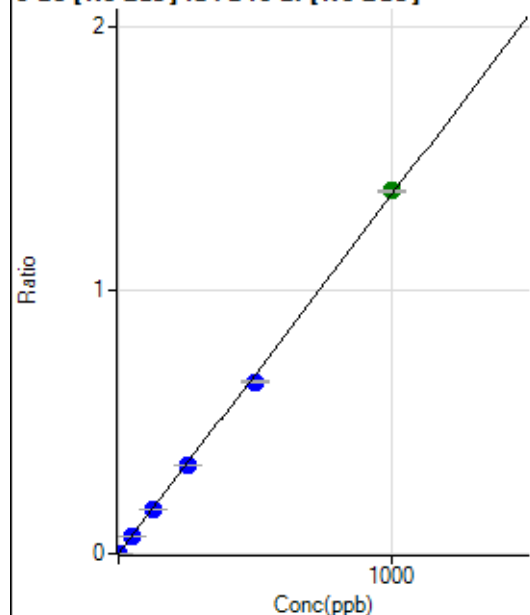


Batch Folder: D:\P8013019-MS.b\
Analysis File: P8013019-MS.batch.bin
DA Date-Time: 2019-01-30 13:57:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-30 13:16:50
2			
3	005CALS.d	S02	2019-01-30 13:24:35
4	006CALS.d	S03	2019-01-30 13:28:26
5	007CALS.d	S04	2019-01-30 13:32:15
6	008CALS.d	S05	2019-01-30 13:35:56
7	009CALS.d	S06	2019-01-30 13:39:33
8	010CALS.d	S07	2019-01-30 13:43:01
9	011CALS.d	S08	2019-01-30 13:46:22

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	34.44	0.0000	P	14.1
2	☐	0.100					
3	☐	1.000	0.927	1964.61	0.0013	P	0.4
4	☐	50.000	49.656	103101.20	0.0677	P	2.0
5	☐	125.000	123.507	254465.46	0.1684	P	2.2
6	☐	250.000	245.390	501692.62	0.3345	P	0.9
7	☐	500.000	479.387	980999.16	0.6534	P	0.4
8	☐	1000.000	1011.663	1933375.23	1.3789	A	0.5
9	☐			233.34	0.0002	P	13.6

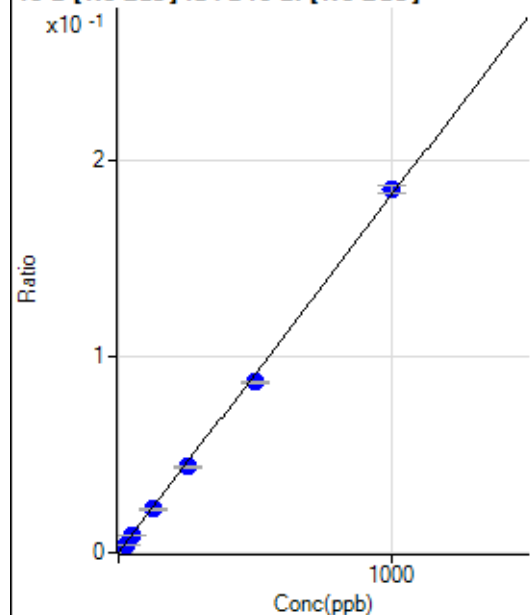
$$y = 0.0014 * x + 2.2777E-005$$

$$R = 0.9997$$

$$DL = 0.007067$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0001	P	37.4
2	☐	2.500					
3	☐	25.000	23.156	6568.46	0.0043	P	2.7
4	☐	50.000	48.964	13693.26	0.0090	P	1.8
5	☐	125.000	122.135	33682.31	0.0223	P	3.7
6	☐	250.000	239.148	65316.24	0.0435	P	2.5
7	☐	500.000	476.323	130090.45	0.0866	P	0.3
8	☐	1000.000	1015.008	258721.59	0.1845	P	2.0
9	☐			4242.47	0.0032	P	2.7

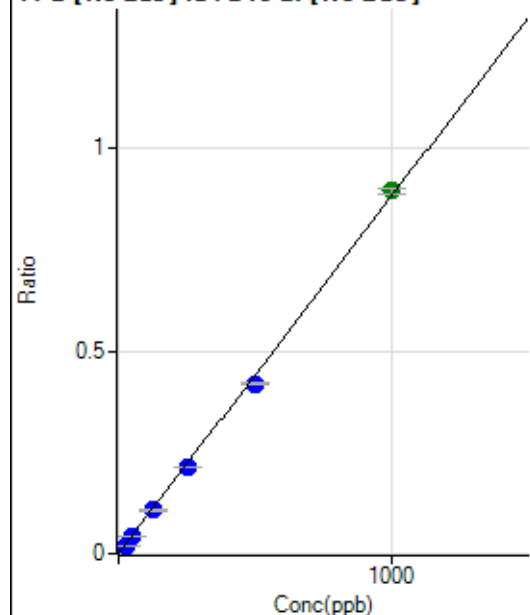
$$y = 1.8171E-004 * x + 9.3438E-005$$

$$R = 0.9995$$

$$DL = 0.5764$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	686.16	0.0005	P	3.6
2	☐	2.500					
3	☐	25.000	22.596	31076.19	0.0204	P	0.1
4	☐	50.000	48.139	65265.82	0.0428	P	2.3
5	☐	125.000	120.626	161219.05	0.1067	P	3.2
6	☐	250.000	241.271	319348.79	0.2129	P	1.5
7	☐	500.000	475.817	629775.48	0.4195	P	0.7
8	☐	1000.000	1014.974	1253776.53	0.8942	A	1.7
9	☐			20671.15	0.0156	P	7.8

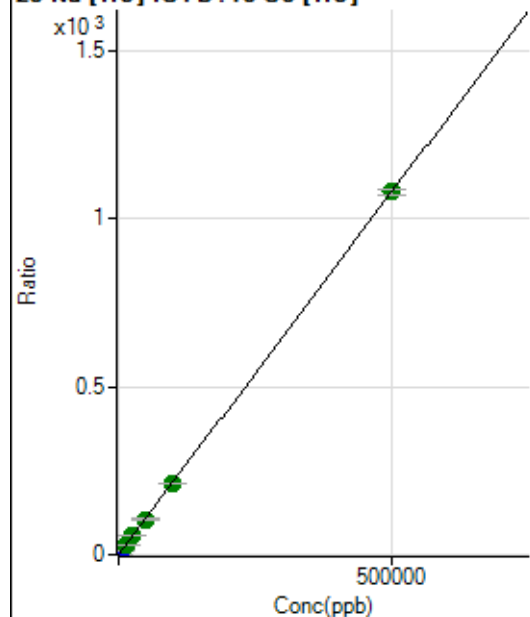
$$y = 8.8059E-004 * x + 4.5403E-004$$

$$R = 0.9995$$

$$DL = 0.05536$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13821.16	0.1855	P	2.2
2	☐	50.000					
3	☐	500.000	492.428	93735.55	1.2493	P	0.9
4	☐	5000.000	5063.431	859317.25	11.1235	P	2.0
5	☐	12500.000	13109.739	2148225.24	28.5051	A	3.7
6	☐	25000.000	26272.690	4214358.64	56.9397	A	1.8
7	☐	50000.000	48519.144	8344733.69	104.9965	A	3.9
8	☐	100000.00	98469.471	16797854.89	212.8990	A	1.5
9	☐	500000.00	500374.68	88752879.06	1,081.093	A	1.4

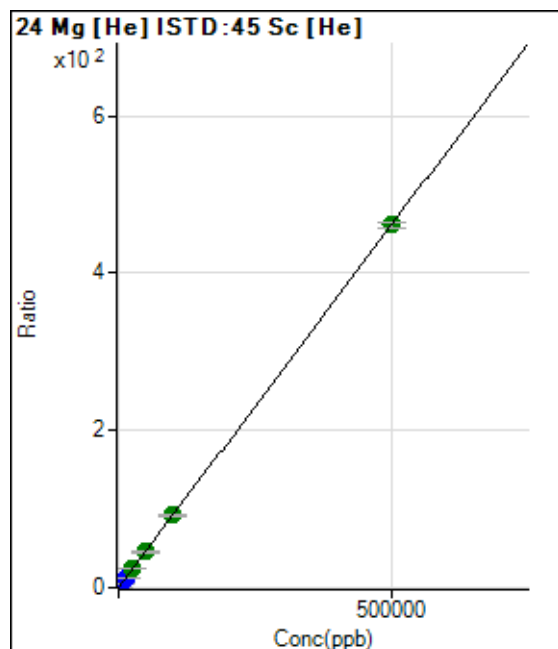
$$y = 0.0022 * x + 0.1855$$

$$R = 1.0000$$

$$DL = 5.762$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	344.47	0.0046	P	19.0
2	☐	50.000					
3	☐	500.000	501.861	35099.97	0.4679	P	2.7
4	☐	5000.000	5136.855	366662.85	4.7463	P	2.0
5	☐	12500.000	13067.309	909422.68	12.0666	P	3.3
6	☐	25000.000	27037.239	1847416.25	24.9617	A	2.3
7	☐	50000.000	49402.470	3625595.35	45.6062	A	2.7
8	☐	100000.00	99780.308	7267568.04	92.1081	A	1.3
9	☐	500000.00	499986.27	37886890.43	461.5231	A	1.8

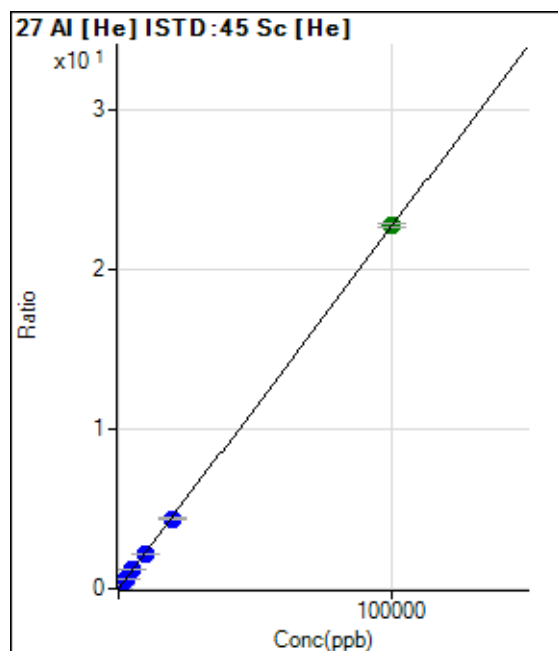
$$y = 9.2306\text{E-}004 * x + 0.0046$$

$$R = 1.0000$$

$$DL = 2.852$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	47.51	0.0006	P	15.6
2	☐	2.000					
3	☐	20.000	21.117	407.61	0.0054	P	3.2
4	☐	1000.000	980.746	17255.73	0.2234	P	2.9
5	☐	2500.000	2501.732	42867.47	0.5688	P	3.9
6	☐	5000.000	5128.065	86255.89	1.1653	P	1.5
7	☐	10000.000	9476.998	171139.65	2.1531	P	3.4
8	☐	20000.000	19284.074	345634.64	4.3805	P	1.2
9	☐	100000.00	100189.23	1868243.38	22.7559	A	1.0

$$y = 2.2712\text{E-}004 * x + 6.3760\text{E-}004$$

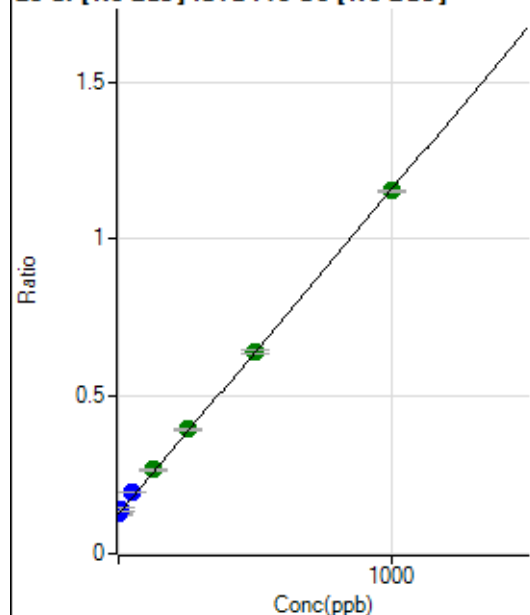
$$R = 1.0000$$

$$DL = 1.314$$

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	544230.35	0.1256	P	1.2
2	☐	1.000					
3	☐	10.000	14.975	617286.12	0.1411	P	6.2
4	☐	50.000	68.401	862870.07	0.1963	P	0.8
5	☐	125.000	136.648	1159140.87	0.2668	A	2.2
6	☐	250.000	261.055	1748464.32	0.3953	A	0.6
7	☐	500.000	498.889	2896374.91	0.6410	A	1.4
8	☐	1000.000	995.366	5110788.40	1.1539	A	0.8
9	☐			736790.12	0.1707	P	1.3

$$y = 0.0010 * x + 0.1256$$

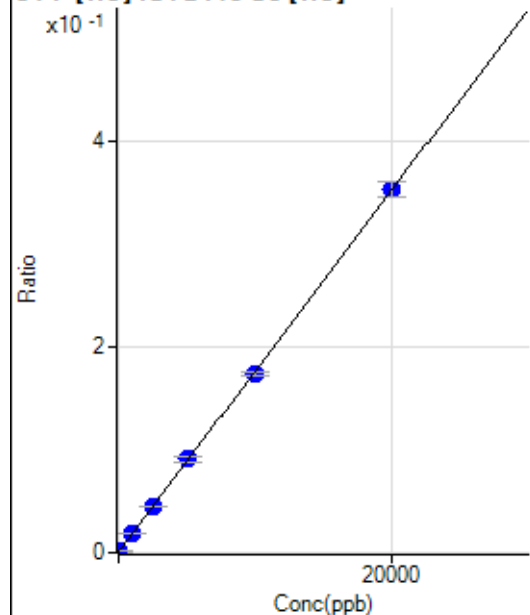
$$R = 0.9998$$

$$DL = 4.221$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-25.270	13.89	0.0002	P	69.8
2	☐	0.000					
3	☐	0.000	25.270	80.56	0.0011	P	13.4
4	☐	1000.000	1024.434	1439.03	0.0186	P	4.3
5	☐	2500.000	2493.034	3350.55	0.0444	P	1.4
6	☐	5000.000	5134.580	6721.36	0.0909	P	6.1
7	☐	10000.000	9867.330	13838.01	0.1740	P	1.8
8	☐	20000.000	20032.339	27814.31	0.3526	P	4.2
9	☐			33.33	0.0004	P	1.7

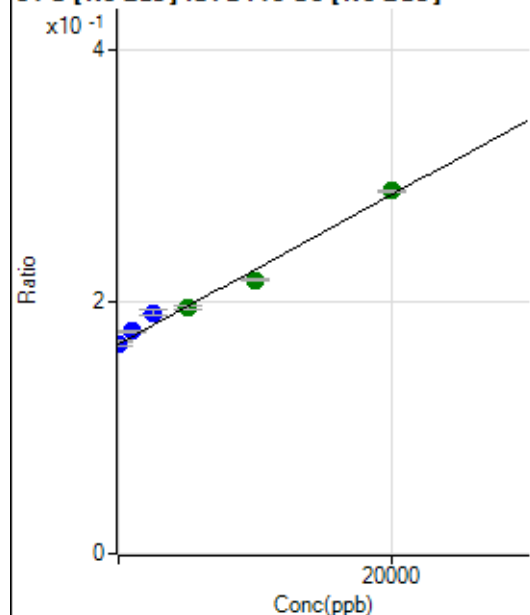
$$y = 1.7571E-005 * x + 6.3087E-004$$

$$R = 0.9999$$

$$DL = 23.44$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-68.040	718051.53	0.1658	P	1.7
2	☐	0.000					
3	☐	0.000	68.040	729088.30	0.1666	P	2.4
4	☐	1000.000	1774.217	776605.49	0.1767	P	1.0
5	☐	2500.000	4206.078	830053.74	0.1911	P	2.4
6	☐	5000.000	4846.932	861794.32	0.1949	A	1.5
7	☐	10000.000	8573.023	980148.14	0.2169	A	0.9
8	☐	20000.000	20499.785	1273514.90	0.2875	A	0.4
9	☐			596139.18	0.1381	P	0.9

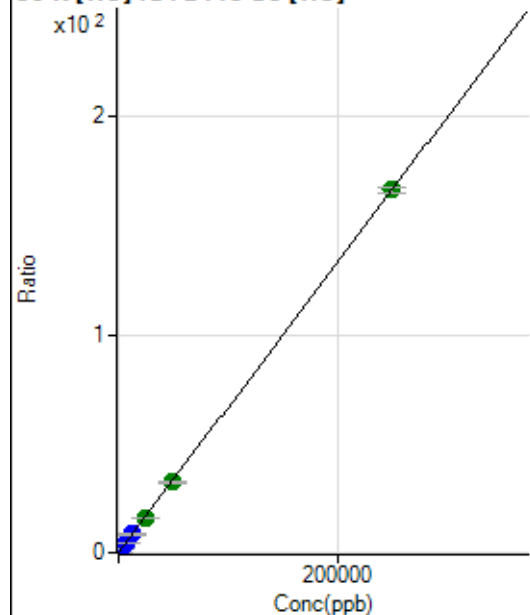
$$y = 5.9203\text{E-}006 * x + 0.1662$$

$$R = 0.9913$$

$$DL = 1714$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8300.02	0.1114	P	3.0
2	☐	50.000					
3	☐	500.000	454.454	30976.86	0.4129	P	2.0
4	☐	2500.000	2380.242	130579.13	1.6904	P	2.4
5	☐	6250.000	6116.444	314160.25	4.1688	P	3.9
6	☐	12500.000	12492.275	621595.88	8.3982	P	1.8
7	☐	25000.000	23680.560	1257583.04	15.8201	A	3.1
8	☐	50000.000	48418.739	2543147.69	32.2303	A	1.0
9	☐	250000.00	250453.21	13648405.86	166.2512	A	1.5

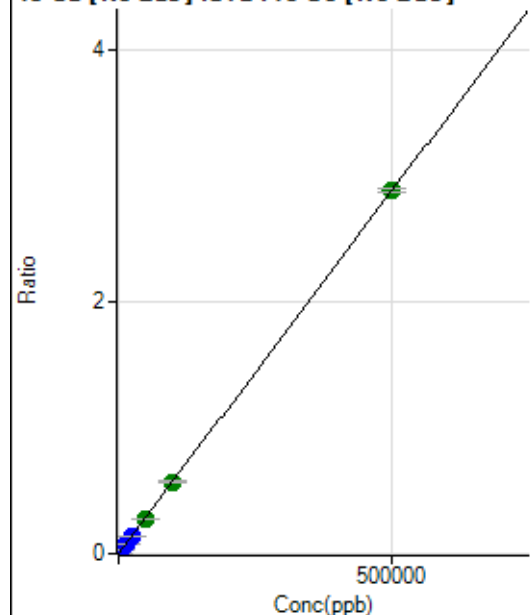
$$y = 6.6336\text{E-}004 * x + 0.1114$$

$$R = 1.0000$$

$$DL = 14.91$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1403.43	0.0003	P	10.9
2	☐	50.000					
3	☐	500.000	447.467	12680.33	0.0029	P	0.7
4	☐	5000.000	4845.506	123836.06	0.0282	P	0.5
5	☐	12500.000	12369.599	310194.21	0.0714	P	3.1
6	☐	25000.000	24327.891	619786.89	0.1401	P	0.7
7	☐	50000.000	48115.462	1250913.24	0.2768	A	0.4
8	☐	100000.00	98926.597	2519415.81	0.5688	A	1.4
9	☐	500000.00	500441.59	12414395.37	2.8762	A	0.9

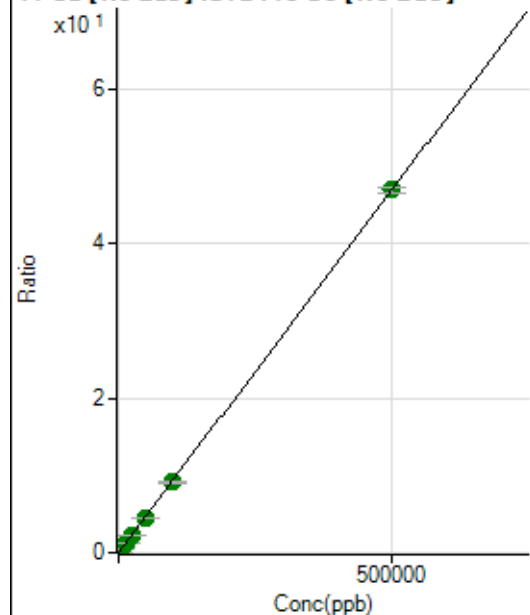
$$y = 5.7467\text{E-}006 * x + 3.2413\text{E-}004$$

$$R = 1.0000$$

$$DL = 18.45$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38257.77	0.0088	P	1.7
2	☐	50.000					
3	☐	500.000	447.239	222009.74	0.0507	P	2.1
4	☐	5000.000	4887.299	2050889.72	0.4665	A	1.0
5	☐	12500.000	12254.727	5023921.07	1.1565	A	3.0
6	☐	25000.000	24083.069	10014760.06	2.2643	A	0.8
7	☐	50000.000	47331.650	20070714.56	4.4415	A	0.3
8	☐	100000.00	97091.279	40311970.79	9.1016	A	1.0
9	☐	500000.00	500901.73	202505672.5	46.9191	A	1.7

$$y = 9.3652\text{E-}005 * x + 0.0088$$

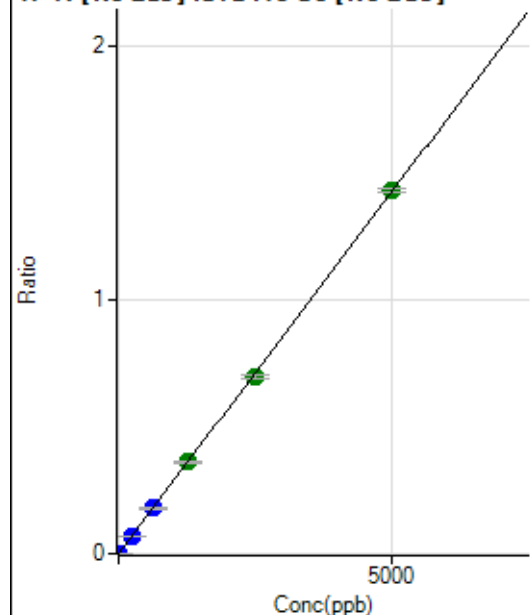
$$R = 1.0000$$

$$DL = 4.756$$

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	238.90	0.0001	P	18.1
2	☐	0.500					
3	☐	5.000	4.693	6096.03	0.0014	P	2.5
4	☐	250.000	247.090	309838.56	0.0705	P	0.9
5	☐	625.000	628.953	778986.07	0.1793	P	3.0
6	☐	1250.000	1273.141	1605153.91	0.3629	A	1.6
7	☐	2500.000	2451.298	3157151.68	0.6987	A	1.7
8	☐	5000.000	5018.217	6335247.15	1.4304	A	0.9
9	☐			1083.42	0.0003	P	2.7

$$y = 2.8502E-004 * x + 5.5060E-005$$

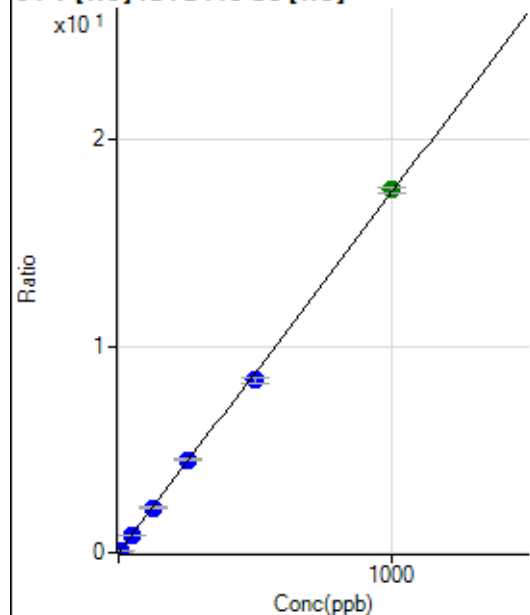
$$R = 0.9999$$

$$DL = 0.1046$$

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	14.44	0.0002	P	35.2
2	☐	0.500					
3	☐	5.000	4.962	6500.51	0.0866	P	0.5
4	☐	50.000	48.690	65539.11	0.8484	P	2.0
5	☐	125.000	124.929	164048.47	2.1765	P	2.8
6	☐	250.000	258.844	333725.41	4.5093	P	2.4
7	☐	500.000	480.452	665285.87	8.3697	P	3.3
8	☐	1000.000	1007.637	1384971.39	17.5533	A	1.4
9	☐			162.23	0.0020	P	18.4

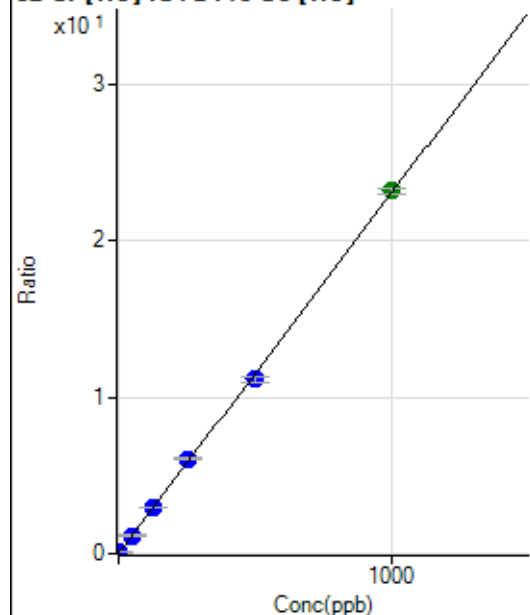
$$y = 0.0174 * x + 1.9382E-004$$

$$R = 0.9997$$

$$DL = 0.01175$$

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	1542.34	0.0207	P	3.7
2	☐	0.200					
3	☐	2.000	1.925	4883.16	0.0651	P	3.2
4	☐	50.000	49.321	89437.76	1.1577	P	2.5
5	☐	125.000	126.811	221898.01	2.9442	P	3.3
6	☐	250.000	262.037	448635.56	6.0617	P	2.1
7	☐	500.000	482.629	886015.23	11.1472	P	3.5
8	☐	1000.000	1005.484	1830598.63	23.2011	A	1.8
9	☐			14635.62	0.1783	P	1.7

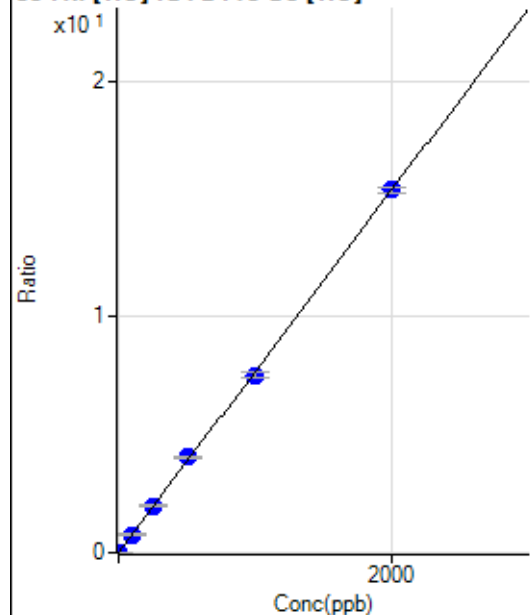
$$y = 0.0231 * x + 0.0207$$

$$R = 0.9997$$

$$DL = 0.09844$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	68.89	0.0009	P	15.1
2	☐	0.100					
3	☐	1.000	1.088	696.70	0.0093	P	3.9
4	☐	100.000	99.827	59343.39	0.7681	P	1.9
5	☐	250.000	255.991	148350.25	1.9683	P	3.4
6	☐	500.000	527.913	300365.04	4.0582	P	1.9
7	☐	1000.000	980.255	598871.29	7.5346	P	3.6
8	☐	2000.000	2002.154	1214137.36	15.3883	P	1.6
9	☐			5083.23	0.0619	P	1.3

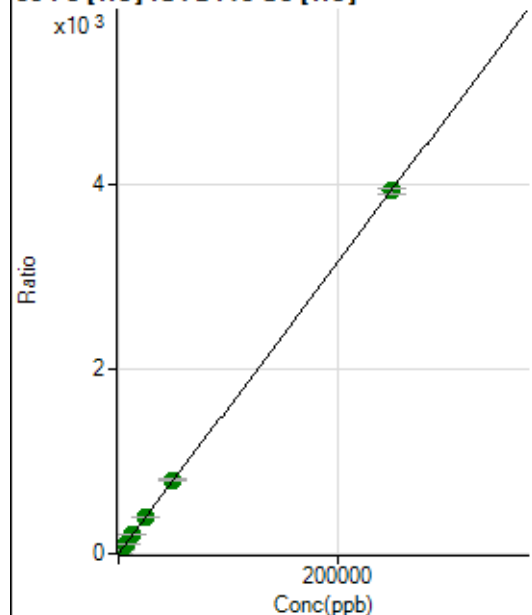
$$y = 0.0077 * x + 9.2425E-004$$

$$R = 0.9998$$

$$DL = 0.05432$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3261.60	0.0438	P	5.0
2	☐	5.000					
3	☐	50.000	53.315	66227.42	0.8827	P	1.2
4	☐	2500.000	2601.722	3165780.02	40.9813	A	2.4
5	☐	6250.000	6573.226	7797841.15	103.4722	A	3.9
6	☐	12500.000	13434.003	15648508.45	211.4251	A	2.1
7	☐	25000.000	25032.699	31312917.60	393.9283	A	3.2
8	☐	50000.000	50881.470	63169550.02	800.6535	A	1.8
9	☐	250000.00	249764.63	322640218.3	3,930.040	A	1.3

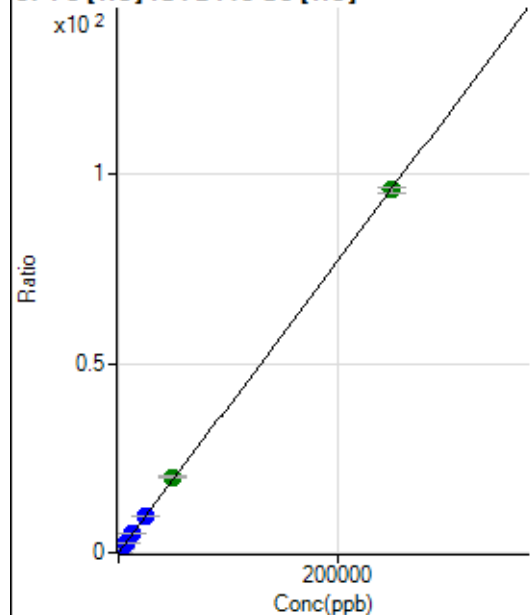
$$y = 0.0157 * x + 0.0438$$

$$R = 1.0000$$

$$DL = 0.421$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.52	0.0016	P	37.9
2	☐	5.000					
3	☐	50.000	55.104	1709.42	0.0228	P	4.9
4	☐	2500.000	2606.643	77515.14	1.0035	P	2.8
5	☐	6250.000	6671.952	193399.06	2.5661	P	3.6
6	☐	12500.000	13646.382	388341.86	5.2468	P	1.7
7	☐	25000.000	25361.978	775050.43	9.7499	P	2.9
8	☐	50000.000	52044.318	1578445.93	20.0056	A	1.5
9	☐	250000.00	249486.00	7872593.75	95.8953	A	1.6

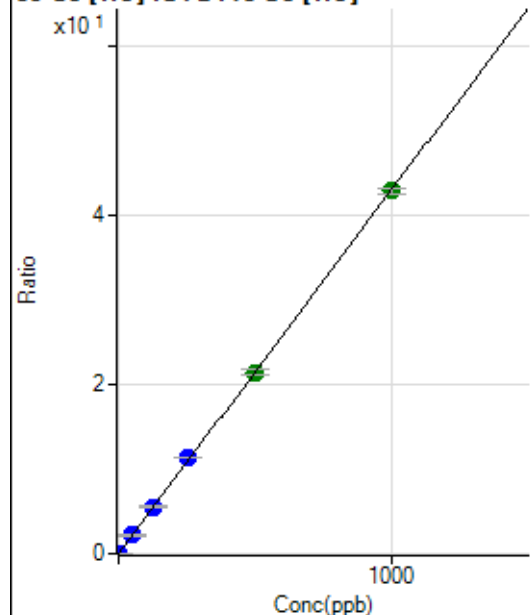
$$y = 3.8437E-004 * x + 0.0016$$

$$R = 1.0000$$

$$DL = 4.7$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	117.78	0.0016	P	2.8
2	☐	0.100					
3	☐	1.000	0.957	3207.10	0.0428	P	7.8
4	☐	50.000	50.655	168486.80	2.1810	P	2.2
5	☐	125.000	128.873	417994.24	5.5465	P	3.8
6	☐	250.000	264.362	842010.52	11.3760	P	1.6
7	☐	500.000	497.464	1701497.14	21.4055	A	3.2
8	☐	1000.000	997.161	3385145.33	42.9055	A	1.8
9	☐			39572.90	0.4820	P	1.7

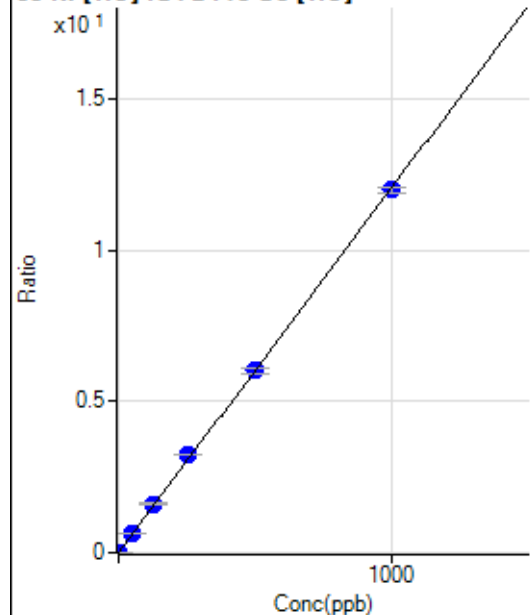
$$y = 0.0430 * x + 0.0016$$

$$R = 0.9999$$

$$DL = 0.003092$$

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	54.45	0.0007	P	12.9
2	☐	0.100					
3	☐	1.000	1.136	1081.17	0.0144	P	8.2
4	☐	50.000	51.830	48302.52	0.6253	P	2.3
5	☐	125.000	132.685	120552.74	1.5996	P	3.6
6	☐	250.000	268.605	239626.05	3.2374	P	1.5
7	☐	500.000	498.857	477906.61	6.0119	P	2.9
8	☐	1000.000	994.868	945902.06	11.9889	P	1.7
9	☐			11977.54	0.1459	P	4.3

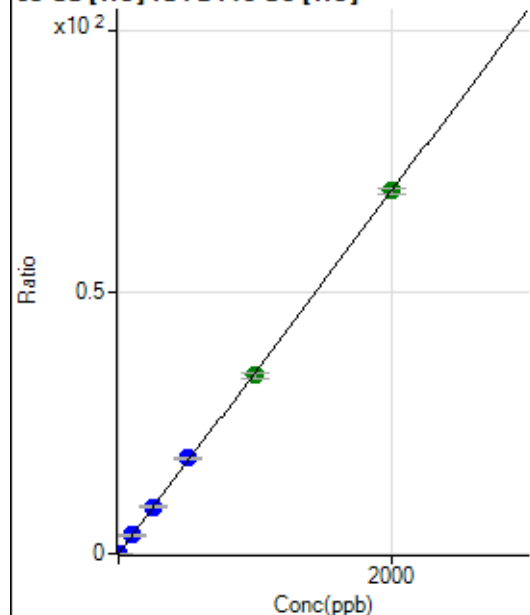
$$y = 0.0120 * x + 7.3094E-004$$

$$R = 0.9998$$

$$DL = 0.02342$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	685.59	0.0092	P	5.5
2	☐	0.200					
3	☐	2.000	1.992	5874.68	0.0783	P	4.1
4	☐	100.000	100.959	271258.92	3.5113	P	2.0
5	☐	250.000	257.581	674069.33	8.9443	P	3.7
6	☐	500.000	528.737	1358194.68	18.3504	P	1.8
7	☐	1000.000	983.365	2712144.58	34.1207	A	3.3
8	☐	2000.000	2000.138	5474852.56	69.3911	A	1.9
9	☐			7466.57	0.0909	P	2.5

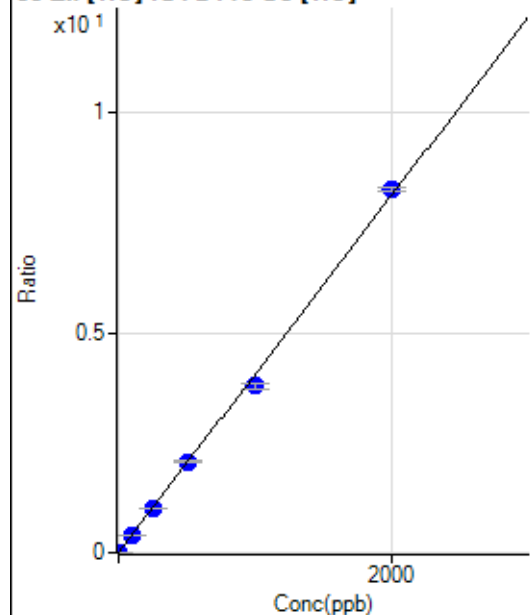
$$y = 0.0347 * x + 0.0092$$

$$R = 0.9998$$

$$DL = 0.04376$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0013	P	13.9
2	☐	0.200					
3	☐	2.000	1.688	608.91	0.0081	P	6.1
4	☐	100.000	96.519	30362.39	0.3931	P	3.4
5	☐	250.000	247.260	75743.14	1.0050	P	3.4
6	☐	500.000	507.411	152537.85	2.0611	P	2.3
7	☐	1000.000	933.453	301312.30	3.7905	P	3.1
8	☐	2000.000	2031.938	650927.69	8.2498	P	1.2
9	☐			3550.51	0.0432	P	1.4

