
Potassium	39-2	107600	108381	109615	108532	0.94	cps
Rhodium	103-1	7490241	7386246	7198829	7358439	2.01	cps
Rhodium	103-2	3354588	3445042	3382960	3394196	1.36	cps
Scandium	45-1	6575360	6463742	6220114	6419739	2.83	cps
Scandium	45-2	175913	173559	175413	174962	0.71	cps
Selenium	82-1	-13	-22	28	-2	-1190.45	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	53	54	68	58	14.37	cps
Silicon	28-1	43221156	43133573	43093783	43149504	0.15	cps
Silver	107-1	242	150	100	164	43.84	cps
Silver	109-1	100	150	100	117	24.74	cps
Sodium	23-2	3131923	3233323	3186581	3183942	1.59	cps
Strontium	86-1	350797	355968	367474	358080	2.38	cps
Strontium	88-1	2957293	3058992	3116251	3044179	2.64	cps
Sulfur	34-1	481446	485977	485843	484422	0.53	cps
Terbium	159-1	8411180	7898031	8028222	8112478	3.29	cps
Terbium	159-2	3827873	3688801	3709422	3742032	2.01	cps
Thallium	203-1	183	142	225	183	22.73	cps
Thallium	205-1	500	492	408	467	10.86	cps
Tin	118-1	750	650	692	697	7.20	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-03	Instrumnet Name :	P8
Client Sample ID :	JDGG5D	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:31:50	DataFile Name :	024AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	992	817	825	878	11.25	cps
Uranium	238-1	410399	414497	415192	413363	0.63	cps
Vanadium	51-2	6105	6035	6171	6104	1.12	cps
Ytterbium	172-1	25	33	42	33	25.01	cps
Ytterbium	172-2	11	17	28	19	45.83	cps
Ytterbium	176-1	717	658	858	744	13.82	cps
Ytterbium	176-2	4423	4823	4934	4727	5.69	cps
Yttrium	89-1	12334670	12411083	12483186	12409646	0.60	cps
Yttrium	89-2	1239653	1213223	1246581	1233152	1.43	cps
Zinc	66-2	20865	21286	21540	21230	1.60	cps
Zirconium	90-1	733	825	950	836	13.01	cps
Zirconium	91-1	192	233	150	192	21.74	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	116	115	110	8.19	cps
Antimony	121-1	75	108	67	83	26.46	cps
Arsenic	75-2	52	35	37	41	22.49	cps
Barium	135-1	2009	2050	2167	2075	3.96	cps
Barium	137-1	3942	3584	3359	3628	8.11	cps
Beryllium	9-1	94	88	92	91	3.35	cps
Bismuth	209-1	3985381	4271162	4086289	4114277	3.52	cps
Bismuth	209-2	2614282	2622351	2654684	2630439	0.81	cps
Boron	10-1	1762	1756	1568	1695	6.51	cps
Boron	11-1	8271	8249	7977	8165	2.01	cps
Bromine	81-1	26612	26893	25610	26372	2.56	cps
Cadmium	111-1	607	613	579	599	3.01	cps
Cadmium	106-1	2892	2925	2875	2898	0.88	cps
Cadmium	108-1	25	50	54	43	36.64	cps
Calcium	43-1	119934	120060	118606	119534	0.67	cps
Calcium	44-1	2032169	2046694	2012848	2030570	0.84	cps
Carbon	12-1	5775964	5752546	5645181	5724564	1.22	cps
Carbon	12-2	55823	54828	56493	55715	1.50	cps
Chlorine	35-1	694657	685104	690991	690250	0.70	cps
Chlorine	35-2	3409	4001	3867	3759	8.26	cps
Chromium	52-2	940	940	883	921	3.55	cps
Cobalt	59-2	47	70	67	61	20.65	cps
Copper	63-2	7209	7038	7609	7285	4.02	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	75	17	50	60.09	cps
Erbium	164-2	13	20	27	20	33.35	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	53	73	30	52	41.53	cps
Holmium	165-1	7334463	7678529	7508739	7507244	2.29	cps
Holmium	165-2	3815292	3786347	3872517	3824719	1.15	cps
Indium	115-1	7236123	7557669	7504751	7432848	2.32	cps
Indium	115-2	1111597	1105036	1103634	1106756	0.38	cps
Iron	54-2	461	433	467	454	3.94	cps
