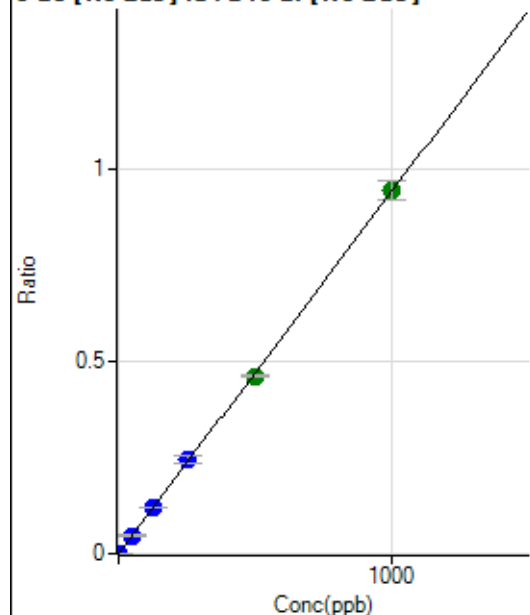


Batch Folder: D:\P8102318 MS.b\
Analysis File: P8102318 MS.batch.bin
DA Date-Time: 2018-10-23 19:16:39
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-23 17:55:50
2			
3	005CALS.d	S02	2018-10-23 18:02:33
4	006CALS.d	S03	2018-10-23 18:06:46
5	007CALS.d	S04	2018-10-23 18:10:28
6	008CALS.d	S05	2018-10-23 18:14:01
7	009CALS.d	S06	2018-10-23 18:17:29
8	010CALS.d	S07	2018-10-23 18:20:53
9	011CALS.d	S08	2018-10-23 18:24:11

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	140.74	0.0001	P	15.1
2	☐	0.100					
3	☐	1.000	1.063	2207.64	0.0011	P	4.1
4	☐	50.000	50.344	101127.66	0.0476	P	1.8
5	☐	125.000	125.559	253724.50	0.1185	P	1.2
6	☐	250.000	260.014	506893.62	0.2453	P	7.4
7	☐	500.000	490.001	992099.51	0.4623	A	1.4
8	☐	1000.000	1002.409	1973333.26	0.9456	A	5.3
9	☐			394.46	0.0002	P	3.4

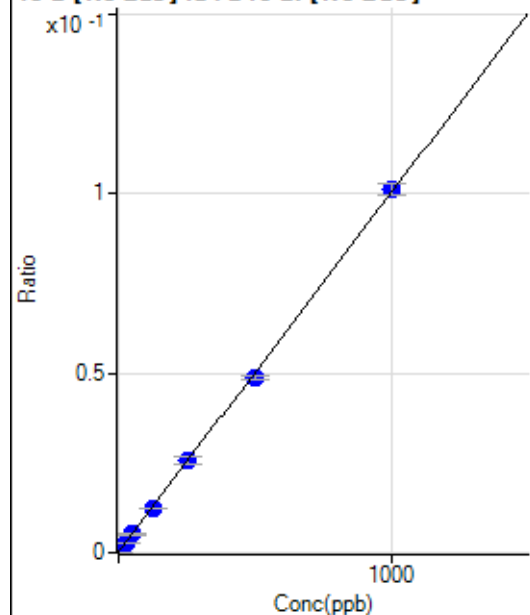
$$y = 9.4327\text{E-}004 * x + 6.8095\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.03264$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	508.36	0.0002	P	0.9
2	☐	2.500					
3	☐	25.000	23.911	5445.68	0.0026	P	4.9
4	☐	50.000	49.050	10965.75	0.0052	P	3.0
5	☐	125.000	120.787	26416.84	0.0123	P	2.7
6	☐	250.000	255.118	53235.90	0.0258	P	9.5
7	☐	500.000	484.665	104660.45	0.0488	P	2.3
8	☐	1000.000	1006.989	211069.00	0.1011	P	3.3
9	☐			11076.98	0.0047	P	10.6

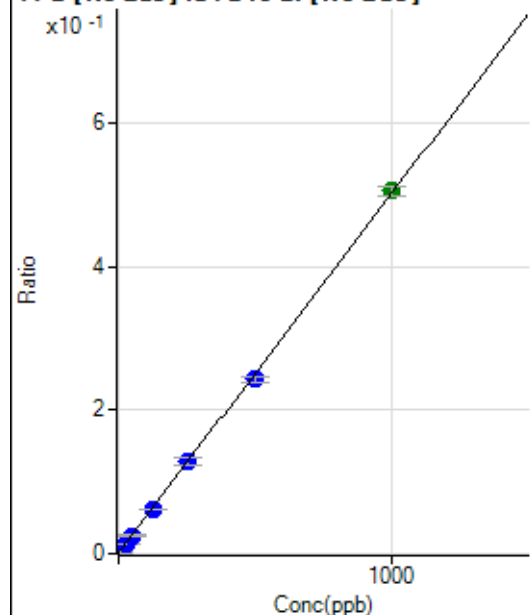
$$y = 1.0012\text{E-}004 * x + 2.4617\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.06459$$

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	2686.47	0.0013	P	13.2
2	☐	2.500					
3	☐	25.000	24.872	28323.37	0.0137	P	1.3
4	☐	50.000	47.982	53762.96	0.0253	P	3.7
5	☐	125.000	120.951	132224.15	0.0618	P	2.4
6	☐	250.000	252.716	263575.38	0.1276	P	8.5
7	☐	500.000	483.982	521914.51	0.2432	P	3.1
8	☐	1000.000	1007.940	1055102.47	0.5051	A	2.8
9	☐			51000.44	0.0217	P	10.7

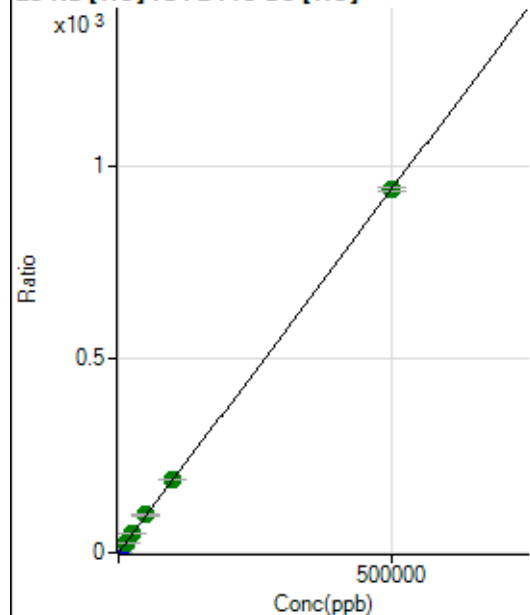
$$y = 4.9986\text{E-}004 * x + 0.0013$$

$$R = 0.9998$$

$$DL = 1.03$$

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	7135.45	0.1205	P	5.6
2	☐	50.000					
3	☐	500.000	537.828	65638.10	1.1300	P	2.5
4	☐	5000.000	5365.026	595255.72	10.1899	P	1.4
5	☐	12500.000	13508.542	1458247.19	25.4740	A	0.7
6	☐	25000.000	26630.027	2863024.78	50.1011	A	1.4
7	☐	50000.000	51816.151	5398489.01	97.3717	A	1.2
8	☐	100000.00	101169.95	11101038.44	190.0014	A	1.0
9	☐	500000.00	499473.99	53638532.45	937.5583	A	1.0