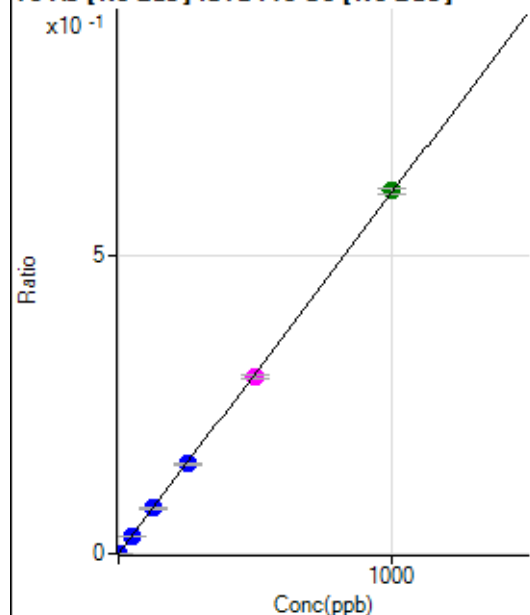
$$y = 0.0041 * x + 0.0013$$

$$R = 0.9992$$

$$DL = 0.1303$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:45 Sc [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	796.53	0.0002	P	5.9
2	☐	0.100					
3	☐	1.000	0.964	3358.02	0.0008	P	4.0
4	☐	50.000	49.052	131164.18	0.0298	P	1.2
5	☐	125.000	125.582	330617.52	0.0761	P	2.6
6	☐	250.000	247.652	662964.24	0.1499	P	1.6
7	☐	500.000	490.388	1340382.02	0.2966	M	1.5
8	☐	1000.000	1005.368	2692651.52	0.6080	A	1.7
9	☐			4411.09	0.0010	P	3.4

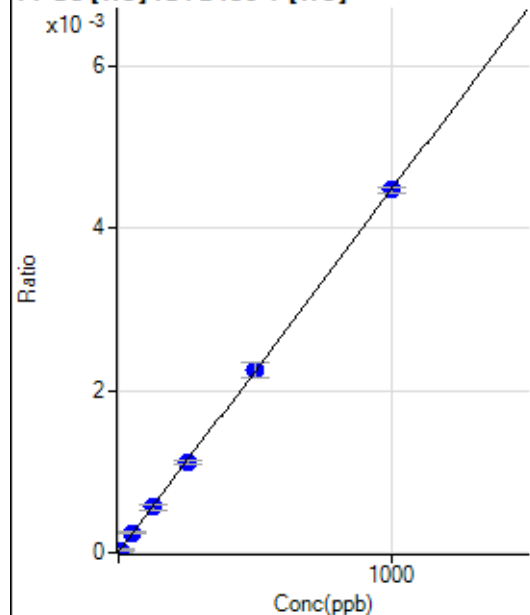
$$y = 6.0454\text{E-}004 * x + 1.8386\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.05426$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3.33	0.0000	P	99.7
2	☐	0.500					
3	☐	5.000	5.106	13.33	0.0000	P	66.6
4	☐	50.000	53.873	112.22	0.0002	P	10.4
5	☐	125.000	124.167	247.78	0.0006	P	13.8
6	☐	250.000	248.196	487.80	0.0011	P	4.1
7	☐	500.000	502.018	1045.61	0.0023	P	8.3
8	☐	1000.000	999.352	2032.41	0.0045	P	1.4
9	☐			3.33	0.0000	P	100.

$$y = 4.4716\text{E-}006 * x + 7.6508\text{E-}006$$

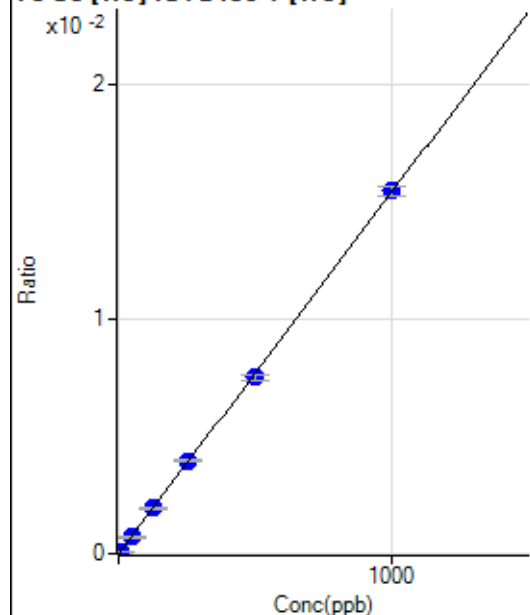
$$R = 1.0000$$

$$DL = 5.116$$

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	4.32	0.0000	P	65.6
2	☐	0.500					
3	☐	5.000	4.460	34.57	0.0001	P	17.8
4	☐	50.000	45.992	324.70	0.0007	P	14.1
5	☐	125.000	125.190	851.27	0.0019	P	4.9
6	☐	250.000	256.445	1729.14	0.0040	P	2.5
7	☐	500.000	487.632	3494.92	0.0075	P	3.0
8	☐	1000.000	1004.752	7030.87	0.0155	P	2.6
9	☐			5.56	0.0000	P	32.4

$$y = 1.5404\text{E-}005 * x + 9.9362\text{E-}006$$

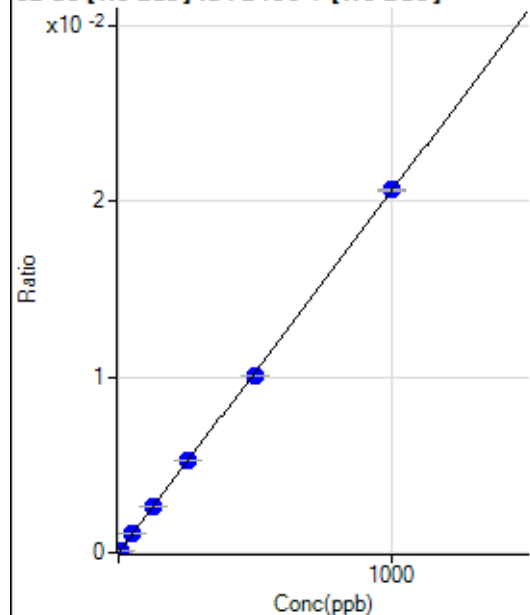
$$R = 0.9999$$

$$DL = 1.27$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.69	0.0000	P	489.
2	☐	0.500					
3	☐	5.000	5.067	683.59	0.0001	P	10.9
4	☐	50.000	51.278	6828.94	0.0011	P	0.4
5	☐	125.000	126.887	17013.39	0.0026	P	2.3
6	☐	250.000	255.481	34456.90	0.0053	P	0.3
7	☐	500.000	489.536	68389.38	0.0101	P	0.7
8	☐	1000.000	1003.561	136826.92	0.0206	P	0.6
9	☐			84.77	0.0000	P	107.

$$y = 2.0573\text{E-}005 * x + 1.2586\text{E-}006$$

$$R = 0.9999$$

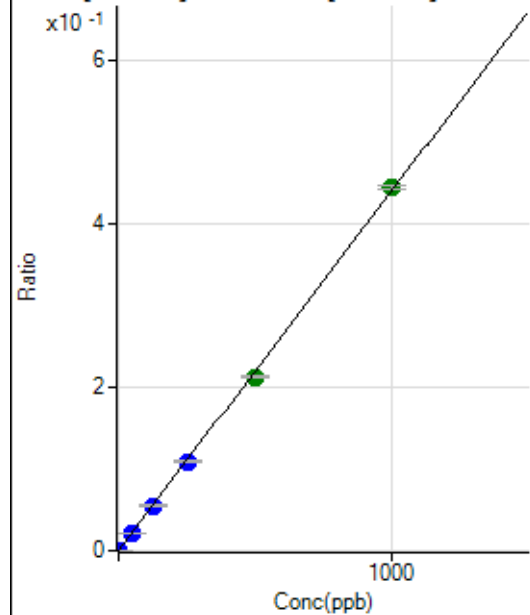
$$DL = 0.8978$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			743.37		P	4.6
2	☐						
3	☐			733.36		P	12.4
4	☐			678.92		P	5.3
5	☐			791.15		P	6.0
6	☐			676.70		P	6.7
7	☐			800.04		P	5.8
8	☐			711.14		P	9.6
9	☐			722.26		P	9.5

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1194.55	0.0002	P	8.5
2	☐	0.100					
3	☐	1.000	0.730	3308.92	0.0005	P	6.1
4	☐	50.000	49.174	141173.69	0.0218	P	2.0
5	☐	125.000	123.574	355554.87	0.0546	P	3.5
6	☐	250.000	247.978	716777.53	0.1094	P	0.5
7	☐	500.000	483.604	1446828.53	0.2131	A	0.9
8	☐	1000.000	1008.923	2944710.07	0.4444	A	1.1
9	☐			10893.72	0.0018	P	4.7

$$y = 4.4026E-004 * x + 1.8917E-004$$

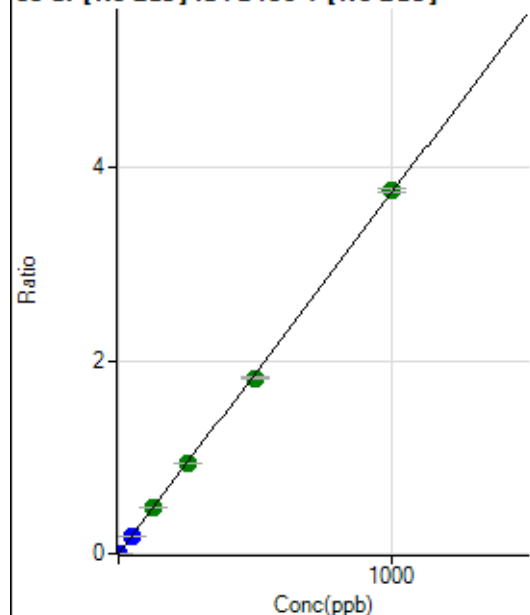
$$R = 0.9998$$

$$DL = 0.1093$$

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	141.67	0.0000	P	30.0
2	☐	0.100					
3	☐	1.000	0.809	19717.85	0.0030	P	0.7
4	☐	50.000	49.796	1202469.91	0.1860	P	1.6
5	☐	125.000	127.334	3097680.24	0.4756	A	3.1
6	☐	250.000	250.495	6131897.75	0.9356	A	0.5
7	☐	500.000	486.959	12348613.04	1.8188	A	0.6
8	☐	1000.000	1006.115	24901345.00	3.7578	A	0.9
9	☐			85398.31	0.0138	P	0.4

$$y = 0.0037 * x + 2.2350E-005$$

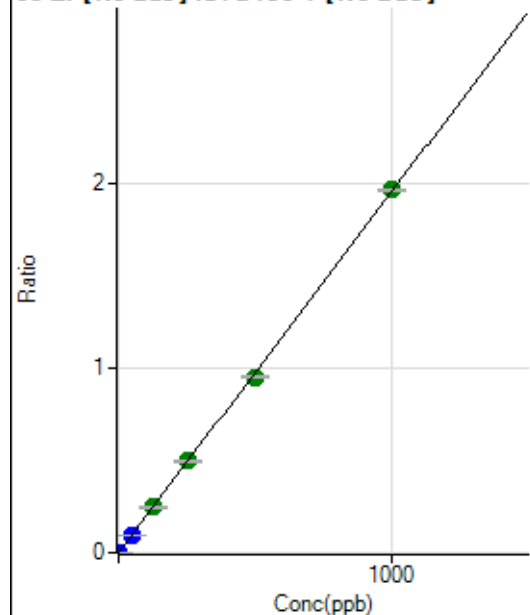
$$R = 0.9999$$

$$DL = 0.005384$$

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	422.25	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	0.923	12130.91	0.0019	P	3.1
4	☐	50.000	49.460	625795.17	0.0968	P	1.8
5	☐	125.000	126.735	1614858.09	0.2479	A	3.3
6	☐	250.000	253.105	3244893.63	0.4951	A	0.2
7	☐	500.000	487.247	6470474.67	0.9530	A	1.0
8	☐	1000.000	1005.411	13031164.18	1.9665	A	0.7
9	☐			2958.79	0.0005	P	10.8

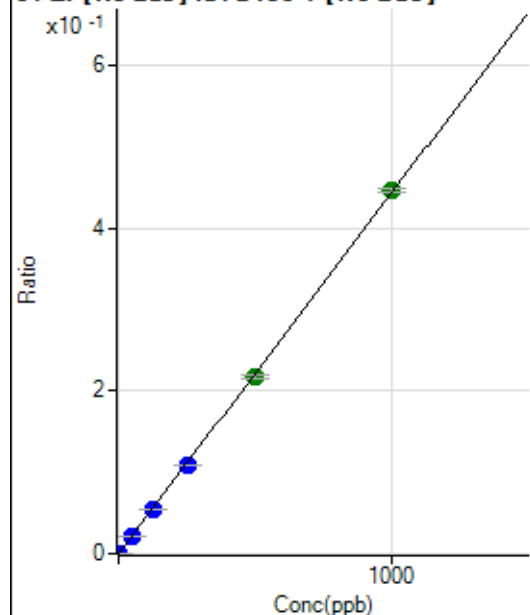
$$y = 0.0020 * x + 6.6834E-005$$

$$R = 0.9999$$

$$DL = 0.007535$$

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	94.45	0.0000	P	8.7
2	☐	0.100					
3	☐	1.000	0.953	2828.21	0.0004	P	5.1
4	☐	50.000	48.459	138720.83	0.0215	P	2.5
5	☐	125.000	122.034	351841.34	0.0540	P	2.7
6	☐	250.000	243.530	706388.00	0.1078	P	0.6
7	☐	500.000	491.157	1475684.68	0.2174	A	1.3
8	☐	1000.000	1006.487	2951458.29	0.4454	A	1.1
9	☐			708.38	0.0001	P	13.7

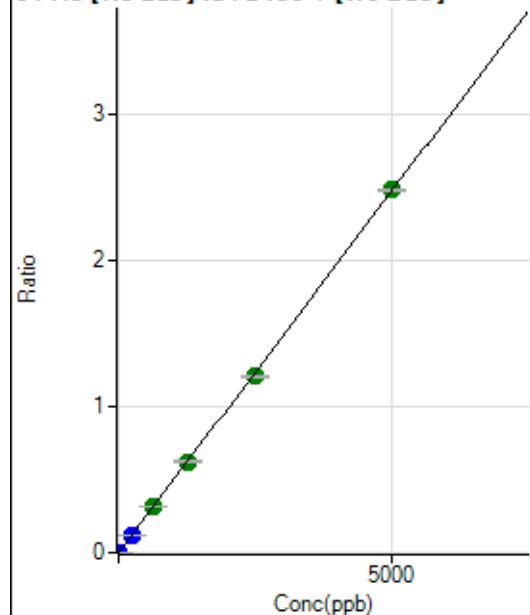
$$y = 4.4251\text{E-}004 * x + 1.4932\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008825$$

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	172.23	0.0000	P	20.0
2	☐	0.500					
3	☐	5.000	4.644	15053.44	0.0023	P	3.1
4	☐	250.000	249.341	797265.22	0.1233	P	1.7
5	☐	625.000	637.328	2053383.29	0.3152	A	1.7
6	☐	1250.000	1263.795	4095929.09	0.6250	A	1.0
7	☐	2500.000	2443.279	8203244.37	1.2082	A	0.9
8	☐	5000.000	5023.404	16461227.62	2.4841	A	0.6
9	☐			5668.11	0.0009	P	6.1

$$y = 4.9450\text{E-}004 * x + 2.7308\text{E-}005$$

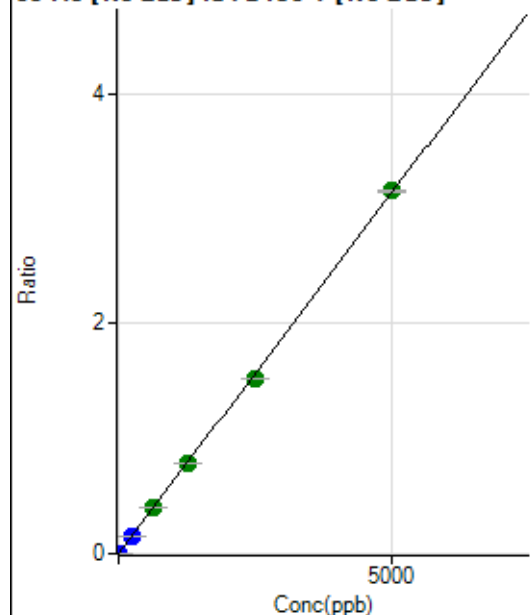
$$R = 0.9999$$

$$DL = 0.03312$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	50.00	0.0000	P	49.2
2	☐	0.500					
3	☐	5.000	4.482	18246.37	0.0028	P	3.2
4	☐	250.000	248.617	1007207.15	0.1558	P	2.4
5	☐	625.000	640.810	2615380.05	0.4016	A	3.7
6	☐	1250.000	1259.550	5173219.30	0.7893	A	1.0
7	☐	2500.000	2426.491	10324527.23	1.5207	A	0.5
8	☐	5000.000	5032.460	20898974.42	3.1538	A	0.8
9	☐			7894.28	0.0013	P	4.9

$$y = 6.2668\text{E-}004 * x + 7.8793\text{E-}006$$

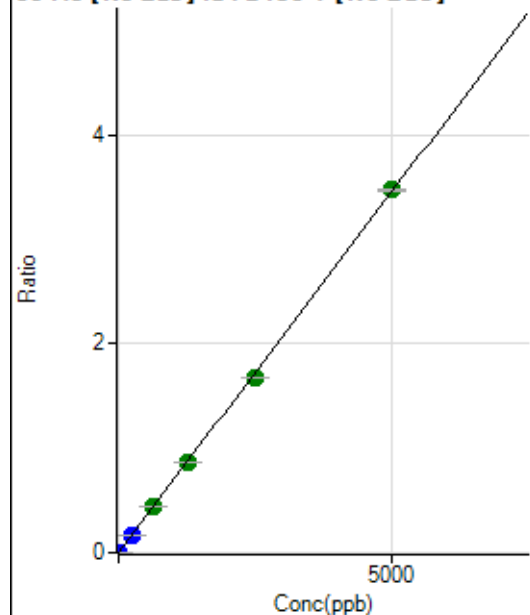
$$R = 0.9998$$

$$DL = 0.01856$$

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	75.01	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	4.452	19973.77	0.0031	P	3.5
4	☐	250.000	249.610	1113390.03	0.1722	P	1.7
5	☐	625.000	637.269	2864152.58	0.4397	A	2.8
6	☐	1250.000	1246.350	5635791.49	0.8599	A	0.8
7	☐	2500.000	2431.585	11390324.91	1.6776	A	0.7
8	☐	5000.000	5033.606	23013593.57	3.4729	A	0.4
9	☐			10051.39	0.0016	P	2.1

$$y = 6.8993\text{E-}004 * x + 1.1854\text{E-}005$$

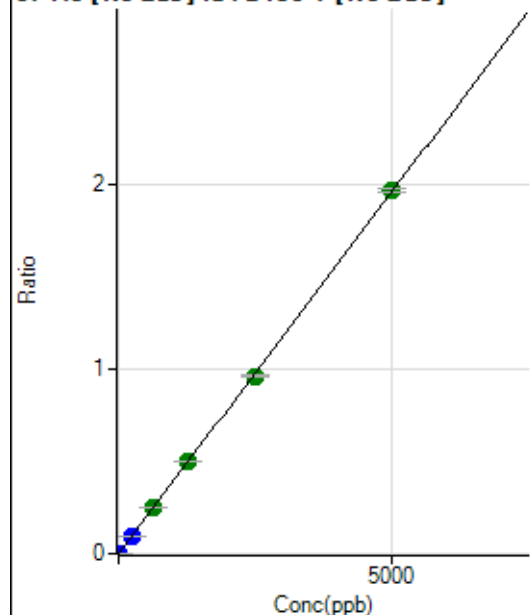
$$R = 0.9999$$

$$DL = 0.01471$$

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	58.34	0.0000	P	14.1
2	☐	0.500					
3	☐	5.000	4.463	11374.68	0.0018	P	3.1
4	☐	250.000	246.696	624267.66	0.0966	P	1.7
5	☐	625.000	639.503	1630307.82	0.2503	A	3.2
6	☐	1250.000	1270.955	3260310.73	0.4975	A	0.3
7	☐	2500.000	2448.506	6506735.82	0.9583	A	1.0
8	☐	5000.000	5018.861	13017149.16	1.9644	A	1.0
9	☐			5023.38	0.0008	P	5.9

$$y = 3.9140\text{E-}004 * x + 9.2306\text{E-}006$$

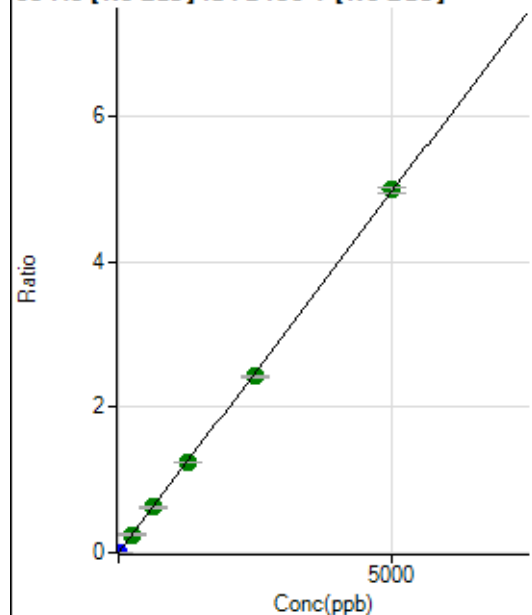
$$R = 0.9999$$

$$DL = 0.009951$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	9.9
2	☐	0.500					
3	☐	5.000	4.568	29441.23	0.0045	P	2.0
4	☐	250.000	252.006	1618205.81	0.2503	A	1.9
5	☐	625.000	626.885	4056367.63	0.6227	A	2.0
6	☐	1250.000	1250.143	8138450.18	1.2417	A	0.2
7	☐	2500.000	2444.871	16488354.53	2.4284	A	1.0
8	☐	5000.000	5027.193	33089208.03	4.9934	A	1.7
9	☐			12573.06	0.0020	P	3.9

$$y = 9.9328\text{E-}004 * x + 7.0292\text{E-}006$$

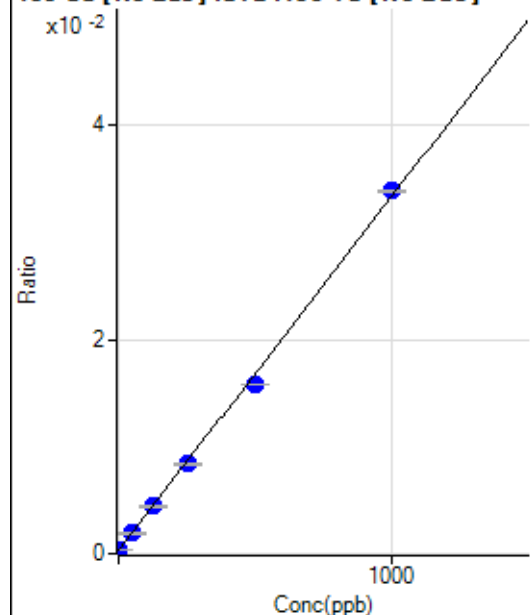
$$R = 0.9999$$

$$DL = 0.0021$$

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	1914.13	0.0003	P	7.9
2	☐	0.100					
3	☐	1.000	1.390	2294.74	0.0004	P	3.3
4	☐	50.000	48.117	12367.32	0.0019	P	3.7
5	☐	125.000	125.545	28792.78	0.0045	P	4.4
6	☐	250.000	245.616	55289.16	0.0084	P	1.8
7	☐	500.000	469.270	107968.93	0.0158	P	0.2
8	☐	1000.000	1016.487	225213.87	0.0339	P	0.8
9	☐			2069.71	0.0004	P	4.7

$$y = 3.3026\text{E-}005 * x + 3.0897\text{E-}004$$

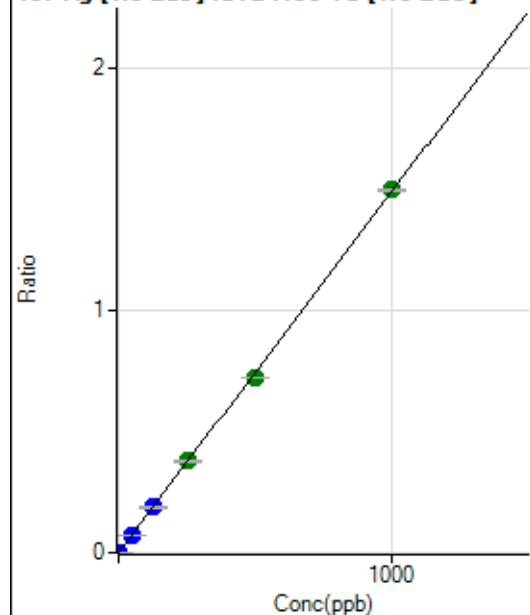
$$R = 0.9993$$

$$DL = 2.206$$

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	188.90	0.0000	P	24.7
2	☐	0.100					
3	☐	1.000	0.938	9203.58	0.0014	P	4.7
4	☐	50.000	49.200	476268.98	0.0731	P	0.4
5	☐	125.000	125.576	1205731.18	0.1865	P	3.0
6	☐	250.000	253.944	2476726.81	0.3772	A	1.5
7	☐	500.000	485.647	4927141.60	0.7213	A	0.8
8	☐	1000.000	1006.159	9933929.82	1.4944	A	0.8
9	☐			1289.01	0.0002	P	6.4

$$y = 0.0015 * x + 3.0469\text{E-}005$$

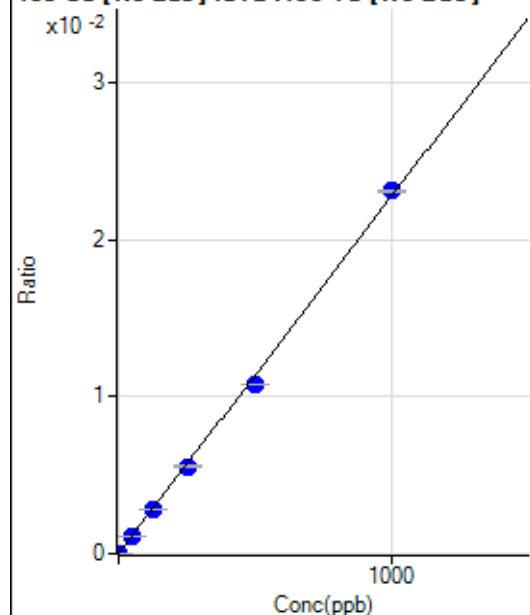
$$R = 0.9998$$

$$DL = 0.0152$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0000	P	66.3
2	☐	0.100					
3	☐	1.000	0.781	131.95	0.0000	P	8.3
4	☐	50.000	48.672	7225.72	0.0011	P	1.9
5	☐	125.000	122.802	18061.05	0.0028	P	2.6
6	☐	250.000	244.361	36485.71	0.0056	P	2.1
7	☐	500.000	472.741	73412.55	0.0107	P	0.6
8	☐	1000.000	1015.380	153441.07	0.0231	P	0.3
9	☐			37.50	0.0000	P	61.7

$$y = 2.2730E-005 * x + 2.6910E-006$$

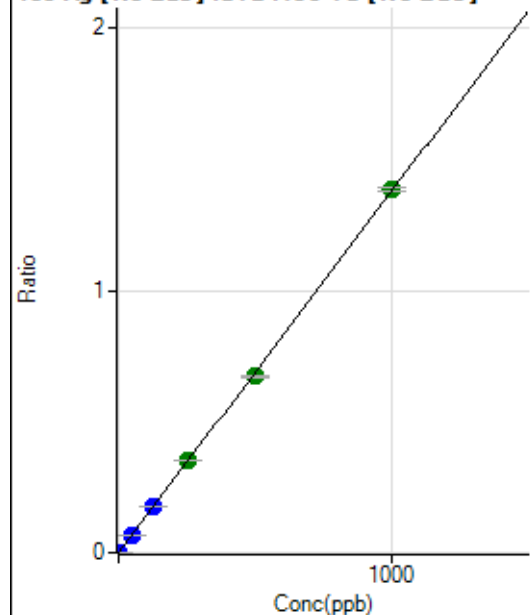
$$R = 0.9994$$

$$DL = 0.2356$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	10.0
2	☐	0.100					
3	☐	1.000	0.955	8639.31	0.0013	P	2.8
4	☐	50.000	50.136	450272.72	0.0691	P	0.3
5	☐	125.000	128.616	1145798.59	0.1773	P	2.7
6	☐	250.000	256.658	2322610.69	0.3537	A	1.0
7	☐	500.000	487.209	4586168.94	0.6714	A	1.0
8	☐	1000.000	1004.272	9199605.24	1.3840	A	1.1
9	☐			1236.22	0.0002	P	3.3

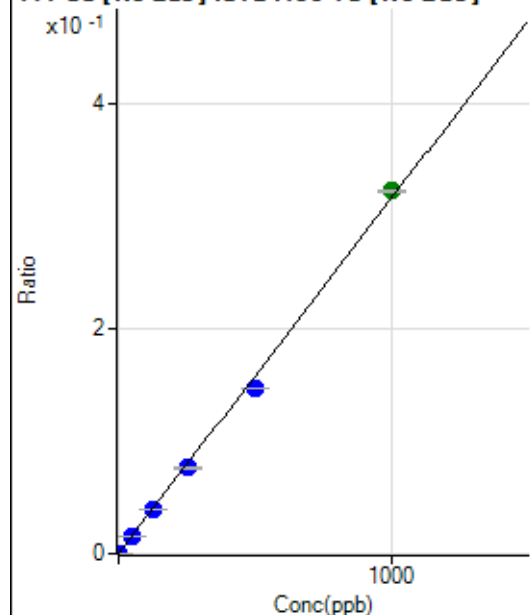
$$y = 0.0014 * x + 2.0624E-005$$

$$R = 0.9999$$

$$DL = 0.004504$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1332.39	0.0002	P	7.4
2	☐	0.100					
3	☐	1.000	0.900	3226.60	0.0005	P	2.2
4	☐	50.000	47.693	99492.36	0.0153	P	1.8
5	☐	125.000	123.005	252407.39	0.0390	P	2.6
6	☐	250.000	241.032	501052.94	0.0763	P	1.6
7	☐	500.000	464.484	1003040.77	0.1469	P	0.4
8	☐	1000.000	1020.365	2142790.10	0.3223	A	0.4
9	☐			1521.15	0.0003	P	5.5

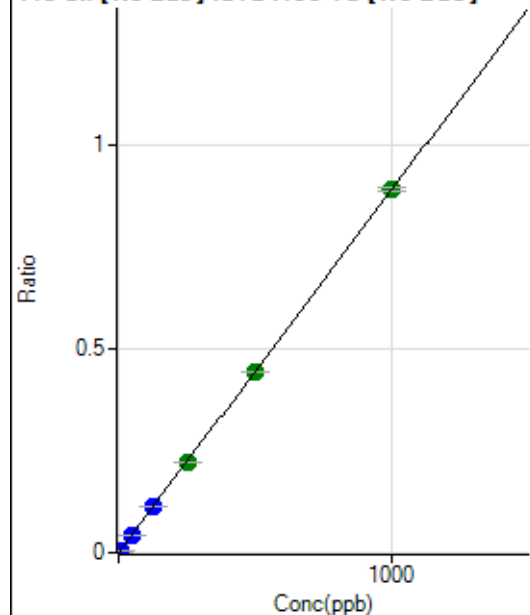
$$y = 3.1570\text{E-}004 * x + 2.1507\text{E-}004$$

$$R = 0.9990$$

$$DL = 0.1513$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	750.66	0.0001	P	48.5
2	☐	0.500					
3	☐	5.000	4.759	28124.94	0.0044	P	6.8
4	☐	50.000	49.678	288743.80	0.0443	P	0.4
5	☐	125.000	127.527	734172.92	0.1136	P	2.8
6	☐	250.000	251.466	1470032.75	0.2238	A	0.2
7	☐	500.000	498.263	3028649.72	0.4434	A	0.8
8	☐	1000.000	1000.204	5916124.79	0.8900	A	1.0
9	☐			5540.30	0.0010	P	2.1

$$y = 8.8970\text{E-}004 * x + 1.2124\text{E-}004$$

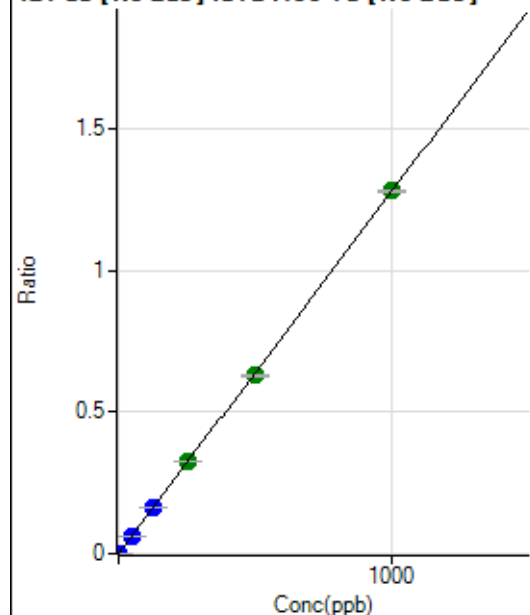
$$R = 1.0000$$

$$DL = 0.1983$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0000	P	55.6
2	☐	0.200					
3	☐	2.000	1.762	14639.24	0.0023	P	4.7
4	☐	50.000	49.516	411991.45	0.0632	P	0.9
5	☐	125.000	127.401	1051581.94	0.1627	P	2.5
6	☐	250.000	255.166	2139293.21	0.3258	A	1.4
7	☐	500.000	492.746	4297161.81	0.6291	A	0.8
8	☐	1000.000	1002.060	8504904.62	1.2794	A	0.6
9	☐			9456.60	0.0016	P	5.1

$$y = 0.0013 * x + 1.7037E-005$$

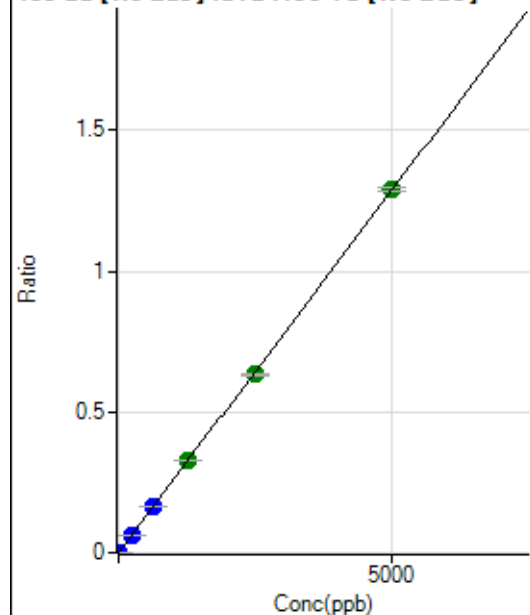
$$R = 0.9999$$

$$DL = 0.02225$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.9
2	☐	1.000					
3	☐	10.000	9.450	15732.26	0.0024	P	1.2
4	☐	250.000	248.360	416130.46	0.0639	P	0.6
5	☐	625.000	638.421	1061226.08	0.1642	P	3.0
6	☐	1250.000	1277.207	2156901.09	0.3285	A	0.3
7	☐	2500.000	2460.077	4321337.38	0.6326	A	0.7
8	☐	5000.000	5011.565	8567099.59	1.2888	A	0.9
9	☐			869.52	0.0002	P	16.0

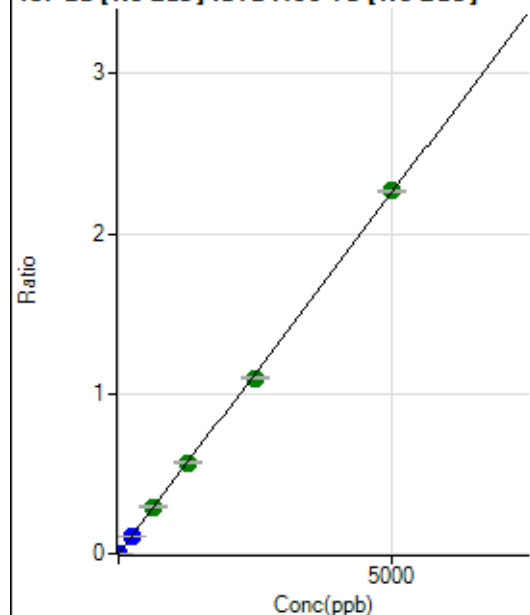
$$y = 2.5716E-004 * x + 4.0379E-006$$

$$R = 0.9999$$

$$DL = 0.02728$$

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	47.23	0.0000	P	20.6
2	☐	1.000					
3	☐	10.000	9.417	27485.18	0.0043	P	1.7
4	☐	250.000	246.846	725029.45	0.1113	P	0.9
5	☐	625.000	647.607	1886768.25	0.2920	A	4.1
6	☐	1250.000	1264.376	3742851.69	0.5700	A	1.0
7	☐	2500.000	2431.976	7488425.69	1.0964	A	0.8
8	☐	5000.000	5027.751	15067130.89	2.2666	A	0.4
9	☐			1450.15	0.0003	P	4.9

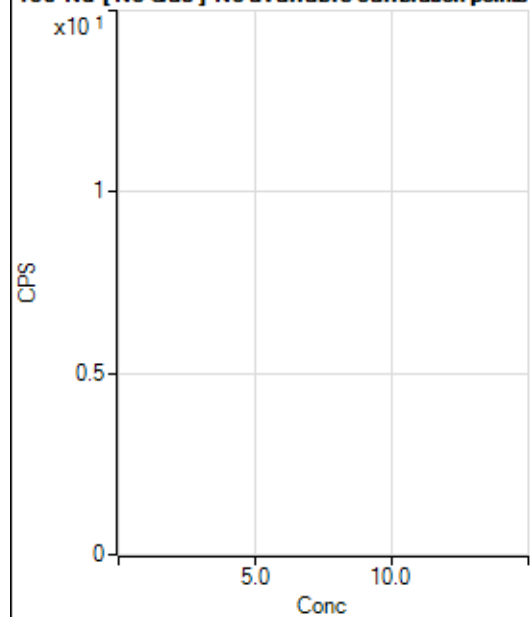
$$y = 4.5081\text{E-}004 * x + 7.6242\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01045$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			2.22		P	173.
4	☐			28.89		P	35.2
5	☐			60.00		P	48.4
6	☐			137.79		P	2.8
7	☐			208.90		P	1.8
8	☐			317.80		P	12.3
9	☐			111.12		P	9.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			0.00		P	
5	☐			3.33		P	100.
6	☐			2.22		P	86.6
7	☐			6.67		P	50.0
8	☐			11.11		P	62.5
9	☐			37.78		P	5.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			8.33		P	100.
4	☐			13.89		P	91.6
5	☐			30.55		P	15.7
6	☐			44.45		P	60.3
7	☐			66.67		P	43.3
8	☐			116.68		P	43.5
9	☐			52.78		P	24.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	173.
4	☐			2.22		P	86.6
5	☐			5.55		P	124.
6	☐			7.78		P	99.0
7	☐			6.66		P	86.6
8	☐			10.00		P	66.7
9	☐			30.00		P	44.4