Iron	56-2	3706	3634	3667	3669	0.99	cps
Iron	57-2	350	411	339	367	10.61	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1053	883	973	970	8.77	cps
Lead	206-1	561	556	567	561	0.99	cps
Lead	207-1	567	661	583	604	8.35	cps
Lead	208-1	2417	2550	2483	2483	2.68	cps
Lithium	6-1	3129744	3131163	3176465	3145791	0.84	cps
Magnesium	24-2	126151	125958	124571	125560	0.69	cps
Manganese	55-2	200	147	170	172	15.52	cps
Molybdenum	94-1	29899	29958	28597	29485	2.61	cps
Molybdenum	95-1	50233	50594	51228	50685	0.99	cps
Molybdenum	96-1	53579	53830	54842	54084	1.24	cps
Molybdenum	97-1	31136	32097	30443	31225	2.66	cps
Molybdenum	98-1	79437	79251	79361	79349	0.12	cps
Neodymium	150-1	7	7	13	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	103	90	120	104	14.39	cps
Phosphorus	31-2	92	125	75	97	26.19	cps
Potassium	39-2	34174	35051	33631	34286	2.09	cps
Rhodium	103-1	7192239	7423147	7453870	7356419	1.94	cps
Rhodium	103-2	3447405	3452778	3520497	3473560	1.17	cps
Scandium	45-1	6227917	6225587	6198163	6217222	0.27	cps
Scandium	45-2	178384	172594	173872	174950	1.74	cps
Selenium	82-1	-61	73	1	5	1440.24	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	51	49	50	50	2.00	cps
Silicon	28-1	8874294	9238345	8944007	9018882	2.14	cps
Silver	107-1	200	125	150	158	24.12	cps
Silver	109-1	133	125	100	119	14.53	cps
Sodium	23-2	628324	639228	630346	632633	0.92	cps
Strontium	86-1	68343	70880	70428	69884	1.94	cps
Strontium	88-1	585304	591018	584439	586920	0.61	cps
Sulfur	34-1	417615	425597	426024	423079	1.12	cps
Terbium	159-1	7830633	7857668	8092302	7926868	1.82	cps
Terbium	159-2	3821559	3732397	3814150	3789369	1.31	cps
Thallium	203-1	292	308	183	261	25.99	cps
Thallium	205-1	500	483	483	489	1.97	cps
Tin	118-1	358	358	442	386	12.46	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-02LX5	Instrumnet Name :	P8
Client Sample ID :	JDGG5L	Dilution Factor :	5
Date & Time Acquired ::	2021-12-04 14:34:53	DataFile Name :	025AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	292	400	283	325	20.03	cps
Uranium	238-1	79568	79945	79038	79517	0.57	cps
Vanadium	51-2	1187	1053	1173	1138	6.45	cps
Ytterbium	172-1	33	33	17	28	34.63	cps
Ytterbium	172-2	11	0	17	9	91.66	cps
Ytterbium	176-1	633	700	908	747	19.20	cps
Ytterbium	176-2	4590	4840	5084	4838	5.11	cps
Yttrium	89-1	12226284	13134472	12569599	12643452	3.63	cps
Yttrium	89-2	1248631	1226803	1245902	1240445	0.96	cps
Zinc	66-2	4381	4307	3884	4191	6.40	cps
Zirconium	90-1	667	675	708	683	3.23	cps
Zirconium	91-1	133	225	192	183	25.31	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	82602	81869	83641	82704	1.08	cps
Antimony	121-1	536003	546447	530652	537701	1.49	cps
Arsenic	75-2	6731	6650	6511	6631	1.68	cps
Barium	135-1	2776679	2713862	2822459	2771000	1.97	cps
Barium	137-1	4771798	4522865	4893711	4729458	4.00	cps
Beryllium	9-1	70357	71930	73666	71985	2.30	cps
Bismuth	209-1	4052634	4117522	4081638	4083931	0.80	cps
Bismuth	209-2	2533445	2520239	2470980	2508221	1.31	cps
Boron	10-1	1438	1546	1710	1564	8.75	cps
Boron	11-1	7266	7640	7638	7515	2.87	cps
Bromine	81-1	26392	27706	28358	27485	3.64	cps
Cadmium	111-1	65183	64193	66504	65293	1.78	cps
Cadmium	106-1	8878	8661	8536	8692	1.99	cps
Cadmium	108-1	4467	4559	4517	4515	1.02	cps