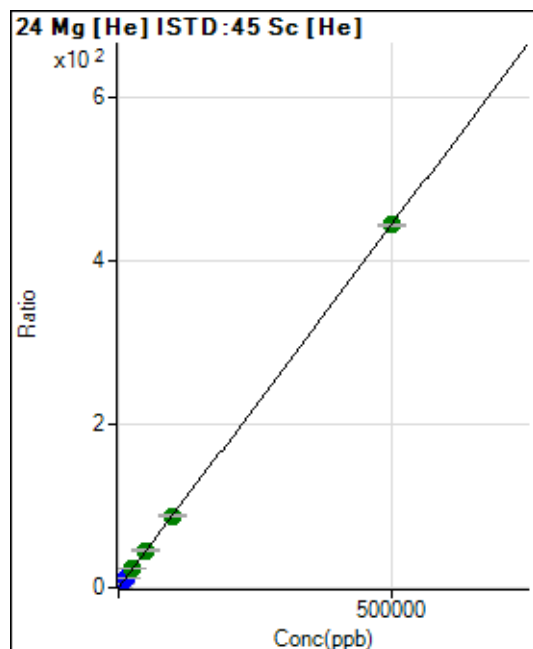
$$y = 0.0019 * x + 0.1205$$

$$R = 1.0000$$

$$DL = 10.88$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0015	P	27.2
2	☐	50.000					
3	☐	500.000	522.674	27006.93	0.4650	P	2.7
4	☐	5000.000	5248.874	271944.03	4.6557	P	2.0
5	☐	12500.000	13022.423	661072.91	11.5486	P	1.0
6	☐	25000.000	26399.302	1337709.72	23.4099	A	1.6
7	☐	50000.000	51450.036	2529376.83	45.6226	A	2.5
8	☐	100000.00	99247.413	5141633.06	88.0048	A	1.6
9	☐	500000.00	499919.97	25361489.63	443.2837	A	0.6

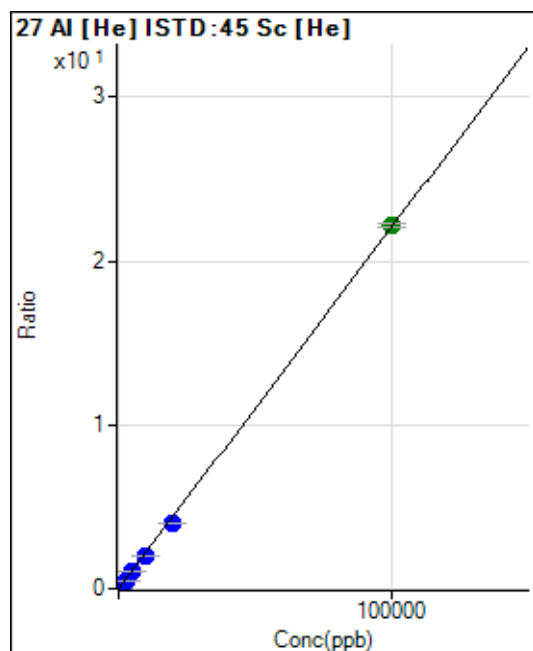
$$y = 8.8671\text{E-}004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 1.378$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	14.17	0.0002	P	35.4
2	☐	2.000					
3	☐	20.000	17.409	236.73	0.0041	P	13.6
4	☐	1000.000	947.673	12210.87	0.2091	P	3.0
5	☐	2500.000	2340.828	29543.07	0.5161	P	0.6
6	☐	5000.000	4667.253	58784.29	1.0288	P	2.1
7	☐	10000.000	9167.731	112021.77	2.0206	P	1.5
8	☐	20000.000	18139.140	233554.68	3.9976	P	1.7
9	☐	100000.00	100476.53	1266789.10	22.1425	A	1.2

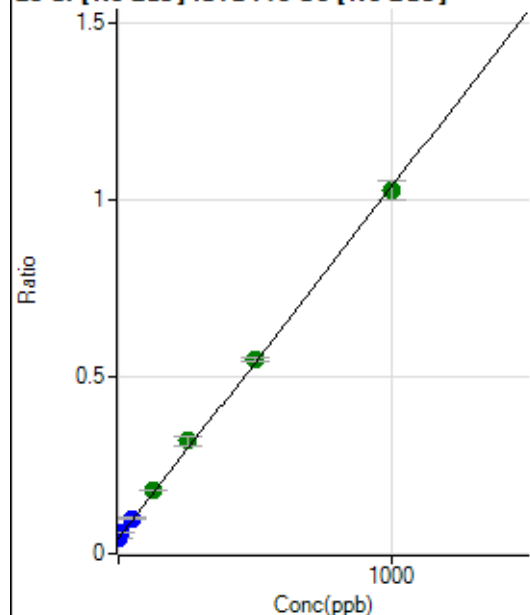
$$y = 2.2037\text{E-}004 * x + 2.3845\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.148$$

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	290051.35	0.0440	P	1.7
2	☐	1.000					
3	☐	10.000	16.266	393496.23	0.0601	P	0.6
4	☐	50.000	56.477	669855.28	0.1000	P	1.2
5	☐	125.000	136.988	1178356.54	0.1799	A	1.4
6	☐	250.000	276.370	2010916.17	0.3181	A	8.0
7	☐	500.000	507.049	3608338.93	0.5469	A	1.7
8	☐	1000.000	987.998	6602438.60	1.0240	A	5.3
9	☐			616619.37	0.0969	P	1.0

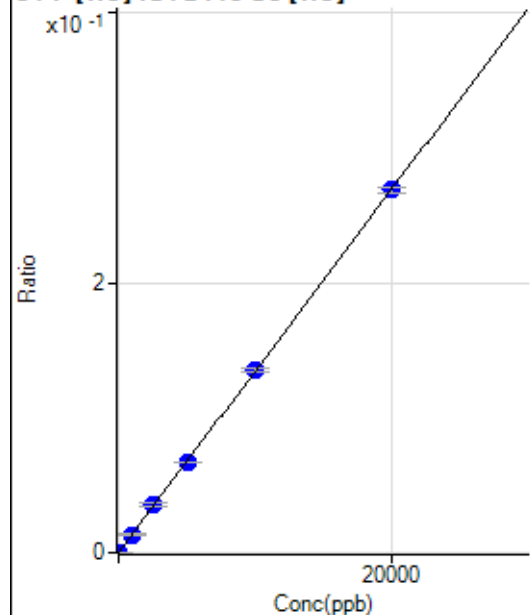
$$y = 9.9191\text{E-}004 * x + 0.0440$$

$$R = 0.9996$$

$$DL = 2.262$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-5.276	2.78	0.0000	P	173.2
2	☐	0.000					
3	☐	0.000	5.276	11.11	0.0002	P	86.6
4	☐	1000.000	978.917	775.06	0.0133	P	15.4
5	☐	2500.000	2650.406	2044.69	0.0357	P	7.2
6	☐	5000.000	4970.490	3822.91	0.0669	P	1.4
7	☐	10000.000	10008.685	7460.63	0.1346	P	2.1
8	☐	20000.000	19985.289	15692.69	0.2686	P	1.3
9	☐			27.78	0.0005	P	18.1