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	19.2
2	☐						
3	☐			88.89		P	46.2
4	☐			77.78		P	43.3
5	☐			55.56		P	48.2
6	☐			86.12		P	39.1
7	☐			77.78		P	22.3
8	☐			75.01		P	29.4
9	☐			100.00		P	16.7

160 Gd [He] No available calibration points

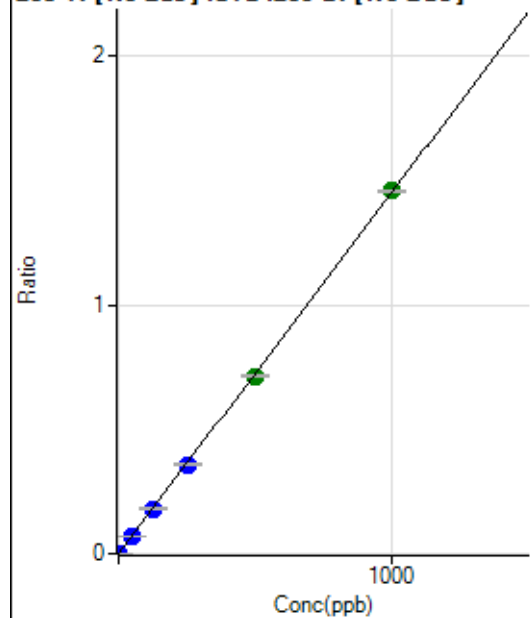
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	66.2
2	☐						
3	☐			15.56		P	75.3
4	☐			20.00		P	0.0
5	☐			11.11		P	62.5
6	☐			17.78		P	60.3
7	☐			10.00		P	57.7
8	☐			17.78		P	47.2
9	☐			25.56		P	39.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	0.0
2	☐						
3	☐			36.11		P	48.0
4	☐			19.44		P	137.
5	☐			41.67		P	52.9
6	☐			30.56		P	63.0
7	☐			27.78		P	62.5
8	☐			13.89		P	124.
9	☐			55.56		P	17.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	66.7
2	☐						
3	☐			7.78		P	65.5
4	☐			11.11		P	124.
5	☐			10.00		P	66.7
6	☐			12.22		P	31.5
7	☐			10.00		P	66.7
8	☐			16.67		P	60.0
9	☐			6.67		P	0.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	58.33	0.0000	P	25.8
2	☐	0.100					
3	☐	1.000	0.899	4812.24	0.0013	P	3.6
4	☐	50.000	48.865	260991.75	0.0709	P	2.4
5	☐	125.000	124.404	669304.23	0.1806	P	4.2
6	☐	250.000	246.769	1349658.19	0.3582	P	1.4
7	☐	500.000	491.645	2751961.39	0.7137	A	0.8
8	☐	1000.000	1005.117	5337679.89	1.4590	A	0.2
9	☐			500.03	0.0002	P	3.1

$$y = 0.0015 * x + 1.6103E-005$$

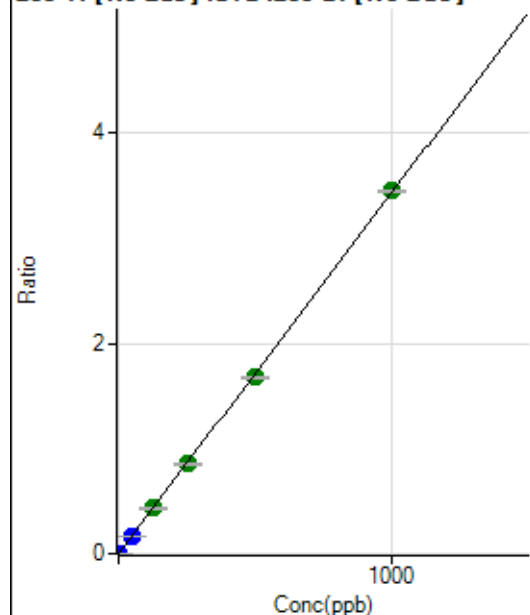
$$R = 0.9999$$

$$DL = 0.00859$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.68	0.0001	P	15.5
2	☐	0.100					
3	☐	1.000	0.894	11425.06	0.0031	P	1.5
4	☐	50.000	49.062	619708.71	0.1685	P	1.9
5	☐	125.000	125.937	1602291.46	0.4323	A	3.5
6	☐	250.000	248.223	3210040.91	0.8520	A	1.0
7	☐	500.000	488.554	6465654.83	1.6768	A	1.1
8	☐	1000.000	1006.097	12632587.78	3.4530	A	0.3
9	☐			1244.59	0.0004	P	13.1

$$y = 0.0034 * x + 6.6577E-005$$

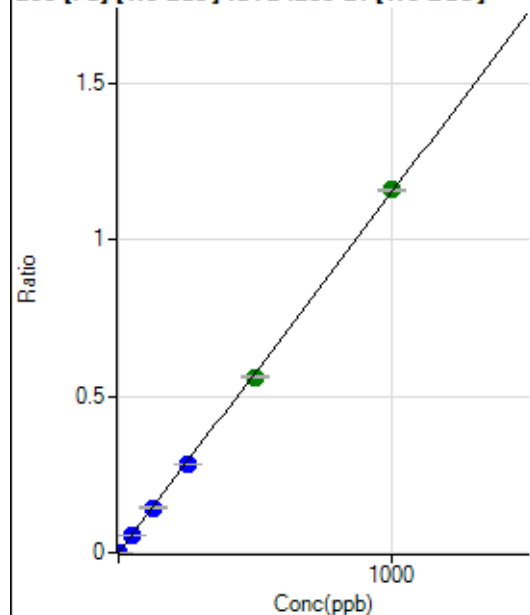
$$R = 0.9999$$

$$DL = 0.009025$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	212.97	0.0001	P	20.3
2	☐	0.100					
3	☐	1.000	0.941	4154.50	0.0011	P	4.6
4	☐	50.000	49.320	208659.10	0.0567	P	1.7
5	☐	125.000	124.569	530538.30	0.1432	P	4.4
6	☐	250.000	244.501	1058539.73	0.2809	P	0.8
7	☐	500.000	487.563	2160119.52	0.5602	A	0.9
8	☐	1000.000	1007.681	4235442.37	1.1577	A	0.7
9	☐			6042.37	0.0020	P	6.3

$$y = 0.0011 * x + 5.8727E-005$$

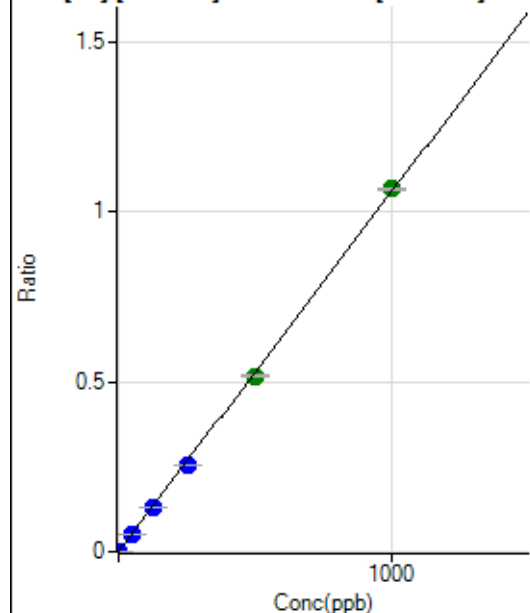
$$R = 0.9999$$

$$DL = 0.03107$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	181.49	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.876	3563.58	0.0010	P	7.9
4	☐	50.000	48.056	187425.77	0.0509	P	1.5
5	☐	125.000	122.726	481967.30	0.1300	P	3.3
6	☐	250.000	240.270	958989.94	0.2545	P	0.4
7	☐	500.000	488.629	1995520.08	0.5176	A	1.6
8	☐	1000.000	1008.499	3907731.10	1.0681	A	0.5
9	☐			5466.17	0.0018	P	6.8

$$y = 0.0011 * x + 5.0009E-005$$

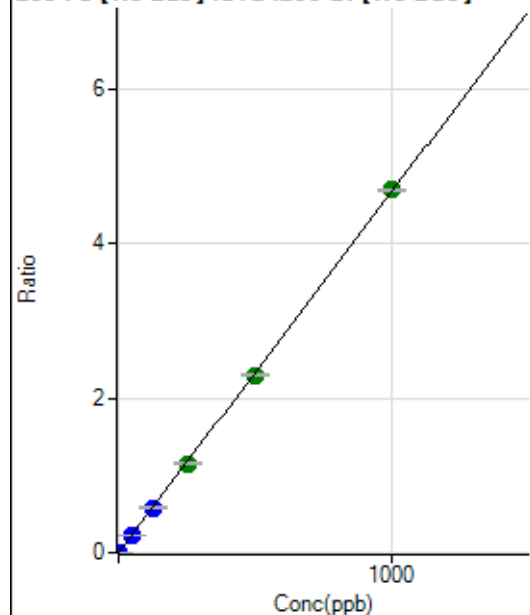
$$R = 0.9999$$

$$DL = 0.009496$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	842.63	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.893	16056.27	0.0044	P	2.7
4	☐	50.000	48.990	843228.31	0.2292	P	1.2
5	☐	125.000	124.642	2159979.16	0.5828	P	3.5
6	☐	250.000	247.258	4354828.50	1.1558	A	1.0
7	☐	500.000	490.472	8839814.48	2.2925	A	1.1
8	☐	1000.000	1005.545	17193292.42	4.6998	A	0.2
9	☐			24044.75	0.0080	P	5.1

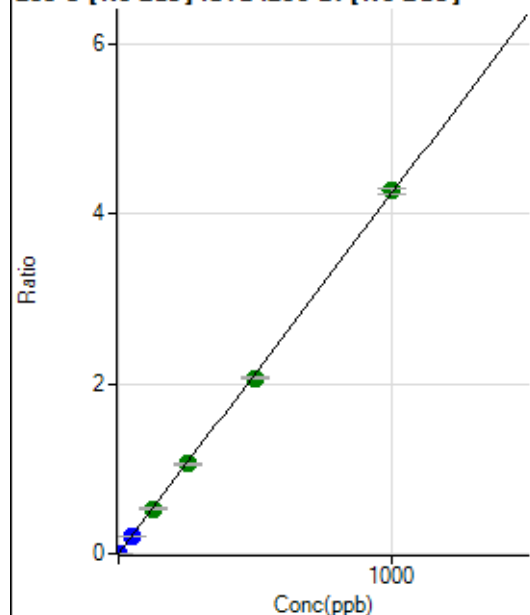
$$y = 0.0047 * x + 2.3223E-004$$

$$R = 0.9999$$

$$DL = 0.004566$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	25.00	0.0000	P	34.5
2	☐	0.100					
3	☐	1.000	0.897	13908.41	0.0038	P	3.0
4	☐	50.000	48.313	754018.44	0.2050	P	2.2
5	☐	125.000	125.397	1972051.11	0.5320	A	3.0
6	☐	250.000	249.544	3989034.98	1.0587	A	1.3
7	☐	500.000	486.450	7957674.22	2.0638	A	1.0
8	☐	1000.000	1006.924	15626431.60	4.2719	A	1.5
9	☐			411.14	0.0001	P	9.7

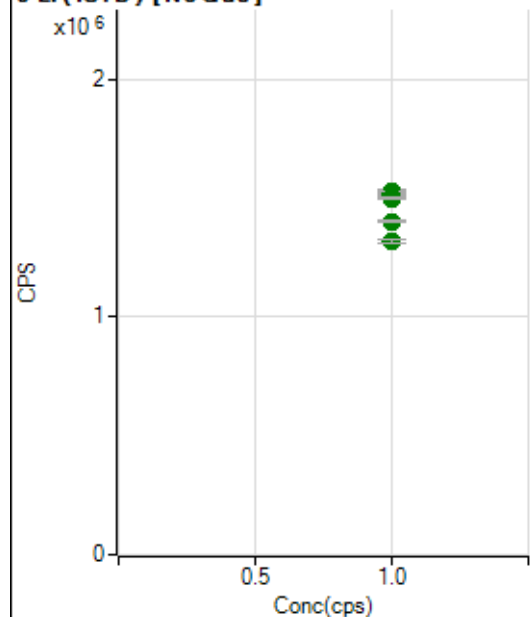
$$y = 0.0042 * x + 6.9122E-006$$

$$R = 0.9999$$

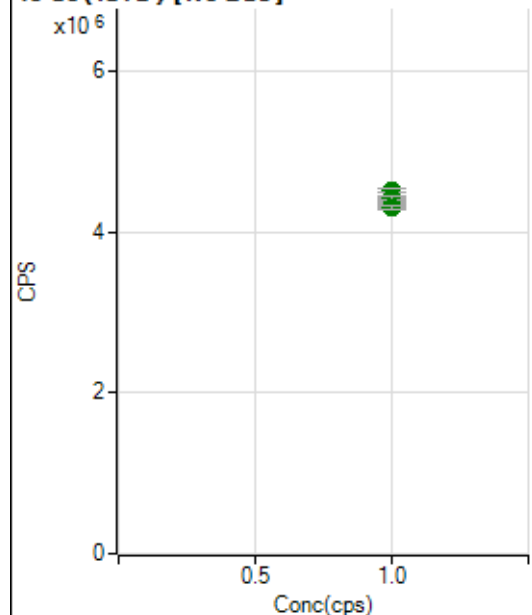
$$DL = 0.001688$$

Weight: <None>

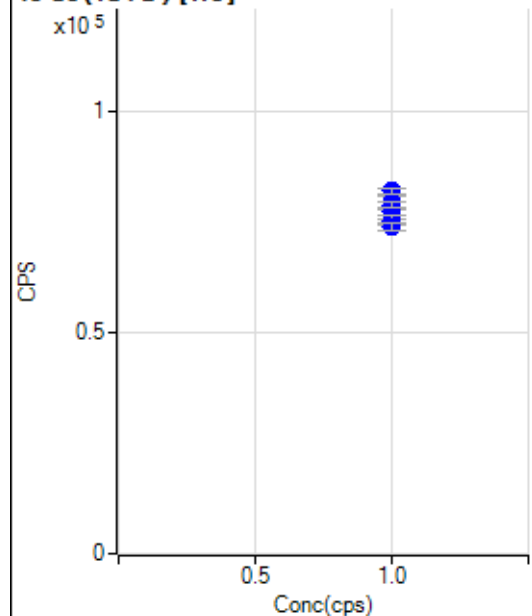
Min Conc: 0

6 Li (ISTD) [No Gas]

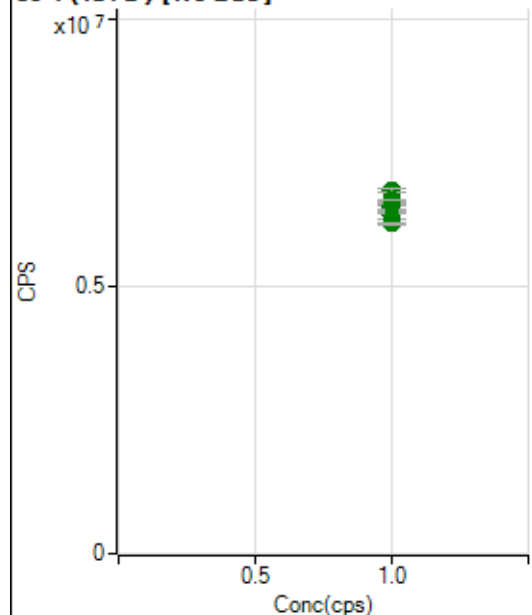
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1511256.63		A	1.4
2	☐	1.000					
3	☐	1.000		1526972.10		A	1.2
4	☐	1.000		1523139.39		A	1.3
5	☐	1.000		1511918.43		A	2.0
6	☐	1.000		1499993.86		A	0.7
7	☐	1.000		1501387.00		A	0.4
8	☐	1.000		1402161.20		A	0.6
9	☐	1.000		1321442.62		A	1.0

45 Sc (ISTD) [No Gas]

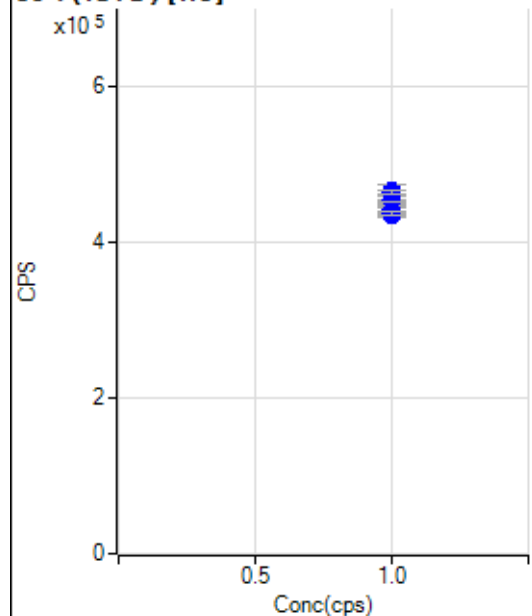
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4332604.18		A	1.2
2	☐	1.000					
3	☐	1.000		4378886.12		A	2.3
4	☐	1.000		4396149.58		A	0.8
5	☐	1.000		4346335.04		A	2.6
6	☐	1.000		4423193.33		A	1.0
7	☐	1.000		4518868.33		A	0.9
8	☐	1.000		4429354.70		A	0.9
9	☐	1.000		4316465.46		A	0.8

45 Sc (ISTD) [He]

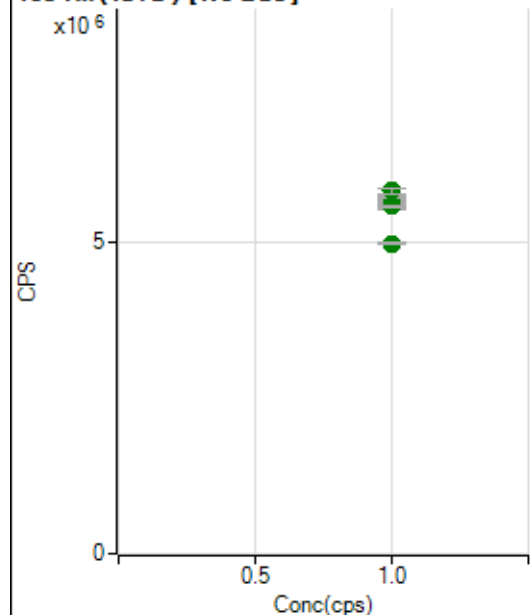
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		74496.36		P	0.6
2	☐	1.000					
3	☐	1.000		75038.86		P	1.4
4	☐	1.000		77271.01		P	1.8
5	☐	1.000		75411.48		P	2.6
6	☐	1.000		74031.65		P	2.0
7	☐	1.000		79543.69		P	3.3
8	☐	1.000		78913.27		P	1.7
9	☐	1.000		82108.24		P	1.7

89 Y (ISTD) [No Gas]

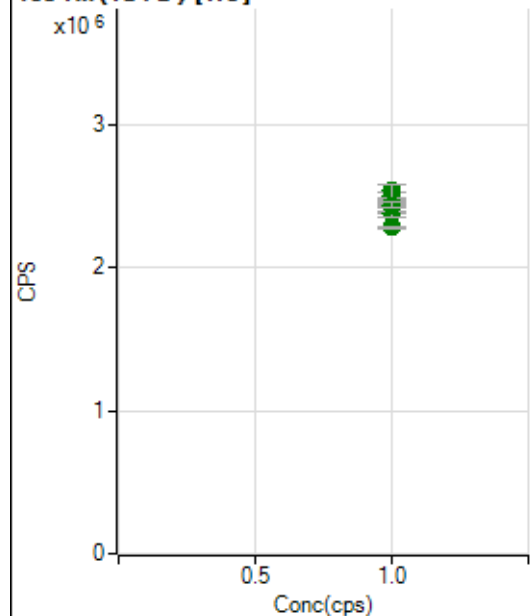
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6319882.75		A	1.6
2	☐	1.000					
3	☐	1.000		6481112.12		A	2.5
4	☐	1.000		6465748.38		A	1.5
5	☐	1.000		6516546.29		A	2.5
6	☐	1.000		6554061.36		A	0.6
7	☐	1.000		6789727.26		A	0.9
8	☐	1.000		6626727.26		A	0.3
9	☐	1.000		6177486.92		A	0.9

89 Y (ISTD) [He]

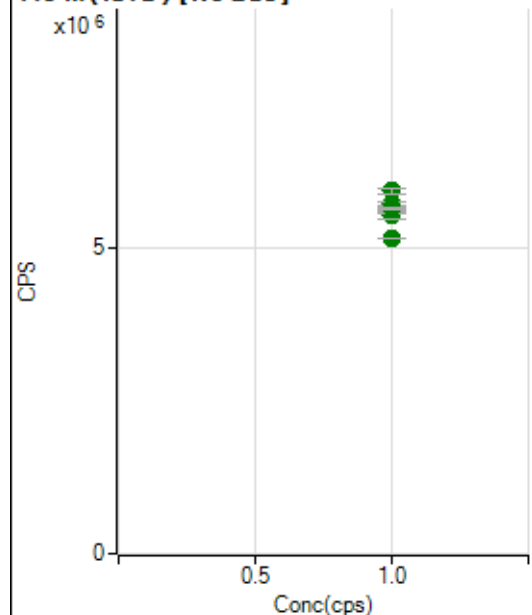
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		434622.67		P	0.6
2	☐	1.000					
3	☐	1.000		440297.86		P	1.6
4	☐	1.000		451782.51		P	1.2
5	☐	1.000		439638.86		P	3.3
6	☐	1.000		436679.36		P	1.4
7	☐	1.000		464890.44		P	3.0
8	☐	1.000		454098.68		P	1.6
9	☐	1.000		462916.60		P	1.1

103 Rh (ISTD) [No Gas]

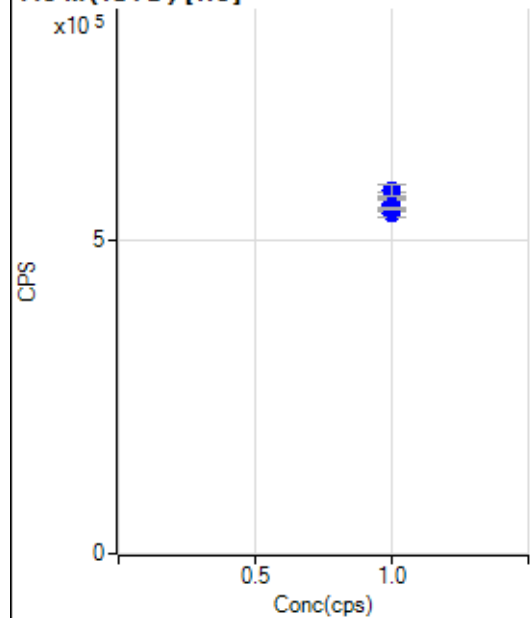
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5605883.55		A	1.5
2	☐	1.000					
3	☐	1.000		5668404.99		A	2.1
4	☐	1.000		5708257.81		A	1.1
5	☐	1.000		5590502.51		A	2.4
6	☐	1.000		5719031.20		A	0.7
7	☐	1.000		5820476.82		A	1.7
8	☐	1.000		5579276.64		A	0.5
9	☐	1.000		4979423.94		A	0.6

103 Rh (ISTD) [He]

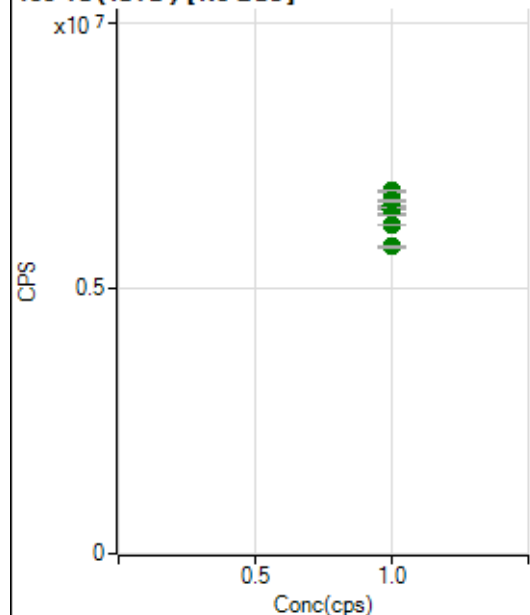
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2421319.49		A	0.5
2	☐	1.000					
3	☐	1.000		2461911.06		A	1.4
4	☐	1.000		2505693.80		A	1.9
5	☐	1.000		2417400.54		A	3.6
6	☐	1.000		2376555.85		A	1.6
7	☐	1.000		2536312.98		A	3.6
8	☐	1.000		2437489.53		A	1.4
9	☐	1.000		2280090.07		A	0.3

115 In (ISTD) [No Gas]

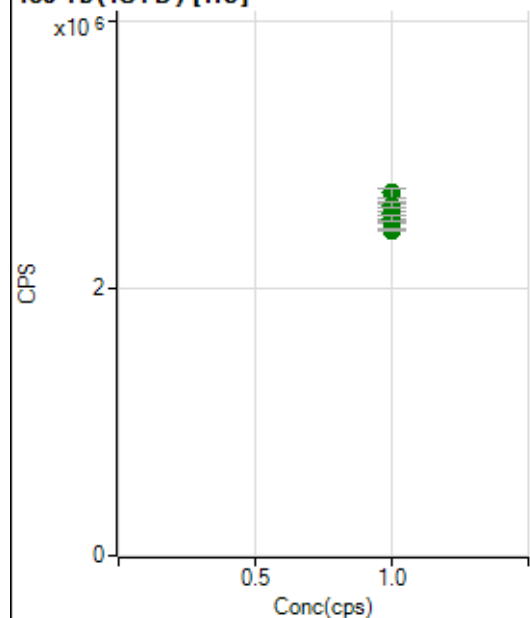
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5556330.09		A	2.2
2	☐	1.000					
3	☐	1.000		5647901.03		A	2.1
4	☐	1.000		5678854.78		A	1.0
5	☐	1.000		5686793.17		A	3.4
6	☐	1.000		5731692.83		A	1.4
7	☐	1.000		5948553.60		A	1.3
8	☐	1.000		5665510.42		A	0.9
9	☐	1.000		5168353.88		A	0.2

115 In (ISTD) [He]

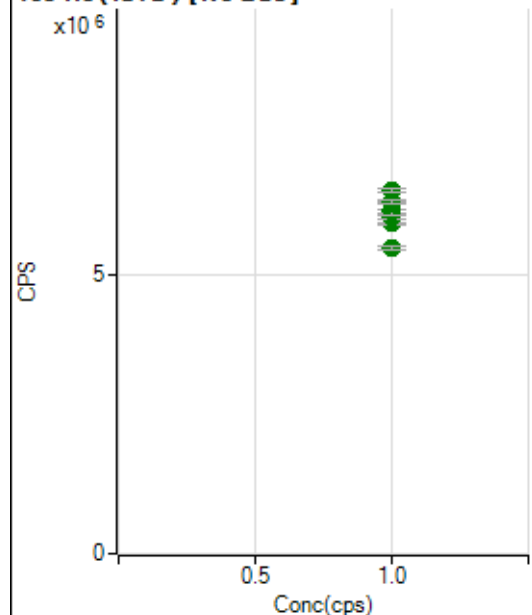
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		551540.62		P	0.8
2	☐	1.000					
3	☐	1.000		558305.83		P	2.0
4	☐	1.000		571320.39		P	1.6
5	☐	1.000		556534.29		P	3.2
6	☐	1.000		543946.84		P	2.4
7	☐	1.000		578945.93		P	3.0
8	☐	1.000		549752.69		P	1.2
9	☐	1.000		551055.69		P	0.7

159 Tb (ISTD) [No Gas]

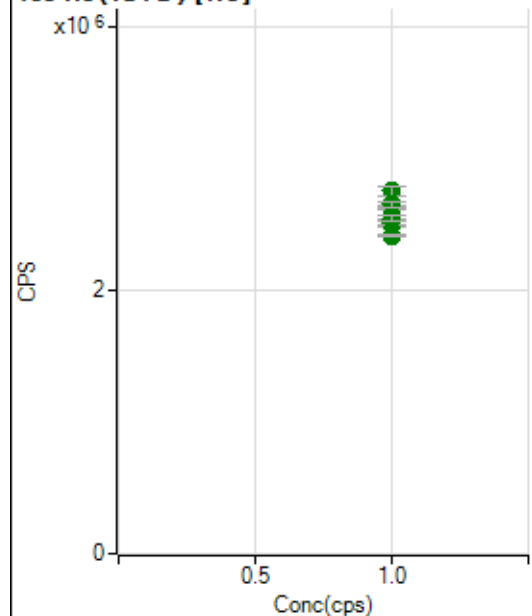
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6196101.99		A	0.4
2	☐	1.000					
3	☐	1.000		6463617.13		A	2.2
4	☐	1.000		6515137.54		A	0.8
5	☐	1.000		6466922.27		A	2.6
6	☐	1.000		6566969.21		A	1.4
7	☐	1.000		6830369.14		A	0.6
8	☐	1.000		6647565.46		A	0.6
9	☐	1.000		5781737.07		A	0.3

159 Tb (ISTD) [He]

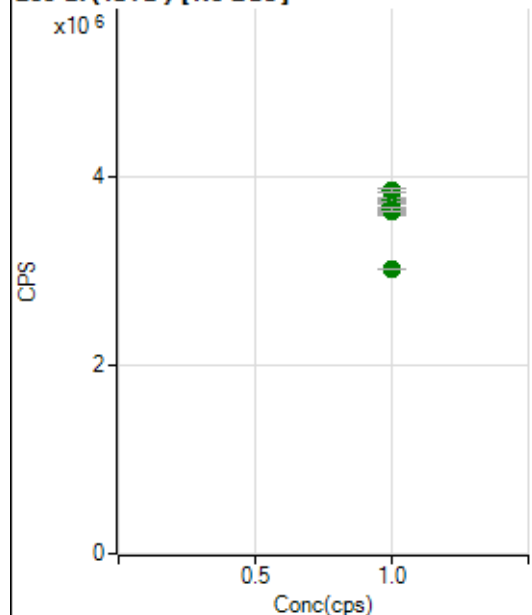
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2506214.46		A	0.6
2	☐	1.000					
3	☐	1.000		2511903.99		A	2.2
4	☐	1.000		2599009.89		A	2.0
5	☐	1.000		2558735.43		A	3.1
6	☐	1.000		2522877.50		A	1.5
7	☐	1.000		2712413.33		A	2.7
8	☐	1.000		2621200.57		A	1.5
9	☐	1.000		2435252.81		A	0.7

165 Ho (ISTD) [No Gas]

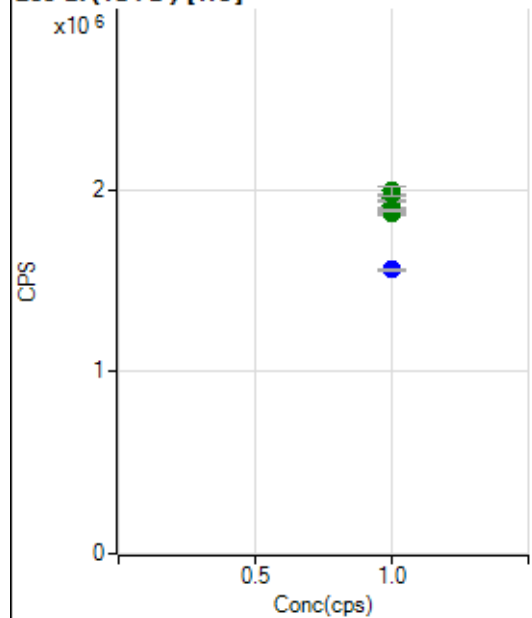
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5907931.17		A	1.0
2	☐	1.000					
3	☐	1.000		6037773.27		A	1.8
4	☐	1.000		6122049.40		A	1.3
5	☐	1.000		6165555.91		A	3.7
6	☐	1.000		6285351.53		A	0.7
7	☐	1.000		6498387.82		A	1.0
8	☐	1.000		6300610.04		A	1.1
9	☐	1.000		5479735.88		A	1.1

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2494540.19		A	0.8
2	☐	1.000					
3	☐	1.000		2520725.71		A	1.2
4	☐	1.000		2631993.73		A	1.5
5	☐	1.000		2578477.11		A	3.1
6	☐	1.000		2546834.09		A	1.6
7	☐	1.000		2757947.73		A	2.4
8	☐	1.000		2656095.93		A	1.5
9	☐	1.000		2418026.25		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3628766.65		A	1.5
2	☐	1.000					
3	☐	1.000		3645263.35		A	1.6
4	☐	1.000		3679729.29		A	2.1
5	☐	1.000		3709323.35		A	3.3
6	☐	1.000		3767979.77		A	1.1
7	☐	1.000		3856182.16		A	1.2
8	☐	1.000		3658358.80		A	1.0
9	☐	1.000		3022756.35		A	0.3

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1871997.63		A	1.1
2	☐	1.000					
3	☐	1.000		1891793.27		A	0.9
4	☐	1.000		1958027.99		A	1.6
5	☐	1.000		1910585.79		A	2.4
6	☐	1.000		1884823.84		A	1.1
7	☐	1.000		1994979.52		A	2.8
8	☐	1.000		1889134.12		A	0.8
9	☐	1.000		1561477.48		P	0.5

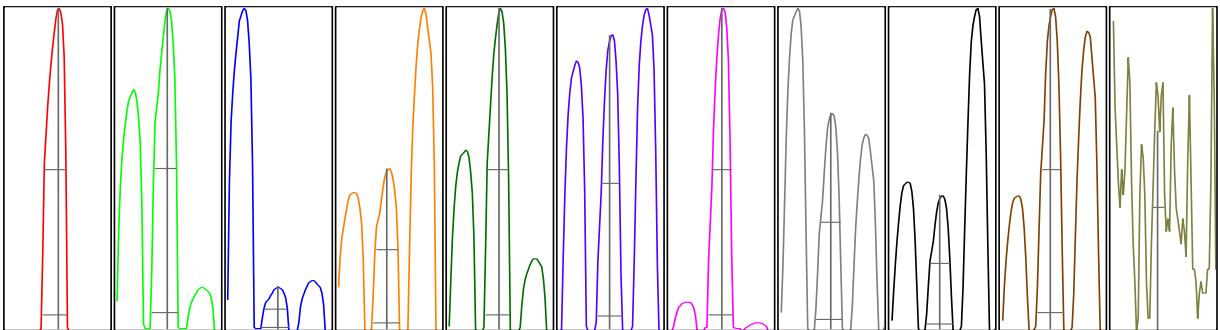
US EPA Tune Check Sample Report

Batch Folder D:\P8013019-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8086	0.58	5.00	
24	83821	0.67	5.00	
25	11491	0.63	5.00	
26	13137	0.81	5.00	
59	64200	0.63	5.00	
113	7357	1.63	5.00	
115	90748	2.25	5.00	
206	15408	0.32	5.00	
207	14071	0.45	5.00	
208	33565	0.61	5.00	
220	2	24.66		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8101	8157	8078	8032	8063
24	83943	84433	84195	83025	83510
25	11554	11575	11411	11431	11485
26	13238	13256	13013	13075	13101
59	64462	64785	63979	63910	63866
113	7509	7450	7333	7234	7256
115	93633	91813	90226	89788	88280
206	15479	15419	15347	15376	15416
207	14017	14160	14032	14031	14118
208	33526	33823	33645	33257	33573
220	1	2	1	1	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	14230	9.05	8.9 - 9.1		0.737	0.900	
24	140715	24.00	23.9 - 24.1		0.782	0.900	
25	18802	25.00	24.9 - 25.1		0.789	0.900	
26	21903	25.95	25.9 - 26.1		0.784	0.900	
59	114861	59.00	58.9 - 59.1		0.736	0.900	
113	14051	113.00	112.9 - 113.1		0.732	0.900	
115	172830	115.05	114.9 - 115.1		0.732	0.900	
206	28905	206.00	205.9 - 206.1		0.770	0.900	
207	26118	206.95	206.9 - 207.1		0.771	0.900	
208	62195	207.95	207.9 - 208.1		0.772	0.900	
220	2	219.85	-				

X% = 5 Integration Time [sec] = 0.1 Acquisition Time [sec] = 268 Y Axis = Linear

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	14.8	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination	5.0	V
He Flow	0.0	mL/min	OctP RF	200	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	12711	1.51	
89	6296	1.73	
205	13050	1.37	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	12598	12676	13042	12558	12680
89	6292	6290	6473	6181	6244
205	12864	13010	13346	13032	12996

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.0	V	Deflect	2.2	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	Yes		OctP Bias	-18.0	V	Energy Discrimination	5.0	V
He Flow	5.0	mL/min	OctP RF	200	V			

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 13:16:50 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.02	0.45	-0.43	0.00	N/A	ppb
Antimony	121-1	0.01	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-1	0.00	0.02	-0.02	0.00	N/A	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.18	-0.03	0.21	0.00	N/A	ppb
Boron	11-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	111-1	0.05	-0.05	-0.01	0.00	N/A	ppb
Cadmium	106-1	0.81	-0.64	-0.17	0.00	N/A	ppb
Cadmium	108-1	0.09	-0.03	-0.06	0.00	N/A	ppb
Calcium	43-1	2.60	4.42	-7.02	0.00	N/A	ppb
Calcium	44-1	1.72	-0.32	-1.40	0.00	N/A	ppb
Chromium	52-2	0.00	0.03	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.02	-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	56-2	0.16	-0.05	-0.11	0.00	N/A	ppb
Iron	57-2	0.87	-1.81	0.93	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.80	1.05	-0.26	0.00	N/A	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:16:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.01	0.00	N/A	ppb
Phosphorus	31-2	-29.58	-29.54	-16.70	-25.27		ppb
Potassium	39-2	-3.02	5.74	-2.72	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.71	1.70	0.01	0.00	N/A	ppb
Selenium	78-2	0.46	-0.10	-0.37	0.00	N/A	ppb
Selenium	82-1	0.25	0.08	-0.33	0.00	N/A	ppb
Silicon	28-1	1.54	-0.32	-1.22	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	1.96	-0.07	-1.88	0.00	N/A	ppb
Strontium	86-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	442.72	-138.25	-508.59	-68.04		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.03	-0.04	0.08	0.00	N/A	ppb
Titanium	47-1	-0.04	0.00	0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.05	0.02	0.03	0.00	N/A	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:16:50	DataFile Name :	003CALB.d