Calcium	43-1	633380	642469	647278	641042	1.10	cps
Calcium	44-1	10315814	10654903	10988267	10652995	3.16	cps
Carbon	12-1	9051207	10039888	10209195	9766763	6.40	cps
Carbon	12-2	107450	108777	110281	108836	1.30	cps
Chlorine	35-1	3566129	4362017	5139626	4355924	18.06	cps
Chlorine	35-2	37382	40482	44210	40692	8.40	cps
Chromium	52-2	350464	351256	352279	351333	0.26	cps
Cobalt	59-2	1649092	1655854	1632560	1645836	0.73	cps
Copper	63-2	643199	634612	634792	637534	0.77	cps
Dysprosium	156-1	50	25	8	28	75.51	cps
Dysprosium	156-2	27	10	20	19	44.42	cps
Erbium	164-1	75	83	92	83	10.00	cps
Erbium	164-2	23	23	47	31	43.32	cps
Gadolinium	160-1	33	83	17	44	78.07	cps
Gadolinium	160-2	77	80	57	71	17.74	cps
Holmium	165-1	7246791	7600227	7535997	7461005	2.52	cps
Holmium	165-2	3782819	3813168	3719129	3771705	1.27	cps
Indium	115-1	7267883	7297196	7300094	7288391	0.24	cps
Indium	115-2	1072402	1081649	1070788	1074946	0.55	cps
Iron	54-2	87198	84666	86304	86056	1.49	cps
Iron	56-2	1353695	1352824	1370476	1358998	0.73	cps
Iron	57-2	34692	34458	33840	34330	1.28	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1017	1013	933	988	4.78	cps
Lead	206-1	59783	62708	61272	61255	2.39	cps
Lead	207-1	54270	54766	56022	55019	1.64	cps
Lead	208-1	244949	248978	248820	247582	0.92	cps
Lithium	6-1	2980056	3024419	3081051	3028509	1.67	cps
Magnesium	24-2	680889	687075	687221	685062	0.53	cps
Manganese	55-2	409662	413547	413813	412340	0.56	cps
Molybdenum	94-1	154030	152611	156602	154415	1.31	cps
Molybdenum	95-1	264658	275357	268411	269475	2.01	cps
Molybdenum	96-1	292764	290734	286310	289936	1.14	cps
Molybdenum	97-1	164393	165724	169189	166435	1.49	cps
Molybdenum	98-1	427325	427901	439938	431721	1.65	cps
Neodymium	150-1	133	107	140	127	13.92	cps
Neodymium	150-2	10	13	10	11	17.30	cps
Nickel	60-2	429869	437822	430235	432642	1.04	cps
Phosphorus	31-2	133	192	258	194	32.17	cps
Potassium	39-2	112092	111799	113655	112515	0.89	cps
Rhodium	103-1	6960064	7130451	7179300	7089938	1.62	cps
Rhodium	103-2	3383782	3449925	3346116	3393275	1.55	cps
Scandium	45-1	6105436	6159624	6312799	6192620	1.74	cps
Scandium	45-2	167783	171423	171062	170089	1.18	cps
Selenium	82-1	10382	10355	10472	10403	0.59	cps
Selenium	77-2	263	260	340	288	15.73	cps
Selenium	78-2	1058	995	957	1003	5.08	cps
Silicon	28-1	46363002	46619393	46045590	46342661	0.62	cps
Silver	107-1	427463	441037	446306	438269	2.22	cps
Silver	109-1	413342	416344	418046	415911	0.57	cps
Sodium	23-2	3328113	3342746	3342056	3337638	0.25	cps
Strontium	86-1	362301	368120	373568	367996	1.53	cps
Strontium	88-1	3016492	3137107	3146704	3100101	2.34	cps
Sulfur	34-1	504669	502790	505135	504198	0.25	cps
Terbium	159-1	7808112	7938158	7672300	7806190	1.70	cps
Terbium	159-2	3695170	3775518	3662687	3711125	1.57	cps
Thallium	203-1	191670	183936	189093	188233	2.09	cps
Thallium	205-1	448409	450396	450867	449891	0.29	cps
Tin	118-1	2059	2067	2159	2095	2.65	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	M4941-04	Instrumnet Name :	P8
Client Sample ID :	JDGG5S	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:46:24	DataFile Name :	027AREF.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	833	875	925	878	5.23	cps