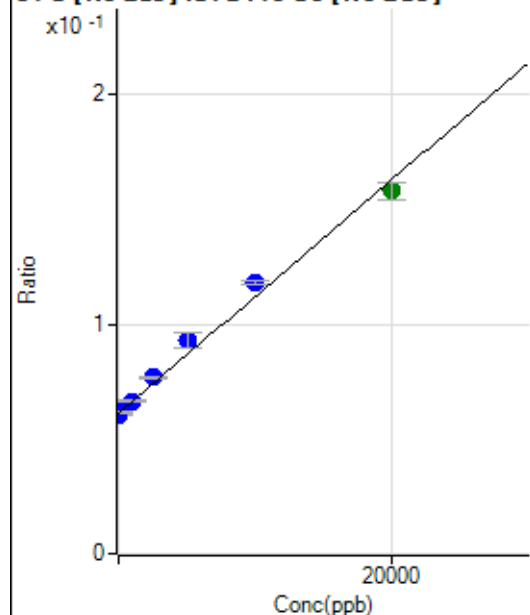
$$y = 1.3433\text{E-}005 * x + 1.1768\text{E-}004$$

$$R = 1.0000$$

$$DL = 27.29$$

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	-92.665	400627.27	0.0608	P	1.3
2	☐	0.000					
3	☐	0.000	92.665	403813.38	0.0617	P	1.5
4	☐	1000.000	1039.672	445578.44	0.0665	P	1.4
5	☐	2500.000	3105.725	504751.01	0.0770	P	1.1
6	☐	5000.000	6294.859	589959.18	0.0933	P	6.9
7	☐	10000.000	11126.194	777700.04	0.1179	P	1.5
8	☐	20000.000	19035.489	1019784.17	0.1581	A	5.1
9	☐			353768.40	0.0556	P	0.4

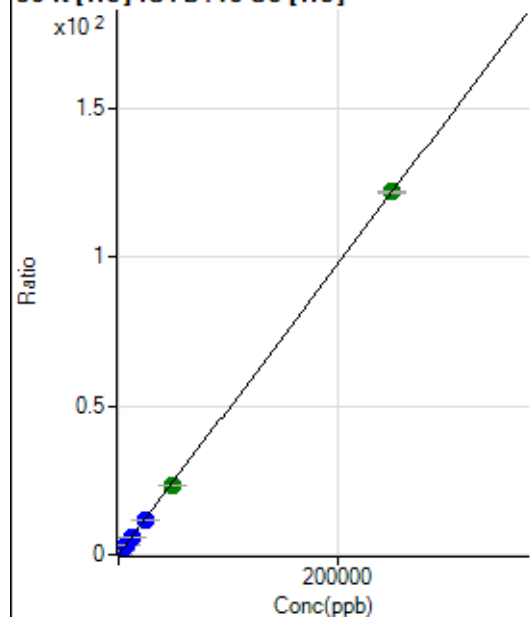
$$y = 5.0910\text{E-}006 * x + 0.0612$$

$$R = 0.9946$$

$$DL = 523.2$$

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	2908.77	0.0491	P	8.5
2	☐	50.000					
3	☐	500.000	513.940	17369.83	0.2988	P	1.6
4	☐	2500.000	2491.886	73578.82	1.2598	P	3.9
5	☐	6250.000	6152.693	173937.26	3.0385	P	0.8
6	☐	12500.000	12013.095	336343.92	5.8859	P	1.3
7	☐	25000.000	23969.676	648395.86	11.6952	P	1.4
8	☐	50000.000	47818.466	1360324.48	23.2826	A	0.9
9	☐	250000.00	250566.17	6968163.35	121.7917	A	0.8

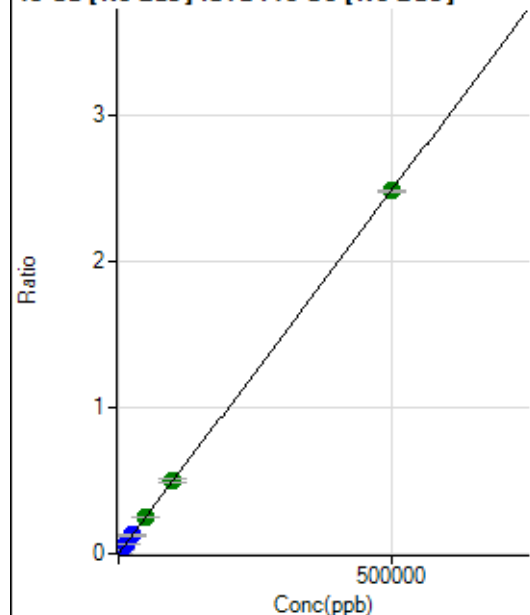
$$y = 4.8587\text{E-}004 * x + 0.0491$$

$$R = 1.0000$$

$$DL = 25.64$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	441.69	0.0001	P	12.3
2	☐	50.000					
3	☐	500.000	488.715	16335.04	0.0025	P	2.1
4	☐	5000.000	4997.829	166829.26	0.0249	P	0.7
5	☐	12500.000	12653.014	412442.17	0.0630	P	1.2
6	☐	25000.000	26037.194	818714.91	0.1295	P	7.4
7	☐	50000.000	50171.299	1645571.81	0.2494	A	2.0
8	☐	100000.00	101626.56	3257599.42	0.5052	A	5.1
9	☐	500000.00	499601.90	15804943.76	2.4833	A	0.5

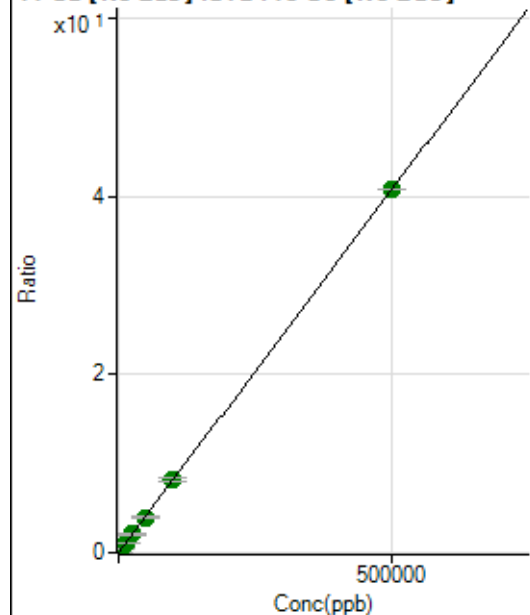
$$y = 4.9705E-006 * x + 6.7033E-005$$

$$R = 1.0000$$

$$DL = 4.971$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46637.17	0.0071	P	2.5
2	☐	50.000					
3	☐	500.000	487.751	305958.75	0.0468	P	0.4
4	☐	5000.000	4966.169	2753218.72	0.4111	A	1.0
5	☐	12500.000	12384.631	6646723.15	1.0146	A	0.7
6	☐	25000.000	25601.066	13212232.15	2.0898	A	7.6
7	☐	50000.000	48861.497	26272120.72	3.9820	A	1.0
8	☐	100000.00	99702.086	52339805.34	8.1180	A	5.5
9	☐	500000.00	500146.61	259004978.0	40.6947	A	0.1