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

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.94	20.40	21.01	21.12	3.67	ppb
Antimony	121-1	1.84	1.78	1.67	1.76	4.69	ppb
Arsenic	75-1	0.96	0.92	1.02	0.96	5.28	ppb
Barium	135-1	9.58	9.39	9.39	9.45	1.19	ppb
Barium	137-1	9.60	9.33	9.33	9.42	1.68	ppb
Beryllium	9-1	0.92	0.93	0.93	0.93	0.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.85	22.74	23.88	23.16	2.73	ppb
Boron	11-1	22.61	22.57	22.60	22.60	0.09	ppb
Cadmium	111-1	0.86	0.92	0.92	0.90	3.79	ppb
Cadmium	106-1	1.01	1.44	1.72	1.39	25.60	ppb
Cadmium	108-1	0.87	0.73	0.74	0.78	9.54	ppb
Calcium	43-1	446.88	444.03	451.49	447.47	0.84	ppb
Calcium	44-1	456.98	449.98	434.76	447.24	2.54	ppb
Chromium	52-2	1.95	2.00	1.83	1.92	4.62	ppb
Cobalt	59-2	1.04	0.94	0.89	0.96	8.09	ppb
Copper	63-2	2.10	1.93	1.95	1.99	4.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	54.06	52.71	53.17	53.32	1.28	ppb
Iron	57-2	52.62	58.32	54.37	55.10	5.30	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.99	0.91	0.94	4.84	ppb
Lead	207-1	0.84	0.96	0.82	0.88	8.34	ppb
Lead	208-1	0.90	0.92	0.86	0.89	2.90	ppb
Lithium	6-1				101		%
Magnesium	24-2	516.26	489.52	499.80	501.86	2.69	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.09	1.04	1.13	1.09	4.37	ppb
Molybdenum	94-1	4.75	4.70	4.48	4.64	3.18	ppb
Molybdenum	95-1	4.62	4.49	4.34	4.48	3.20	ppb
Molybdenum	96-1	4.59	4.49	4.28	4.45	3.55	ppb
Molybdenum	97-1	4.62	4.39	4.37	4.46	3.15	ppb
Molybdenum	98-1	4.67	4.54	4.49	4.57	2.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.22	1.16	1.03	1.14	8.66	ppb
Phosphorus	31-2	34.73	20.33	20.74	25.27	32.45	ppb
Potassium	39-2	468.41	448.86	446.09	454.45	2.68	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	6.87	-0.05	8.50	5.11	88.89	ppb
Selenium	78-2	5.44	3.65	4.29	4.46	20.39	ppb
Selenium	82-1	5.02	5.64	4.53	5.07	10.98	ppb
Silicon	28-1	24.35	12.49	8.09	14.98	56.16	ppb
Silver	109-1	0.97	0.98	0.92	0.96	2.86	ppb
Silver	107-1	0.89	0.98	0.95	0.94	4.82	ppb
Sodium	23-2	498.26	490.64	488.38	492.43	1.05	ppb
Strontium	86-1	0.74	0.65	0.79	0.73	9.66	ppb
Strontium	88-1	0.81	0.81	0.80	0.81	0.68	ppb
Sulfur	34-1	696.98	132.23	-625.09	68.04	974.97	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.90	0.87	0.90	3.65	ppb
Thallium	205-1	0.91	0.89	0.88	0.89	1.57	ppb
Tin	118-1	5.04	4.85	4.39	4.76	7.03	ppb
Titanium	47-1	4.80	4.72	4.56	4.69	2.64	ppb
Uranium	238-1	0.88	0.88	0.93	0.90	3.03	ppb
Vanadium	51-2	4.97	4.93	4.98	4.96	0.55	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	1.80	1.56	1.70	1.69	7.19	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.90	0.92	0.92	3.18	ppb
Zirconium	91-1	0.99	0.90	0.97	0.95	5.25	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1010.45	978.85	952.94	980.75	2.94	ppb
Antimony	121-1	50.00	49.42	49.13	49.52	0.89	ppb
Arsenic	75-1	49.56	49.22	48.38	49.05	1.24	ppb
Barium	135-1	250.14	247.59	247.35	248.36	0.62	ppb
Barium	137-1	249.43	245.71	245.40	246.85	0.91	ppb
Beryllium	9-1	50.06	50.36	48.54	49.66	1.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	48.03	49.77	49.09	48.96	1.78	ppb
Boron	11-1	47.03	48.15	49.24	48.14	2.29	ppb
Cadmium	111-1	48.35	48.02	46.70	47.69	1.83	ppb
Cadmium	106-1	47.04	50.54	46.77	48.12	4.37	ppb
Cadmium	108-1	48.09	48.17	49.75	48.67	1.92	ppb
Calcium	43-1	4857.27	4861.57	4817.69	4845.51	0.50	ppb
Calcium	44-1	4915.08	4916.73	4830.09	4887.30	1.01	ppb
Chromium	52-2	50.43	49.60	47.93	49.32	2.59	ppb
Cobalt	59-2	51.96	50.11	49.89	50.65	2.24	ppb
Copper	63-2	103.22	100.48	99.18	100.96	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	2670.37	2587.67	2547.13	2601.72	2.41	ppb
Iron	57-2	2689.08	2583.88	2546.96	2606.64	2.83	ppb
Krypton	83-1						cps
Lead	206-1	50.27	48.66	49.03	49.32	1.70	ppb
Lead	207-1	48.89	47.59	47.69	48.06	1.51	ppb
Lead	208-1	49.67	48.63	48.67	48.99	1.20	ppb
Lithium	6-1				101		%
Magnesium	24-2	5250.37	5107.28	5052.91	5136.85	1.99	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.48	100.32	97.68	99.83	1.95	ppb
Molybdenum	94-1	253.81	248.75	245.46	249.34	1.69	ppb
Molybdenum	95-1	254.99	247.56	243.29	248.62	2.38	ppb
Molybdenum	96-1	254.36	248.18	246.29	249.61	1.69	ppb
Molybdenum	97-1	250.17	247.88	242.04	246.70	1.70	ppb
Molybdenum	98-1	257.53	250.13	248.36	252.01	1.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.21	51.23	51.05	51.83	2.31	ppb
Phosphorus	31-2	1066.90	1029.97	976.43	1024.43	4.44	ppb
Potassium	39-2	2449.39	2358.11	2333.22	2380.24	2.57	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	58.53	55.65	47.44	53.87	10.68	ppb
Selenium	78-2	43.07	53.54	41.37	45.99	14.33	ppb
Selenium	82-1	51.53	51.17	51.13	51.28	0.43	ppb
Silicon	28-1	70.12	68.10	66.98	68.40	2.32	ppb
Silver	109-1	50.09	50.30	50.02	50.14	0.29	ppb
Silver	107-1	49.44	49.06	49.10	49.20	0.43	ppb
Sodium	23-2	5184.34	5014.02	4991.93	5063.43	2.08	ppb
Strontium	86-1	50.14	49.22	48.17	49.17	2.01	ppb
Strontium	88-1	50.62	49.68	49.08	49.80	1.56	ppb
Sulfur	34-1	2056.94	1469.03	1796.68	1774.22	16.60	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	50.19	47.92	48.48	48.87	2.42	ppb
Thallium	205-1	50.09	48.25	48.85	49.06	1.91	ppb
Tin	118-1	49.83	49.43	49.77	49.68	0.44	ppb
Titanium	47-1	249.00	244.58	247.68	247.09	0.92	ppb
Uranium	238-1	49.43	48.18	47.33	48.31	2.18	ppb
Vanadium	51-2	49.78	48.46	47.83	48.69	2.05	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	99.78	96.55	93.22	96.52	3.40	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.29	49.56	48.54	49.46	1.78	ppb
Zirconium	91-1	49.01	49.29	47.08	48.46	2.48	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:32:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2515.60	2591.75	2397.85	2501.73	3.90	ppb
Antimony	121-1	124.99	126.12	131.09	127.40	2.55	ppb
Arsenic	75-1	122.38	125.38	128.98	125.58	2.63	ppb
Barium	135-1	622.86	633.01	659.39	638.42	2.95	ppb
Barium	137-1	624.36	642.23	676.23	647.61	4.07	ppb
Beryllium	9-1	121.11	122.94	126.47	123.51	2.21	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	121.91	117.72	126.78	122.13	3.71	ppb
Boron	11-1	116.89	120.42	124.57	120.63	3.19	ppb
Cadmium	111-1	120.71	121.66	126.65	123.00	2.59	ppb
Cadmium	106-1	124.17	120.41	132.06	125.55	4.73	ppb
Cadmium	108-1	121.49	120.47	126.44	122.80	2.60	ppb
Calcium	43-1	12006.08	12329.50	12773.22	12369.60	3.11	ppb
Calcium	44-1	11965.08	12121.33	12677.77	12254.73	3.06	ppb
Chromium	52-2	128.80	129.73	121.90	126.81	3.37	ppb
Cobalt	59-2	130.98	132.36	123.27	128.87	3.80	ppb
Copper	63-2	260.45	265.29	247.00	257.58	3.68	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				104		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	6702.77	6738.37	6278.53	6573.23	3.89	ppb
Iron	57-2	6825.14	6792.79	6397.93	6671.95	3.57	ppb
Krypton	83-1						cps
Lead	206-1	119.52	123.87	130.31	124.57	4.36	ppb
Lead	207-1	119.03	122.08	127.07	122.73	3.31	ppb
Lead	208-1	120.55	124.09	129.29	124.64	3.53	ppb
Lithium	6-1				100		%
Magnesium	24-2	13207.16	13418.02	12576.75	13067.31	3.35	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:32:15	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	260.59	261.33	246.05	255.99	3.37	ppb
Molybdenum	94-1	632.65	629.71	649.63	637.33	1.69	ppb
Molybdenum	95-1	619.92	635.59	666.92	640.81	3.73	ppb
Molybdenum	96-1	617.14	644.10	650.56	637.27	2.78	ppb
Molybdenum	97-1	620.05	638.12	660.34	639.50	3.16	ppb
Molybdenum	98-1	618.23	621.12	641.31	626.88	2.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.70	136.08	127.28	132.69	3.57	ppb
Phosphorus	31-2	2531.18	2489.13	2458.79	2493.03	1.46	ppb
Potassium	39-2	6204.37	6306.38	5838.59	6116.44	4.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	104.42	130.76	137.33	124.17	14.02	ppb
Selenium	78-2	126.90	130.34	118.33	125.19	4.94	ppb
Selenium	82-1	125.47	124.91	130.28	126.89	2.32	ppb
Silicon	28-1	130.32	138.25	141.37	136.65	4.17	ppb
Silver	109-1	126.48	126.69	132.68	128.62	2.74	ppb
Silver	107-1	122.19	124.88	129.66	125.58	3.01	ppb
Sodium	23-2	13186.99	13549.72	12592.50	13109.74	3.69	ppb
Strontium	86-1	120.08	122.19	128.45	123.57	3.52	ppb
Strontium	88-1	124.46	125.68	131.87	127.33	3.12	ppb
Sulfur	34-1	3419.69	4203.42	4995.13	4206.08	18.73	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	118.87	125.23	129.11	124.40	4.15	ppb
Thallium	205-1	121.31	126.56	129.94	125.94	3.45	ppb
Tin	118-1	124.99	125.97	131.62	127.53	2.81	ppb
Titanium	47-1	613.61	623.54	649.70	628.95	2.96	ppb
Uranium	238-1	121.51	125.59	129.09	125.40	3.02	ppb
Vanadium	51-2	125.88	127.92	120.99	124.93	2.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	250.21	253.88	237.69	247.26	3.43	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:32:15	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	122.31	127.13	130.77	126.73	3.35	ppb
Zirconium	91-1	118.95	121.62	125.53	122.03	2.71	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5046.10	5143.22	5194.88	5128.07	1.47	ppb
Antimony	121-1	252.39	253.85	259.26	255.17	1.42	ppb
Arsenic	75-1	248.23	251.19	243.53	247.65	1.56	ppb
Barium	135-1	1274.00	1275.95	1281.67	1277.21	0.31	ppb
Barium	137-1	1257.99	1256.12	1279.02	1264.38	1.01	ppb
Beryllium	9-1	245.06	243.41	247.70	245.39	0.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	232.99	239.42	245.03	239.15	2.52	ppb
Boron	11-1	238.03	240.48	245.31	241.27	1.54	ppb
Cadmium	111-1	237.22	241.16	244.72	241.03	1.56	ppb
Cadmium	106-1	243.99	242.01	250.85	245.62	1.89	ppb
Cadmium	108-1	240.62	242.29	250.18	244.36	2.09	ppb
Calcium	43-1	24269.82	24514.34	24199.51	24327.89	0.68	ppb
Calcium	44-1	24182.50	24202.00	23864.70	24083.07	0.79	ppb
Chromium	52-2	255.73	265.39	264.99	262.04	2.09	ppb
Cobalt	59-2	259.47	266.94	266.68	264.36	1.60	ppb
Copper	63-2	518.03	533.62	534.56	528.74	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	13142.83	13706.47	13452.70	13434.00	2.10	ppb
Iron	57-2	13375.52	13803.35	13760.28	13646.38	1.73	ppb
Krypton	83-1						cps
Lead	206-1	243.36	246.79	243.35	244.50	0.81	ppb
Lead	207-1	239.28	240.98	240.55	240.27	0.37	ppb
Lead	208-1	244.52	248.77	248.48	247.26	0.96	ppb
Lithium	6-1				99		%
Magnesium	24-2	26327.43	27506.62	27277.67	27037.24	2.31	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	517.11	536.58	530.04	527.91	1.88	ppb
Molybdenum	94-1	1249.39	1266.50	1275.49	1263.79	1.05	ppb
Molybdenum	95-1	1245.87	1260.99	1271.79	1259.55	1.03	ppb
Molybdenum	96-1	1239.99	1241.71	1257.35	1246.35	0.77	ppb
Molybdenum	97-1	1266.05	1272.97	1273.84	1270.96	0.34	ppb
Molybdenum	98-1	1247.94	1253.30	1249.19	1250.14	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.27	269.55	272.00	268.61	1.47	ppb
Phosphorus	31-2	4807.88	5442.87	5152.99	5134.58	6.19	ppb
Potassium	39-2	12233.51	12675.15	12568.16	12492.28	1.84	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	237.23	249.68	257.68	248.20	4.15	ppb
Selenium	78-2	250.11	263.02	256.21	256.45	2.52	ppb
Selenium	82-1	255.15	256.25	255.04	255.48	0.26	ppb
Silicon	28-1	259.89	263.75	259.52	261.06	0.90	ppb
Silver	109-1	253.93	256.98	259.07	256.66	1.01	ppb
Silver	107-1	253.38	250.43	258.02	253.94	1.51	ppb
Sodium	23-2	25724.33	26590.42	26503.32	26272.69	1.82	ppb
Strontium	86-1	248.18	246.71	249.04	247.98	0.47	ppb
Strontium	88-1	249.80	249.84	251.85	250.50	0.47	ppb
Sulfur	34-1	5085.61	5188.05	4267.14	4846.93	10.41	ppb
Terbium	159-1				106		%
Terbium	159-2				101		%
Thallium	203-1	244.23	250.72	245.36	246.77	1.41	ppb
Thallium	205-1	246.79	251.18	246.70	248.22	1.03	ppb
Tin	118-1	251.97	251.38	251.05	251.47	0.19	ppb
Titanium	47-1	1284.37	1286.13	1248.92	1273.14	1.65	ppb
Uranium	238-1	250.28	252.45	245.90	249.54	1.34	ppb
Vanadium	51-2	251.82	261.97	262.75	258.84	2.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				100		%
Zinc	66-2	493.94	513.41	514.88	507.41	2.30	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.05	253.67	252.59	253.10	0.21	ppb
Zirconium	91-1	243.43	242.03	245.13	243.53	0.64	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:39:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9112.02	9697.47	9621.51	9477.00	3.36	ppb
Antimony	121-1	496.43	493.18	488.63	492.75	0.80	ppb
Arsenic	75-1	496.13	492.96	482.08	490.39	1.50	ppb
Barium	135-1	2440.43	2471.84	2467.96	2460.08	0.70	ppb
Barium	137-1	2454.33	2419.64	2421.96	2431.98	0.80	ppb
Beryllium	9-1	481.54	478.07	478.55	479.39	0.39	ppb
Bismuth	209-1				106		%
Bismuth	209-2				107		%
Boron	10-1	474.43	477.47	477.08	476.32	0.35	ppb
Boron	11-1	473.10	474.66	479.69	475.82	0.72	ppb
Cadmium	111-1	466.35	464.47	462.63	464.48	0.40	ppb
Cadmium	106-1	469.30	468.21	470.30	469.27	0.22	ppb
Cadmium	108-1	475.80	470.32	472.11	472.74	0.59	ppb
Calcium	43-1	48174.81	48295.12	47876.46	48115.46	0.45	ppb
Calcium	44-1	47484.63	47201.61	47308.71	47331.65	0.30	ppb
Chromium	52-2	463.06	493.20	491.63	482.63	3.52	ppb
Cobalt	59-2	479.40	509.53	503.46	497.46	3.20	ppb
Copper	63-2	945.66	1000.37	1004.07	983.36	3.33	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				111		%
Indium	115-1				107		%
Indium	115-2				105		%
Iron	56-2	24111.53	25473.54	25513.03	25032.70	3.19	ppb
Iron	57-2	24507.75	25767.91	25810.27	25361.98	2.92	ppb
Krypton	83-1						cps
Lead	206-1	482.74	490.38	489.57	487.56	0.86	ppb
Lead	207-1	485.44	497.60	482.85	488.63	1.61	ppb
Lead	208-1	485.68	496.36	489.38	490.47	1.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	47893.95	50273.84	50039.62	49402.47	2.66	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:39:33	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	939.99	996.13	1004.64	980.25	3.58	ppb
Molybdenum	94-1	2464.56	2419.93	2445.35	2443.28	0.92	ppb
Molybdenum	95-1	2439.76	2420.56	2419.15	2426.49	0.47	ppb
Molybdenum	96-1	2450.25	2422.82	2421.69	2431.59	0.67	ppb
Molybdenum	97-1	2467.32	2420.06	2458.14	2448.51	1.02	ppb
Molybdenum	98-1	2456.44	2417.41	2460.76	2444.87	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.90	507.82	506.85	498.86	2.95	ppb
Phosphorus	31-2	9721.67	9808.20	10072.12	9867.33	1.85	ppb
Potassium	39-2	22857.46	23934.24	24249.98	23680.56	3.08	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	459.96	543.54	502.56	502.02	8.32	ppb
Selenium	78-2	473.60	486.17	503.12	487.63	3.04	ppb
Selenium	82-1	492.03	485.80	490.77	489.54	0.67	ppb
Silicon	28-1	500.95	506.39	489.34	498.89	1.75	ppb
Silver	109-1	486.76	482.34	492.53	487.21	1.05	ppb
Silver	107-1	481.61	485.85	489.48	485.65	0.81	ppb
Sodium	23-2	46337.42	49791.38	49428.64	48519.14	3.91	ppb
Strontium	86-1	488.43	479.42	482.96	483.60	0.94	ppb
Strontium	88-1	488.63	488.45	483.80	486.96	0.56	ppb
Sulfur	34-1	8634.64	8858.19	8226.23	8573.02	3.74	ppb
Terbium	159-1				110		%
Terbium	159-2				108		%
Thallium	203-1	489.02	496.22	489.70	491.65	0.81	ppb
Thallium	205-1	483.98	494.47	487.21	488.55	1.10	ppb
Tin	118-1	502.20	497.94	494.65	498.26	0.76	ppb
Titanium	47-1	2466.77	2482.52	2404.60	2451.30	1.68	ppb
Uranium	238-1	488.69	489.85	480.82	486.45	1.01	ppb
Vanadium	51-2	462.34	489.59	489.42	480.45	3.26	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	900.27	951.45	948.64	933.45	3.08	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:39:33	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.43	487.10	482.21	487.25	1.05	ppb
Zirconium	91-1	496.74	492.38	484.36	491.16	1.28	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:43:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19496.63	19306.60	19048.99	19284.07	1.17	ppb
Antimony	121-1	995.12	1003.59	1007.47	1002.06	0.63	ppb
Arsenic	75-1	993.37	998.30	1024.43	1005.37	1.66	ppb
Barium	135-1	4959.77	5036.96	5037.96	5011.57	0.90	ppb
Barium	137-1	5012.92	5022.55	5047.78	5027.75	0.36	ppb
Beryllium	9-1	1008.79	1016.97	1009.22	1011.66	0.46	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	992.27	1032.38	1020.38	1015.01	2.03	ppb
Boron	11-1	996.01	1028.73	1020.18	1014.97	1.67	ppb
Cadmium	111-1	1018.04	1024.90	1018.15	1020.36	0.39	ppb
Cadmium	106-1	1012.47	1026.27	1010.72	1016.49	0.84	ppb
Cadmium	108-1	1014.05	1013.16	1018.92	1015.38	0.31	ppb
Calcium	43-1	97378.24	99585.73	99815.82	98926.60	1.36	ppb
Calcium	44-1	96428.26	96685.86	98159.72	97091.28	0.96	ppb
Chromium	52-2	1025.21	988.59	1002.65	1005.48	1.84	ppb
Cobalt	59-2	1013.08	1000.88	977.53	997.16	1.81	ppb
Copper	63-2	2027.53	2015.67	1957.21	2000.14	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	51779.58	50887.99	49976.84	50881.47	1.77	ppb
Iron	57-2	52757.79	52185.49	51189.67	52044.32	1.52	ppb
Krypton	83-1						cps
Lead	206-1	1010.30	1013.15	999.60	1007.68	0.71	ppb
Lead	207-1	1011.78	1011.11	1002.61	1008.50	0.51	ppb
Lead	208-1	1007.31	1003.50	1005.83	1005.54	0.19	ppb
Lithium	6-1				93		%
Magnesium	24-2	100830.47	100152.38	98358.08	99780.31	1.28	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:43:01	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2029.37	2009.49	1967.61	2002.15	1.57	ppb
Molybdenum	94-1	5015.77	4996.92	5057.52	5023.40	0.62	ppb
Molybdenum	95-1	4990.06	5037.67	5069.65	5032.46	0.80	ppb
Molybdenum	96-1	5016.55	5025.67	5058.60	5033.61	0.44	ppb
Molybdenum	97-1	4969.49	5015.00	5072.10	5018.86	1.02	ppb
Molybdenum	98-1	4943.33	5027.95	5110.29	5027.19	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1010.30	997.68	976.62	994.87	1.71	ppb
Phosphorus	31-2	20738.81	20261.32	19096.89	20032.34	4.22	ppb
Potassium	39-2	48981.36	48052.23	48222.63	48418.74	1.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	1014.55	988.68	994.82	999.35	1.35	ppb
Selenium	78-2	1032.48	981.10	1000.67	1004.75	2.58	ppb
Selenium	82-1	996.48	1006.53	1007.67	1003.56	0.61	ppb
Silicon	28-1	992.09	988.83	1005.18	995.37	0.87	ppb
Silver	109-1	991.62	1009.23	1011.97	1004.27	1.10	ppb
Silver	107-1	996.67	1011.15	1010.65	1006.16	0.82	ppb
Sodium	23-2	99760.59	98767.33	96880.50	98469.47	1.49	ppb
Strontium	86-1	999.23	1006.42	1021.12	1008.92	1.11	ppb
Strontium	88-1	997.31	1005.20	1015.84	1006.12	0.92	ppb
Sulfur	34-1	20301.97	20482.89	20714.49	20499.79	1.01	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	1002.64	1005.16	1007.55	1005.12	0.24	ppb
Thallium	205-1	1002.68	1008.86	1006.75	1006.10	0.31	ppb
Tin	118-1	989.75	1010.64	1000.22	1000.20	1.04	ppb
Titanium	47-1	4988.61	4994.70	5071.33	5018.22	0.92	ppb
Uranium	238-1	1011.41	989.88	1019.48	1006.92	1.52	ppb
Vanadium	51-2	1023.62	1002.19	997.11	1007.64	1.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	2054.26	2036.60	2004.96	2031.94	1.23	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:43:01	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	999.06	1003.98	1013.19	1005.41	0.71	ppb
Zirconium	91-1	996.81	1004.80	1017.86	1006.49	1.06	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101106.22	100420.10	99041.38	100189.23	1.05	ppb
Antimony	121-1	1.31	1.19	1.30	1.27	5.20	ppb
Arsenic	75-1	1.39	1.32	1.44	1.39	4.20	ppb
Barium	135-1	0.63	0.46	0.62	0.57	16.39	ppb
Barium	137-1	0.55	0.51	0.56	0.54	5.06	ppb
Beryllium	9-1	0.13	0.09	0.12	0.11	15.65	ppb
Bismuth	209-1				83		%
Bismuth	209-2				83		%
Boron	10-1	17.66	17.09	16.72	17.16	2.76	ppb
Boron	11-1	18.74	17.03	16.00	17.26	8.01	ppb
Cadmium	111-1	0.20	0.11	0.14	0.15	29.99	ppb
Cadmium	106-1	2.05	1.05	1.35	1.48	34.61	ppb
Cadmium	108-1	0.20	-0.02	0.32	0.17	105.48	ppb
Calcium	43-1	497211.12	505637.44	498476.23	500441.60	0.91	ppb
Calcium	44-1	493576.38	510103.20	499025.63	500901.74	1.68	ppb
Chromium	52-2	6.96	6.70	6.84	6.83	1.89	ppb
Cobalt	59-2	11.38	11.00	11.12	11.17	1.75	ppb
Copper	63-2	2.41	2.28	2.38	2.36	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				100		%
Iron	56-2	253513.14	248539.59	247241.18	249764.64	1.33	ppb
Iron	57-2	253964.34	246154.82	248338.85	249486.00	1.61	ppb
Krypton	83-1						cps
Lead	206-1	1.76	1.75	1.56	1.69	6.53	ppb
Lead	207-1	1.77	1.67	1.54	1.66	6.98	ppb
Lead	208-1	1.73	1.67	1.56	1.65	5.26	ppb
Lithium	6-1				87		%
Magnesium	24-2	510103.37	497737.21	492118.24	499986.28	1.84	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.93	8.04	7.84	7.94	1.30	ppb
Molybdenum	94-1	1.92	1.80	1.69	1.80	6.26	ppb
Molybdenum	95-1	1.98	2.14	1.96	2.03	4.93	ppb
Molybdenum	96-1	2.40	2.31	2.31	2.34	2.11	ppb
Molybdenum	97-1	2.19	1.97	2.00	2.05	5.98	ppb
Molybdenum	98-1	2.13	2.02	1.98	2.04	3.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.65	11.75	11.75	12.05	4.30	ppb
Phosphorus	31-2	-12.36	-12.89	-13.14	-12.80		ppb
Potassium	39-2	254704.85	248377.17	248277.61	250453.21	1.47	ppb
Rhodium	103-1				89		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				110		%
Selenium	77-2	1.55	-0.10	-1.71	-0.09		ppb
Selenium	78-2	-0.12	0.13	0.38	0.13	190.22	ppb
Selenium	82-1	-0.08	1.36	0.54	0.61	118.39	ppb
Silicon	28-1	41.22	45.28	44.42	43.64	4.91	ppb
Silver	109-1	0.15	0.14	0.14	0.14	3.61	ppb
Silver	107-1	0.13	0.12	0.14	0.13	7.36	ppb
Sodium	23-2	507931.37	498563.65	494629.04	500374.69	1.37	ppb
Strontium	86-1	3.70	3.67	3.36	3.58	5.23	ppb
Strontium	88-1	3.71	3.70	3.68	3.70	0.39	ppb
Sulfur	34-1	-4724.51	-4529.34	-4957.98	-4737.28		ppb
Terbium	159-1				93		%
Terbium	159-2				97		%
Thallium	203-1	0.11	0.10	0.10	0.10	3.49	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	15.64	ppb
Tin	118-1	0.92	0.93	0.97	0.94	2.45	ppb
Titanium	47-1	0.68	0.67	0.71	0.69	3.48	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.25	ppb
Vanadium	51-2	0.13	0.09	0.09	0.10	20.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				107		%
Zinc	66-2	10.51	10.30	10.21	10.34	1.49	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.21	0.18	0.21	12.50	ppb
Zirconium	91-1	0.24	0.18	0.25	0.23	15.72	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:02:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	476.82	481.75	477.26	478.61	0.57	ppb
Antimony	121-1	202.73	197.61	197.17	199.17	1.55	ppb
Arsenic	75-1	186.81	185.17	185.54	185.84	0.46	ppb
Barium	135-1	98.92	99.35	99.88	99.38	0.48	ppb
Barium	137-1	99.85	98.86	99.54	99.42	0.51	ppb
Beryllium	9-1	94.61	93.26	93.63	93.84	0.75	ppb
Bismuth	209-1				93		%
Bismuth	209-2				96		%
Boron	10-1	460.73	473.49	478.09	470.77	1.91	ppb
Boron	11-1	468.46	467.79	482.54	472.93	1.76	ppb
Cadmium	111-1	99.63	99.62	99.89	99.71	0.15	ppb
Cadmium	106-1	159.50	154.66	155.85	156.67	1.61	ppb
Cadmium	108-1	140.69	138.10	140.82	139.87	1.10	ppb
Calcium	43-1	2158.18	2099.17	2114.09	2123.81	1.44	ppb
Calcium	44-1	2042.57	2005.11	2038.32	2028.67	1.01	ppb
Chromium	52-2	94.61	93.54	95.34	94.50	0.96	ppb
Cobalt	59-2	97.26	97.03	97.63	97.31	0.31	ppb
Copper	63-2	95.93	96.82	97.27	96.67	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				96		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	989.13	988.14	996.72	991.33	0.47	ppb
Iron	57-2	1004.25	1004.78	1006.89	1005.31	0.14	ppb
Krypton	83-1						cps
Lead	206-1	190.80	195.66	195.90	194.12	1.48	ppb
Lead	207-1	179.76	183.89	185.89	183.18	1.71	ppb
Lead	208-1	189.31	190.43	193.35	191.03	1.09	ppb
Lithium	6-1				91		%
Magnesium	24-2	1203.46	1184.69	1215.44	1201.19	1.29	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:02:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.25	94.33	97.12	96.23	1.72	ppb
Molybdenum	94-1	2358.41	2338.19	2357.72	2351.44	0.49	ppb
Molybdenum	95-1	2308.85	2327.16	2284.79	2306.93	0.92	ppb
Molybdenum	96-1	2319.74	2329.26	2319.91	2322.97	0.23	ppb
Molybdenum	97-1	2339.61	2338.55	2343.99	2340.72	0.12	ppb
Molybdenum	98-1	2304.66	2310.96	2328.40	2314.67	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.04	98.44	100.40	99.30	1.01	ppb
Phosphorus	31-2	-6.80	-6.82	-0.55	-4.72		ppb
Potassium	39-2	1926.83	1936.40	1925.27	1929.50	0.31	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				109		%
Selenium	77-2	186.18	217.45	180.07	194.57	10.31	ppb
Selenium	78-2	194.75	200.25	189.91	194.97	2.65	ppb
Selenium	82-1	195.69	195.10	197.48	196.09	0.63	ppb
Silicon	28-1	0.72	0.90	1.69	1.10	46.63	ppb
Silver	109-1	102.27	100.58	101.86	101.57	0.87	ppb
Silver	107-1	100.44	99.75	100.57	100.25	0.44	ppb
Sodium	23-2	1985.23	1972.20	1975.36	1977.60	0.34	ppb
Strontium	86-1	518.01	510.96	515.29	514.75	0.69	ppb
Strontium	88-1	511.85	503.59	509.70	508.38	0.84	ppb
Sulfur	34-1	-5561.80	-6076.82	-5921.85	-5853.49		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	191.37	192.72	194.17	192.75	0.73	ppb
Thallium	205-1	198.89	198.78	197.55	198.41	0.38	ppb
Tin	118-1	506.10	491.72	498.46	498.76	1.44	ppb
Titanium	47-1	2350.85	2340.92	2334.09	2341.95	0.36	ppb
Uranium	238-1	455.11	454.24	465.92	458.42	1.42	ppb
Vanadium	51-2	93.28	92.98	95.31	93.86	1.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	187.93	190.42	189.93	189.43	0.70	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:02:48	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.93	488.56	492.08	491.86	0.65	ppb
Zirconium	91-1	483.34	491.32	495.56	490.07	1.27	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:09:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.70	19.15	20.64	21.16	10.97	ppb
Antimony	121-1	1.95	1.99	1.96	1.97	1.08	ppb
Arsenic	75-1	0.96	1.10	0.95	1.00	7.99	ppb
Barium	135-1	10.05	10.28	10.09	10.14	1.21	ppb
Barium	137-1	10.03	10.04	9.76	9.94	1.59	ppb
Beryllium	9-1	1.02	0.95	1.01	1.00	3.89	ppb
Bismuth	209-1				92		%
Bismuth	209-2				95		%
Boron	10-1	29.23	27.74	31.49	29.49	6.42	ppb
Boron	11-1	29.06	28.81	28.59	28.82	0.82	ppb
Cadmium	111-1	0.89	0.97	0.91	0.93	4.68	ppb
Cadmium	106-1	1.13	1.12	0.55	0.93	35.12	ppb
Cadmium	108-1	0.92	1.23	0.62	0.92	33.00	ppb
Calcium	43-1	434.89	459.32	445.94	446.72	2.74	ppb
Calcium	44-1	472.22	477.44	475.28	474.98	0.55	ppb
Chromium	52-2	1.97	2.01	2.27	2.09	7.89	ppb
Cobalt	59-2	0.95	0.94	1.01	0.96	3.92	ppb
Copper	63-2	1.90	1.94	1.94	1.93	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	54.04	53.89	57.94	55.29	4.16	ppb
Iron	57-2	53.81	52.60	57.42	54.61	4.59	ppb
Krypton	83-1						cps
Lead	206-1	1.03	1.01	0.95	1.00	4.40	ppb
Lead	207-1	1.00	0.90	0.97	0.96	5.64	ppb
Lead	208-1	1.01	0.99	0.99	1.00	1.38	ppb
Lithium	6-1				91		%
Magnesium	24-2	510.47	501.81	555.05	522.44	5.47	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:09:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.04	1.10	1.04	4.75	ppb
Molybdenum	94-1	4.80	4.82	4.65	4.76	1.94	ppb
Molybdenum	95-1	4.84	4.72	4.56	4.71	3.01	ppb
Molybdenum	96-1	4.87	4.65	4.77	4.76	2.28	ppb
Molybdenum	97-1	4.87	4.64	4.46	4.66	4.38	ppb
Molybdenum	98-1	4.92	4.65	4.67	4.75	3.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.15	1.29	1.15	11.95	ppb
Phosphorus	31-2	36.99	36.87	35.76	36.54	1.85	ppb
Potassium	39-2	508.05	491.88	554.27	518.07	6.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	3.24	9.91	3.56	5.57	67.51	ppb
Selenium	78-2	5.48	5.78	9.56	6.94	32.80	ppb
Selenium	82-1	5.70	6.01	4.72	5.48	12.32	ppb
Silicon	28-1	4.77	26.43	4.45	11.88	106.01	ppb
Silver	109-1	1.09	1.09	1.13	1.10	1.99	ppb
Silver	107-1	1.08	1.09	1.02	1.06	3.74	ppb
Sodium	23-2	509.92	521.35	571.63	534.30	6.14	ppb
Strontium	86-1	0.82	0.77	0.76	0.78	4.11	ppb
Strontium	88-1	0.81	0.81	0.79	0.80	1.25	ppb
Sulfur	34-1	-3945.89	-3502.93	-4085.99	-3844.94		ppb
Terbium	159-1				95		%
Terbium	159-2				97		%
Thallium	203-1	0.93	0.90	0.89	0.91	2.54	ppb
Thallium	205-1	0.94	0.95	1.02	0.97	4.53	ppb
Tin	118-1	5.07	5.16	4.99	5.07	1.62	ppb
Titanium	47-1	4.61	4.93	4.90	4.81	3.68	ppb
Uranium	238-1	0.90	0.89	0.88	0.89	1.44	ppb
Vanadium	51-2	4.91	4.85	5.13	4.96	2.94	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	2.02	1.81	1.89	1.91	5.68	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:09:54	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.04	0.99	0.97	1.00	3.48	ppb
Zirconium	91-1	0.98	0.97	0.99	0.98	1.16	ppb