Uranium	238-1	441858	430040	425763	432554	1.93	cps
Vanadium	51-2	716787	723130	708367	716094	1.03	cps
Ytterbium	172-1	42	50	33	42	20.00	cps
Ytterbium	172-2	22	17	22	20	15.73	cps
Ytterbium	176-1	583	625	725	644	11.30	cps
Ytterbium	176-2	4695	4384	4773	4618	4.46	cps
Yttrium	89-1	11781951	12300871	12132898	12071907	2.19	cps
Yttrium	89-2	1206501	1220799	1195562	1207621	1.05	cps
Zinc	66-2	146287	147001	146049	146446	0.34	cps
Zirconium	90-1	833	908	733	825	10.64	cps
Zirconium	91-1	183	208	200	197	6.45	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCV052 Instrumnet Name : P8
 Client Sample ID : CCV052 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:53:00 DataFile Name : 029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2188445	2151958	2175010	2171804	0.85	cps
Antimony	121-1	2668383	2703385	2692132	2687967	0.66	cps
Arsenic	75-2	80119	78282	78004	78802	1.46	cps
Barium	135-1	3458737	3525368	3614580	3532895	2.21	cps
Barium	137-1	5893816	6082379	5969283	5981826	1.59	cps
Beryllium	9-1	731818	734486	723362	729889	0.80	cps
Bismuth	209-1	3955282	3963999	3781237	3900173	2.64	cps
Bismuth	209-2	2440214	2517231	2467070	2474839	1.58	cps
Boron	10-1	67792	73078	75210	72027	5.30	cps
Boron	11-1	333708	354292	354777	347592	3.46	cps
Bromine	81-1	21268	21599	22471	21779	2.85	cps
Cadmium	111-1	657299	660546	654265	657370	0.48	cps
Cadmium	106-1	79112	79672	78875	79220	0.52	cps
Cadmium	108-1	54868	55332	55541	55247	0.62	cps
Calcium	43-1	5739280	5723525	5600270	5687692	1.34	cps
Calcium	44-1	93484697	91832951	91778030	92365226	1.05	cps
Carbon	12-1	5677840	6012111	6366375	6018775	5.72	cps
Carbon	12-2	65379	64668	66401	65483	1.33	cps
Chlorine	35-1	8944786	8643339	8275859	8621328	3.89	cps
Chlorine	35-2	44527	43207	42722	43485	2.15	cps
Chromium	52-2	874131	849486	847365	856994	1.74	cps
Cobalt	59-2	1673535	1625812	1611716	1637021	1.98	cps
Copper	63-2	12464557	12022888	12258084	12248510	1.80	cps
Dysprosium	156-1	533	650	475	553	16.12	cps
Dysprosium	156-2	177	257	243	226	19.00	cps
Erbium	164-1	100	75	142	106	31.91	cps
Erbium	164-2	63	47	43	51	20.96	cps
Gadolinium	160-1	392	550	333	425	26.38	cps
Gadolinium	160-2	297	260	367	308	17.61	cps
Holmium	165-1	7695043	7645610	7749741	7696798	0.68	cps
Holmium	165-2	3929798	3940493	3967203	3945831	0.49	cps
Indium	115-1	7464885	7423995	7307192	7398691	1.11	cps
Indium	115-2	1062931	1076914	1056407	1065418	0.98	cps
Iron	54-2	9019685	8931770	8948546	8966667	0.52	cps
Iron	56-2	167611120	162454154	162804554	164289943	1.75	cps
Iron	57-2	4184975	4076098	4048318	4103131	1.76	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:53:00	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	953	1050	1017	1007	4.88	cps
Lead	206-1	8149784	8562594	7826873	8179750	4.51	cps
Lead	207-1	6971040	7067021	6841893	6959984	1.62	cps
Lead	208-1	31863920	32230675	31140424	31745006	1.75	cps
Lithium	6-1	3160669	3063784	3219222	3147892	2.49	cps
Magnesium	24-2	32504688	31852773	31812068	32056510	1.21	cps
Manganese	55-2	4414916	4257244	4300549	4324236	1.88	cps
Molybdenum	94-1	12430750	12522795	12460189	12471245	0.38	cps
Molybdenum	95-1	18331016	17604718	17996527	17977421	2.02	cps
Molybdenum	96-1	19919372	19148888	19738869	19602377	2.06	cps