$$y = 8.1351E-005 * x + 0.0071$$

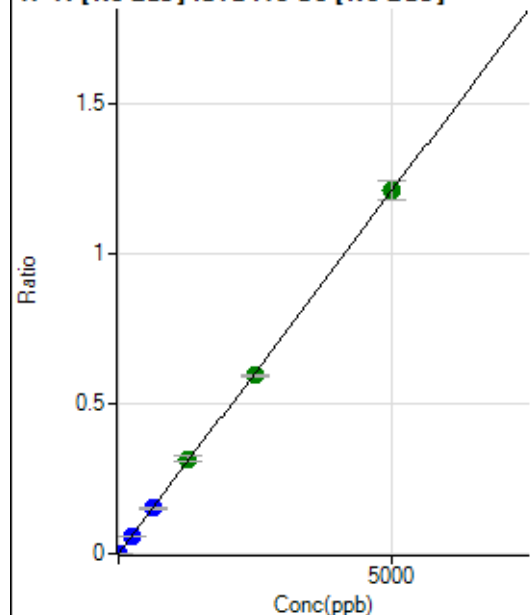
$$R = 1.0000$$

$$DL = 6.639$$

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	191.68	0.0000	P	32.3
2	☐	0.500					
3	☐	5.000	5.040	8147.21	0.0012	P	4.3
4	☐	250.000	246.592	398648.63	0.0595	P	1.2
5	☐	625.000	624.930	987914.77	0.1508	P	0.9
6	☐	1250.000	1312.341	2002112.56	0.3166	A	7.5
7	☐	2500.000	2458.242	3913047.35	0.5931	A	1.3
8	☐	5000.000	5005.473	7786936.89	1.2077	A	5.2
9	☐			3217.19	0.0005	P	3.7

$$y = 2.4126\text{E-}004 * x + 2.8979\text{E-}005$$

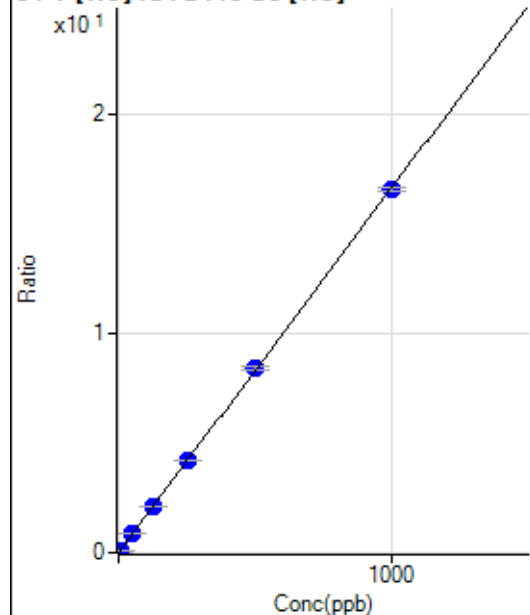
$$R = 0.9999$$

$$DL = 0.1165$$

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	17.78	0.0003	P	75.1
2	☐	0.500					
3	☐	5.000	5.104	4950.96	0.0853	P	6.5
4	☐	50.000	50.970	49598.83	0.8491	P	1.9
5	☐	125.000	128.305	122332.79	2.1371	P	1.0
6	☐	250.000	253.609	241358.51	4.2239	P	1.7
7	☐	500.000	507.107	468218.93	8.4456	P	1.6
8	☐	1000.000	995.082	968241.04	16.5722	P	1.1
9	☐			434.46	0.0076	P	11.2

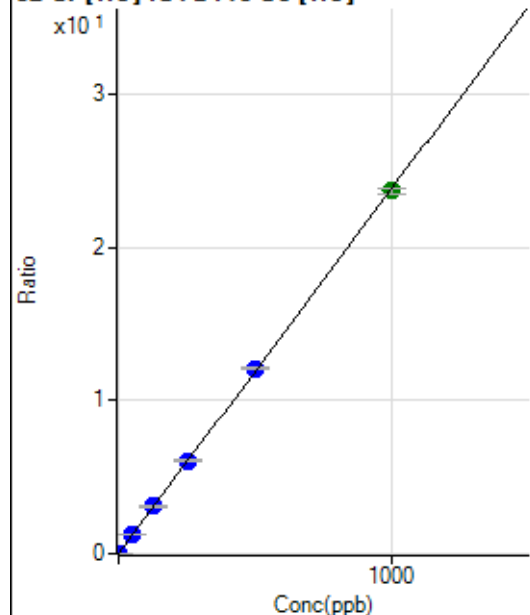
$$y = 0.0167 * x + 2.9789\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.04031$$

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	568.91	0.0096	P	19.2
2	☐	0.200					
3	☐	2.000	2.205	3609.42	0.0621	P	1.7
4	☐	50.000	51.727	72471.92	1.2408	P	2.2
5	☐	125.000	129.027	176339.57	3.0806	P	1.4
6	☐	250.000	255.073	347470.45	6.0806	P	1.3
7	☐	500.000	506.959	669496.42	12.0757	P	1.1
8	☐	1000.000	994.662	1383705.33	23.6834	A	1.9
9	☐			57015.60	0.9966	P	1.1

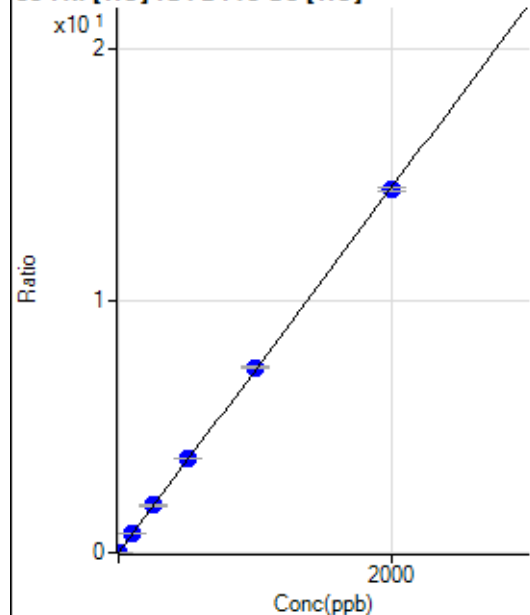
$$y = 0.0238 * x + 0.0096$$

$$R = 0.9999$$

$$DL = 0.2327$$

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	16.67	0.0003	P	60.0
2	☐	0.100					
3	☐	1.000	1.209	525.58	0.0091	P	7.1
4	☐	100.000	103.555	43888.96	0.7513	P	1.6
5	☐	250.000	258.498	107333.64	1.8751	P	1.5
6	☐	500.000	514.492	213246.55	3.7318	P	1.3
7	☐	1000.000	1015.734	408446.97	7.3671	P	1.1
8	☐	2000.000	1987.270	842112.67	14.4134	P	1.2
9	☐			5027.67	0.0879	P	2.7

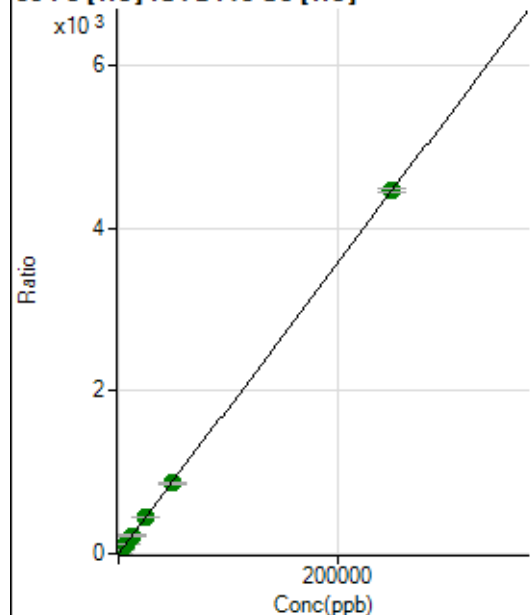
$$y = 0.0073 * x + 2.8216E-004$$

$$R = 0.9999$$

$$DL = 0.07001$$

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	851.91	0.0144	P	4.6
2	☐	5.000					
3	☐	50.000	52.896	55614.85	0.9575	P	2.9
4	☐	2500.000	2586.950	2695186.61	46.1395	A	1.6
5	☐	6250.000	6407.251	6540335.50	114.2551	A	0.8
6	☐	12500.000	12574.668	12812098.09	224.2197	A	1.9
7	☐	25000.000	24893.622	24608683.19	443.8656	A	1.2
8	☐	50000.000	48560.544	50587183.08	865.8449	A	1.4
9	☐	250000.00	250289.99	255314235.3	4,462.664	A	1.0