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:13:23 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.60	0.10	1.54	0.75	98.03	ppb
Antimony	121-1	0.04	0.03	0.02	0.03	28.99	ppb
Arsenic	75-1	-0.01	0.01	0.00	0.00	545.73	ppb
Barium	135-1	-0.02	0.02	0.02	0.01	265.11	ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	25.01	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	4.54	5.53	4.68	4.92	10.89	ppb
Boron	11-1	4.55	4.38	4.40	4.44	2.11	ppb
Cadmium	111-1	0.03	0.07	-0.05	0.02	415.56	ppb
Cadmium	106-1	0.29	0.95	-0.62	0.21	382.35	ppb
Cadmium	108-1	0.00	0.04	0.09	0.04	106.20	ppb
Calcium	43-1	-6.60	-9.36	-10.73	-8.89		ppb
Calcium	44-1	17.36	13.40	16.44	15.73	13.15	ppb
Chromium	52-2	0.09	0.07	0.04	0.07	31.75	ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.00	0.01	0.01	0.01	56.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				101		%
Iron	56-2	0.17	0.08	0.37	0.21	71.68	ppb
Iron	57-2	0.34	0.95	-1.28	0.00	383807.99	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	13.98	ppb
Lead	207-1	0.05	0.07	0.05	0.05	18.64	ppb
Lead	208-1	0.05	0.06	0.05	0.05	6.21	ppb
Lithium	6-1				91		%
Magnesium	24-2	-0.93	0.78	-0.14	-0.10		ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:13:23	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.07	0.03	0.04	50.57	ppb
Molybdenum	94-1	0.01	0.02	0.03	0.02	42.91	ppb
Molybdenum	95-1	0.03	0.02	0.03	0.03	15.28	ppb
Molybdenum	96-1	0.03	0.03	0.04	0.03	15.91	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	38.97	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	23.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.05	0.08	0.05	62.96	ppb
Phosphorus	31-2	-35.90	-35.90	-4.68	-25.49		ppb
Potassium	39-2	24.50	26.15	20.03	23.56	13.43	ppb
Rhodium	103-1				97		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				104		%
Selenium	77-2	-1.71	-1.71	-1.71	-1.71		ppb
Selenium	78-2	0.16	-0.11	0.18	0.07	219.31	ppb
Selenium	82-1	-0.37	-0.20	-0.80	-0.46		ppb
Silicon	28-1	-7.52	-7.50	-8.60	-7.88		ppb
Silver	109-1	0.01	0.02	0.02	0.02	35.08	ppb
Silver	107-1	0.01	0.02	0.01	0.01	43.97	ppb
Sodium	23-2	29.62	31.20	34.35	31.72	7.59	ppb
Strontium	86-1	-0.01	-0.04	0.05	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3437.48	-3792.96	-3591.71	-3607.38		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.01	0.01	61.99	ppb
Thallium	205-1	0.01	0.02	0.00	0.01	62.37	ppb
Tin	118-1	-0.05	-0.04	-0.03	-0.04		ppb
Titanium	47-1	0.04	0.01	-0.04	0.00	5255.42	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	37.27	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	-0.03	-0.10	-0.04	-0.05		ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:13:23	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.00	0.00	147.95	ppb
Zirconium	91-1	-0.01	0.01	0.00	0.00	6444.62	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:16:52	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88722.58	88345.94	88003.47	88357.33	0.41	ppb
Antimony	121-1	1.17	1.11	1.17	1.15	3.10	ppb
Arsenic	75-1	1.38	1.56	1.64	1.53	8.50	ppb
Barium	135-1	1.44	1.38	1.52	1.45	4.58	ppb
Barium	137-1	1.33	1.49	1.53	1.45	7.14	ppb
Beryllium	9-1	0.31	0.26	0.27	0.28	10.17	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	4.23	4.51	3.91	4.22	7.07	ppb
Boron	11-1	4.67	4.30	4.16	4.37	6.06	ppb
Cadmium	111-1	0.42	0.38	0.49	0.43	13.70	ppb
Cadmium	106-1	-1.20	0.13	1.11	0.01	8091.27	ppb
Cadmium	108-1	9.67	10.72	9.97	10.12	5.34	ppb
Calcium	43-1	95979.59	94650.34	96521.34	95717.09	1.01	ppb
Calcium	44-1	95588.40	93050.56	94511.41	94383.46	1.35	ppb
Chromium	52-2	21.29	20.54	20.68	20.84	1.92	ppb
Cobalt	59-2	1.15	1.10	1.14	1.13	2.45	ppb
Copper	63-2	7.91	7.90	7.62	7.81	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	100532.33	99173.68	98583.24	99429.75	1.01	ppb
Iron	57-2	103644.86	101324.61	100900.63	101956.70	1.45	ppb
Krypton	83-1						cps
Lead	206-1	4.83	4.93	5.07	4.94	2.46	ppb
Lead	207-1	4.42	4.15	4.13	4.23	3.79	ppb
Lead	208-1	4.62	4.58	4.58	4.59	0.54	ppb
Lithium	6-1				92		%
Magnesium	24-2	99963.58	99192.66	99690.57	99615.60	0.39	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:16:52	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.75	7.27	7.40	7.47	3.31	ppb
Molybdenum	94-1	1326.62	1299.63	1324.37	1316.87	1.14	ppb
Molybdenum	95-1	1809.96	1825.67	1833.28	1822.97	0.65	ppb
Molybdenum	96-1	1762.77	1755.31	1753.07	1757.05	0.29	ppb
Molybdenum	97-1	1833.75	1838.49	1823.06	1831.76	0.43	ppb
Molybdenum	98-1	1818.65	1855.43	1818.66	1830.91	1.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.20	5.21	5.27	2.03	ppb
Phosphorus	31-2	99800.05	98602.68	97505.23	98635.99	1.16	ppb
Potassium	39-2	97500.40	96881.24	94741.66	96374.43	1.50	ppb
Rhodium	103-1				94		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	6.60	-1.71	-0.05	1.61	272.58	ppb
Selenium	78-2	0.16	-0.38	-0.38	-0.20		ppb
Selenium	82-1	-0.35	-0.25	-0.59	-0.40		ppb
Silicon	28-1	35.74	33.88	36.19	35.27	3.48	ppb
Silver	109-1	0.30	0.27	0.32	0.30	7.98	ppb
Silver	107-1	0.25	0.28	0.30	0.28	8.75	ppb
Sodium	23-2	99976.64	99185.21	98757.06	99306.30	0.62	ppb
Strontium	86-1	29.01	28.46	28.98	28.82	1.08	ppb
Strontium	88-1	29.23	29.41	29.21	29.28	0.37	ppb
Sulfur	34-1	118276.46	116284.95	117056.11	117205.84	0.86	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.06	0.05	0.06	7.94	ppb
Thallium	205-1	0.05	0.05	0.03	0.04	25.98	ppb
Tin	118-1	0.20	0.22	0.25	0.22	11.21	ppb
Titanium	47-1	1937.18	1920.85	1941.90	1933.31	0.57	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	8.04	ppb
Vanadium	51-2	0.14	0.16	0.12	0.14	14.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	10.89	10.96	11.50	11.12	3.01	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:16:52	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.02	0.03	26.16	ppb
Zirconium	91-1	0.05	-0.01	0.00	0.01	222.07	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85538.04	86631.25	87380.62	86516.64	1.07	ppb
Antimony	121-1	21.20	20.63	20.54	20.79	1.71	ppb
Arsenic	75-1	20.64	19.71	19.65	20.00	2.79	ppb
Barium	135-1	21.68	21.04	21.01	21.24	1.78	ppb
Barium	137-1	21.13	20.92	20.86	20.97	0.68	ppb
Beryllium	9-1	19.93	18.95	18.87	19.25	3.06	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	57.69	57.29	57.40	57.46	0.35	ppb
Boron	11-1	56.97	53.81	56.58	55.79	3.09	ppb
Cadmium	111-1	19.25	19.16	18.56	18.99	1.98	ppb
Cadmium	106-1	24.08	26.92	22.98	24.66	8.23	ppb
Cadmium	108-1	34.13	31.51	32.83	32.82	3.99	ppb
Calcium	43-1	95832.71	93751.44	96655.07	95413.07	1.57	ppb
Calcium	44-1	95091.58	92935.74	95150.37	94392.56	1.34	ppb
Chromium	52-2	39.82	39.60	40.45	39.96	1.09	ppb
Cobalt	59-2	20.35	20.51	20.70	20.52	0.87	ppb
Copper	63-2	27.13	27.44	27.85	27.47	1.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	96360.31	98473.06	99113.14	97982.17	1.47	ppb
Iron	57-2	100092.52	100171.39	101960.40	100741.44	1.05	ppb
Krypton	83-1						cps
Lead	206-1	25.75	24.77	24.17	24.90	3.22	ppb
Lead	207-1	22.86	22.51	22.06	22.48	1.78	ppb
Lead	208-1	24.24	23.46	23.38	23.69	2.01	ppb
Lithium	6-1				95		%
Magnesium	24-2	97158.08	98711.43	98927.57	98265.69	0.98	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.49	26.76	27.51	26.92	1.98	ppb
Molybdenum	94-1	1455.44	1410.10	1448.00	1437.85	1.69	ppb
Molybdenum	95-1	1896.47	1842.67	1897.25	1878.80	1.67	ppb
Molybdenum	96-1	1845.85	1800.28	1840.38	1828.83	1.36	ppb
Molybdenum	97-1	1892.89	1848.45	1893.67	1878.34	1.38	ppb
Molybdenum	98-1	1870.88	1821.23	1905.34	1865.82	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.79	24.44	25.70	24.98	2.60	ppb
Phosphorus	31-2	94420.07	97761.14	96799.05	96326.75	1.79	ppb
Potassium	39-2	93667.25	95472.95	95788.22	94976.14	1.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				107		%
Selenium	77-2	20.76	14.74	16.38	17.29	17.98	ppb
Selenium	78-2	20.06	17.93	20.84	19.61	7.67	ppb
Selenium	82-1	20.37	19.59	17.23	19.06	8.58	ppb
Silicon	28-1	95.41	87.98	92.85	92.08	4.10	ppb
Silver	109-1	19.32	18.98	18.75	19.02	1.49	ppb
Silver	107-1	19.09	18.73	18.27	18.70	2.19	ppb
Sodium	23-2	97452.48	99165.17	99530.21	98715.95	1.12	ppb
Strontium	86-1	77.44	75.29	77.57	76.77	1.67	ppb
Strontium	88-1	80.70	77.64	80.12	79.49	2.04	ppb
Sulfur	34-1	118918.77	115170.81	118238.52	117442.70	1.70	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	19.61	19.61	19.44	19.55	0.50	ppb
Thallium	205-1	19.56	19.47	19.32	19.45	0.61	ppb
Tin	118-1	55.97	54.57	54.62	55.05	1.44	ppb
Titanium	47-1	2033.78	1966.10	1997.80	1999.23	1.69	ppb
Uranium	238-1	55.58	55.80	54.95	55.44	0.79	ppb
Vanadium	51-2	18.63	19.17	19.31	19.04	1.90	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	30.60	29.94	30.72	30.42	1.38	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	59.64	57.50	59.61	58.91	2.08	ppb
Zirconium	91-1	58.63	56.42	58.75	57.93	2.27	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53530.52	53268.01	52154.29	52984.27	1.38	ppb
Antimony	121-1	528.43	526.67	549.78	534.96	2.40	ppb
Arsenic	75-1	488.02	492.48	499.81	493.44	1.21	ppb
Barium	135-1	2654.87	2661.61	2745.98	2687.48	1.89	ppb
Barium	137-1	2613.36	2651.03	2696.24	2653.55	1.56	ppb
Beryllium	9-1	503.67	510.93	513.25	509.29	0.98	ppb
Bismuth	209-1				89		%
Bismuth	209-2				90		%
Boron	10-1	502.02	516.36	516.70	511.69	1.64	ppb
Boron	11-1	497.21	509.84	519.29	508.78	2.18	ppb
Cadmium	111-1	488.08	495.83	503.42	495.77	1.55	ppb
Cadmium	106-1	496.51	511.34	517.23	508.36	2.10	ppb
Cadmium	108-1	492.77	507.70	515.28	505.25	2.27	ppb
Calcium	43-1	242172.46	246228.20	249917.85	246106.17	1.57	ppb
Calcium	44-1	243172.27	243004.43	249623.09	245266.60	1.54	ppb
Chromium	52-2	503.13	500.75	494.60	499.49	0.88	ppb
Cobalt	59-2	507.79	503.54	492.56	501.29	1.57	ppb
Copper	63-2	977.19	963.38	949.50	963.36	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				99		%
Iron	56-2	126769.97	125735.08	124147.77	125550.94	1.05	ppb
Iron	57-2	129265.69	127273.38	124881.80	127140.29	1.73	ppb
Krypton	83-1						cps
Lead	206-1	513.33	524.01	530.65	522.66	1.67	ppb
Lead	207-1	505.32	530.32	524.70	520.11	2.52	ppb
Lead	208-1	513.87	527.23	531.92	524.34	1.79	ppb
Lithium	6-1				91		%
Magnesium	24-2	251669.53	252300.31	246705.95	250225.27	1.22	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.86	1019.59	1000.44	1015.96	1.38	ppb
Molybdenum	94-1	2575.80	2584.14	2603.43	2587.79	0.55	ppb
Molybdenum	95-1	2556.16	2586.61	2613.84	2585.54	1.12	ppb
Molybdenum	96-1	2548.33	2577.15	2605.54	2577.01	1.11	ppb
Molybdenum	97-1	2567.05	2594.59	2631.16	2597.60	1.24	ppb
Molybdenum	98-1	2599.71	2600.41	2634.40	2611.51	0.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.90	493.49	480.87	490.42	1.72	ppb
Phosphorus	31-2	10336.40	10157.28	9987.52	10160.40	1.72	ppb
Potassium	39-2	126722.56	123550.92	122614.14	124295.87	1.73	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				111		%
Selenium	77-2	510.89	535.19	498.93	515.00	3.59	ppb
Selenium	78-2	515.47	522.56	483.82	507.28	4.07	ppb
Selenium	82-1	512.76	514.38	525.97	517.70	1.39	ppb
Silicon	28-1	538.68	540.24	561.10	546.67	2.29	ppb
Silver	109-1	514.99	522.40	528.87	522.09	1.33	ppb
Silver	107-1	511.88	514.96	531.02	519.29	1.98	ppb
Sodium	23-2	249010.62	249050.61	245415.93	247825.72	0.84	ppb
Strontium	86-1	519.39	520.68	533.53	524.53	1.49	ppb
Strontium	88-1	515.57	516.29	527.69	519.85	1.31	ppb
Sulfur	34-1	10138.73	10029.47	11173.80	10447.33	6.04	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	525.05	526.71	529.13	526.96	0.39	ppb
Thallium	205-1	516.84	519.49	529.79	522.04	1.31	ppb
Tin	118-1	529.58	532.04	544.61	535.41	1.51	ppb
Titanium	47-1	2556.35	2590.64	2650.36	2599.11	1.83	ppb
Uranium	238-1	524.63	522.67	522.01	523.10	0.26	ppb
Vanadium	51-2	509.08	506.02	493.44	502.85	1.65	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%
Zinc	66-2	936.34	931.59	910.53	926.15	1.48	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	521.73	517.25	532.07	523.68	1.45	ppb
Zirconium	91-1	519.09	521.29	519.40	519.93	0.23	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:32:57	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.75	16.89	16.23	17.29	7.56	ppb
Antimony	121-1	2.10	1.94	2.12	2.05	4.85	ppb
Arsenic	75-1	1.09	1.03	1.08	1.07	3.26	ppb
Barium	135-1	11.09	9.64	10.78	10.50	7.27	ppb
Barium	137-1	10.18	9.71	10.04	9.98	2.40	ppb
Beryllium	9-1	1.00	0.96	1.01	0.99	2.89	ppb
Bismuth	209-1				93		%
Bismuth	209-2				98		%
Boron	10-1	27.29	25.17	28.82	27.10	6.76	ppb
Boron	11-1	27.61	25.29	27.59	26.83	4.96	ppb
Cadmium	111-1	1.03	1.03	0.98	1.01	2.80	ppb
Cadmium	106-1	1.12	1.65	1.47	1.41	18.99	ppb
Cadmium	108-1	0.84	0.95	0.79	0.86	9.60	ppb
Calcium	43-1	461.05	425.81	449.81	445.56	4.04	ppb
Calcium	44-1	505.16	468.08	495.28	489.51	3.92	ppb
Chromium	52-2	1.90	2.04	1.99	1.97	3.54	ppb
Cobalt	59-2	0.92	0.93	0.98	0.94	3.52	ppb
Copper	63-2	2.05	1.98	2.02	2.02	1.89	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				96		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				103		%
Iron	56-2	53.54	53.87	54.12	53.84	0.54	ppb
Iron	57-2	58.24	52.03	55.96	55.41	5.68	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.04	1.08	1.07	2.28	ppb
Lead	207-1	1.05	1.00	1.03	1.03	2.63	ppb
Lead	208-1	1.07	1.03	1.07	1.06	2.37	ppb
Lithium	6-1				91		%
Magnesium	24-2	491.33	518.64	487.03	499.00	3.44	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:32:57	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	0.89	0.89	0.96	13.44	ppb
Molybdenum	94-1	5.05	4.79	5.04	4.96	3.00	ppb
Molybdenum	95-1	5.18	4.52	4.89	4.86	6.74	ppb
Molybdenum	96-1	5.02	4.70	4.86	4.86	3.24	ppb
Molybdenum	97-1	4.92	4.69	4.73	4.78	2.55	ppb
Molybdenum	98-1	5.01	4.66	4.93	4.86	3.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.09	1.15	1.07	7.74	ppb
Phosphorus	31-2	58.75	42.90	12.34	38.00	62.08	ppb
Potassium	39-2	489.09	508.23	523.13	506.82	3.37	ppb
Rhodium	103-1				96		%
Rhodium	103-2				103		%
Scandium	45-1				99		%
Scandium	45-2				106		%
Selenium	77-2	4.81	1.59	4.89	3.76	50.09	ppb
Selenium	78-2	6.19	4.67	4.68	5.18	16.91	ppb
Selenium	82-1	5.56	4.16	5.10	4.94	14.42	ppb
Silicon	28-1	7.83	0.35	6.19	4.79	81.99	ppb
Silver	109-1	1.19	1.06	1.10	1.12	6.04	ppb
Silver	107-1	1.12	1.01	1.14	1.09	6.79	ppb
Sodium	23-2	542.94	542.74	539.62	541.77	0.34	ppb
Strontium	86-1	0.84	0.67	0.91	0.80	15.09	ppb
Strontium	88-1	0.88	0.83	0.85	0.86	2.74	ppb
Sulfur	34-1	-1915.54	-3375.14	-2211.82	-2500.84		ppb
Terbium	159-1				96		%
Terbium	159-2				99		%
Thallium	203-1	1.07	0.99	0.98	1.01	5.19	ppb
Thallium	205-1	0.95	0.94	0.93	0.94	1.22	ppb
Tin	118-1	5.23	4.92	5.31	5.15	3.96	ppb
Titanium	47-1	5.20	4.94	5.20	5.11	2.89	ppb
Uranium	238-1	0.94	0.87	0.90	0.90	3.81	ppb
Vanadium	51-2	4.96	4.97	4.74	4.89	2.73	ppb
Yttrium	89-1				98		%
Yttrium	89-2				104		%
Zinc	66-2	1.71	1.88	2.02	1.87	8.34	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:32:57	DataFile Name :	019LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.09	0.98	0.99	1.02	6.35	ppb
Zirconium	91-1	0.97	0.99	1.16	1.04	9.80	ppb

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P8
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:36:25 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.34	0.28	0.07	0.00	8361.92	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	19.29	ppb
Arsenic	75-1	0.04	-0.02	0.01	0.01	373.87	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	0.00	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.93	ppb
Bismuth	209-1				94		%
Bismuth	209-2				98		%
Boron	10-1	3.03	2.82	2.73	2.86	5.37	ppb
Boron	11-1	2.93	2.93	2.86	2.90	1.42	ppb
Cadmium	111-1	0.12	0.11	0.02	0.08	68.42	ppb
Cadmium	106-1	1.47	1.34	0.19	1.00	70.33	ppb
Cadmium	108-1	-0.12	-0.03	0.00	-0.05		ppb
Calcium	43-1	-11.00	-10.59	-13.43	-11.68		ppb
Calcium	44-1	16.51	13.45	13.95	14.63	11.23	ppb
Chromium	52-2	0.11	0.06	0.11	0.09	30.65	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.04	0.02	0.02	0.03	50.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	0.58	1.91	0.35	0.95	88.74	ppb
Iron	57-2	0.72	0.84	0.58	0.71	18.19	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.08	0.08	6.16	ppb
Lead	207-1	0.09	0.11	0.09	0.10	12.52	ppb
Lead	208-1	0.09	0.10	0.09	0.09	3.64	ppb
Lithium	6-1				91		%
Magnesium	24-2	-0.74	-0.75	0.53	-0.32		ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:36:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	0.04	0.01	370.08	ppb
Molybdenum	94-1	0.04	0.02	0.06	0.04	45.21	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	10.06	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.02	22.13	ppb
Molybdenum	97-1	0.05	0.04	0.03	0.04	26.30	ppb
Molybdenum	98-1	0.02	0.02	0.03	0.02	24.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.02	0.02	72.24	ppb
Phosphorus	31-2	-30.00	-11.70	-11.12	-17.61		ppb
Potassium	39-2	21.43	20.47	25.77	22.56	12.52	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	1.55	-0.07	-1.71	-0.08		ppb
Selenium	78-2	-0.12	0.15	0.16	0.06	251.19	ppb
Selenium	82-1	0.08	-0.96	-0.76	-0.55		ppb
Silicon	28-1	-11.43	2.30	-11.43	-6.85		ppb
Silver	109-1	0.02	0.02	0.03	0.02	9.29	ppb
Silver	107-1	0.01	0.01	0.02	0.02	10.74	ppb
Sodium	23-2	47.26	50.54	49.80	49.20	3.51	ppb
Strontium	86-1	-0.02	-0.01	-0.07	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-3427.98	-3453.29	-3146.29	-3342.52		ppb
Terbium	159-1				98		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.04	0.05	0.04	19.98	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	13.80	ppb
Tin	118-1	-0.06	-0.02	-0.03	-0.04		ppb
Titanium	47-1	-0.06	0.00	0.06	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	251.94	ppb
Vanadium	51-2	0.01	0.00	0.01	0.00	185.74	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	-0.09	-0.03	-0.02	-0.05		ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:36:25	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.00	0.00	64.94	ppb
Zirconium	91-1	-0.01	-0.01	0.01	0.00		ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.08	17.78	19.05	18.30	3.63	ppb
Antimony	121-1	1.97	1.90	1.95	1.94	1.97	ppb
Arsenic	75-1	0.98	0.90	1.01	0.97	5.73	ppb
Barium	135-1	9.76	9.46	9.53	9.58	1.66	ppb
Barium	137-1	9.49	9.87	9.71	9.69	1.97	ppb
Beryllium	9-1	0.86	0.92	0.99	0.92	6.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	25.90	24.27	24.84	25.00	3.31	ppb
Boron	11-1	25.31	25.03	25.40	25.24	0.76	ppb
Cadmium	111-1	1.02	0.93	0.88	0.94	7.38	ppb
Cadmium	106-1	1.87	1.20	1.87	1.65	23.43	ppb
Cadmium	108-1	1.07	0.92	1.08	1.02	8.72	ppb
Calcium	43-1	442.32	436.19	447.39	441.97	1.27	ppb
Calcium	44-1	467.70	462.02	478.27	469.33	1.76	ppb
Chromium	52-2	2.04	1.98	1.86	1.96	4.85	ppb
Cobalt	59-2	0.99	0.91	0.97	0.96	4.35	ppb
Copper	63-2	2.00	1.86	1.88	1.91	4.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	54.87	52.92	52.36	53.38	2.46	ppb
Iron	57-2	55.52	55.77	53.97	55.09	1.77	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.97	1.03	0.99	3.20	ppb
Lead	207-1	0.98	0.95	0.88	0.94	5.54	ppb
Lead	208-1	1.00	0.96	0.98	0.98	1.74	ppb
Lithium	6-1				92		%
Magnesium	24-2	513.86	500.86	479.99	498.24	3.43	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	1.05	1.02	0.99	7.60	ppb
Molybdenum	94-1	4.88	4.81	4.57	4.76	3.48	ppb
Molybdenum	95-1	4.69	4.60	4.64	4.64	0.94	ppb
Molybdenum	96-1	4.68	4.64	4.62	4.65	0.69	ppb
Molybdenum	97-1	4.68	4.63	4.64	4.65	0.54	ppb
Molybdenum	98-1	4.76	4.64	4.62	4.67	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.13	1.10	1.12	1.50	ppb
Phosphorus	31-2	24.89	18.03	28.43	23.78	22.24	ppb
Potassium	39-2	504.83	492.99	460.51	486.11	4.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	13.03	1.55	4.76	6.44	91.94	ppb
Selenium	78-2	6.49	7.23	5.09	6.27	17.33	ppb
Selenium	82-1	5.40	3.63	4.69	4.57	19.57	ppb
Silicon	28-1	0.93	0.28	1.46	0.89	66.74	ppb
Silver	109-1	1.05	1.04	1.01	1.04	1.95	ppb
Silver	107-1	1.04	1.05	1.01	1.03	1.98	ppb
Sodium	23-2	522.46	526.54	504.94	517.98	2.22	ppb
Strontium	86-1	0.82	0.84	0.68	0.78	11.31	ppb
Strontium	88-1	0.80	0.83	0.80	0.81	2.11	ppb
Sulfur	34-1	-3162.22	-3149.26	-3127.65	-3146.38		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	1.05	0.98	0.94	0.99	5.82	ppb
Thallium	205-1	0.92	0.95	0.91	0.93	2.29	ppb
Tin	118-1	4.81	4.84	5.00	4.88	2.05	ppb
Titanium	47-1	4.45	4.47	5.22	4.71	9.31	ppb
Uranium	238-1	0.89	0.90	0.84	0.87	3.66	ppb
Vanadium	51-2	5.17	4.84	4.64	4.88	5.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				105		%
Zinc	66-2	1.93	1.94	2.01	1.96	2.14	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	0.99	0.92	0.97	4.45	ppb
Zirconium	91-1	0.92	0.93	0.95	0.93	1.58	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	816.01	826.10	808.63	816.91	1.07	ppb
Antimony	121-1	34.61	34.45	34.22	34.43	0.56	ppb
Arsenic	75-1	30.09	30.08	29.86	30.01	0.44	ppb
Barium	135-1	684.34	669.95	670.65	674.98	1.20	ppb
Barium	137-1	699.44	680.10	700.95	693.50	1.68	ppb
Beryllium	9-1	7.73	8.01	7.94	7.89	1.85	ppb
Bismuth	209-1				95		%
Bismuth	209-2				99		%
Boron	10-1	1648.40	1668.13	1730.94	1682.49	2.56	ppb
Boron	11-1	1671.22	1692.25	1748.80	1704.09	2.35	ppb
Cadmium	111-1	44.61	43.23	44.28	44.04	1.64	ppb
Cadmium	106-1	38.85	37.36	37.76	37.99	2.03	ppb
Cadmium	108-1	41.05	40.64	41.30	41.00	0.80	ppb
Calcium	43-1	-12.00	-5.21	-15.42	-10.88		ppb
Calcium	44-1	21.35	14.54	18.80	18.23	18.87	ppb
Chromium	52-2	148.29	147.79	146.22	147.44	0.73	ppb
Cobalt	59-2	0.02	0.01	0.01	0.01	44.52	ppb
Copper	63-2	1480.95	1444.88	1473.21	1466.35	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				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	1414.61	1382.55	1379.82	1392.32	1.39	ppb
Iron	57-2	1376.01	1379.55	1316.21	1357.26	2.62	ppb
Krypton	83-1						cps
Lead	206-1	30.41	30.85	30.89	30.71	0.88	ppb
Lead	207-1	28.53	28.22	28.69	28.48	0.83	ppb
Lead	208-1	29.85	29.57	29.82	29.75	0.52	ppb
Lithium	6-1				91		%
Magnesium	24-2	0.03	0.46	-0.05	0.15	186.44	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	453.07	448.21	443.81	448.37	1.03	ppb
Molybdenum	94-1	62.41	61.87	63.60	62.63	1.42	ppb
Molybdenum	95-1	85.64	84.91	86.82	85.79	1.13	ppb
Molybdenum	96-1	84.20	83.08	84.10	83.79	0.74	ppb
Molybdenum	97-1	85.80	84.87	84.29	84.99	0.90	ppb
Molybdenum	98-1	86.42	85.56	87.03	86.34	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	438.87	436.30	432.50	435.89	0.74	ppb
Phosphorus	31-2	-11.82	-29.92	-18.14	-19.96		ppb
Potassium	39-2	16.32	17.24	10.28	14.61	25.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				104		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	77-2	57.51	77.71	81.24	72.15	17.74	ppb
Selenium	78-2	84.52	78.04	77.00	79.85	5.11	ppb
Selenium	82-1	78.98	80.45	76.34	78.59	2.65	ppb
Silicon	28-1	99.62	93.61	97.09	96.77	3.12	ppb
Silver	109-1	239.05	230.60	238.53	236.06	2.01	ppb
Silver	107-1	235.48	231.56	234.00	233.68	0.85	ppb
Sodium	23-2	68.25	72.71	70.37	70.44	3.17	ppb
Strontium	86-1	0.01	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	15.47	ppb
Sulfur	34-1	-2967.68	-4256.26	-4194.40	-3806.11		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	9.48	9.14	9.34	9.32	1.84	ppb
Thallium	205-1	9.33	9.34	9.50	9.39	1.01	ppb
Tin	118-1	-0.02	-0.04	-0.02	-0.03		ppb
Titanium	47-1	0.03	0.12	-0.01	0.05	130.07	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.15	ppb
Vanadium	51-2	653.31	650.92	643.86	649.36	0.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				105		%
Zinc	66-2	669.77	664.92	669.84	668.18	0.42	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	6.77	ppb
Zirconium	91-1	0.09	0.10	0.07	0.09	17.46	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	828.76	813.49	820.84	821.03	0.93	ppb
Antimony	121-1	34.05	33.23	34.35	33.88	1.72	ppb
Arsenic	75-1	29.57	28.91	30.06	29.51	1.96	ppb
Barium	135-1	663.43	654.47	667.29	661.73	0.99	ppb
Barium	137-1	687.26	661.47	684.36	677.70	2.08	ppb
Beryllium	9-1	7.96	7.67	7.73	7.78	1.97	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	1651.34	1667.99	1700.34	1673.23	1.49	ppb
Boron	11-1	1676.46	1710.73	1715.99	1701.06	1.26	ppb
Cadmium	111-1	44.46	42.27	43.60	43.44	2.54	ppb
Cadmium	106-1	37.51	36.81	38.18	37.50	1.82	ppb
Cadmium	108-1	38.21	39.51	40.52	39.41	2.94	ppb
Calcium	43-1	-9.62	-8.96	-13.41	-10.66		ppb
Calcium	44-1	12.29	11.12	13.38	12.26	9.22	ppb
Chromium	52-2	149.45	149.55	148.43	149.14	0.41	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	212.20	ppb
Copper	63-2	1491.60	1484.12	1467.59	1481.11	0.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	1421.84	1417.85	1384.43	1408.04	1.46	ppb
Iron	57-2	1384.22	1399.55	1370.32	1384.70	1.06	ppb
Krypton	83-1						cps
Lead	206-1	29.68	29.20	30.36	29.75	1.96	ppb
Lead	207-1	28.23	27.50	28.58	28.10	1.97	ppb
Lead	208-1	29.16	28.62	29.42	29.07	1.40	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.87	0.16	-0.62	0.14	548.39	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	455.30	452.63	446.26	451.40	1.03	ppb
Molybdenum	94-1	60.75	59.39	61.85	60.66	2.03	ppb
Molybdenum	95-1	84.16	82.61	84.48	83.75	1.20	ppb
Molybdenum	96-1	81.71	79.97	81.87	81.18	1.30	ppb
Molybdenum	97-1	83.35	81.90	82.72	82.66	0.88	ppb
Molybdenum	98-1	84.72	83.29	84.77	84.26	1.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	442.04	440.53	438.78	440.45	0.37	ppb
Phosphorus	31-2	-29.73	-5.04	-17.70	-17.49		ppb
Potassium	39-2	15.36	12.11	4.59	10.69	51.66	ppb
Rhodium	103-1				99		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	83.56	68.50	108.66	86.91	23.34	ppb
Selenium	78-2	78.90	81.31	74.01	78.07	4.77	ppb
Selenium	82-1	77.85	76.48	80.54	78.29	2.64	ppb
Silicon	28-1	95.03	92.08	92.98	93.37	1.62	ppb
Silver	109-1	237.09	227.19	233.08	232.46	2.14	ppb
Silver	107-1	239.36	225.66	232.76	232.59	2.95	ppb
Sodium	23-2	57.29	61.05	59.68	59.34	3.21	ppb
Strontium	86-1	-0.01	-0.06	-0.07	-0.05		ppb
Strontium	88-1	0.01	0.00	0.00	0.01	53.44	ppb
Sulfur	34-1	-3184.97	-4179.51	-3726.18	-3696.89		ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	9.18	9.07	9.21	9.15	0.82	ppb
Thallium	205-1	9.32	9.03	9.31	9.22	1.78	ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.04	0.01	-0.04	0.00	1407.19	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	676.32	ppb
Vanadium	51-2	662.69	661.98	653.00	659.22	0.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	682.13	679.89	664.99	675.67	1.38	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.06	0.07	0.07	7.87	ppb
Zirconium	91-1	0.08	0.08	0.11	0.09	20.54	ppb

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P8
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 15:19:05 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.81	1.68	0.76	1.08	47.88	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	24.76	ppb
Arsenic	75-1	-0.01	-0.03	-0.01	-0.02		ppb
Barium	135-1	0.08	0.07	0.09	0.08	10.72	ppb
Barium	137-1	0.05	0.05	0.04	0.05	3.31	ppb
Beryllium	9-1	0.02	0.03	0.01	0.02	34.88	ppb
Bismuth	209-1				99		%
Bismuth	209-2				96		%
Boron	10-1	7.17	5.99	6.99	6.72	9.45	ppb
Boron	11-1	7.80	7.37	6.80	7.32	6.83	ppb
Cadmium	111-1	0.01	0.01	0.02	0.01	39.25	ppb
Cadmium	106-1	0.07	0.00	0.18	0.08	108.67	ppb
Cadmium	108-1	-0.06	-0.09	-0.09	-0.08		ppb
Calcium	43-1	-7.84	-10.69	-12.89	-10.47		ppb
Calcium	44-1	8.39	7.00	5.37	6.92	21.86	ppb
Chromium	52-2	0.11	0.08	0.00	0.07	84.33	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	0.05	0.09	0.09	0.07	29.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	1.02	1.12	1.15	1.10	6.17	ppb
Iron	57-2	-1.86	0.61	0.35	-0.30		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.04	0.02	0.03	61.82	ppb
Lead	207-1	0.01	0.01	0.01	0.01	1.18	ppb
Lead	208-1	0.02	0.03	0.02	0.02	10.24	ppb
Lithium	6-1				93		%
Magnesium	24-2	0.56	-0.98	-0.10	-0.17		ppb

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P8
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 15:19:05 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.05	0.05	0.03	88.29	ppb
Molybdenum	94-1	0.02	0.03	0.01	0.02	48.66	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	147.74	ppb
Molybdenum	96-1	0.01	0.02	0.02	0.02	56.15	ppb
Molybdenum	97-1	0.00	-0.01	0.04	0.01	204.51	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.02	48.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.11	0.10	0.09	34.18	ppb
Phosphorus	31-2	-17.21	1.49	-29.77	-15.16		ppb
Potassium	39-2	9.84	18.13	14.06	14.01	29.59	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	-1.71	0.01	-1.71	-1.14		ppb
Selenium	78-2	-0.10	-0.09	0.96	0.26	236.54	ppb
Selenium	82-1	-0.21	0.05	-0.48	-0.21		ppb
Silicon	28-1	-11.17	-12.27	-13.14	-12.19		ppb
Silver	109-1	0.01	0.01	0.01	0.01	6.89	ppb
Silver	107-1	0.00	0.00	0.00	0.00	76.74	ppb
Sodium	23-2	23.36	24.44	19.35	22.38	11.98	ppb
Strontium	86-1	-0.08	-0.01	-0.09	-0.06		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	129.24	ppb
Sulfur	34-1	-3269.69	-3703.84	-3836.42	-3603.32		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.02	0.01	43.84	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.00	0.02	0.04	0.02	115.94	ppb
Titanium	47-1	-0.01	0.04	0.04	0.03	106.30	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	195.87	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	168.02	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	0.35	0.27	0.18	0.26	32.08	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:19:05	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.01	0.00		ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	80.65	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9629.93	9641.60	9570.97	9614.16	0.39	ppb
Antimony	121-1	531.23	518.78	491.00	513.67	4.01	ppb
Arsenic	75-1	502.26	482.40	463.71	482.79	3.99	ppb
Barium	135-1	2643.84	2539.69	2409.00	2530.84	4.65	ppb
Barium	137-1	2625.99	2514.38	2413.87	2518.08	4.21	ppb
Beryllium	9-1	512.76	496.95	481.00	496.90	3.20	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	510.67	498.86	492.86	500.79	1.81	ppb
Boron	11-1	499.11	494.67	483.46	492.41	1.64	ppb
Cadmium	111-1	493.21	479.45	459.85	477.50	3.51	ppb
Cadmium	106-1	500.60	490.97	467.87	486.48	3.46	ppb
Cadmium	108-1	490.20	487.16	474.06	483.81	1.77	ppb
Calcium	43-1	51697.19	49071.20	46953.73	49240.70	4.83	ppb
Calcium	44-1	50251.66	47817.38	46513.55	48194.19	3.94	ppb
Chromium	52-2	487.67	485.70	486.71	486.69	0.20	ppb
Cobalt	59-2	502.86	499.69	500.05	500.87	0.35	ppb
Copper	63-2	981.71	996.37	980.60	986.23	0.89	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				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	25157.16	25014.91	24953.41	25041.83	0.42	ppb
Iron	57-2	25262.21	25100.91	25196.06	25186.39	0.32	ppb
Krypton	83-1						cps
Lead	206-1	515.98	497.99	488.05	500.67	2.83	ppb
Lead	207-1	516.61	492.28	486.64	498.51	3.19	ppb
Lead	208-1	514.98	499.46	488.63	501.02	2.64	ppb
Lithium	6-1				93		%
Magnesium	24-2	51020.75	50523.91	50280.03	50608.23	0.75	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.81	991.96	981.72	986.50	0.52	ppb
Molybdenum	94-1	2532.59	2514.09	2394.58	2480.42	3.02	ppb
Molybdenum	95-1	2555.30	2510.59	2408.28	2491.39	3.02	ppb
Molybdenum	96-1	2548.81	2514.59	2396.58	2486.66	3.21	ppb
Molybdenum	97-1	2547.97	2483.40	2429.29	2486.88	2.39	ppb
Molybdenum	98-1	2554.17	2508.94	2407.68	2490.26	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.23	492.94	492.50	492.55	0.07	ppb
Phosphorus	31-2	10204.41	10254.92	9611.41	10023.58	3.57	ppb
Potassium	39-2	24591.61	24140.59	24244.67	24325.62	0.97	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	468.55	469.99	440.87	459.80	3.57	ppb
Selenium	78-2	486.78	482.94	469.30	479.67	1.92	ppb
Selenium	82-1	519.76	504.34	486.10	503.40	3.35	ppb
Silicon	28-1	556.54	526.27	503.72	528.84	5.01	ppb
Silver	109-1	517.37	507.81	481.97	502.38	3.65	ppb
Silver	107-1	522.17	502.81	487.91	504.30	3.41	ppb
Sodium	23-2	49955.64	50179.75	49779.31	49971.57	0.40	ppb
Strontium	86-1	520.12	497.75	493.39	503.76	2.85	ppb
Strontium	88-1	513.24	498.72	482.66	498.21	3.07	ppb
Sulfur	34-1	10477.82	8928.87	7672.32	9026.34	15.57	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	522.96	510.81	494.85	509.54	2.77	ppb
Thallium	205-1	515.28	498.71	483.11	499.03	3.22	ppb
Tin	118-1	521.44	506.37	488.36	505.39	3.28	ppb
Titanium	47-1	2617.34	2481.98	2387.15	2495.49	4.64	ppb
Uranium	238-1	499.53	489.69	474.98	488.07	2.53	ppb
Vanadium	51-2	487.17	485.23	483.49	485.30	0.38	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	935.95	942.13	936.92	938.33	0.35	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.44	502.43	484.62	499.83	2.82	ppb
Zirconium	91-1	510.65	503.79	476.58	497.00	3.63	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54389.17	54080.20	54170.06	54213.14	0.29	ppb
Antimony	121-1	516.49	519.41	535.72	523.87	1.98	ppb
Arsenic	75-1	485.73	492.42	485.86	488.00	0.78	ppb
Barium	135-1	2576.74	2603.14	2620.59	2600.16	0.85	ppb
Barium	137-1	2555.23	2566.23	2632.76	2584.74	1.62	ppb
Beryllium	9-1	516.83	529.46	521.31	522.54	1.23	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	523.69	538.22	543.24	535.05	1.90	ppb
Boron	11-1	522.14	532.51	533.65	529.43	1.20	ppb
Cadmium	111-1	477.54	472.92	488.72	479.73	1.69	ppb
Cadmium	106-1	495.09	477.82	504.88	492.60	2.78	ppb
Cadmium	108-1	487.76	491.20	501.17	493.38	1.41	ppb
Calcium	43-1	238752.17	240408.43	240197.58	239786.06	0.38	ppb
Calcium	44-1	239894.97	240701.98	241610.13	240735.70	0.36	ppb
Chromium	52-2	508.74	504.11	508.60	507.15	0.52	ppb
Cobalt	59-2	516.59	516.17	512.22	514.99	0.47	ppb
Copper	63-2	984.65	980.98	973.60	979.75	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	127884.69	127816.05	128240.66	127980.46	0.18	ppb
Iron	57-2	130443.15	129760.66	129131.34	129778.38	0.51	ppb
Krypton	83-1						cps
Lead	206-1	519.19	517.26	523.99	520.15	0.67	ppb
Lead	207-1	514.73	515.48	523.74	517.98	0.97	ppb
Lead	208-1	512.61	515.70	524.97	517.76	1.24	ppb
Lithium	6-1				90		%
Magnesium	24-2	258662.48	258392.07	257417.46	258157.33	0.25	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1031.11	1029.23	1039.29	1033.21	0.52	ppb
Molybdenum	94-1	2521.88	2512.91	2539.19	2524.66	0.53	ppb
Molybdenum	95-1	2512.98	2507.97	2531.11	2517.35	0.48	ppb
Molybdenum	96-1	2517.67	2494.02	2513.67	2508.45	0.50	ppb
Molybdenum	97-1	2523.29	2536.01	2541.59	2533.63	0.37	ppb
Molybdenum	98-1	2544.83	2513.12	2535.44	2531.13	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.33	501.44	496.37	500.38	0.72	ppb
Phosphorus	31-2	10632.73	10405.75	10239.40	10425.96	1.89	ppb
Potassium	39-2	125961.87	125252.91	126463.63	125892.80	0.48	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	510.74	505.01	556.62	524.13	5.40	ppb
Selenium	78-2	527.04	497.06	509.99	511.36	2.94	ppb
Selenium	82-1	497.48	507.93	503.57	502.99	1.04	ppb
Silicon	28-1	533.66	536.00	550.98	540.21	1.74	ppb
Silver	109-1	499.47	497.80	512.93	503.40	1.65	ppb
Silver	107-1	503.91	500.78	506.96	503.88	0.61	ppb
Sodium	23-2	255756.31	253139.56	254566.81	254487.56	0.51	ppb
Strontium	86-1	510.90	509.85	513.18	511.31	0.33	ppb
Strontium	88-1	508.77	507.61	507.85	508.07	0.12	ppb
Sulfur	34-1	9453.62	9043.55	8401.17	8966.11	5.92	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	519.24	525.92	526.76	523.97	0.79	ppb
Thallium	205-1	516.74	514.46	524.86	518.69	1.05	ppb
Tin	118-1	514.94	515.22	531.78	520.65	1.85	ppb
Titanium	47-1	2545.52	2582.66	2570.31	2566.16	0.74	ppb
Uranium	238-1	504.46	511.96	524.50	513.64	1.97	ppb
Vanadium	51-2	513.61	508.68	511.85	511.38	0.49	ppb
Yttrium	89-1				102		%
Yttrium	89-2				104		%
Zinc	66-2	944.89	945.77	946.65	945.77	0.09	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.34	508.08	511.06	508.49	0.47	ppb
Zirconium	91-1	506.93	505.66	507.30	506.63	0.17	ppb