Molybdenum	97-1	10828015	10835009	10927395	10863473	0.51	cps
Molybdenum	98-1	28204355	28407959	27812677	28141663	1.08	cps
Neodymium	150-1	187	180	227	198	12.76	cps
Neodymium	150-2	13	17	23	18	28.64	cps
Nickel	60-2	428643	417045	423872	423186	1.38	cps
Phosphorus	31-2	22410	21516	21174	21700	2.94	cps
Potassium	39-2	11882780	11709159	11937584	11843174	1.01	cps
Rhodium	103-1	7032926	7177348	7082270	7097515	1.03	cps
Rhodium	103-2	3250901	3280078	3272850	3267943	0.46	cps
Scandium	45-1	6524906	6605072	6415828	6515268	1.46	cps
Scandium	45-2	177469	175630	176193	176430	0.53	cps
Selenium	82-1	55486	56216	55821	55841	0.65	cps
Selenium	77-2	1487	1500	1580	1522	3.32	cps
Selenium	78-2	5275	5038	5029	5114	2.72	cps
Silicon	28-1	3132371	3297879	3521985	3317411	5.89	cps
Silver	107-1	3546381	3648789	3647763	3614311	1.63	cps
Silver	109-1	3474067	3427082	3474174	3458441	0.79	cps
Sodium	23-2	63993274	61849158	62696672	62846368	1.72	cps
Strontium	86-1	10638189	11055203	11006397	10899929	2.09	cps
Strontium	88-1	92257067	93321231	93564908	93047735	0.75	cps
Sulfur	34-1	843463	843330	844950	843914	0.11	cps
Terbium	159-1	8333881	8434136	8236945	8334987	1.18	cps
Terbium	159-2	3868440	3871834	3842363	3860879	0.42	cps
Thallium	203-1	2020494	2009014	1961259	1996922	1.57	cps
Thallium	205-1	4729718	4818712	4653464	4733965	1.75	cps
Tin	118-1	2353583	2406891	2393119	2384531	1.16	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCV052	Instrumnet Name :	P8
Client Sample ID :	CCV052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:53:00	DataFile Name :	029CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	6156670	6029593	6021386	6069216	1.25	cps
Uranium	238-1	5567003	5626005	5663176	5618728	0.86	cps
Vanadium	51-2	735938	705290	710052	717093	2.30	cps
Ytterbium	172-1	8	50	75	44	75.78	cps
Ytterbium	172-2	22	17	28	22	25.00	cps
Ytterbium	176-1	9379	9545	9287	9404	1.39	cps
Ytterbium	176-2	9014	9342	8892	9083	2.56	cps
Yttrium	89-1	12537840	12989672	12658133	12728548	1.84	cps
Yttrium	89-2	1241688	1242197	1218366	1234084	1.10	cps
Zinc	66-2	1218099	1192529	1185341	1198656	1.44	cps
Zirconium	90-1	5853473	5926373	5797693	5859180	1.10	cps
Zirconium	91-1	1293701	1309673	1331811	1311728	1.46	cps

LB Number : LB117649 Operator : Jaswal
 Lab Sample ID : CCB052 Instrumnet Name : P8
 Client Sample ID : CCB052 Dilution Factor : 1
 Date & Time Acquired :: 2021-12-04 14:59:07 DataFile Name : 030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	121	126	112	120	5.80	cps
Antimony	121-1	425	500	600	508	17.27	cps
Arsenic	75-2	5	10	4	6	50.76	cps
Barium	135-1	175	117	117	136	24.75	cps
Barium	137-1	242	125	75	147	58.09	cps
Beryllium	9-1	120	134	116	123	7.66	cps
Bismuth	209-1	4212509	4209850	4146760	4189707	0.89	cps
Bismuth	209-2	2591010	2650781	2570720	2604170	1.60	cps
Boron	10-1	2504	2526	2354	2461	3.80	cps
Boron	11-1	12597	12097	11432	12042	4.85	cps
Bromine	81-1	20567	20085	20717	20456	1.61	cps
Cadmium	111-1	643	588	540	590	8.69	cps
Cadmium	106-1	2800	2775	2517	2698	5.82	cps
Cadmium	108-1	25	13	25	21	34.64	cps
Calcium	43-1	421	341	287	350	19.23	cps
Calcium	44-1	27336	26434	25565	26445	3.35	cps
Carbon	12-1	4070995	4075973	4087190	4078053	0.20	cps