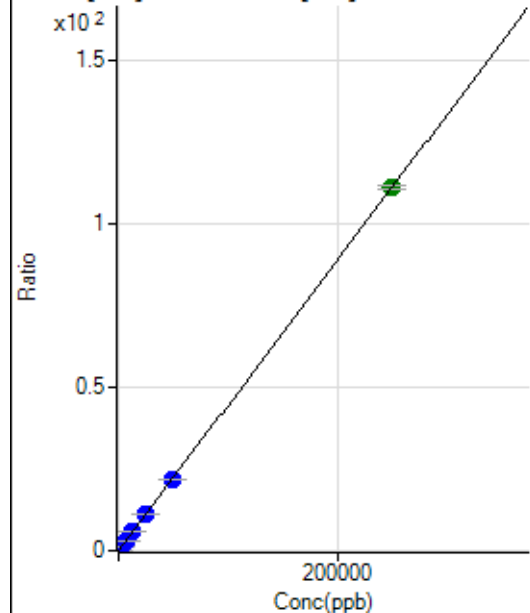
$$y = 0.0178 * x + 0.0144$$

$$R = 1.0000$$

$$DL = 0.1111$$

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	14.82	0.0002	P	56.9
2	☐	5.000					
3	☐	50.000	53.383	1390.85	0.0239	P	8.2
4	☐	2500.000	2579.864	66876.83	1.1452	P	3.5
5	☐	6250.000	6454.761	163993.27	2.8648	P	1.0
6	☐	12500.000	12759.608	323572.96	5.6628	P	2.0
7	☐	25000.000	25201.285	620082.15	11.1843	P	0.8
8	☐	50000.000	49194.947	1275584.88	21.8325	P	1.0
9	☐	250000.00	250121.98	6350575.02	111.0018	A	1.1

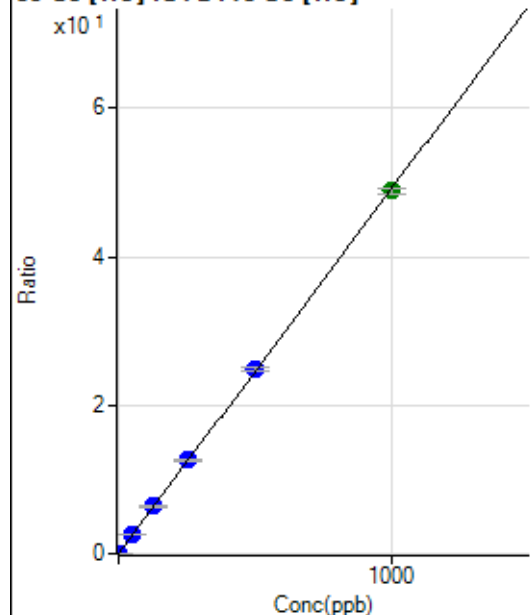
$$y = 4.4379E-004 * x + 2.4913E-004$$

$$R = 1.0000$$

$$DL = 0.9579$$

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	222.23	0.0038	P	12.1
2	☐	0.100					
3	☐	1.000	1.084	3312.67	0.0570	P	3.0
4	☐	50.000	52.003	149422.88	2.5581	P	1.8
5	☐	125.000	129.345	363898.77	6.3570	P	0.7
6	☐	250.000	256.554	720272.93	12.6053	P	1.9
7	☐	500.000	506.651	1379895.55	24.8897	P	1.3
8	☐	1000.000	994.393	2853889.23	48.8469	A	1.3
9	☐			4650.87	0.0813	P	6.3

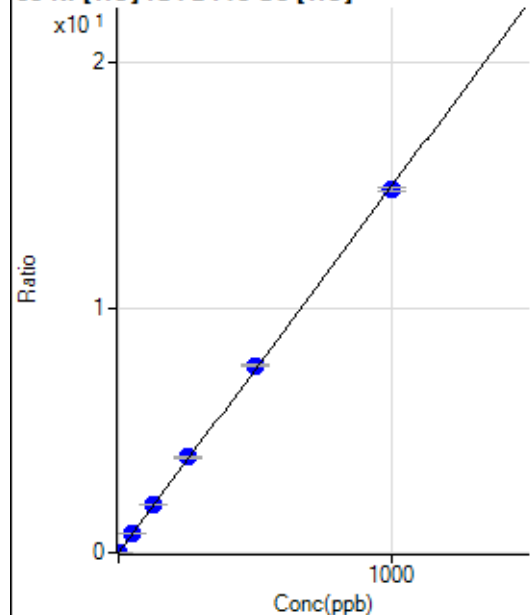
$$y = 0.0491 * x + 0.0038$$

$$R = 0.9999$$

$$DL = 0.02769$$

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	54.44	0.0009	P	20.9
2	☐	0.100					
3	☐	1.000	1.156	1057.84	0.0182	P	6.0
4	☐	50.000	53.889	47109.47	0.8066	P	2.8
5	☐	125.000	132.932	113819.31	1.9884	P	1.2
6	☐	250.000	261.393	223378.52	3.9090	P	1.3
7	☐	500.000	511.011	423626.18	7.6410	P	1.1
8	☐	1000.000	990.460	865244.46	14.8092	P	1.1
9	☐			23152.79	0.4047	P	1.8

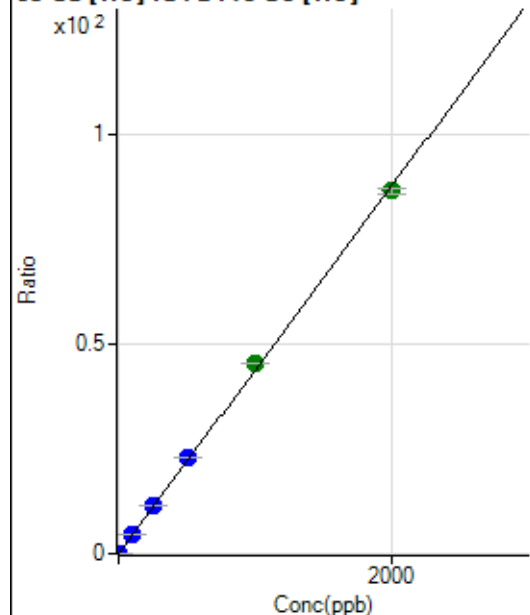
$$y = 0.0150 * x + 9.1826E-004$$

$$R = 0.9998$$

$$DL = 0.03852$$

Weight: <None>

Min Conc: 0

^{63}Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	564.47	0.0095	P	10.9
2	☐	0.200					
3	☐	2.000	2.146	6010.31	0.1035	P	3.9
4	☐	100.000	106.101	271960.02	4.6559	P	1.9
5	☐	250.000	265.022	664912.94	11.6154	P	0.4
6	☐	500.000	522.464	1307961.41	22.8893	P	1.5
7	☐	1000.000	1034.742	2512917.58	45.3230	A	0.6
8	☐	2000.000	1974.830	5053204.54	86.4913	A	1.6
9	☐			13445.59	0.2350	P	2.0