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 15:33:26 DataFile Name : 027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	0.49	-1.03	-0.57		ppb
Antimony	121-1	0.12	0.12	0.16	0.13	16.65	ppb
Arsenic	75-1	0.00	-0.01	0.05	0.01	243.54	ppb
Barium	135-1	0.02	0.01	0.02	0.02	36.64	ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	19.03	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	5.83	6.01	4.84	5.56	11.37	ppb
Boron	11-1	6.04	5.70	5.90	5.88	2.89	ppb
Cadmium	111-1	0.01	-0.06	-0.03	-0.03		ppb
Cadmium	106-1	-0.12	-0.88	-0.49	-0.50		ppb
Cadmium	108-1	0.02	-0.12	-0.03	-0.04		ppb
Calcium	43-1	-15.80	-17.41	-12.10	-15.10		ppb
Calcium	44-1	6.94	5.64	7.46	6.68	14.09	ppb
Chromium	52-2	0.04	0.04	-0.01	0.02	128.92	ppb
Cobalt	59-2	0.00	0.00	-0.01	-0.01		ppb
Copper	63-2	0.05	0.04	0.04	0.04	11.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.29	0.28	0.32	0.29	6.12	ppb
Iron	57-2	1.71	0.37	0.72	0.93	74.49	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.11	0.10	5.03	ppb
Lead	207-1	0.14	0.09	0.10	0.11	20.97	ppb
Lead	208-1	0.12	0.11	0.12	0.12	3.52	ppb
Lithium	6-1				96		%
Magnesium	24-2	0.31	-0.39	1.28	0.40	209.74	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:33:26	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.04	0.05	0.05	24.88	ppb
Molybdenum	94-1	0.10	0.06	0.05	0.07	38.30	ppb
Molybdenum	95-1	0.10	0.10	0.08	0.09	12.29	ppb
Molybdenum	96-1	0.09	0.09	0.10	0.09	6.27	ppb
Molybdenum	97-1	0.14	0.08	0.09	0.10	31.82	ppb
Molybdenum	98-1	0.12	0.07	0.09	0.09	28.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.05	0.02	0.02	0.03	54.24	ppb
Phosphorus	31-2	-12.63	-18.14	-0.50	-10.42		ppb
Potassium	39-2	8.30	4.51	23.90	12.23	83.98	ppb
Rhodium	103-1				103		%
Rhodium	103-2				106		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	-0.12	-0.10	-0.10	-0.11		ppb
Selenium	78-2	-0.13	0.66	0.13	0.22	182.27	ppb
Selenium	82-1	-0.98	-0.79	-0.15	-0.64		ppb
Silicon	28-1	-16.78	-17.36	-16.48	-16.87		ppb
Silver	109-1	0.03	0.03	0.04	0.04	9.06	ppb
Silver	107-1	0.03	0.03	0.02	0.03	13.31	ppb
Sodium	23-2	40.80	37.49	45.36	41.22	9.58	ppb
Strontium	86-1	-0.04	-0.10	-0.01	-0.05		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-5129.20	-5555.62	-5036.95	-5240.59		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.02	0.01	0.02	47.34	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	34.71	ppb
Tin	118-1	-0.04	-0.03	-0.03	-0.03		ppb
Titanium	47-1	0.01	-0.03	0.00	0.00		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	99.63	ppb
Vanadium	51-2	0.01	0.02	0.01	0.01	19.36	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	-0.03	0.00	0.06	0.01	655.85	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:33:26	DataFile Name :	027CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	50.84	ppb
Zirconium	91-1	0.01	0.02	0.01	0.01	62.51	ppb