Carbon	12-2	38534	38643	37465	38214	1.70	cps
Chlorine	35-1	3419093	3260526	3144994	3274871	4.20	cps
Chlorine	35-2	17353	16335	15676	16454	5.13	cps
Chromium	52-2	833	817	750	800	5.51	cps
Cobalt	59-2	33	77	70	60	38.89	cps
Copper	63-2	777	777	820	791	3.16	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	67	58	67	12.50	cps
Erbium	164-2	23	33	7	21	63.80	cps
Gadolinium	160-1	42	25	25	31	31.50	cps
Gadolinium	160-2	57	40	70	56	27.06	cps
Holmium	165-1	7877821	7742325	7598400	7739515	1.81	cps
Holmium	165-2	3795491	3898156	3813667	3835771	1.43	cps
Indium	115-1	7412920	7654939	7569669	7545843	1.63	cps
Indium	115-2	1085688	1110377	1098268	1098111	1.12	cps
Iron	54-2	600	594	428	541	18.10	cps
Iron	56-2	4940	4890	5057	4962	1.72	cps
Iron	57-2	194	294	256	248	20.31	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:59:07	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Krypton	83-1	1063	987	1067	1039	4.36	cps
Lead	206-1	806	839	700	782	9.28	cps
Lead	207-1	689	678	606	657	6.88	cps
Lead	208-1	3445	3250	2989	3228	7.08	cps
Lithium	6-1	3189079	3199106	3266329	3218171	1.31	cps
Magnesium	24-2	1233	992	1133	1120	10.85	cps
Manganese	55-2	117	137	67	107	33.80	cps
Molybdenum	94-1	833	833	567	744	20.68	cps
Molybdenum	95-1	1000	625	433	686	42.01	cps
Molybdenum	96-1	1200	800	825	942	23.79	cps
Molybdenum	97-1	542	442	292	425	29.61	cps
Molybdenum	98-1	1717	925	742	1128	45.95	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	87	90	94	11.35	cps
Phosphorus	31-2	50	125	108	94	41.70	cps
Potassium	39-2	17661	18020	17778	17820	1.03	cps
Rhodium	103-1	7370140	7532414	7465184	7455913	1.09	cps
Rhodium	103-2	3468898	3487801	3434155	3463618	0.79	cps
Scandium	45-1	6428585	6441876	6342342	6404268	0.84	cps
Scandium	45-2	176053	173738	174411	174734	0.68	cps
Selenium	82-1	-37	-15	-89	-47	-81.42	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	43	44	55	47	14.08	cps
Silicon	28-1	644236	643244	644160	643880	0.09	cps
Silver	107-1	358	367	308	344	9.16	cps
Silver	109-1	267	367	200	278	30.20	cps
Sodium	23-2	13832	13457	14174	13821	2.60	cps
Strontium	86-1	1950	1708	1583	1747	10.67	cps
Strontium	88-1	3359	2934	1517	2603	37.05	cps
Sulfur	34-1	452144	445868	448856	448956	0.70	cps
Terbium	159-1	8188567	8039229	8309438	8179078	1.65	cps
Terbium	159-2	3852016	3838421	3872947	3854461	0.45	cps
Thallium	203-1	408	408	508	442	13.07	cps
Thallium	205-1	975	1042	833	950	11.20	cps
Tin	118-1	417	442	350	403	11.77	cps

LB Number :	LB117649	Operator :	Jaswal
Lab Sample ID :	CCB052	Instrumnet Name :	P8
Client Sample ID :	CCB052	Dilution Factor :	1
Date & Time Acquired ::	2021-12-04 14:59:07	DataFile Name :	030CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Titanium	47-1	392	400	283	358	18.16	cps
Uranium	238-1	167	108	42	106	59.25	cps
Vanadium	51-2	20	17	10	16	32.73	cps
Ytterbium	172-1	25	25	8	19	49.50	cps
Ytterbium	172-2	6	22	28	19	62.43	cps
Ytterbium	176-1	783	767	858	803	6.08	cps
Ytterbium	176-2	4467	4701	4818	4662	3.82	cps
Yttrium	89-1	12814644	12538350	12251777	12534923	2.25	cps
Yttrium	89-2	1236310	1233274	1229694	1233093	0.27	cps
Zinc	66-2	143	143	127	138	6.99	cps
Zirconium	90-1	933	875	1042	950	8.90	cps
Zirconium	91-1	217	183	208	203	8.56	cps