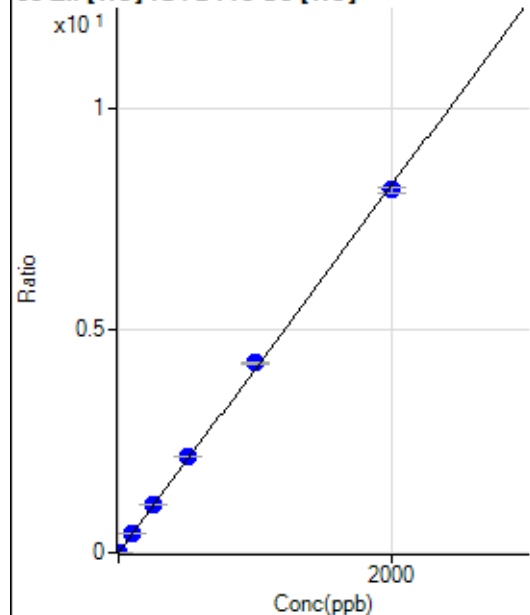
$$y = 0.0438 * x + 0.0095$$

$$R = 0.9997$$

$$DL = 0.07093$$

Weight: <None>

Min Conc: 0

 ^{66}Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	118.89	0.0020	P	15.0
2	☐	0.200					
3	☐	2.000	2.662	754.48	0.0130	P	0.7
4	☐	100.000	106.190	25701.79	0.4400	P	1.8
5	☐	250.000	265.176	62727.76	1.0958	P	0.6
6	☐	500.000	523.239	123439.57	2.1602	P	1.3
7	☐	1000.000	1032.548	236237.23	4.2608	P	1.0
8	☐	2000.000	1975.709	476223.03	8.1510	P	1.5
9	☐			6503.87	0.1137	P	0.5

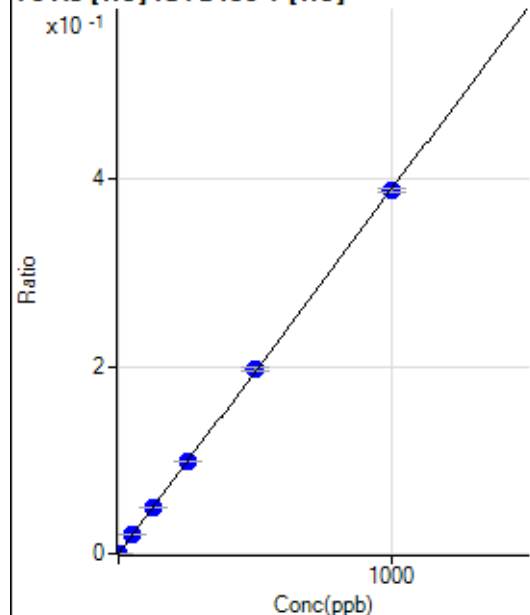
$$y = 0.0041 * x + 0.0020$$

$$R = 0.9997$$

$$DL = 0.2183$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	10.49	0.0000	P	20.0
2	☐	0.100					
3	☐	1.000	1.115	187.66	0.0005	P	3.0
4	☐	50.000	51.444	8137.03	0.0200	P	2.1
5	☐	125.000	125.078	19690.65	0.0487	P	0.6
6	☐	250.000	252.940	39144.87	0.0985	P	1.8
7	☐	500.000	506.626	76432.67	0.1972	P	1.3
8	☐	1000.000	995.870	157898.66	0.3876	P	1.2
9	☐			77.78	0.0002	P	2.4

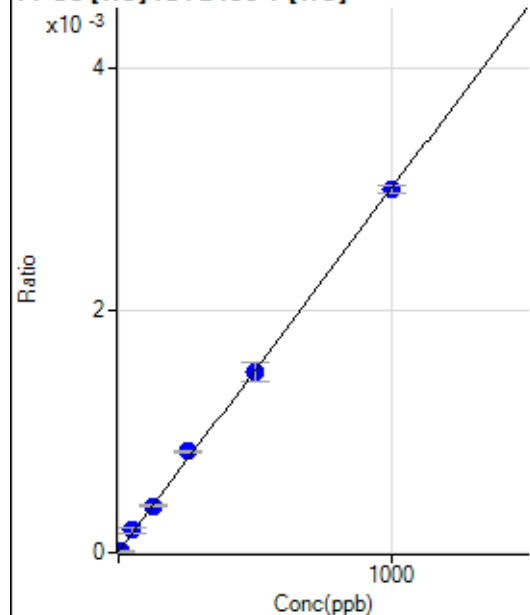
$$y = 3.8918\text{E-}004 * x + 2.5681\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03953$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3.33	0.0000	P	100.7
2	☐	0.500					
3	☐	5.000	0.853	4.44	0.0000	P	115.1
4	☐	50.000	58.573	74.45	0.0002	P	28.1
5	☐	125.000	125.755	155.56	0.0004	P	2.9
6	☐	250.000	275.373	331.12	0.0008	P	1.9
7	☐	500.000	495.086	577.80	0.0015	P	10.9
8	☐	1000.000	995.611	1217.85	0.0030	P	2.1
9	☐			2.22	0.0000	P	86.6

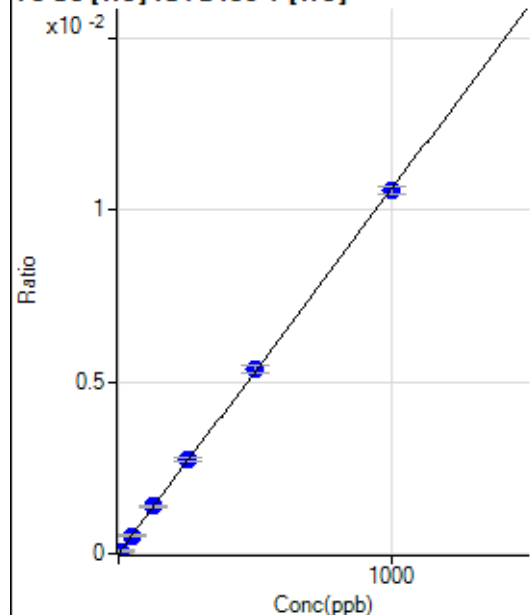
$$y = 2.9941\text{E-}006 * x + 8.2066\text{E-}006$$

$$R = 0.9996$$

$$DL = 8.282$$

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	1.85	0.0000	P	100.7
2	☐	0.500					
3	☐	5.000	5.501	25.92	0.0001	P	78.7
4	☐	50.000	49.405	214.20	0.0005	P	10.6
5	☐	125.000	129.227	555.57	0.0014	P	6.4
6	☐	250.000	259.049	1093.27	0.0028	P	4.4
7	☐	500.000	504.471	2074.25	0.0054	P	4.3
8	☐	1000.000	995.001	4298.24	0.0106	P	2.1
9	☐			5.55	0.0000	P	58.1