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:16:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	55	40	48	15.79	cps
Antimony	121-1	167	100	50	106	55.46	cps
Arsenic	75-1	774	850	765	797	5.87	cps
Barium	135-1	42	17	17	25	57.73	cps
Barium	137-1	42	42	58	47	20.38	cps
Beryllium	9-1	30	40	33	34	14.78	cps
Bismuth	209-1	3588742	3692591	3604967	3628767	1.54	cps
Bismuth	209-2	1872456	1891677	1851860	1871998	1.06	cps
Boron	10-1	92	133	200	142	38.57	cps
Boron	11-1	667	717	675	686	3.90	cps
Cadmium	111-1	1436	1250	1311	1332	7.14	cps
Cadmium	106-1	2075	1792	1875	1914	7.61	cps
Cadmium	108-1	29	13	8	17	66.16	cps
Calcium	43-1	1450	1517	1243	1403	10.16	cps
Calcium	44-1	38459	38192	38122	38258	0.47	cps
Chromium	52-2	1553	1597	1477	1542	3.94	cps
Cobalt	59-2	120	120	113	118	3.26	cps
Copper	63-2	680	727	650	686	5.64	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	67	67	92	75	19.24	cps
Gadolinium	160-2	3	17	20	13	66.16	cps
Holmium	165-1	5838053	5948190	5937550	5907931	1.03	cps
Holmium	165-2	2498608	2511777	2473235	2494540	0.79	cps
Indium	115-1	5448627	5532039	5688324	5556330	2.19	cps
Indium	115-2	555366	552774	546482	551541	0.83	cps
Iron	56-2	3467	3206	3112	3262	5.65	cps
Iron	57-2	144	67	144	119	37.89	cps
Krypton	83-1	707	773	750	743	4.55	cps
Lead	206-1	183	194	261	213	19.75	cps
Lead	207-1	189	189	167	181	7.07	cps
Lead	208-1	817	844	867	843	2.97	cps
Lithium	6-1	1487352	1517261	1529157	1511257	1.43	cps
Magnesium	24-2	292	417	325	344	18.79	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:16:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	77	73	57	69	15.55	cps
Molybdenum	94-1	208	158	150	172	18.32	cps
Molybdenum	95-1	25	50	75	50	50.00	cps
Molybdenum	96-1	67	100	58	75	29.40	cps
Molybdenum	97-1	58	67	50	58	14.29	cps
Molybdenum	98-1	42	50	42	44	10.82	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	47	60	54	12.74	cps
Phosphorus	31-2	8	8	25	14	69.31	cps
Potassium	39-2	8203	8578	8119	8300	2.94	cps
Rhodium	103-1	5527435	5694631	5595585	5605884	1.50	cps
Rhodium	103-2	2431445	2425396	2407117	2421319	0.52	cps
Scandium	45-1	4276792	4339312	4381708	4332604	1.22	cps
Scandium	45-2	74969	74446	74074	74496	0.60	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	4	2	4	65.54	cps
Selenium	82-1	40	18	-35	8	504.05	cps
Silicon	28-1	544064	543711	544915	544230	0.11	cps
Silver	109-1	142	125	117	128	9.96	cps
Silver	107-1	150	242	175	189	25.09	cps
Sodium	23-2	14224	13799	13440	13821	2.84	cps
Strontium	86-1	1283	1183	1117	1195	7.02	cps
Strontium	88-1	92	158	175	142	31.13	cps
Sulfur	34-1	721833	717459	714862	718052	0.49	cps
Terbium	159-1	6184413	6222485	6181408	6196102	0.37	cps
Terbium	159-2	2505404	2522241	2490998	2506214	0.62	cps
Thallium	203-1	75	50	50	58	24.74	cps
Thallium	205-1	200	250	275	242	15.80	cps
Tin	118-1	558	525	1169	751	48.27	cps
Titanium	47-1	192	242	283	239	19.21	cps
Uranium	238-1	33	17	25	25	33.32	cps
Vanadium	51-2	13	20	10	14	35.26	cps
Yttrium	89-1	6205892	6388905	6364851	6319883	1.57	cps
Yttrium	89-2	434092	437312	432464	434623	0.57	cps
Zinc	66-2	80	100	103	94	13.36	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:16:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	425	392	450	422	6.93	cps
Zirconium	91-1	83	100	100	94	10.19	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	415	400	408	408	1.84	cps
Antimony	121-1	14942	14751	14225	14639	2.54	cps
Arsenic	75-1	3260	3230	3584	3358	5.86	cps
Barium	135-1	15618	15602	15977	15732	1.35	cps
Barium	137-1	27438	27179	27839	27485	1.21	cps
Beryllium	9-1	1930	1980	1984	1965	1.52	cps
Bismuth	209-1	3587618	3643071	3705101	3645263	1.61	cps
Bismuth	209-2	1874818	1910373	1890189	1891793	0.94	cps
Boron	10-1	6393	6477	6835	6568	3.57	cps
Boron	11-1	30675	31168	31385	31076	1.17	cps
Cadmium	111-1	3080	3269	3331	3227	4.04	cps
Cadmium	106-1	2167	2300	2417	2295	5.45	cps
Cadmium	108-1	142	125	129	132	6.57	cps
Calcium	43-1	12386	12572	13083	12680	2.85	cps
Calcium	44-1	221093	222840	222096	222010	0.39	cps
Chromium	52-2	4841	5074	4734	4883	3.56	cps
Cobalt	59-2	3427	3190	3004	3207	6.62	cps
Copper	63-2	6058	5785	5781	5875	2.70	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	50	17	42	36	48.03	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	108	42	117	89	46.24	cps
Gadolinium	160-2	27	3	17	16	75.27	cps
Holmium	165-1	5940633	6015156	6157530	6037773	1.83	cps
Holmium	165-2	2486921	2547509	2527747	2520726	1.23	cps
Indium	115-1	5525388	5658334	5759980	5647901	2.08	cps
Indium	115-2	551661	571047	552209	558306	1.98	cps
Iron	56-2	66057	66285	66341	66227	0.23	cps
Iron	57-2	1611	1822	1695	1709	6.22	cps
Krypton	83-1	710	657	833	733	12.36	cps
Lead	206-1	4023	4368	4073	4155	4.48	cps
Lead	207-1	3389	3884	3417	3564	7.80	cps
Lead	208-1	15904	16432	15832	16056	2.04	cps
Lithium	6-1	1506119	1532897	1541901	1526972	1.22	cps
Magnesium	24-2	35537	34651	35111	35100	1.26	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	687	677	727	697	3.80	cps
Molybdenum	94-1	14984	15368	14809	15053	1.90	cps
Molybdenum	95-1	18305	18422	18013	18246	1.15	cps
Molybdenum	96-1	20024	20308	19590	19974	1.81	cps
Molybdenum	97-1	11464	11289	11372	11375	0.77	cps
Molybdenum	98-1	29282	29491	29550	29441	0.48	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1137	1120	987	1081	7.60	cps
Phosphorus	31-2	92	75	75	81	11.94	cps
Potassium	39-2	31177	31060	30693	30977	0.82	cps
Rhodium	103-1	5529981	5743556	5731678	5668405	2.12	cps
Rhodium	103-2	2432578	2500796	2452359	2461911	1.43	cps
Scandium	45-1	4282402	4371774	4482483	4378886	2.29	cps
Scandium	45-2	73856	75910	75351	75039	1.42	cps
Selenium	77-2	17	3	20	13	66.16	cps
Selenium	78-2	41	30	33	35	16.37	cps
Selenium	82-1	659	767	625	684	10.84	cps
Silicon	28-1	645684	605623	600551	617286	4.01	cps
Silver	109-1	8553	8812	8553	8639	1.73	cps
Silver	107-1	8536	9546	9529	9204	6.28	cps
Sodium	23-2	93196	94538	93473	93736	0.76	cps
Strontium	86-1	3251	3117	3559	3309	6.85	cps
Strontium	88-1	19289	19899	19965	19718	1.89	cps
Sulfur	34-1	729226	729827	728212	729088	0.11	cps
Terbium	159-1	6328779	6453460	6608612	6463617	2.17	cps
Terbium	159-2	2487354	2575142	2473217	2511904	2.20	cps
Thallium	203-1	4909	4809	4718	4812	1.99	cps
Thallium	205-1	11414	11431	11431	11425	0.08	cps
Tin	118-1	29149	28615	26611	28125	4.76	cps
Titanium	47-1	6093	6127	6068	6096	0.48	cps
Uranium	238-1	13433	13666	14626	13908	4.55	cps
Vanadium	51-2	6415	6535	6552	6501	1.15	cps
Yttrium	89-1	6300938	6533245	6609153	6481112	2.48	cps
Yttrium	89-2	434521	448273	438100	440298	1.62	cps
Zinc	66-2	633	577	617	609	4.78	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:24:35	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12189	11897	12306	12131	1.74	cps
Zirconium	91-1	2867	2692	2925	2828	4.30	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17420	17363	16985	17256	1.37	cps
Antimony	121-1	412167	413140	410667	411991	0.30	cps
Arsenic	75-1	131387	131967	130139	131164	0.71	cps
Barium	135-1	415242	416814	416336	416130	0.19	cps
Barium	137-1	725869	725141	724079	725029	0.12	cps
Beryllium	9-1	103858	103270	102176	103101	0.83	cps
Bismuth	209-1	3591328	3710837	3737024	3679729	2.11	cps
Bismuth	209-2	1927509	1956493	1990082	1958028	1.60	cps
Boron	10-1	13424	13740	13916	13693	1.82	cps
Boron	11-1	63717	64445	67635	65266	3.19	cps
Cadmium	111-1	99925	100649	97903	99492	1.43	cps
Cadmium	106-1	12023	12948	12131	12367	4.09	cps
Cadmium	108-1	7073	7185	7419	7226	2.44	cps
Calcium	43-1	123080	124566	123863	123836	0.60	cps
Calcium	44-1	2044860	2068422	2039388	2050890	0.75	cps
Chromium	52-2	89577	90662	88074	89438	1.45	cps
Cobalt	59-2	169351	168026	168083	168487	0.44	cps
Copper	63-2	271730	272137	269909	271259	0.44	cps
Dysprosium	156-1	0	25	17	14	91.65	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	8	0	50	19	137.78	cps
Erbium	164-2	7	27	0	11	124.89	cps
Gadolinium	160-1	83	108	42	78	43.30	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	6044626	6114153	6207369	6122049	1.33	cps
Holmium	165-2	2588557	2666342	2641082	2631994	1.51	cps
Indium	115-1	5634058	5656885	5745621	5678855	1.04	cps
Indium	115-2	562589	570364	581008	571320	1.62	cps
Iron	56-2	3183882	3174156	3139302	3165780	0.74	cps
Iron	57-2	78359	77465	76722	77515	1.06	cps
Krypton	83-1	720	663	653	679	5.30	cps
Lead	206-1	207594	207673	210710	208659	0.85	cps
Lead	207-1	186137	187214	188927	187426	0.75	cps
Lead	208-1	834505	844219	850961	843228	0.98	cps
Lithium	6-1	1521703	1503942	1543773	1523139	1.31	cps
Magnesium	24-2	367204	367484	365300	366663	0.32	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59104	60116	58810	59343	1.15	cps
Molybdenum	94-1	799221	796568	796006	797265	0.22	cps
Molybdenum	95-1	1017410	1004503	999709	1007207	0.91	cps
Molybdenum	96-1	1117316	1108669	1114185	1113390	0.39	cps
Molybdenum	97-1	623425	628203	621175	624268	0.57	cps
Molybdenum	98-1	1628580	1608565	1617473	1618206	0.62	cps
Neodymium	150-1	27	40	20	29	35.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	48588	48130	48190	48303	0.52	cps
Phosphorus	31-2	1467	1458	1392	1439	2.86	cps
Potassium	39-2	131426	130492	129819	130579	0.62	cps
Rhodium	103-1	5634308	5739873	5750593	5708258	1.13	cps
Rhodium	103-2	2470140	2485818	2561124	2505694	1.94	cps
Scandium	45-1	4358775	4407540	4422133	4396150	0.75	cps
Scandium	45-2	75696	77874	78243	77271	1.78	cps
Selenium	77-2	120	117	100	112	9.55	cps
Selenium	78-2	300	380	294	325	14.68	cps
Selenium	82-1	6757	6824	6906	6829	1.09	cps
Silicon	28-1	863294	863780	861537	862870	0.14	cps
Silver	109-1	445697	453855	451266	450273	0.93	cps
Silver	107-1	474207	477147	477453	476269	0.38	cps
Sodium	23-2	861775	857920	858257	859317	0.25	cps
Strontium	86-1	141730	141519	140272	141174	0.56	cps
Strontium	88-1	1203867	1201414	1202129	1202470	0.10	cps
Sulfur	34-1	777325	770681	781811	776605	0.72	cps
Terbium	159-1	6454777	6545883	6544753	6515138	0.80	cps
Terbium	159-2	2547316	2599762	2649952	2599010	1.97	cps
Thallium	203-1	261712	258214	263049	260992	0.96	cps
Thallium	205-1	617575	614777	626774	619709	1.01	cps
Tin	118-1	286947	288660	290625	288744	0.64	cps
Titanium	47-1	309589	307502	312425	309839	0.80	cps
Uranium	238-1	753116	758520	750420	754018	0.55	cps
Vanadium	51-2	65656	65757	65204	65539	0.45	cps
Yttrium	89-1	6366429	6474299	6556517	6465748	1.47	cps
Yttrium	89-2	445490	454860	454998	451783	1.21	cps
Zinc	66-2	30758	30621	29709	30362	1.88	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:28:26	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	626631	627931	622824	625795	0.42	cps
Zirconium	91-1	138162	141302	136699	138721	1.70	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 13:32:15 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42910	43394	42298	42867	1.28	cps
Antimony	121-1	1052275	1051425	1051046	1051582	0.06	cps
Arsenic	75-1	330113	331642	330097	330618	0.27	cps
Barium	135-1	1056119	1062803	1064757	1061226	0.43	cps
Barium	137-1	1855836	1890257	1914212	1886768	1.56	cps
Beryllium	9-1	253433	255307	254656	254465	0.37	cps
Bismuth	209-1	3831464	3709918	3586588	3709323	3.30	cps
Bismuth	209-2	1893307	1874969	1963482	1910586	2.45	cps
Boron	10-1	34150	32730	34167	33682	2.45	cps
Boron	11-1	158712	162241	162704	161219	1.35	cps
Cadmium	111-1	252673	252147	252403	252407	0.10	cps
Cadmium	106-1	29074	27980	29324	28793	2.48	cps
Cadmium	108-1	18225	17896	18062	18061	0.91	cps
Calcium	43-1	308536	310665	311382	310194	0.48	cps
Calcium	44-1	5026820	4993205	5051738	5023921	0.58	cps
Chromium	52-2	224318	221755	219622	221898	1.06	cps
Cobalt	59-2	422906	419486	411590	417994	1.39	cps
Copper	63-2	678464	678355	665390	674069	1.12	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	25	67	33	42	52.92	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	67	25	75	56	48.22	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	6402525	6149990	5944152	6165556	3.72	cps
Holmium	165-2	2562502	2506810	2666120	2578477	3.14	cps
Indium	115-1	5840058	5747100	5473221	5686793	3.35	cps
Indium	115-2	554601	539627	575374	556534	3.23	cps
Iron	56-2	7915310	7810930	7667283	7797841	1.60	cps
Iron	57-2	196921	192382	190895	193399	1.62	cps
Krypton	83-1	737	817	820	791	5.96	cps
Lead	206-1	526321	528170	537124	530538	1.09	cps
Lead	207-1	483190	479842	482870	481967	0.38	cps
Lead	208-1	2159579	2152359	2167999	2159979	0.36	cps
Lithium	6-1	1535137	1523455	1477164	1511918	2.03	cps
Magnesium	24-2	914907	912408	900953	909423	0.82	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:32:15	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150316	147967	146768	148350	1.22	cps
Molybdenum	94-1	2079575	2045734	2034841	2053383	1.14	cps
Molybdenum	95-1	2582259	2616636	2647246	2615380	1.24	cps
Molybdenum	96-1	2830178	2919310	2842970	2864153	1.68	cps
Molybdenum	97-1	1613119	1640732	1637073	1630308	0.92	cps
Molybdenum	98-1	4081649	4052799	4034655	4056368	0.58	cps
Neodymium	150-1	80	73	27	60	48.43	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	121820	120805	119033	120553	1.17	cps
Phosphorus	31-2	3384	3267	3401	3351	2.17	cps
Potassium	39-2	317115	316264	309102	314160	1.40	cps
Rhodium	103-1	5733924	5575467	5462117	5590503	2.44	cps
Rhodium	103-2	2395809	2344376	2512017	2417401	3.55	cps
Scandium	45-1	4450951	4364637	4223417	4346335	2.64	cps
Scandium	45-2	75019	73639	77576	75411	2.65	cps
Selenium	77-2	207	253	283	248	15.59	cps
Selenium	78-2	856	863	835	851	1.69	cps
Selenium	82-1	17166	16890	16984	17013	0.83	cps
Silicon	28-1	1158383	1171657	1147383	1159141	1.05	cps
Silver	109-1	1149318	1139919	1148159	1145799	0.45	cps
Silver	107-1	1196708	1211117	1209369	1205731	0.65	cps
Sodium	23-2	2150950	2169078	2124647	2148225	1.04	cps
Strontium	86-1	352638	354641	359386	355555	0.97	cps
Strontium	88-1	3089811	3083663	3119566	3097680	0.62	cps
Sulfur	34-1	829673	833836	826652	830054	0.43	cps
Terbium	159-1	6593221	6528624	6278922	6466922	2.57	cps
Terbium	159-2	2560023	2477717	2638467	2558735	3.14	cps
Thallium	203-1	661212	674482	672219	669304	1.06	cps
Thallium	205-1	1595481	1611732	1599661	1602291	0.53	cps
Tin	118-1	733993	732481	736045	734173	0.24	cps
Titanium	47-1	778691	775939	782328	778986	0.41	cps
Uranium	238-1	1975246	1976658	1964249	1972051	0.34	cps
Vanadium	51-2	164516	164104	163525	164048	0.30	cps
Yttrium	89-1	6646725	6569098	6333816	6516546	2.50	cps
Yttrium	89-2	435480	427697	455740	439639	3.29	cps
Zinc	66-2	76292	75987	74951	75743	0.93	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:32:15	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1590398	1633815	1620361	1614858	1.38	cps
Zirconium	91-1	349972	353632	351920	351841	0.52	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	86814	85719	86235	86256	0.63	cps
Antimony	121-1	2135297	2144658	2137925	2139293	0.23	cps
Arsenic	75-1	665247	665247	658399	662964	0.60	cps
Barium	135-1	2170888	2171182	2128634	2156901	1.13	cps
Barium	137-1	3757778	3746963	3723814	3742852	0.46	cps
Beryllium	9-1	503254	499731	502093	501693	0.36	cps
Bismuth	209-1	3812485	3727568	3763887	3767980	1.13	cps
Bismuth	209-2	1907698	1880049	1866725	1884824	1.11	cps
Boron	10-1	63926	65668	66354	65316	1.92	cps
Boron	11-1	316483	319640	321924	319349	0.86	cps
Cadmium	111-1	497640	505179	500340	501053	0.76	cps
Cadmium	106-1	55440	54930	55498	55289	0.57	cps
Cadmium	108-1	36257	36458	36742	36486	0.67	cps
Calcium	43-1	618958	617815	622588	619787	0.40	cps
Calcium	44-1	10066471	9955873	10021936	10014760	0.56	cps
Chromium	52-2	447897	450240	447770	448636	0.31	cps
Cobalt	59-2	845301	842448	838283	842011	0.42	cps
Copper	63-2	1361105	1358253	1355226	1358195	0.22	cps
Dysprosium	156-1	75	25	33	44	60.28	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	42	42	8	31	62.99	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	67	67	125	86	39.11	cps
Gadolinium	160-2	13	30	10	18	60.28	cps
Holmium	165-1	6272132	6336527	6247395	6285352	0.73	cps
Holmium	165-2	2593400	2534698	2512404	2546834	1.64	cps
Indium	115-1	5772586	5781218	5641275	5731693	1.37	cps
Indium	115-2	557195	543167	531479	543947	2.37	cps
Iron	56-2	15659275	15820468	15465782	15648508	1.13	cps
Iron	57-2	389331	389227	386468	388342	0.42	cps
Krypton	83-1	630	720	680	677	6.66	cps
Lead	206-1	1066114	1057036	1052469	1058540	0.66	cps
Lead	207-1	966355	951512	959103	958990	0.77	cps
Lead	208-1	4357832	4334713	4371941	4354829	0.43	cps
Lithium	6-1	1506626	1506203	1487152	1499994	0.74	cps
Magnesium	24-2	1840143	1862480	1839626	1847416	0.71	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300943	302513	297639	300365	0.83	cps
Molybdenum	94-1	4078948	4092993	4115846	4095929	0.45	cps
Molybdenum	95-1	5154551	5164357	5200750	5173219	0.47	cps
Molybdenum	96-1	5648034	5598674	5660667	5635791	0.58	cps
Molybdenum	97-1	3271464	3256076	3253392	3260311	0.30	cps
Molybdenum	98-1	8183379	8135398	8096574	8138450	0.53	cps
Neodymium	150-1	140	140	133	138	2.79	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	241133	238267	239478	239626	0.60	cps
Phosphorus	31-2	6443	7060	6660	6721	4.66	cps
Potassium	39-2	622802	624829	617157	621596	0.64	cps
Rhodium	103-1	5721776	5755094	5680223	5719031	0.66	cps
Rhodium	103-2	2421033	2350063	2358572	2376556	1.63	cps
Scandium	45-1	4427619	4375461	4466500	4423193	1.03	cps
Scandium	45-2	75706	73341	73049	74032	1.97	cps
Selenium	77-2	473	490	500	488	2.76	cps
Selenium	78-2	1711	1771	1706	1729	2.08	cps
Selenium	82-1	34663	34461	34247	34457	0.60	cps
Silicon	28-1	1744958	1741866	1758569	1748464	0.51	cps
Silver	109-1	2318767	2343320	2305745	2322611	0.82	cps
Silver	107-1	2493798	2461316	2475066	2476727	0.66	cps
Sodium	23-2	4220992	4226329	4195755	4214359	0.39	cps
Strontium	86-1	722594	711066	716672	716778	0.80	cps
Strontium	88-1	6159432	6098203	6138058	6131898	0.51	cps
Sulfur	34-1	868993	861409	854981	861794	0.81	cps
Terbium	159-1	6625975	6616775	6458158	6566969	1.44	cps
Terbium	159-2	2562988	2514991	2490653	2522878	1.46	cps
Thallium	203-1	1351656	1356683	1340636	1349658	0.61	cps
Thallium	205-1	3229393	3213596	3187134	3210041	0.67	cps
Tin	118-1	1486187	1480673	1443239	1470033	1.59	cps
Titanium	47-1	1621086	1604189	1590187	1605154	0.96	cps
Uranium	238-1	4048151	3992303	3926651	3989035	1.52	cps
Vanadium	51-2	332110	334703	334363	333725	0.42	cps
Yttrium	89-1	6601852	6535077	6525254	6554061	0.64	cps
Yttrium	89-2	443018	435923	431097	436679	1.37	cps
Zinc	66-2	151895	152946	152773	152538	0.37	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:35:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3267875	3242713	3224093	3244894	0.68	cps
Zirconium	91-1	711252	700003	707908	706388	0.82	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 13:39:33 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	170847	171614	170958	171140	0.24	cps
Antimony	121-1	4300319	4303361	4287805	4297162	0.19	cps
Arsenic	75-1	1353544	1336540	1331062	1340382	0.87	cps
Barium	135-1	4257855	4344196	4361961	4321337	1.29	cps
Barium	137-1	7506604	7454635	7504038	7488426	0.39	cps
Beryllium	9-1	981000	979222	982776	980999	0.18	cps
Bismuth	209-1	3858858	3807812	3901876	3856182	1.22	cps
Bismuth	209-2	2060124	1964463	1960352	1994980	2.83	cps
Boron	10-1	128992	130522	130757	130090	0.74	cps
Boron	11-1	623363	628824	637139	629775	1.10	cps
Cadmium	111-1	1000312	1003555	1005256	1003041	0.25	cps
Cadmium	106-1	107249	107787	108871	107969	0.77	cps
Cadmium	108-1	73391	73076	73771	73413	0.47	cps
Calcium	43-1	1250072	1245380	1257287	1250913	0.48	cps
Calcium	44-1	20096525	19852486	20263132	20070715	1.03	cps
Chromium	52-2	882711	887289	888046	886015	0.33	cps
Cobalt	59-2	1702404	1707814	1694273	1701497	0.40	cps
Copper	63-2	2707954	2703756	2724724	2712145	0.41	cps
Dysprosium	156-1	50	100	50	67	43.30	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	83	92	58	78	22.30	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	6427555	6522792	6544816	6498388	0.96	cps
Holmium	165-2	2824699	2753950	2695195	2757948	2.35	cps
Indium	115-1	5908041	5901671	6035948	5948554	1.27	cps
Indium	115-2	599112	569114	568612	578946	3.02	cps
Iron	56-2	31313645	31225111	31399997	31312918	0.28	cps
Iron	57-2	777532	771612	776006	775050	0.40	cps
Krypton	83-1	853	767	780	800	5.83	cps
Lead	206-1	2140271	2145356	2194731	2160120	1.39	cps
Lead	207-1	1984107	2006923	1995530	1995520	0.57	cps
Lead	208-1	8759997	8834303	8925143	8839814	0.94	cps
Lithium	6-1	1494665	1502781	1506715	1501387	0.41	cps
Magnesium	24-2	3648838	3615118	3612830	3625595	0.56	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:39:33	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	596272	596406	603936	598871	0.73	cps
Molybdenum	94-1	8192718	8144347	8272667	8203244	0.79	cps
Molybdenum	95-1	10278086	10323962	10371533	10324527	0.45	cps
Molybdenum	96-1	11364071	11376553	11430351	11390325	0.31	cps
Molybdenum	97-1	6491710	6446519	6581978	6506736	1.06	cps
Molybdenum	98-1	16401811	16341899	16721354	16488355	1.24	cps
Neodymium	150-1	207	213	207	209	1.84	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	479285	476713	477722	477907	0.27	cps
Phosphorus	31-2	14150	13474	13891	13838	2.46	cps
Potassium	39-2	1260527	1245402	1266820	1257583	0.88	cps
Rhodium	103-1	5831543	5716755	5913132	5820477	1.69	cps
Rhodium	103-2	2641964	2480091	2486884	2536313	3.61	cps
Scandium	45-1	4510148	4482042	4564415	4518868	0.93	cps
Scandium	45-2	82527	77894	78209	79544	3.25	cps
Selenium	77-2	993	1113	1030	1046	5.88	cps
Selenium	78-2	3515	3425	3545	3495	1.80	cps
Selenium	82-1	68056	68030	69082	68389	0.88	cps
Silicon	28-1	2900620	2907728	2880776	2896375	0.48	cps
Silver	109-1	4550978	4542648	4664881	4586169	1.49	cps
Silver	107-1	4853151	4931644	4996629	4927142	1.46	cps
Sodium	23-2	8276124	8392708	8365368	8344734	0.73	cps
Strontium	86-1	1446791	1437787	1455908	1446829	0.63	cps
Strontium	88-1	12268107	12416063	12361669	12348613	0.61	cps
Sulfur	34-1	979955	979780	980710	980148	0.05	cps
Terbium	159-1	6784384	6834003	6872721	6830369	0.65	cps
Terbium	159-2	2797128	2682214	2657897	2712413	2.74	cps
Thallium	203-1	2739297	2742904	2773683	2751961	0.69	cps
Thallium	205-1	6409945	6462298	6524722	6465655	0.89	cps
Tin	118-1	3032114	3028390	3025446	3028650	0.11	cps
Titanium	47-1	3171273	3171632	3128550	3157152	0.78	cps
Uranium	238-1	8000401	7913316	7959305	7957674	0.55	cps
Vanadium	51-2	664690	664357	666811	665286	0.20	cps
Yttrium	89-1	6722228	6805796	6841158	6789727	0.90	cps
Yttrium	89-2	481197	456661	456813	464890	3.04	cps
Zinc	66-2	301707	300952	301278	301312	0.13	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:39:33	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6474744	6484169	6452511	6470475	0.25	cps
Zirconium	91-1	1477712	1482954	1466388	1475685	0.57	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 13:43:01 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	343091	347024	346789	345635	0.64	cps
Antimony	121-1	8502799	8491386	8520529	8504905	0.17	cps
Arsenic	75-1	2672212	2689403	2716340	2692652	0.83	cps
Barium	135-1	8535642	8583821	8581836	8567100	0.32	cps
Barium	137-1	15123463	15004532	15073398	15067131	0.40	cps
Beryllium	9-1	1941429	1937173	1921524	1933375	0.54	cps
Bismuth	209-1	3651276	3698778	3625022	3658359	1.02	cps
Bismuth	209-2	1872023	1902299	1893080	1889134	0.82	cps
Boron	10-1	254721	262305	259139	258722	1.47	cps
Boron	11-1	1239074	1266676	1255580	1253777	1.11	cps
Cadmium	111-1	2152252	2145580	2130539	2142790	0.52	cps
Cadmium	106-1	225837	226652	223153	225214	0.81	cps
Cadmium	108-1	154268	152627	153428	153441	0.53	cps
Calcium	43-1	2490754	2550916	2516577	2519416	1.20	cps
Calcium	44-1	40211084	40377454	40347375	40311971	0.22	cps
Chromium	52-2	1832595	1805028	1854173	1830599	1.35	cps
Cobalt	59-2	3376877	3407674	3370884	3385145	0.58	cps
Copper	63-2	5449265	5533399	5441894	5474853	0.93	cps
Dysprosium	156-1	175	83	92	117	43.46	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	8	0	33	14	124.91	cps
Erbium	164-2	7	17	27	17	59.99	cps
Gadolinium	160-1	67	100	58	75	29.40	cps
Gadolinium	160-2	10	17	27	18	47.19	cps
Holmium	165-1	6332956	6346811	6222062	6300610	1.09	cps
Holmium	165-2	2617198	2695354	2655736	2656096	1.47	cps
Indium	115-1	5642982	5723524	5630025	5665510	0.89	cps
Indium	115-2	542328	554938	551992	549753	1.20	cps
Iron	56-2	63120354	63361996	63026300	63169550	0.27	cps
Iron	57-2	1571054	1587293	1576991	1578446	0.52	cps
Krypton	83-1	777	717	640	711	9.63	cps
Lead	206-1	4238055	4305273	4162999	4235442	1.68	cps
Lead	207-1	3912735	3961051	3849407	3907731	1.43	cps
Lead	208-1	17190302	17347994	17041581	17193292	0.89	cps
Lithium	6-1	1411992	1397566	1396925	1402161	0.61	cps
Magnesium	24-2	7210589	7315476	7276639	7267568	0.73	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:43:01	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1208315	1222103	1211994	1214137	0.59	cps
Molybdenum	94-1	16454483	16409141	16520059	16461228	0.34	cps
Molybdenum	95-1	20745925	20964908	20986090	20898974	0.64	cps
Molybdenum	96-1	22961043	23025890	23053848	23013594	0.21	cps
Molybdenum	97-1	12903478	13034744	13113225	13017149	0.81	cps
Molybdenum	98-1	32573823	33164726	33529076	33089208	1.46	cps
Neodymium	150-1	347	333	273	318	12.29	cps
Neodymium	150-2	3	17	13	11	62.48	cps
Nickel	60-2	943171	951332	943204	945902	0.50	cps
Phosphorus	31-2	28279	28221	26943	27814	2.71	cps
Potassium	39-2	2525752	2531072	2572619	2543148	1.01	cps
Rhodium	103-1	5602387	5583482	5551961	5579277	0.46	cps
Rhodium	103-2	2401059	2442966	2468444	2437490	1.40	cps
Scandium	45-1	4448376	4454892	4384797	4429355	0.87	cps
Scandium	45-2	77469	79128	80143	78913	1.71	cps
Selenium	77-2	2027	2037	2034	2032	0.25	cps
Selenium	78-2	7098	6956	7039	7031	1.02	cps
Selenium	82-1	136012	137522	136947	136827	0.56	cps
Silicon	28-1	5117896	5110405	5104064	5110788	0.14	cps
Silver	109-1	9144921	9216412	9237483	9199605	0.53	cps
Silver	107-1	9906481	9952281	9943027	9933930	0.24	cps
Sodium	23-2	16709080	16897127	16787358	16797855	0.56	cps
Strontium	86-1	2919682	2943661	2970788	2944710	0.87	cps
Strontium	88-1	24710833	24931558	25061644	24901345	0.71	cps
Sulfur	34-1	1273802	1280439	1266304	1273515	0.56	cps
Terbium	159-1	6692085	6626732	6623880	6647565	0.58	cps
Terbium	159-2	2578305	2634123	2651173	2621201	1.45	cps
Thallium	203-1	5314258	5396927	5301855	5337680	0.97	cps
Thallium	205-1	12565190	12807076	12525498	12632588	1.21	cps
Tin	118-1	5893687	5959328	5895359	5916125	0.63	cps
Titanium	47-1	6325257	6342254	6338230	6335247	0.14	cps
Uranium	238-1	15667212	15533296	15678787	15626432	0.52	cps
Vanadium	51-2	1381396	1381442	1392076	1384971	0.44	cps
Yttrium	89-1	6634022	6640690	6605470	6626727	0.28	cps
Yttrium	89-2	446019	459931	456346	454099	1.59	cps
Zinc	66-2	646116	654282	652385	650928	0.66	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:43:01	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12963293	13040155	13090045	13031164	0.49	cps
Zirconium	91-1	2926340	2952760	2975274	2951458	0.83	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1850135	1880326	1874270	1868243	0.85	cps
Antimony	121-1	9754	8878	9737	9457	5.30	cps
Arsenic	75-1	4465	4213	4555	4411	4.02	cps
Barium	135-1	958	708	942	870	16.08	cps
Barium	137-1	1475	1367	1509	1450	5.11	cps
Beryllium	9-1	257	197	247	233	13.78	cps
Bismuth	209-1	3016216	3020103	3031950	3022756	0.27	cps
Bismuth	209-2	1565086	1566295	1553051	1561477	0.47	cps
Boron	10-1	4334	4209	4184	4242	1.90	cps
Boron	11-1	22251	20332	19430	20671	6.97	cps
Cadmium	111-1	1610	1446	1507	1521	5.44	cps
Cadmium	106-1	2175	1984	2050	2070	4.70	cps
Cadmium	108-1	42	13	58	38	61.86	cps
Calcium	43-1	12435983	12434414	12372789	12414395	0.29	cps
Calcium	44-1	201199450	204444504	201873064	202505673	0.85	cps
Chromium	52-2	14598	14448	14861	14636	1.43	cps
Cobalt	59-2	39580	39138	40001	39573	1.09	cps
Copper	63-2	7469	7285	7646	7467	2.41	cps
Dysprosium	156-1	42	50	67	53	24.12	cps
Dysprosium	156-2	30	17	43	30	44.43	cps
Erbium	164-1	50	67	50	56	17.32	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	100	117	83	100	16.66	cps
Gadolinium	160-2	23	17	37	26	39.85	cps
Holmium	165-1	5550499	5439207	5449502	5479736	1.12	cps
Holmium	165-2	2406371	2438964	2408744	2418026	0.75	cps
Indium	115-1	5159750	5162477	5182835	5168354	0.24	cps
Indium	115-2	546715	551714	554737	551056	0.74	cps
Iron	56-2	321379641	322404007	324137007	322640218	0.43	cps
Iron	57-2	7864586	7800071	7953124	7872594	0.98	cps
Krypton	83-1	760	643	763	722	9.46	cps
Lead	206-1	6268	6241	5618	6042	6.09	cps
Lead	207-1	5807	5496	5096	5466	6.52	cps
Lead	208-1	25038	24332	22764	24045	4.84	cps
Lithium	6-1	1312549	1315663	1336116	1321443	0.97	cps
Magnesium	24-2	37935463	37876887	37848321	37886890	0.12	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4984	5171	5094	5083	1.85	cps
Molybdenum	94-1	6027	5601	5376	5668	5.83	cps
Molybdenum	95-1	7736	8261	7686	7894	4.04	cps
Molybdenum	96-1	10304	9829	10021	10051	2.38	cps
Molybdenum	97-1	5368	4768	4934	5023	6.17	cps
Molybdenum	98-1	13132	12314	12273	12573	3.85	cps
Neodymium	150-1	120	113	100	111	9.16	cps
Neodymium	150-2	40	37	37	38	5.09	cps
Nickel	60-2	12339	11732	11862	11978	2.67	cps
Phosphorus	31-2	33	33	33	33	0.00	cps
Potassium	39-2	13621419	13592238	13731561	13648406	0.54	cps
Rhodium	103-1	4985709	5006041	4946521	4979424	0.61	cps
Rhodium	103-2	2288471	2273285	2278514	2280090	0.34	cps
Scandium	45-1	4351851	4278797	4318749	4316465	0.85	cps
Scandium	45-2	80566	82440	83319	82108	1.71	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	4	6	7	6	33.38	cps
Selenium	82-1	-2	179	77	85	106.96	cps
Silicon	28-1	731991	737649	740730	736790	0.60	cps
Silver	109-1	1275	1233	1200	1236	3.04	cps
Silver	107-1	1267	1217	1383	1289	6.64	cps
Sodium	23-2	88414581	88803014	89041042	88752879	0.36	cps
Strontium	86-1	11247	11038	10396	10894	4.07	cps
Strontium	88-1	85753	84713	85728	85398	0.69	cps
Sulfur	34-1	601371	596220	590827	596139	0.88	cps
Terbium	159-1	5773948	5770836	5800427	5781737	0.28	cps
Terbium	159-2	2417639	2452000	2436120	2435253	0.71	cps
Thallium	203-1	508	508	483	500	2.89	cps
Thallium	205-1	1417	1217	1100	1245	12.87	cps
Tin	118-1	5443	5485	5693	5540	2.42	cps
Titanium	47-1	1083	1050	1117	1083	3.08	cps
Uranium	238-1	392	383	458	411	10.00	cps
Vanadium	51-2	193	143	150	162	16.74	cps
Yttrium	89-1	6183840	6120087	6228533	6177487	0.88	cps
Yttrium	89-2	457767	463222	467761	462917	1.08	cps
Zinc	66-2	3541	3551	3561	3551	0.28	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 13:46:22	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3267	2959	2650	2959	10.42	cps
Zirconium	91-1	750	592	783	708	14.46	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:02:48	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8878	8975	8775	8876	1.13	cps
Antimony	121-1	1536121	1517721	1509988	1521277	0.88	cps
Arsenic	75-1	492498	497514	494074	494695	0.52	cps
Barium	135-1	150987	153701	154081	152923	1.10	cps
Barium	137-1	267177	268112	269191	268160	0.38	cps
Beryllium	9-1	174827	176189	176705	175907	0.55	cps
Bismuth	209-1	3371543	3372628	3348334	3364169	0.41	cps
Bismuth	209-2	1794335	1804005	1813454	1803931	0.53	cps
Boron	10-1	113606	119368	120403	117792	3.11	cps
Boron	11-1	559785	571511	588907	573401	2.56	cps
Cadmium	111-1	187934	190461	190435	189610	0.77	cps
Cadmium	106-1	33092	32582	32724	32799	0.80	cps
Cadmium	108-1	18993	18897	19214	19035	0.85	cps
Calcium	43-1	55409	54964	54853	55075	0.53	cps
Calcium	44-1	871300	872387	878327	874005	0.43	cps
Chromium	52-2	179444	177547	178559	178517	0.53	cps
Cobalt	59-2	341143	340602	338195	339980	0.46	cps
Copper	63-2	271933	274643	272286	272954	0.54	cps
Dysprosium	156-1	0	0	33	11	173.21	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	50	17	92	53	71.20	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	58	58	100	72	33.31	cps
Gadolinium	160-2	7	13	17	12	41.65	cps
Holmium	165-1	5659623	5708509	5648145	5672092	0.57	cps
Holmium	165-2	2482492	2505771	2504267	2497510	0.52	cps
Indium	115-1	5423043	5406221	5425308	5418191	0.19	cps
Indium	115-2	561673	565520	562964	563386	0.35	cps
Iron	56-2	1271927	1271550	1265679	1269719	0.28	cps
Iron	57-2	31586	31625	31274	31495	0.61	cps
Krypton	83-1	680	740	730	717	4.49	cps
Lead	206-1	739210	758273	753761	750415	1.33	cps
Lead	207-1	642038	656996	659353	652796	1.44	cps
Lead	208-1	2983866	3002459	3026476	3004267	0.71	cps
Lithium	6-1	1355482	1385878	1384449	1375269	1.25	cps
Magnesium	24-2	90906	89557	90663	90376	0.80	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:02:48 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60982	59195	60145	60108	1.49	cps
Molybdenum	94-1	7312983	7327476	7369518	7336659	0.40	cps
Molybdenum	95-1	9072936	9242236	9050409	9121861	1.15	cps
Molybdenum	96-1	10035797	10184237	10117045	10112360	0.74	cps
Molybdenum	97-1	5742018	5800515	5798930	5780488	0.58	cps
Molybdenum	98-1	14354266	14546696	14618436	14506466	0.94	cps
Neodymium	150-1	13	40	7	20	88.19	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	97321	96793	97428	97181	0.35	cps
Phosphorus	31-2	42	42	50	44	10.82	cps
Potassium	39-2	113244	113841	111749	112945	0.95	cps
Rhodium	103-1	5439010	5521188	5455759	5471985	0.79	cps
Rhodium	103-2	2486549	2516261	2475349	2492720	0.85	cps
Scandium	45-1	4353845	4437070	4397722	4396212	0.95	cps
Scandium	45-2	81494	81551	80479	81175	0.74	cps
Selenium	77-2	387	453	373	404	10.60	cps
Selenium	78-2	1385	1432	1348	1388	3.01	cps
Selenium	82-1	25253	25444	25688	25462	0.86	cps
Silicon	28-1	550203	561520	560133	557285	1.11	cps
Silver	109-1	836453	833808	842059	837440	0.50	cps
Silver	107-1	885432	891372	896083	890962	0.60	cps
Sodium	23-2	364607	362565	358345	361839	0.88	cps
Strontium	86-1	1431213	1426787	1435126	1431042	0.29	cps
Strontium	88-1	11987555	11919501	12032899	11979985	0.48	cps
Sulfur	34-1	580064	577623	576536	578075	0.31	cps
Terbium	159-1	5934255	6015062	5997762	5982360	0.71	cps
Terbium	159-2	2513999	2493389	2510136	2505841	0.44	cps
Thallium	203-1	936625	943546	943795	941322	0.43	cps
Thallium	205-1	2301618	2301116	2270376	2291037	0.78	cps
Tin	118-1	2672743	2632234	2660629	2655202	0.78	cps
Titanium	47-1	2917513	2960726	2925910	2934716	0.78	cps
Uranium	238-1	6509791	6499410	6618480	6542560	1.01	cps
Vanadium	51-2	132446	132099	133640	132728	0.61	cps
Yttrium	89-1	6270478	6337225	6320791	6309498	0.55	cps
Yttrium	89-2	460242	462607	459300	460716	0.37	cps
Zinc	66-2	62276	63143	62152	62524	0.86	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:02:48	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6070278	6055918	6083686	6069961	0.23	cps
Zirconium	91-1	1341224	1377885	1386182	1368431	1.75	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:09:54	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470	390	388	416	11.28	cps
Antimony	121-1	14667	14992	15034	14898	1.35	cps
Arsenic	75-1	3302	3606	3289	3399	5.29	cps
Barium	135-1	15151	15510	15485	15382	1.30	cps
Barium	137-1	26511	26544	26269	26441	0.57	cps
Beryllium	9-1	1940	1850	1917	1902	2.46	cps
Bismuth	209-1	3325458	3335457	3328237	3329717	0.16	cps
Bismuth	209-2	1810392	1787957	1712228	1770192	2.91	cps
Boron	10-1	7402	7202	7953	7519	5.17	cps
Boron	11-1	35670	36230	35044	35648	1.66	cps
Cadmium	111-1	2901	3059	2999	2986	2.68	cps
Cadmium	106-1	2025	2025	1950	2000	2.17	cps
Cadmium	108-1	138	179	100	139	28.51	cps
Calcium	43-1	12172	12613	12476	12420	1.81	cps
Calcium	44-1	228743	227868	230526	229045	0.59	cps
Chromium	52-2	5164	5248	5324	5246	1.53	cps
Cobalt	59-2	3314	3274	3270	3286	0.73	cps
Copper	63-2	5855	5985	5568	5802	3.68	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	17	25	36	74.18	cps
Erbium	164-2	3	0	13	6	124.93	cps
Gadolinium	160-1	42	67	42	50	28.87	cps
Gadolinium	160-2	7	20	23	17	52.90	cps
Holmium	165-1	5538759	5573109	5662629	5591499	1.14	cps
Holmium	165-2	2506987	2435329	2332898	2425072	3.61	cps
Indium	115-1	5396196	5406206	5426855	5409752	0.29	cps
Indium	115-2	564069	561407	526052	550509	3.86	cps
Iron	56-2	69808	69740	69556	69702	0.19	cps
Iron	57-2	1739	1706	1722	1722	0.97	cps
Krypton	83-1	667	720	713	700	4.15	cps
Lead	206-1	4140	4056	3817	4004	4.18	cps
Lead	207-1	3701	3339	3590	3543	5.22	cps
Lead	208-1	16494	16132	16199	16275	1.18	cps
Lithium	6-1	1369570	1403023	1367323	1379972	1.45	cps
Magnesium	24-2	37150	36590	37634	37125	1.41	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670	697	680	682	1.97	cps
Molybdenum	94-1	14634	14909	14759	14767	0.93	cps
Molybdenum	95-1	18555	18346	18180	18360	1.02	cps
Molybdenum	96-1	20541	19907	20950	20466	2.57	cps
Molybdenum	97-1	11664	11289	11122	11358	2.44	cps
Molybdenum	98-1	29842	28598	29450	29297	2.17	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1013	1143	1187	1115	8.09	cps
Phosphorus	31-2	100	100	92	97	4.95	cps
Potassium	39-2	35012	34234	34877	34708	1.20	cps
Rhodium	103-1	5500905	5462466	5434418	5465930	0.61	cps
Rhodium	103-2	2485950	2472638	2335491	2431360	3.43	cps
Scandium	45-1	4311359	4255669	4321668	4296232	0.83	cps
Scandium	45-2	78075	78213	72798	76362	4.04	cps
Selenium	77-2	10	23	10	14	53.28	cps
Selenium	78-2	43	44	67	51	26.16	cps
Selenium	82-1	722	773	624	706	10.72	cps
Silicon	28-1	562867	650791	562769	592142	8.58	cps
Silver	109-1	8887	8895	9362	9048	3.01	cps
Silver	107-1	9571	9679	9195	9482	2.68	cps
Sodium	23-2	100487	102594	103399	102160	1.47	cps
Strontium	86-1	3359	3259	3334	3317	1.57	cps
Strontium	88-1	18555	18738	18855	18716	0.81	cps
Sulfur	34-1	615649	618857	613537	616014	0.43	cps
Terbium	159-1	5850502	5856217	5959023	5888581	1.04	cps
Terbium	159-2	2485662	2454976	2336805	2425814	3.24	cps
Thallium	203-1	4551	4426	4334	4437	2.45	cps
Thallium	205-1	10922	11064	11848	11278	4.42	cps
Tin	118-1	27087	27571	27187	27282	0.94	cps
Titanium	47-1	5901	6218	6268	6129	3.25	cps
Uranium	238-1	12757	12640	12407	12601	1.42	cps
Vanadium	51-2	6695	6625	6518	6613	1.35	cps
Yttrium	89-1	6095398	6181772	6340748	6205973	2.01	cps
Yttrium	89-2	451664	448966	424025	441552	3.45	cps
Zinc	66-2	740	673	650	688	6.79	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:09:54	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12823	12381	12515	12573	1.80	cps
Zirconium	91-1	2742	2742	2875	2787	2.76	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:13:23 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	60	53	75	63	18.33	cps
Antimony	121-1	425	325	283	344	21.14	cps
Arsenic	75-1	771	820	805	799	3.16	cps
Barium	135-1	0	58	50	36	87.37	cps
Barium	137-1	42	25	33	33	25.01	cps
Beryllium	9-1	67	57	53	59	11.79	cps
Bismuth	209-1	3424981	3343030	3399856	3389289	1.24	cps
Bismuth	209-2	1768081	1773193	1757757	1766343	0.45	cps
Boron	10-1	1267	1508	1300	1358	9.64	cps
Boron	11-1	6152	5918	5968	6013	2.04	cps
Cadmium	111-1	1360	1416	1199	1325	8.50	cps
Cadmium	106-1	1942	2025	1742	1903	7.65	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	1230	1173	1137	1180	3.99	cps
Calcium	44-1	44945	43778	44912	44545	1.49	cps
Chromium	52-2	1760	1780	1650	1730	4.05	cps
Cobalt	59-2	100	110	110	107	5.41	cps
Copper	63-2	720	750	723	731	2.25	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	58	67	75	67	12.49	cps
Gadolinium	160-2	7	17	7	10	57.72	cps
Holmium	165-1	5713222	5610015	5720511	5681249	1.09	cps
Holmium	165-2	2403099	2477491	2429650	2436747	1.55	cps
Indium	115-1	5421547	5488962	5458641	5456383	0.62	cps
Indium	115-2	559792	566569	551818	559393	1.32	cps
Iron	56-2	3606	3578	3762	3649	2.71	cps
Iron	57-2	133	156	83	124	29.81	cps
Krypton	83-1	710	710	810	743	7.77	cps
Lead	206-1	433	433	383	417	6.93	cps
Lead	207-1	367	400	333	367	9.09	cps
Lead	208-1	1661	1689	1611	1654	2.38	cps
Lithium	6-1	1378980	1373701	1378105	1376929	0.21	cps
Magnesium	24-2	292	425	342	353	19.09	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:13:23	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	87	113	90	97	15.03	cps
Molybdenum	94-1	217	225	267	236	11.35	cps
Molybdenum	95-1	158	142	175	158	10.53	cps
Molybdenum	96-1	192	208	233	211	9.93	cps
Molybdenum	97-1	108	117	158	128	20.96	cps
Molybdenum	98-1	175	183	242	200	18.17	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	73	103	127	101	26.45	cps
Phosphorus	31-2	0	0	42	14	173.21	cps
Potassium	39-2	9896	10246	9470	9871	3.93	cps
Rhodium	103-1	5493988	5440727	5451576	5462097	0.52	cps
Rhodium	103-2	2414374	2475115	2368920	2419469	2.20	cps
Scandium	45-1	4298098	4340168	4330660	4322976	0.51	cps
Scandium	45-2	77509	79570	75941	77673	2.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	6	5	21.74	cps
Selenium	82-1	-41	-17	-95	-51	-78.00	cps
Silicon	28-1	506547	511582	505546	507892	0.64	cps
Silver	109-1	217	308	267	264	17.39	cps
Silver	107-1	267	375	308	317	17.26	cps
Sodium	23-2	19339	20123	19723	19728	1.99	cps
Strontium	86-1	1167	1067	1333	1189	11.33	cps
Strontium	88-1	67	50	125	81	48.89	cps
Sulfur	34-1	626693	623693	627486	625957	0.32	cps
Terbium	159-1	6094625	5948828	6040681	6028044	1.22	cps
Terbium	159-2	2476401	2511013	2412053	2466489	2.04	cps
Thallium	203-1	67	108	108	94	25.47	cps
Thallium	205-1	342	417	275	344	20.58	cps
Tin	118-1	492	525	575	531	7.91	cps
Titanium	47-1	283	250	183	239	21.32	cps
Uranium	238-1	33	33	42	36	13.33	cps
Vanadium	51-2	17	13	13	14	13.35	cps
Yttrium	89-1	6347558	6286761	6297878	6310732	0.51	cps
Yttrium	89-2	449691	451682	438488	446620	1.59	cps
Zinc	66-2	90	70	83	81	12.56	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:13:23	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	508	425	425	453	10.63	cps
Zirconium	91-1	75	108	100	94	18.37	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:16:52	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1561376	1580251	1570035	1570554	0.60	cps
Antimony	121-1	9137	8728	9103	8990	2.52	cps
Arsenic	75-1	4414	4908	5078	4800	7.19	cps
Barium	135-1	2259	2192	2375	2275	4.08	cps
Barium	137-1	3667	4143	4193	4001	7.25	cps
Beryllium	9-1	610	517	540	556	8.74	cps
Bismuth	209-1	3286659	3311462	3284987	3294369	0.45	cps
Bismuth	209-2	1693270	1719055	1704877	1705734	0.76	cps
Boron	10-1	1183	1267	1125	1192	5.97	cps
Boron	11-1	6268	5885	5760	5971	4.44	cps
Cadmium	111-1	2090	2036	2236	2121	4.88	cps
Cadmium	106-1	1625	1909	2084	1872	12.36	cps
Cadmium	108-1	1342	1500	1383	1408	5.83	cps
Calcium	43-1	2387319	2376108	2400427	2387951	0.51	cps
Calcium	44-1	38762270	38084096	38320246	38388871	0.90	cps
Chromium	52-2	39640	38924	39075	39213	0.96	cps
Cobalt	59-2	3961	3847	3977	3928	1.80	cps
Copper	63-2	21968	22295	21497	21920	1.83	cps
Dysprosium	156-1	33	25	17	25	33.32	cps
Dysprosium	156-2	13	3	27	14	81.07	cps
Erbium	164-1	33	42	67	47	36.74	cps
Erbium	164-2	13	13	20	16	24.76	cps
Gadolinium	160-1	50	100	83	78	32.74	cps
Gadolinium	160-2	17	43	20	27	54.47	cps
Holmium	165-1	5705022	5717620	5788488	5737043	0.78	cps
Holmium	165-2	2457560	2495567	2484940	2479356	0.79	cps
Indium	115-1	5457485	5430692	5439745	5442641	0.25	cps
Indium	115-2	548899	549884	553365	550716	0.43	cps
Iron	56-2	122567956	122894972	121845825	122436251	0.44	cps
Iron	57-2	3086791	3067193	3046421	3066802	0.66	cps
Krypton	83-1	820	783	780	794	2.79	cps
Lead	206-1	18414	18931	19315	18887	2.40	cps
Lead	207-1	15549	14731	14536	14939	3.60	cps
Lead	208-1	71748	71653	71023	71475	0.55	cps
Lithium	6-1	1372650	1388848	1399566	1387022	0.98	cps
Magnesium	24-2	7149778	7211022	7228381	7196393	0.57	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4684	4471	4541	4565	2.38	cps
Molybdenum	94-1	4112143	3994203	4072665	4059670	1.48	cps
Molybdenum	95-1	7109811	7110521	7144415	7121582	0.28	cps
Molybdenum	96-1	7623358	7526511	7521368	7557079	0.76	cps
Molybdenum	97-1	4498822	4472076	4437202	4469367	0.69	cps
Molybdenum	98-1	11322932	11453682	11233400	11336671	0.98	cps
Neodymium	150-1	60	33	73	56	36.67	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	5088	4991	4988	5022	1.13	cps
Phosphorus	31-2	135921	136494	134625	135680	0.71	cps
Potassium	39-2	5019943	5069945	4945284	5011724	1.25	cps
Rhodium	103-1	5144804	5330351	5315448	5263535	1.96	cps
Rhodium	103-2	2349433	2362329	2325743	2345835	0.79	cps
Scandium	45-1	4325739	4365855	4325093	4338896	0.54	cps
Scandium	45-2	77481	78752	78548	78261	0.87	cps
Selenium	77-2	17	0	3	7	132.33	cps
Selenium	78-2	6	2	2	3	69.39	cps
Selenium	82-1	-37	-24	-68	-43	-51.96	cps
Silicon	28-1	703112	701250	705041	703134	0.27	cps
Silver	109-1	2609	2400	2767	2592	7.10	cps
Silver	107-1	2417	2750	2834	2667	8.27	cps
Sodium	23-2	16747998	16888092	16771552	16802547	0.45	cps
Strontium	86-1	81233	79037	80529	80266	1.40	cps
Strontium	88-1	684474	682775	678556	681935	0.45	cps
Sulfur	34-1	3747785	3731066	3715978	3731610	0.43	cps
Terbium	159-1	6032456	6089823	6030506	6050928	0.56	cps
Terbium	159-2	2459027	2443063	2456574	2452888	0.35	cps
Thallium	203-1	342	333	300	325	6.78	cps
Thallium	205-1	767	792	558	706	18.16	cps
Tin	118-1	1825	1909	2084	1939	6.80	cps
Titanium	47-1	2388656	2390488	2394120	2391088	0.12	cps
Uranium	238-1	292	258	258	269	7.14	cps
Vanadium	51-2	207	237	180	208	13.64	cps
Yttrium	89-1	6268127	6214801	6218512	6233813	0.48	cps
Yttrium	89-2	448561	451478	448046	449362	0.41	cps
Zinc	66-2	3524	3604	3767	3632	3.42	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:16:52	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	883	692	811	12.85	cps
Zirconium	91-1	225	67	100	131	63.93	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1566761	1558481	1557260	1560834	0.33	cps
Antimony	121-1	164986	164697	163854	164512	0.36	cps
Arsenic	75-1	55114	54064	52678	53952	2.26	cps
Barium	135-1	33995	33836	33769	33867	0.34	cps
Barium	137-1	58079	58974	58765	58606	0.80	cps
Beryllium	9-1	38278	38030	37178	37829	1.53	cps
Bismuth	209-1	3362829	3392880	3392282	3382664	0.51	cps
Bismuth	209-2	1788991	1754144	1737621	1760252	1.49	cps
Boron	10-1	14892	15451	15200	15181	1.84	cps
Boron	11-1	71278	70365	72617	71420	1.59	cps
Cadmium	111-1	38344	39142	37928	38471	1.60	cps
Cadmium	106-1	6727	7486	6669	6960	6.55	cps
Cadmium	108-1	4743	4493	4676	4637	2.79	cps
Calcium	43-1	2398457	2409161	2427223	2411613	0.60	cps
Calcium	44-1	38800254	38935811	38955770	38897279	0.22	cps
Chromium	52-2	75700	73957	74789	74815	1.17	cps
Cobalt	59-2	70722	70005	70008	70245	0.59	cps
Copper	63-2	76637	76124	76530	76430	0.35	cps
Dysprosium	156-1	25	17	42	28	45.82	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	33	75	58	37.81	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	92	50	75	72	29.04	cps
Gadolinium	160-2	20	20	33	24	31.49	cps
Holmium	165-1	5751300	5884155	5777942	5804465	1.21	cps
Holmium	165-2	2582126	2544213	2543228	2556522	0.87	cps
Indium	115-1	5375699	5553469	5486958	5472042	1.64	cps
Indium	115-2	572919	563965	564411	567098	0.89	cps
Iron	56-2	122275558	122727592	122370031	122457727	0.19	cps
Iron	57-2	3102640	3049700	3075132	3075824	0.86	cps
Krypton	83-1	690	690	863	748	13.38	cps
Lead	206-1	99689	96739	94377	96935	2.75	cps
Lead	207-1	81578	81047	79431	80686	1.39	cps
Lead	208-1	381718	372739	371428	375295	1.49	cps
Lithium	6-1	1408119	1470920	1444301	1441113	2.19	cps
Magnesium	24-2	7232693	7217251	7165406	7205117	0.49	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16490	16360	16663	16504	0.92	cps
Molybdenum	94-1	4524987	4497786	4513075	4511949	0.30	cps
Molybdenum	95-1	7472008	7448478	7493720	7471402	0.30	cps
Molybdenum	96-1	8006619	8011584	8002767	8006990	0.06	cps
Molybdenum	97-1	4657866	4666568	4671411	4665282	0.15	cps
Molybdenum	98-1	11683141	11668226	11927989	11759785	1.24	cps
Neodymium	150-1	27	40	47	38	26.95	cps
Neodymium	150-2	13	13	3	10	57.75	cps
Nickel	60-2	24148	23383	24355	23962	2.14	cps
Phosphorus	31-2	133844	136107	133507	134486	1.05	cps
Potassium	39-2	5019731	5025068	4994481	5013093	0.33	cps
Rhodium	103-1	5229707	5428579	5352839	5337042	1.88	cps
Rhodium	103-2	2425846	2434122	2431096	2430354	0.17	cps
Scandium	45-1	4352578	4469002	4367326	4396302	1.44	cps
Scandium	45-2	80643	79205	78464	79437	1.39	cps
Selenium	77-2	47	33	37	39	17.85	cps
Selenium	78-2	148	130	150	143	7.90	cps
Selenium	82-1	2642	2608	2242	2497	8.89	cps
Silicon	28-1	975819	967604	967544	970323	0.49	cps
Silver	109-1	162319	163575	161502	162465	0.64	cps
Silver	107-1	172966	174020	169666	172217	1.32	cps
Sodium	23-2	16991694	16981651	16884703	16952683	0.35	cps
Strontium	86-1	215526	215011	216442	215660	0.34	cps
Strontium	88-1	1895028	1870601	1886049	1883893	0.66	cps
Sulfur	34-1	3787590	3789738	3782835	3786721	0.09	cps
Terbium	159-1	6092571	6249207	6243917	6195232	1.44	cps
Terbium	159-2	2513070	2501940	2541626	2518879	0.81	cps
Thallium	203-1	95760	96640	95769	96056	0.53	cps
Thallium	205-1	225918	226982	225192	226031	0.40	cps
Tin	118-1	304099	304158	304163	304140	0.01	cps
Titanium	47-1	2523317	2504602	2487084	2505001	0.72	cps
Uranium	238-1	792974	803159	790889	795674	0.83	cps
Vanadium	51-2	26181	26459	26415	26352	0.57	cps
Yttrium	89-1	6286960	6450111	6302619	6346563	1.42	cps
Yttrium	89-2	464537	452998	453265	456933	1.44	cps
Zinc	66-2	10120	9727	9884	9910	2.00	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:20:12	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733730	725795	735178	731568	0.69	cps
Zirconium	91-1	163219	161118	163960	162765	0.91	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	992902	1001459	991523	995295	0.54	cps
Antimony	121-1	4096687	4069851	4133710	4100083	0.78	cps
Arsenic	75-1	1307280	1317120	1316538	1313646	0.42	cps
Barium	135-1	4145485	4142548	4158509	4148847	0.20	cps
Barium	137-1	7153479	7233109	7157899	7181496	0.62	cps
Beryllium	9-1	959265	960187	951537	956996	0.50	cps
Bismuth	209-1	3278941	3227098	3218716	3241585	1.01	cps
Bismuth	209-2	1670821	1701718	1655601	1676047	1.40	cps
Boron	10-1	127597	129497	127836	128310	0.81	cps
Boron	11-1	612438	619650	622610	618233	0.85	cps
Cadmium	111-1	936886	948669	937164	940906	0.71	cps
Cadmium	106-1	101439	104076	102413	102643	1.30	cps
Cadmium	108-1	68025	69859	68988	68957	1.33	cps
Calcium	43-1	6164183	6257453	6255402	6225679	0.86	cps
Calcium	44-1	100886135	100656649	101837612	101126798	0.62	cps
Chromium	52-2	948900	957255	956121	954092	0.48	cps
Cobalt	59-2	1784301	1793392	1773978	1783890	0.54	cps
Copper	63-2	2768879	2766862	2757595	2764445	0.22	cps
Dysprosium	156-1	42	33	117	64	71.84	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	17	17	58	31	78.72	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	108	75	83	89	19.52	cps
Gadolinium	160-2	10	23	23	19	40.75	cps
Holmium	165-1	5832703	5792436	5667027	5764055	1.50	cps
Holmium	165-2	2452686	2538110	2492950	2494582	1.71	cps
Indium	115-1	5290099	5355007	5167057	5270721	1.81	cps
Indium	115-2	542685	546118	555940	548248	1.25	cps
Iron	56-2	162895009	163760681	163507454	163387715	0.27	cps
Iron	57-2	4057532	4049284	4017773	4041530	0.52	cps
Krypton	83-1	737	693	733	721	3.34	cps
Lead	206-1	1933852	1942873	1962363	1946363	0.75	cps
Lead	207-1	1754980	1812679	1788802	1785487	1.62	cps
Lead	208-1	7875509	7952555	8002528	7943531	0.81	cps
Lithium	6-1	1397319	1378791	1360197	1378769	1.35	cps
Magnesium	24-2	18971032	19277015	19061065	19103037	0.82	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	645167	648674	643636	645825	0.40	cps
Molybdenum	94-1	8100866	8065333	7999065	8055088	0.64	cps
Molybdenum	95-1	10187894	10230931	10177690	10198838	0.28	cps
Molybdenum	96-1	11181795	11222348	11169323	11191155	0.25	cps
Molybdenum	97-1	6389970	6409456	6398624	6399350	0.15	cps
Molybdenum	98-1	16422597	16302248	16258256	16327700	0.52	cps
Neodymium	150-1	240	273	307	273	12.20	cps
Neodymium	150-2	40	10	30	27	57.28	cps
Nickel	60-2	489017	492270	485065	488784	0.74	cps
Phosphorus	31-2	14883	14825	14742	14817	0.48	cps
Potassium	39-2	6873798	6793057	6817257	6828037	0.61	cps
Rhodium	103-1	5279894	5146142	5073756	5166597	2.02	cps
Rhodium	103-2	2330414	2319701	2385258	2345124	1.50	cps
Scandium	45-1	4428265	4421242	4354557	4401354	0.92	cps
Scandium	45-2	81662	82772	83700	82711	1.23	cps
Selenium	77-2	1043	1110	1050	1068	3.44	cps
Selenium	78-2	3619	3726	3500	3615	3.13	cps
Selenium	82-1	67098	66799	67241	67046	0.34	cps
Silicon	28-1	3020595	3022909	3071149	3038218	0.94	cps
Silver	109-1	4309211	4357056	4291915	4319394	0.78	cps
Silver	107-1	4616417	4629112	4644625	4630052	0.31	cps
Sodium	23-2	43942200	44546460	44389055	44292572	0.71	cps
Strontium	86-1	1455478	1447991	1460601	1454690	0.44	cps
Strontium	88-1	12246714	12170546	12245731	12220997	0.36	cps
Sulfur	34-1	1001596	997147	1011609	1003451	0.74	cps
Terbium	159-1	6071817	6052152	5888795	6004255	1.67	cps
Terbium	159-2	2445548	2491561	2513759	2483623	1.40	cps
Thallium	203-1	2499137	2467399	2472314	2479616	0.69	cps
Thallium	205-1	5816498	5753821	5852658	5807659	0.86	cps
Tin	118-1	2861563	2865533	2854065	2860387	0.20	cps
Titanium	47-1	3226759	3264848	3289728	3260445	0.97	cps
Uranium	238-1	7298037	7155882	7128257	7194059	1.27	cps
Vanadium	51-2	724210	729644	719479	724444	0.70	cps
Yttrium	89-1	6359818	6311497	6213252	6294856	1.19	cps
Yttrium	89-2	455204	462369	469054	462209	1.50	cps
Zinc	66-2	310500	313125	309481	311036	0.60	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV63	Instrumnet Name :	P8
Client Sample ID :	CCV63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:23:51	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6490083	6385444	6466141	6447222	0.85	cps
Zirconium	91-1	1460969	1455991	1428132	1448364	1.22	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : LLCCV Instrumnet Name : P8
 Client Sample ID : LLCCV Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:32:57 DataFile Name : 019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	393	350	340	361	7.73	cps
Antimony	121-1	15484	15360	15910	15585	1.85	cps
Arsenic	75-1	3533	3546	3546	3542	0.22	cps
Barium	135-1	16378	15318	16244	15980	3.61	cps
Barium	137-1	26361	27062	26536	26653	1.37	cps
Beryllium	9-1	1837	1893	1893	1875	1.75	cps
Bismuth	209-1	3307287	3496356	3359296	3387647	2.88	cps
Bismuth	209-2	1829048	1833036	1837680	1833255	0.24	cps
Boron	10-1	6727	6660	7194	6860	4.24	cps
Boron	11-1	32972	32430	33406	32936	1.49	cps
Cadmium	111-1	3101	3327	3072	3167	4.41	cps
Cadmium	106-1	1984	2242	2092	2106	6.16	cps
Cadmium	108-1	125	150	121	132	11.95	cps
Calcium	43-1	12442	12215	12336	12331	0.92	cps
Calcium	44-1	234903	232170	234137	233737	0.60	cps
Chromium	52-2	5168	5291	5234	5231	1.18	cps
Cobalt	59-2	3310	3240	3447	3333	3.15	cps
Copper	63-2	6442	6081	6245	6256	2.88	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	17	17	22	43.28	cps
Erbium	164-2	13	17	13	14	13.35	cps
Gadolinium	160-1	50	42	58	50	16.67	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	5566490	5846642	5602579	5671904	2.69	cps
Holmium	165-2	2542974	2483594	2500495	2509021	1.22	cps
Indium	115-1	5249431	5490993	5253157	5331194	2.60	cps
Indium	115-2	573150	565704	562294	567049	0.98	cps
Iron	56-2	71053	69741	70422	70405	0.93	cps
Iron	57-2	1922	1689	1817	1809	6.46	cps
Krypton	83-1	697	777	727	733	5.51	cps
Lead	206-1	4345	4401	4351	4366	0.70	cps
Lead	207-1	3845	3867	3834	3849	0.44	cps
Lead	208-1	17344	17617	17600	17520	0.87	cps
Lithium	6-1	1331291	1426866	1349632	1369263	3.70	cps
Magnesium	24-2	36732	37818	35721	36757	2.85	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:32:57	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	760	607	610	659	13.29	cps
Molybdenum	94-1	15184	15376	15434	15331	0.85	cps
Molybdenum	95-1	19573	18255	18805	18878	3.51	cps
Molybdenum	96-1	20917	20925	20600	20814	0.89	cps
Molybdenum	97-1	11647	11856	11397	11633	1.98	cps
Molybdenum	98-1	29976	29750	30026	29917	0.49	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	1010	1083	1147	1080	6.33	cps
Phosphorus	31-2	133	108	67	103	32.77	cps
Potassium	39-2	34944	35095	36055	35365	1.70	cps
Rhodium	103-1	5238870	5540642	5349825	5376446	2.84	cps
Rhodium	103-2	2516282	2483411	2469520	2489738	0.96	cps
Scandium	45-1	4184217	4408162	4240438	4277606	2.72	cps
Scandium	45-2	80174	78239	78648	79020	1.29	cps
Selenium	77-2	13	7	13	11	34.61	cps
Selenium	78-2	48	37	37	41	15.74	cps
Selenium	82-1	696	558	650	635	11.07	cps
Silicon	28-1	559488	555389	559840	558239	0.44	cps
Silver	109-1	9520	9112	9028	9220	2.86	cps
Silver	107-1	9737	9412	10129	9760	3.68	cps
Sodium	23-2	108906	106245	106270	107140	1.43	cps
Strontium	86-1	3359	3109	3601	3356	7.33	cps
Strontium	88-1	19941	20174	19590	19901	1.48	cps
Sulfur	34-1	647789	644368	649055	647071	0.37	cps
Terbium	159-1	5732699	6168327	5853593	5918206	3.80	cps
Terbium	159-2	2510705	2481778	2470241	2487575	0.84	cps
Thallium	203-1	5210	5060	4834	5035	3.75	cps
Thallium	205-1	11014	11522	10922	11153	2.90	cps
Tin	118-1	27379	27755	28339	27825	1.74	cps
Titanium	47-1	6427	6452	6518	6466	0.73	cps
Uranium	238-1	13183	12916	12899	12999	1.22	cps
Vanadium	51-2	6948	6792	6505	6748	3.33	cps
Yttrium	89-1	6020113	6423618	6126056	6189929	3.38	cps
Yttrium	89-2	457275	452409	451735	453806	0.67	cps
Zinc	66-2	657	697	743	699	6.21	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P8
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:32:57	DataFile Name :	019LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13282	12690	12256	12743	4.04	cps
Zirconium	91-1	2684	2917	3234	2945	9.38	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P8
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:36:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	45	55	50	50	10.00	cps
Antimony	121-1	275	350	350	325	13.32	cps
Arsenic	75-1	903	765	823	830	8.34	cps
Barium	135-1	25	8	17	17	50.01	cps
Barium	137-1	17	8	33	19	65.47	cps
Beryllium	9-1	53	50	57	53	6.25	cps
Bismuth	209-1	3438578	3418215	3415458	3424084	0.37	cps
Bismuth	209-2	1862995	1828071	1814692	1835253	1.36	cps
Boron	10-1	875	842	817	845	3.47	cps
Boron	11-1	4117	4217	4109	4148	1.45	cps
Cadmium	111-1	1548	1507	1360	1472	6.71	cps
Cadmium	106-1	2175	2142	1942	2086	6.05	cps
Cadmium	108-1	0	13	17	10	89.22	cps
Calcium	43-1	1147	1170	1083	1133	3.96	cps
Calcium	44-1	45611	44852	44477	44980	1.28	cps
Chromium	52-2	1860	1730	1780	1790	3.66	cps
Cobalt	59-2	107	100	113	107	6.25	cps
Copper	63-2	853	770	753	792	6.76	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	33	17	33	28	34.63	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	67	83	58	69	18.33	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	5735706	5746493	5719851	5734017	0.23	cps
Holmium	165-2	2547858	2508494	2509247	2521867	0.89	cps
Indium	115-1	5554873	5627727	5709087	5630562	1.37	cps
Indium	115-2	574994	566937	555043	565658	1.77	cps
Iron	56-2	4256	5787	3773	4605	22.83	cps
Iron	57-2	150	150	139	146	4.39	cps
Krypton	83-1	743	810	803	786	4.67	cps
Lead	206-1	517	550	517	528	3.65	cps
Lead	207-1	511	578	494	528	8.36	cps
Lead	208-1	2233	2328	2278	2280	2.07	cps
Lithium	6-1	1358082	1390506	1383765	1377451	1.24	cps
Magnesium	24-2	317	308	392	339	13.54	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : CCB63 Instrumnet Name : P8
 Client Sample ID : CCB63 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 14:36:25 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	70	93	77	18.95	cps
Molybdenum	94-1	308	250	375	311	20.10	cps
Molybdenum	95-1	133	133	150	139	6.93	cps
Molybdenum	96-1	200	158	192	183	12.03	cps
Molybdenum	97-1	192	158	142	164	15.54	cps
Molybdenum	98-1	142	200	208	183	19.82	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	97	63	77	79	21.27	cps
Phosphorus	31-2	8	33	33	25	57.74	cps
Potassium	39-2	10096	9796	9837	9910	1.64	cps
Rhodium	103-1	5455389	5644329	5534483	5544734	1.71	cps
Rhodium	103-2	2495830	2455659	2436396	2462629	1.23	cps
Scandium	45-1	4395179	4444893	4387364	4409145	0.71	cps
Scandium	45-2	80361	78367	76547	78425	2.43	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	18	-119	-92	-64	-113.31	cps
Silicon	28-1	500223	568970	499358	522850	7.64	cps
Silver	109-1	308	325	350	328	6.40	cps
Silver	107-1	317	308	342	322	5.38	cps
Sodium	23-2	23111	23095	22435	22880	1.69	cps
Strontium	86-1	1117	1183	1008	1103	8.01	cps
Strontium	88-1	92	92	83	89	5.41	cps
Sulfur	34-1	641095	647680	647272	645349	0.57	cps
Terbium	159-1	6083838	6062721	6159023	6101861	0.83	cps
Terbium	159-2	2482634	2488492	2490632	2487253	0.17	cps
Thallium	203-1	217	242	292	250	15.28	cps
Thallium	205-1	533	600	625	586	8.08	cps
Tin	118-1	425	633	583	547	19.88	cps
Titanium	47-1	167	242	317	242	31.03	cps
Uranium	238-1	17	25	50	31	56.77	cps
Vanadium	51-2	23	10	27	20	44.10	cps
Yttrium	89-1	6232954	6396379	6378207	6335846	1.41	cps
Yttrium	89-2	458009	454169	447528	453235	1.17	cps
Zinc	66-2	73	90	90	84	11.40	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB63	Instrumnet Name :	P8
Client Sample ID :	CCB63	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:36:25	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	433	508	475	472	7.96	cps
Zirconium	91-1	58	67	125	83	43.59	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	370	370	403	381	4.93	cps
Antimony	121-1	15652	15043	15693	15462	2.36	cps
Arsenic	75-1	3427	3226	3481	3378	3.98	cps
Barium	135-1	15543	15026	15335	15301	1.70	cps
Barium	137-1	26486	27479	27388	27118	2.03	cps
Beryllium	9-1	1643	1797	1923	1788	7.84	cps
Bismuth	209-1	3441844	3449640	3542452	3477979	1.61	cps
Bismuth	209-2	1790117	1827239	1886031	1834462	2.64	cps
Boron	10-1	6593	6318	6460	6457	2.13	cps
Boron	11-1	31243	31561	31995	31600	1.19	cps
Cadmium	111-1	3317	3141	3082	3180	3.85	cps
Cadmium	106-1	2292	2150	2317	2253	3.99	cps
Cadmium	108-1	167	146	171	161	8.31	cps
Calcium	43-1	12613	12509	12689	12604	0.72	cps
Calcium	44-1	231620	230230	235026	232292	1.06	cps
Chromium	52-2	5288	5251	5148	5229	1.39	cps
Cobalt	59-2	3461	3234	3510	3402	4.34	cps
Copper	63-2	6138	5825	6031	5998	2.66	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	33	67	67	56	34.65	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	5835834	5761532	5873986	5823784	0.98	cps
Holmium	165-2	2502020	2494699	2571540	2522753	1.68	cps
Indium	115-1	5596245	5637774	5603217	5612412	0.40	cps
Indium	115-2	567796	562734	577145	569225	1.28	cps
Iron	56-2	70768	69373	70366	70169	1.02	cps
Iron	57-2	1789	1822	1811	1808	0.94	cps
Krypton	83-1	683	837	767	762	10.07	cps
Lead	206-1	4079	4029	4384	4164	4.62	cps
Lead	207-1	3728	3656	3467	3617	3.73	cps
Lead	208-1	16849	16338	17105	16764	2.33	cps
Lithium	6-1	1373866	1403201	1402255	1393107	1.20	cps
Magnesium	24-2	37367	36958	36305	36877	1.45	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	617	713	710	680	8.07	cps
Molybdenum	94-1	15360	15376	14692	15142	2.58	cps
Molybdenum	95-1	18522	18463	18739	18575	0.78	cps
Molybdenum	96-1	20383	20541	20541	20488	0.45	cps
Molybdenum	97-1	11572	11630	11739	11647	0.73	cps
Molybdenum	98-1	29750	29500	29525	29592	0.47	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1117	1140	1137	1131	1.12	cps
Phosphorus	31-2	83	75	92	83	10.00	cps
Potassium	39-2	34819	34702	33808	34443	1.61	cps
Rhodium	103-1	5518233	5619845	5597865	5578648	0.96	cps
Rhodium	103-2	2516353	2498450	2575299	2530034	1.59	cps
Scandium	45-1	4400739	4418953	4382990	4400894	0.41	cps
Scandium	45-2	78018	79148	81095	79420	1.96	cps
Selenium	77-2	30	7	13	17	72.11	cps
Selenium	78-2	50	56	41	49	15.35	cps
Selenium	82-1	707	484	628	607	18.61	cps
Silicon	28-1	557048	556396	557229	556891	0.08	cps
Silver	109-1	9095	8995	8862	8984	1.30	cps
Silver	107-1	9696	9762	9529	9662	1.25	cps
Sodium	23-2	102526	104708	103500	103578	1.06	cps
Strontium	86-1	3451	3559	3126	3378	6.68	cps
Strontium	88-1	19031	19991	19356	19459	2.51	cps
Sulfur	34-1	648830	651855	647110	649265	0.37	cps
Terbium	159-1	6180773	6166502	6248481	6198585	0.71	cps
Terbium	159-2	2456386	2520922	2559908	2512405	2.08	cps
Thallium	203-1	5326	4985	4893	5068	4.51	cps
Thallium	205-1	11105	11481	11289	11292	1.66	cps
Tin	118-1	27187	27312	28531	27677	2.68	cps
Titanium	47-1	5818	5876	6760	6152	8.58	cps
Uranium	238-1	12957	13133	12590	12893	2.15	cps
Vanadium	51-2	7035	6682	6572	6763	3.58	cps
Yttrium	89-1	6287866	6386547	6424761	6366391	1.11	cps
Yttrium	89-2	455097	457816	460936	457950	0.64	cps
Zinc	66-2	710	723	763	732	3.79	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:39:54	DataFile Name :	021LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12656	12790	11964	12470	3.55	cps
Zirconium	91-1	2650	2734	2792	2725	2.61	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14649	14922	14761	14777	0.93	cps
Antimony	121-1	263459	275147	266309	268305	2.27	cps
Arsenic	75-1	77774	81807	79751	79777	2.53	cps
Barium	135-1	1048813	1077242	1050696	1058917	1.50	cps
Barium	137-1	1879174	1917033	1925081	1907096	1.29	cps
Beryllium	9-1	14321	15539	14855	14905	4.10	cps
Bismuth	209-1	3344038	3525799	3437216	3435684	2.65	cps
Bismuth	209-2	1820896	1874480	1867633	1854337	1.57	cps
Boron	10-1	406436	430662	430995	422698	3.33	cps
Boron	11-1	1996909	2117223	2110215	2074783	3.25	cps
Cadmium	111-1	85219	86686	86480	86129	0.92	cps
Cadmium	106-1	9487	9646	9479	9537	0.99	cps
Cadmium	108-1	5576	5793	5735	5701	1.97	cps
Calcium	43-1	1080	1310	1030	1140	13.10	cps
Calcium	44-1	45845	45390	46326	45854	1.02	cps
Chromium	52-2	270923	271693	271666	271427	0.16	cps
Cobalt	59-2	197	153	177	176	12.35	cps
Copper	63-2	4047259	3973245	4093970	4038158	1.51	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	0	3	0	1	173.21	cps
Gadolinium	160-1	75	92	33	67	45.07	cps
Gadolinium	160-2	13	13	23	17	34.65	cps
Holmium	165-1	5651339	5859597	5803055	5771330	1.87	cps
Holmium	165-2	2543959	2558613	2551959	2551510	0.29	cps
Indium	115-1	5516280	5596963	5512500	5541914	0.86	cps
Indium	115-2	565977	571467	575728	571057	0.86	cps
Iron	56-2	1756731	1727671	1742493	1742299	0.83	cps
Iron	57-2	41785	42153	40649	41529	1.89	cps
Krypton	83-1	777	777	797	783	1.47	cps
Lead	206-1	117003	125157	122182	121447	3.40	cps
Lead	207-1	101209	105569	104600	103793	2.21	cps
Lead	208-1	467284	488047	479827	478386	2.19	cps
Lithium	6-1	1356485	1420346	1369881	1382238	2.44	cps
Magnesium	24-2	367	400	367	378	5.09	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	274351	273096	273274	273574	0.25	cps
Molybdenum	94-1	190913	196732	198050	195231	1.95	cps
Molybdenum	95-1	331746	341885	342370	338667	1.77	cps
Molybdenum	96-1	359118	368330	365122	364190	1.28	cps
Molybdenum	97-1	207620	213456	207605	209560	1.61	cps
Molybdenum	98-1	530568	545996	543912	540159	1.55	cps
Neodymium	150-1	33	40	73	49	43.84	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	416614	416756	417487	416952	0.11	cps
Phosphorus	31-2	33	8	25	22	57.29	cps
Potassium	39-2	9629	9737	9470	9612	1.40	cps
Rhodium	103-1	5406240	5656826	5534673	5532580	2.26	cps
Rhodium	103-2	2492611	2544409	2526294	2521105	1.04	cps
Scandium	45-1	4232843	4453052	4373531	4353142	2.56	cps
Scandium	45-2	78769	79259	80097	79375	0.85	cps
Selenium	77-2	120	163	170	151	17.97	cps
Selenium	78-2	594	557	548	567	4.32	cps
Selenium	82-1	10051	10640	9889	10193	3.88	cps
Silicon	28-1	967358	990039	988098	981831	1.28	cps
Silver	109-1	1963343	1987044	2002590	1984326	1.00	cps
Silver	107-1	2084449	2150521	2117402	2117458	1.56	cps
Sodium	23-2	26225	27152	27035	26804	1.88	cps
Strontium	86-1	1200	1225	1075	1167	6.89	cps
Strontium	88-1	250	283	242	258	8.53	cps
Sulfur	34-1	628951	627700	618093	624915	0.95	cps
Terbium	159-1	5959459	6252432	6091959	6101283	2.40	cps
Terbium	159-2	2477769	2559010	2495425	2510735	1.70	cps
Thallium	203-1	46068	46829	46662	46520	0.86	cps
Thallium	205-1	107330	113212	112278	110940	2.85	cps
Tin	118-1	617	558	617	597	5.64	cps
Titanium	47-1	275	400	233	303	28.65	cps
Uranium	238-1	50	83	58	64	27.15	cps
Vanadium	51-2	896460	898738	898384	897861	0.14	cps
Yttrium	89-1	6180695	6424288	6291332	6298772	1.94	cps
Yttrium	89-2	453126	459912	458330	457123	0.78	cps
Zinc	66-2	214264	214035	217897	215399	1.01	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 14:43:22	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1375	1325	1417	1372	3.34	cps
Zirconium	91-1	342	383	292	339	13.54	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14501	14246	14619	14455	1.32	cps
Antimony	121-1	262612	265694	268417	265574	1.09	cps
Arsenic	75-1	78156	78588	79994	78913	1.22	cps
Barium	135-1	1030073	1053644	1049850	1044522	1.21	cps
Barium	137-1	1870612	1866804	1887490	1874969	0.59	cps
Beryllium	9-1	15018	14881	14931	14944	0.46	cps
Bismuth	209-1	3436452	3552108	3454733	3481098	1.79	cps
Bismuth	209-2	1802139	1843833	1843250	1829741	1.31	cps
Boron	10-1	414807	430909	437251	427656	2.71	cps
Boron	11-1	2040777	2141737	2138468	2106994	2.72	cps
Cadmium	111-1	86045	84888	85515	85482	0.68	cps
Cadmium	106-1	9345	9545	9604	9498	1.43	cps
Cadmium	108-1	5259	5639	5651	5517	4.04	cps
Calcium	43-1	1163	1213	1077	1151	6.01	cps
Calcium	44-1	43196	43939	43952	43696	0.99	cps
Chromium	52-2	266120	266504	269028	267217	0.59	cps
Cobalt	59-2	133	107	170	137	23.26	cps
Copper	63-2	3973366	3956515	3979014	3969632	0.29	cps
Dysprosium	156-1	17	58	33	36	58.07	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	33	33	39	24.75	cps
Erbium	164-2	23	10	7	13	66.12	cps
Gadolinium	160-1	58	25	67	50	44.10	cps
Gadolinium	160-2	20	17	20	19	10.18	cps
Holmium	165-1	5655612	5922463	5783817	5787298	2.31	cps
Holmium	165-2	2476632	2543270	2503472	2507792	1.34	cps
Indium	115-1	5397162	5755951	5644817	5599310	3.28	cps
Indium	115-2	552231	558501	562981	557904	0.97	cps
Iron	56-2	1721084	1717592	1705724	1714800	0.47	cps
Iron	57-2	40972	41457	41284	41238	0.60	cps
Krypton	83-1	760	667	613	680	10.92	cps
Lead	206-1	117371	119379	120702	119151	1.41	cps
Lead	207-1	102914	103620	104751	103762	0.89	cps
Lead	208-1	469198	476001	475861	473687	0.82	cps
Lithium	6-1	1381956	1421279	1414762	1405999	1.50	cps
Magnesium	24-2	417	367	317	367	13.64	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	268736	267364	268089	268063	0.26	cps
Molybdenum	94-1	190723	191323	196757	192934	1.72	cps
Molybdenum	95-1	334618	336974	340361	337318	0.86	cps
Molybdenum	96-1	357688	359187	363135	360003	0.78	cps
Molybdenum	97-1	207001	208693	208168	207954	0.42	cps
Molybdenum	98-1	533841	538502	541281	537874	0.70	cps
Neodymium	150-1	60	67	93	73	24.06	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	409025	407946	413238	410070	0.68	cps
Phosphorus	31-2	8	42	25	25	66.68	cps
Potassium	39-2	9337	9178	8945	9153	2.15	cps
Rhodium	103-1	5422600	5658833	5630675	5570703	2.32	cps
Rhodium	103-2	2455548	2471734	2492672	2473318	0.75	cps
Scandium	45-1	4327447	4450444	4358293	4378728	1.46	cps
Scandium	45-2	76779	76838	78146	77254	1.00	cps
Selenium	77-2	170	140	223	178	23.74	cps
Selenium	78-2	546	563	520	543	3.95	cps
Selenium	82-1	10168	10249	10658	10358	2.54	cps
Silicon	28-1	968487	982450	966131	972356	0.91	cps
Silver	109-1	1972735	1960073	1965144	1965984	0.32	cps
Silver	107-1	2146522	2098297	2115174	2119998	1.15	cps
Sodium	23-2	23746	24388	24572	24235	1.79	cps
Strontium	86-1	1183	1050	1025	1086	7.84	cps
Strontium	88-1	333	242	217	264	23.28	cps
Sulfur	34-1	637441	629355	628020	631605	0.81	cps
Terbium	159-1	6037445	6260077	6117785	6138435	1.84	cps
Terbium	159-2	2457545	2467119	2497388	2474017	0.84	cps
Thallium	203-1	45859	46820	46253	46311	1.04	cps
Thallium	205-1	110100	110287	110597	110328	0.23	cps
Tin	118-1	517	567	533	539	4.72	cps
Titanium	47-1	283	258	192	244	19.38	cps
Uranium	238-1	83	0	8	31	150.22	cps
Vanadium	51-2	886360	886095	888942	887133	0.18	cps
Yttrium	89-1	6343478	6508358	6427604	6426480	1.28	cps
Yttrium	89-2	445828	445936	452537	448100	0.86	cps
Zinc	66-2	212702	212168	211050	211973	0.40	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	K1161-04RE	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WSRE	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:06:57	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1233	1350	1278	4.94	cps
Zirconium	91-1	308	317	400	342	14.84	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P8
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 15:19:05 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	63	78	63	68	12.83	cps
Antimony	121-1	183	183	225	197	12.20	cps
Arsenic	75-1	781	723	789	764	4.69	cps
Barium	135-1	158	142	167	156	8.19	cps
Barium	137-1	175	183	175	178	2.71	cps
Beryllium	9-1	70	83	57	70	19.04	cps
Bismuth	209-1	3548476	3616596	3621335	3595469	1.13	cps
Bismuth	209-2	1793077	1819125	1806639	1806280	0.72	cps
Boron	10-1	1900	1692	1950	1847	7.42	cps
Boron	11-1	9971	9937	9220	9709	4.37	cps
Cadmium	111-1	1344	1398	1413	1385	2.61	cps
Cadmium	106-1	1917	1984	2017	1972	2.58	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	1220	1163	1127	1170	4.02	cps
Calcium	44-1	42043	42016	42056	42039	0.05	cps
Chromium	52-2	1770	1717	1607	1698	4.91	cps
Cobalt	59-2	117	100	107	108	7.78	cps
Copper	63-2	830	930	943	901	6.87	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	25	50	50	42	34.64	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	100	67	33	67	50.00	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	5885946	6076085	6100193	6020741	1.95	cps
Holmium	165-2	2448394	2480055	2507657	2478702	1.20	cps
Indium	115-1	5521888	5778242	5795398	5698509	2.69	cps
Indium	115-2	546587	547827	560556	551657	1.40	cps
Iron	56-2	4556	4668	4784	4669	2.44	cps
Iron	57-2	67	139	133	113	35.58	cps
Krypton	83-1	693	677	740	703	4.67	cps
Lead	206-1	256	394	311	320	21.82	cps
Lead	207-1	228	233	233	231	1.38	cps
Lead	208-1	1211	1267	1189	1222	3.28	cps
Lithium	6-1	1361225	1431464	1430303	1407664	2.86	cps
Magnesium	24-2	392	283	350	342	15.99	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:19:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	100	100	90	19.25	cps
Molybdenum	94-1	225	283	225	244	13.78	cps
Molybdenum	95-1	58	50	108	72	43.68	cps
Molybdenum	96-1	100	167	175	147	27.92	cps
Molybdenum	97-1	67	42	175	94	75.04	cps
Molybdenum	98-1	125	108	200	144	33.80	cps
Neodymium	150-1	7	20	40	22	75.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	153	147	134	20.19	cps
Phosphorus	31-2	25	50	8	28	75.51	cps
Potassium	39-2	8978	9395	9329	9234	2.43	cps
Rhodium	103-1	5576136	5739204	5749645	5688328	1.71	cps
Rhodium	103-2	2457954	2428902	2474232	2453696	0.94	cps
Scandium	45-1	4371765	4428992	4505733	4435497	1.52	cps
Scandium	45-2	76122	76108	77257	76496	0.86	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	4	11	6	69.34	cps
Selenium	82-1	-19	15	-56	-20	-175.03	cps
Silicon	28-1	498743	500257	504850	501283	0.63	cps
Silver	109-1	200	200	208	203	2.37	cps
Silver	107-1	217	242	200	219	9.56	cps
Sodium	23-2	17962	18137	17561	17887	1.65	cps
Strontium	86-1	992	1208	975	1058	12.30	cps
Strontium	88-1	308	242	117	222	43.79	cps
Sulfur	34-1	641777	638794	646325	642299	0.59	cps
Terbium	159-1	6155300	6421546	6405656	6327501	2.36	cps
Terbium	159-2	2465177	2470544	2490643	2475454	0.54	cps
Thallium	203-1	133	100	167	133	25.00	cps
Thallium	205-1	200	258	192	217	16.77	cps
Tin	118-1	725	892	983	867	15.11	cps
Titanium	47-1	233	300	300	278	13.86	cps
Uranium	238-1	17	50	33	33	50.00	cps
Vanadium	51-2	17	13	30	20	44.10	cps
Yttrium	89-1	6390164	6547526	6585484	6507725	1.59	cps
Yttrium	89-2	439227	433341	448230	440266	1.70	cps
Zinc	66-2	203	180	153	179	13.99	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P8
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:19:05	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	375	408	508	431	16.12	cps
Zirconium	91-1	142	100	142	128	18.83	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	173967	174840	173901	174236	0.30	cps
Antimony	121-1	4166783	4203612	4097279	4155891	1.30	cps
Arsenic	75-1	1284855	1293482	1273219	1283852	0.79	cps
Barium	135-1	4176740	4144857	4048904	4123500	1.61	cps
Barium	137-1	7272461	7193585	7112152	7192732	1.11	cps
Beryllium	9-1	957254	961668	945515	954813	0.87	cps
Bismuth	209-1	3419333	3529065	3554798	3501066	2.05	cps
Bismuth	209-2	1829849	1848143	1835170	1837721	0.51	cps
Boron	10-1	127226	128831	129294	128450	0.85	cps
Boron	11-1	602614	619101	614650	612122	1.39	cps
Cadmium	111-1	957853	961934	950212	956666	0.62	cps
Cadmium	106-1	103462	104864	103008	103778	0.93	cps
Cadmium	108-1	68465	70291	70441	69732	1.58	cps
Calcium	43-1	1257755	1251395	1226191	1245113	1.34	cps
Calcium	44-1	19939743	19888846	19811856	19880148	0.32	cps
Chromium	52-2	895627	895404	899030	896687	0.23	cps
Cobalt	59-2	1720552	1716180	1720822	1719185	0.15	cps
Copper	63-2	2708603	2759480	2721145	2729743	0.97	cps
Dysprosium	156-1	92	83	67	81	15.80	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	50	83	67	67	25.00	cps
Gadolinium	160-2	17	10	33	20	60.08	cps
Holmium	165-1	5800070	6086474	6273169	6053238	3.94	cps
Holmium	165-2	2589246	2565066	2615937	2590083	0.98	cps
Indium	115-1	5389954	5584957	5616092	5530334	2.22	cps
Indium	115-2	552102	561109	555626	556279	0.82	cps
Iron	56-2	31479458	31420360	31404892	31434904	0.13	cps
Iron	57-2	772224	770208	774651	772361	0.29	cps
Krypton	83-1	717	770	633	707	9.75	cps
Lead	206-1	2027054	2019160	1993310	2013175	0.88	cps
Lead	207-1	1870998	1840124	1832314	1847812	1.11	cps
Lead	208-1	8230452	8238706	8118824	8195994	0.82	cps
Lithium	6-1	1369678	1419775	1442207	1410553	2.63	cps
Magnesium	24-2	3745217	3722834	3712168	3726740	0.45	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	602520	608579	603486	604862	0.54	cps
Molybdenum	94-1	7793929	8004385	7805822	7868045	1.50	cps
Molybdenum	95-1	9965741	10129788	9948855	10014795	1.00	cps
Molybdenum	96-1	10943752	11169945	10899751	11004482	1.32	cps
Molybdenum	97-1	6206291	6258055	6267779	6244042	0.53	cps
Molybdenum	98-1	15788452	16044823	15764685	15865987	0.98	cps
Neodymium	150-1	200	160	180	180	11.11	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	471693	474172	474681	473515	0.34	cps
Phosphorus	31-2	14308	14433	13557	14099	3.36	cps
Potassium	39-2	1306010	1287089	1295148	1296082	0.73	cps
Rhodium	103-1	5255509	5503760	5631703	5463658	3.50	cps
Rhodium	103-2	2460879	2458320	2440803	2453334	0.45	cps
Scandium	45-1	4229017	4432540	4538900	4400153	3.58	cps
Scandium	45-2	79516	79818	79976	79770	0.29	cps
Selenium	77-2	953	953	897	934	3.50	cps
Selenium	78-2	3404	3367	3280	3350	1.90	cps
Selenium	82-1	66554	66812	65933	66433	0.68	cps
Silicon	28-1	2962681	2966649	2932115	2953815	0.64	cps
Silver	109-1	4379972	4441141	4340937	4387350	1.15	cps
Silver	107-1	4764507	4739465	4736320	4746764	0.33	cps
Sodium	23-2	8595684	8666970	8614871	8625842	0.43	cps
Strontium	86-1	1426238	1412114	1433142	1423831	0.75	cps
Strontium	88-1	11929610	11992653	11883474	11935246	0.46	cps
Sulfur	34-1	965019	970814	960343	965392	0.54	cps
Terbium	159-1	6143113	6346215	6535615	6341648	3.10	cps
Terbium	159-2	2576301	2545333	2554792	2558809	0.62	cps
Thallium	203-1	2595778	2616813	2553545	2588712	1.24	cps
Thallium	205-1	6047237	6040578	5894260	5994025	1.44	cps
Tin	118-1	2850669	2859860	2840463	2850331	0.34	cps
Titanium	47-1	3155083	3135920	3088481	3126495	1.10	cps
Uranium	238-1	7246442	7331609	7163364	7247138	1.16	cps
Vanadium	51-2	674835	674695	673599	674376	0.10	cps
Yttrium	89-1	6223254	6438324	6591954	6417844	2.89	cps
Yttrium	89-2	453383	452008	453107	452833	0.16	cps
Zinc	66-2	302215	305367	304276	303953	0.53	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P8
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:22:33	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6237669	6327118	6248499	6271095	0.78	cps
Zirconium	91-1	1406331	1435392	1390273	1410666	1.62	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	985759	983042	985832	984878	0.16	cps
Antimony	121-1	4096075	4127157	4183881	4135704	1.08	cps
Arsenic	75-1	1297276	1305420	1305597	1302764	0.36	cps
Barium	135-1	4115860	4166065	4122201	4134709	0.66	cps
Barium	137-1	7154956	7199634	7259832	7204807	0.73	cps
Beryllium	9-1	967201	981588	969951	972913	0.79	cps
Bismuth	209-1	3344857	3313189	3250240	3302762	1.46	cps
Bismuth	209-2	1688551	1706191	1631181	1675308	2.34	cps
Boron	10-1	130783	133153	134878	132938	1.55	cps
Boron	11-1	631919	638441	642109	637490	0.81	cps
Cadmium	111-1	937744	930471	945060	937758	0.78	cps
Cadmium	106-1	103478	100129	103882	102496	2.01	cps
Cadmium	108-1	68879	69499	69696	69358	0.61	cps
Calcium	43-1	6059114	6056107	6133205	6082809	0.72	cps
Calcium	44-1	99231719	98830545	100554365	99538876	0.91	cps
Chromium	52-2	937514	931744	941124	936794	0.51	cps
Cobalt	59-2	1773706	1777485	1765955	1772382	0.33	cps
Copper	63-2	2726224	2724055	2706737	2719005	0.39	cps
Dysprosium	156-1	108	58	50	72	43.68	cps
Dysprosium	156-2	10	10	20	13	43.30	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	67	58	92	72	24.02	cps
Gadolinium	160-2	10	30	13	18	60.28	cps
Holmium	165-1	5962008	5928579	5821958	5904182	1.24	cps
Holmium	165-2	2484060	2501628	2435806	2473832	1.38	cps
Indium	115-1	5407946	5351597	5354609	5371384	0.59	cps
Indium	115-2	541875	543006	537609	540830	0.53	cps
Iron	56-2	160569692	160955542	161679876	161068370	0.35	cps
Iron	57-2	4000862	3991636	3976942	3989814	0.30	cps
Krypton	83-1	790	753	683	742	7.30	cps
Lead	206-1	1995239	1969002	1956733	1973658	1.00	cps
Lead	207-1	1823583	1808965	1803020	1811856	0.58	cps
Lead	208-1	8014281	7986169	7975248	7991899	0.25	cps
Lithium	6-1	1373004	1360191	1365083	1366093	0.47	cps
Magnesium	24-2	19052293	19088355	19038690	19059779	0.13	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	632409	633114	640049	635191	0.66	cps
Molybdenum	94-1	8048680	7994894	8070598	8038057	0.48	cps
Molybdenum	95-1	10163995	10111937	10195239	10157057	0.41	cps
Molybdenum	96-1	11210724	11070639	11146884	11142749	0.63	cps
Molybdenum	97-1	6374008	6386073	6393839	6384640	0.16	cps
Molybdenum	98-1	16313819	16060061	16186830	16186903	0.78	cps
Neodymium	150-1	240	333	273	282	16.76	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	484020	483623	479293	482312	0.54	cps
Phosphorus	31-2	14958	14683	14466	14703	1.68	cps
Potassium	39-2	6676350	6658350	6730519	6688407	0.56	cps
Rhodium	103-1	5343826	5178642	5256687	5259718	1.57	cps
Rhodium	103-2	2332881	2331490	2303708	2322693	0.71	cps
Scandium	45-1	4415127	4382540	4442228	4413298	0.68	cps
Scandium	45-2	79795	80029	80123	79983	0.21	cps
Selenium	77-2	1040	1037	1123	1067	4.60	cps
Selenium	78-2	3689	3508	3539	3579	2.71	cps
Selenium	82-1	66062	67239	66597	66633	0.88	cps
Silicon	28-1	2988699	2977257	3086570	3017509	1.99	cps
Silver	109-1	4275254	4269238	4323672	4289388	0.70	cps
Silver	107-1	4648804	4628923	4605790	4627839	0.47	cps
Sodium	23-2	44100149	43777478	44075919	43984515	0.41	cps
Strontium	86-1	1452881	1445354	1453369	1450535	0.31	cps
Strontium	88-1	12263983	12197571	12191385	12217646	0.33	cps
Sulfur	34-1	980716	962838	959057	967537	1.20	cps
Terbium	159-1	6211215	6223215	6116675	6183702	0.94	cps
Terbium	159-2	2477634	2481277	2466023	2474978	0.32	cps
Thallium	203-1	2521163	2529425	2485330	2511973	0.93	cps
Thallium	205-1	5932208	5850211	5854962	5879127	0.78	cps
Tin	118-1	2846371	2853429	2894666	2864822	0.91	cps
Titanium	47-1	3203556	3226311	3254611	3228160	0.79	cps
Uranium	238-1	7158621	7196180	7232416	7195739	0.51	cps
Vanadium	51-2	713954	709179	714433	712522	0.41	cps
Yttrium	89-1	6453936	6433714	6427396	6438349	0.22	cps
Yttrium	89-2	453880	457542	449966	453796	0.83	cps
Zinc	66-2	306170	307356	308005	307177	0.30	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCV64	Instrumnet Name :	P8
Client Sample ID :	CCV64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:25:49	DataFile Name :	026CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6391875	6393677	6424937	6403496	0.29	cps
Zirconium	91-1	1447854	1439690	1442949	1443498	0.28	cps

LB Number : LB100598 Operator : Jaswal
 Lab Sample ID : CCB64 Instrumnet Name : P8
 Client Sample ID : CCB64 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-30 15:33:26 DataFile Name : 027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	60	33	41	40.77	cps
Antimony	121-1	1058	1092	1383	1178	15.18	cps
Arsenic	75-1	839	812	980	877	10.25	cps
Barium	135-1	58	42	58	53	18.23	cps
Barium	137-1	25	33	33	31	15.74	cps
Beryllium	9-1	90	120	113	108	14.62	cps
Bismuth	209-1	3593288	3669114	3624502	3628968	1.05	cps
Bismuth	209-2	1870661	1871419	1870304	1870795	0.03	cps
Boron	10-1	1642	1734	1425	1600	9.90	cps
Boron	11-1	8219	8011	8278	8169	1.72	cps
Cadmium	111-1	1392	1274	1314	1327	4.52	cps
Cadmium	106-1	1950	1809	1884	1881	3.77	cps
Cadmium	108-1	21	0	13	11	94.37	cps
Calcium	43-1	1057	1033	1157	1082	6.05	cps
Calcium	44-1	42939	43160	43297	43132	0.42	cps
Chromium	52-2	1757	1737	1643	1712	3.53	cps
Cobalt	59-2	123	117	83	108	19.88	cps
Copper	63-2	883	857	843	861	2.37	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	100	58	64	52.72	cps
Gadolinium	160-2	20	17	7	14	48.02	cps
Holmium	165-1	6031765	6173114	6055580	6086820	1.24	cps
Holmium	165-2	2601474	2506841	2571752	2560023	1.89	cps
Indium	115-1	5790550	5930941	5809997	5843829	1.30	cps
Indium	115-2	583323	577093	577717	579378	0.59	cps
Iron	56-2	3934	3862	3917	3904	0.97	cps
Iron	57-2	183	139	150	157	14.69	cps
Krypton	83-1	817	803	733	784	5.71	cps
Lead	206-1	617	667	661	648	4.23	cps
Lead	207-1	694	533	583	604	13.66	cps
Lead	208-1	2789	2817	2917	2841	2.37	cps
Lithium	6-1	1423539	1462982	1465888	1450803	1.63	cps
Magnesium	24-2	400	342	467	403	15.53	cps

LB Number :	LB100598	Operator :	Jaswal
Lab Sample ID :	CCB64	Instrumnet Name :	P8
Client Sample ID :	CCB64	Dilution Factor :	1
Date & Time Acquired ::	2019-01-30 15:33:26	DataFile Name :	027CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113	97	103	104	8.03	cps
Molybdenum	94-1	500	375	342	406	20.58	cps
Molybdenum	95-1	467	475	392	444	10.33	cps
Molybdenum	96-1	475	475	525	492	5.87	cps
Molybdenum	97-1	417	258	300	325	25.25	cps
Molybdenum	98-1	850	517	617	661	25.87	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	107	80	77	88	18.73	cps
Phosphorus	31-2	33	25	50	36	35.25	cps
Potassium	39-2	9529	9162	10229	9640	5.63	cps
Rhodium	103-1	5754935	5874723	5716516	5782058	1.43	cps
Rhodium	103-2	2571959	2531148	2564201	2555769	0.85	cps
Scandium	45-1	4528583	4611497	4543119	4561066	0.97	cps
Scandium	45-2	81495	80080	80375	80650	0.93	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	9	6	6	45.85	cps
Selenium	82-1	-124	-100	-12	-79	-74.64	cps
Silicon	28-1	490390	496618	493378	493462	0.63	cps
Silver	109-1	433	433	483	450	6.41	cps
Silver	107-1	492	458	425	458	7.27	cps
Sodium	23-2	22302	21342	22786	22143	3.32	cps
Strontium	86-1	1133	950	1225	1103	12.70	cps
Strontium	88-1	150	83	133	122	28.39	cps
Sulfur	34-1	614943	614560	619398	616300	0.44	cps
Terbium	159-1	6392639	6462857	6432841	6429445	0.55	cps
Terbium	159-2	2569598	2549603	2557643	2558948	0.39	cps
Thallium	203-1	125	183	108	139	28.35	cps
Thallium	205-1	367	317	317	333	8.66	cps
Tin	118-1	575	625	633	611	5.16	cps
Titanium	47-1	267	217	250	244	10.41	cps
Uranium	238-1	33	33	67	44	43.30	cps
Vanadium	51-2	33	37	30	33	10.01	cps
Yttrium	89-1	6554505	6604119	6647084	6601903	0.70	cps
Yttrium	89-2	467371	461235	463304	463970	0.67	cps
Zinc	66-2	93	100	120	104	13.28	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	575	500	633	569	11.74	cps
Zirconium	91-1	117	167	133	139	18.33	cps