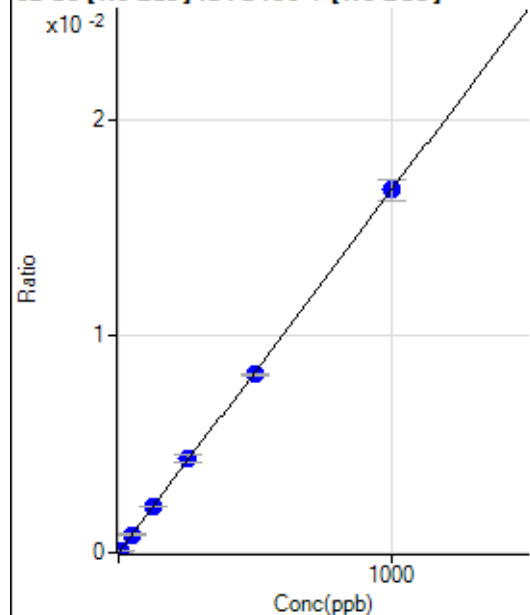
$$y = 1.0599\text{E-}005 * x + 4.5546\text{E-}006$$

$$R = 0.9999$$

$$DL = 1.298$$

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	-4.69	0.0000	P	-1409.
2	☐	0.500					
3	☐	5.000	5.451	949.78	0.0001	P	4.9
4	☐	50.000	50.406	9006.56	0.0008	P	0.5
5	☐	125.000	126.786	22526.84	0.0021	P	0.6
6	☐	250.000	259.523	45165.04	0.0043	P	6.9
7	☐	500.000	492.526	89285.95	0.0082	P	1.3
8	☐	1000.000	1001.111	177781.19	0.0168	P	5.9
9	☐			165.02	0.0000	P	33.7

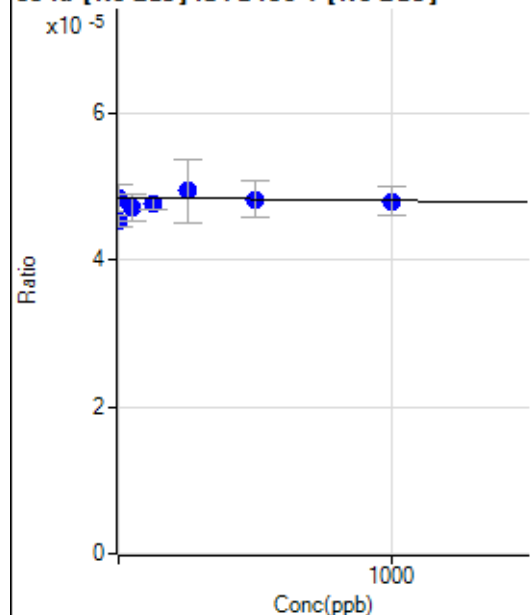
$$y = 1.6741\text{E-}005 * x - 4.0572\text{E-}007$$

$$R = 0.9999$$

$$DL = 1.025$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	513.35	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	7617.438	473.35	0.0000	P	4.0
4	☐	50.000	3206.922	503.35	0.0000	P	7.6
5	☐	125.000	2043.321	505.58	0.0000	P	3.8
6	☐	250.000	-2121.754	511.13	0.0000	P	17.6
7	☐	500.000	600.119	522.24	0.0000	P	10.0
8	☐	1000.000	1137.627	508.91	0.0000	P	7.9
9	☐			488.91	0.0000	P	5.5

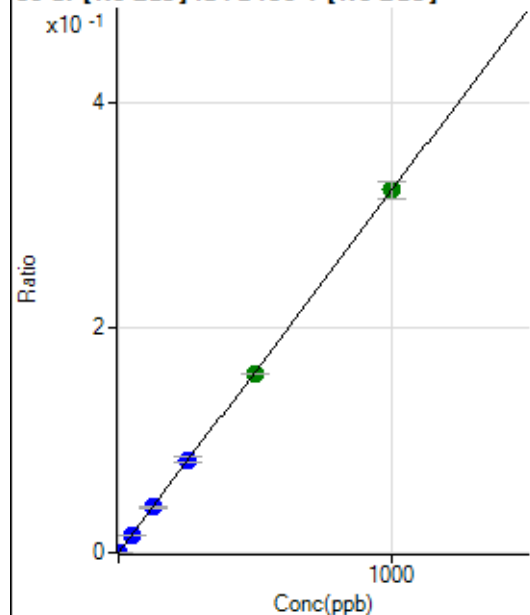
$$y = -4.1956E-010 * x + 4.8485E-005$$

$$R = 0.3132$$

$$DL = -2.566E+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	802.84	0.0001	P	6.3
2	☐	0.100					
3	☐	1.000	1.019	4220.27	0.0004	P	3.3
4	☐	50.000	49.430	170702.81	0.0160	P	1.7
5	☐	125.000	124.703	426896.10	0.0402	P	0.9
6	☐	250.000	257.045	860972.64	0.0828	P	6.9
7	☐	500.000	493.018	1719433.15	0.1588	A	0.6
8	☐	1000.000	1001.795	3422721.74	0.3225	A	4.8
9	☐			17778.87	0.0018	P	0.9

$$y = 3.2188E-004 * x + 7.5867E-005$$

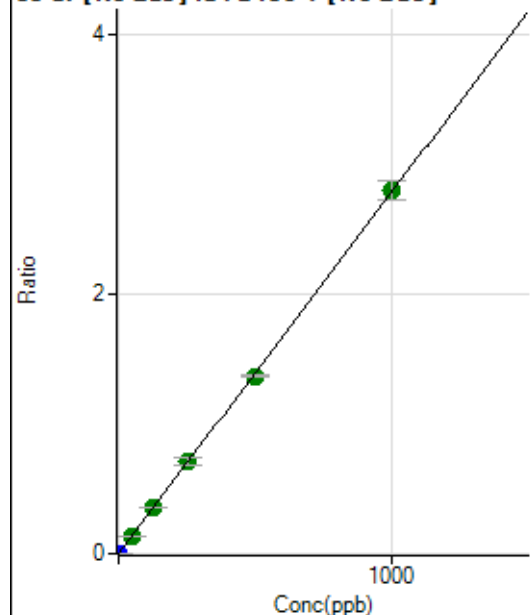
$$R = 0.9999$$

$$DL = 0.04454$$

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	75.01	0.0000	P	28.3
2	☐	0.100					
3	☐	1.000	1.048	30540.54	0.0029	P	4.1
4	☐	50.000	50.145	1490259.01	0.1396	A	0.3
5	☐	125.000	125.438	3705745.79	0.3491	A	0.2
6	☐	250.000	255.065	7378912.84	0.7098	A	7.2
7	☐	500.000	489.906	14764600.68	1.3634	A	1.1
8	☐	1000.000	1003.719	29638209.34	2.7933	A	5.2
9	☐			148759.39	0.0150	P	0.6

$$y = 0.0028 * x + 7.0746E-006$$

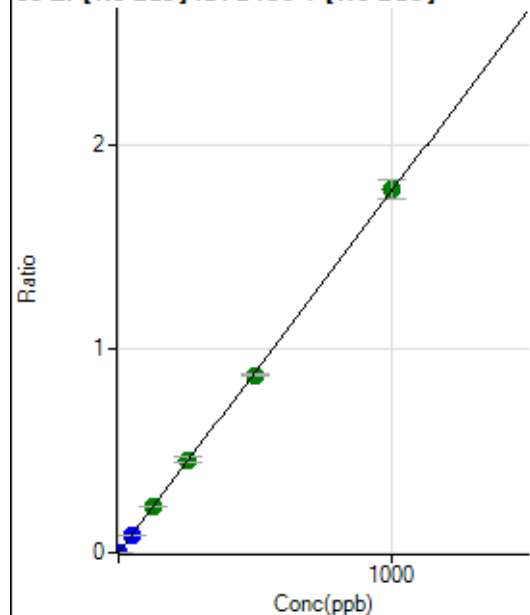
$$R = 0.9999$$

$$DL = 0.002159$$

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	813.96	0.0001	P	3.6
2	☐	0.100					
3	☐	1.000	0.930	18018.16	0.0017	P	1.5
4	☐	50.000	49.126	929992.72	0.0871	P	1.3
5	☐	125.000	125.894	2368025.79	0.2231	A	1.1
6	☐	250.000	256.182	4719885.13	0.4539	A	6.2
7	☐	500.000	489.554	9391478.68	0.8672	A	1.1
8	☐	1000.000	1003.610	18862444.52	1.7778	A	5.3
9	☐			11332.98	0.0011	P	0.8

$$y = 0.0018 * x + 7.6928E-005$$

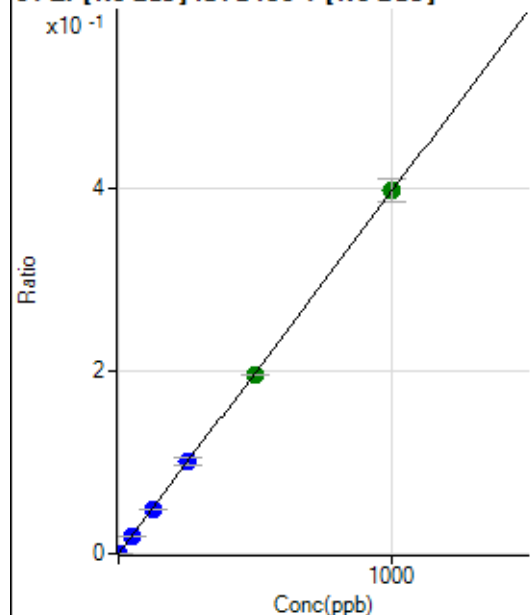
$$R = 0.9999$$

$$DL = 0.004665$$

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	197.23	0.0000	P	27.7
2	☐	0.100					
3	☐	1.000	0.933	4064.66	0.0004	P	2.6
4	☐	50.000	48.799	206984.93	0.0194	P	0.5
5	☐	125.000	123.861	521953.70	0.0492	P	0.5
6	☐	250.000	255.314	1053455.46	0.1013	P	7.0
7	☐	500.000	493.668	2121713.57	0.1959	A	0.7
8	☐	1000.000	1002.040	4217792.67	0.3977	A	6.3
9	☐			2528.13	0.0003	P	9.7

$$y = 3.9682\text{E-}004 * x + 1.8620\text{E-}005$$

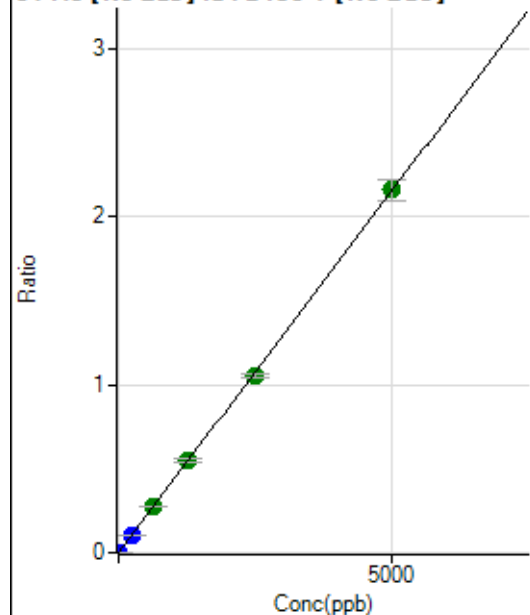
$$R = 1.0000$$

$$DL = 0.03898$$

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	444.47	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	4.952	22719.73	0.0022	P	2.2
4	☐	250.000	247.634	1138646.43	0.1066	P	1.0
5	☐	625.000	630.733	2882429.30	0.2715	A	0.5
6	☐	1250.000	1277.671	5720457.38	0.5500	A	5.9
7	☐	2500.000	2448.021	11411300.34	1.0538	A	1.4
8	☐	5000.000	5018.473	22916377.42	2.1602	A	5.7
9	☐			28444.67	0.0029	P	1.0

$$y = 4.3044\text{E-}004 * x + 4.2019\text{E-}005$$

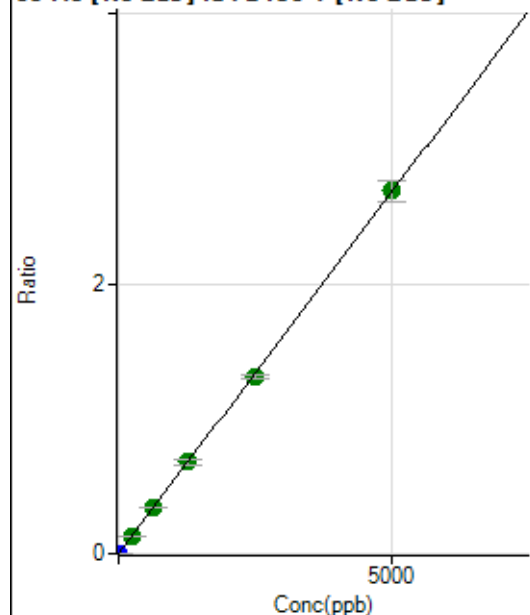
$$R = 0.9999$$

$$DL = 0.04298$$

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	305.57	0.0000	P	14.5
2	☐	0.500					
3	☐	5.000	4.968	28102.41	0.0027	P	2.0
4	☐	250.000	248.840	1423008.76	0.1333	A	1.9
5	☐	625.000	629.654	3579188.79	0.3372	A	0.1
6	☐	1250.000	1274.605	7096915.18	0.6825	A	6.4
7	☐	2500.000	2447.116	14189233.65	1.3103	A	1.7
8	☐	5000.000	5019.767	28514770.78	2.6878	A	5.7
9	☐			45753.20	0.0046	P	2.7

$$y = 5.3544\text{E-}004 * x + 2.8848\text{E-}005$$

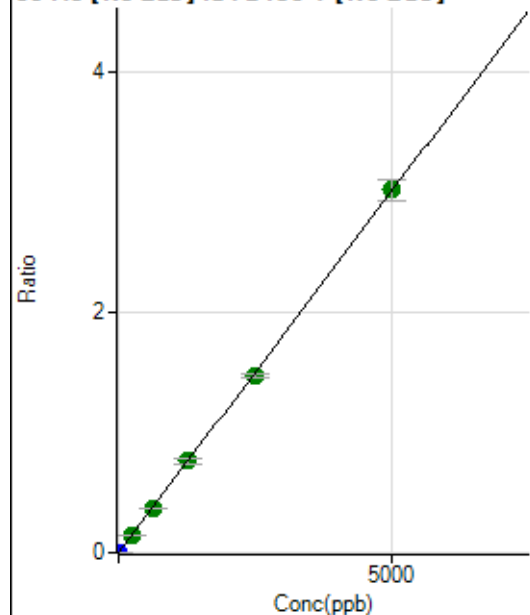
$$R = 0.9999$$

$$DL = 0.02341$$

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	319.46	0.0000	P	13.5
2	☐	0.500					
3	☐	5.000	4.968	31526.36	0.0030	P	0.8
4	☐	250.000	249.646	1602407.20	0.1501	A	1.5
5	☐	625.000	622.866	3974042.97	0.3744	A	0.5
6	☐	1250.000	1269.943	7936913.46	0.7633	A	6.3
7	☐	2500.000	2446.359	15921332.65	1.4703	A	1.8
8	☐	5000.000	5022.119	32018189.26	3.0183	A	5.9
9	☐			50182.56	0.0050	P	0.8

$$y = 6.0099\text{E-}004 * x + 3.0204\text{E-}005$$

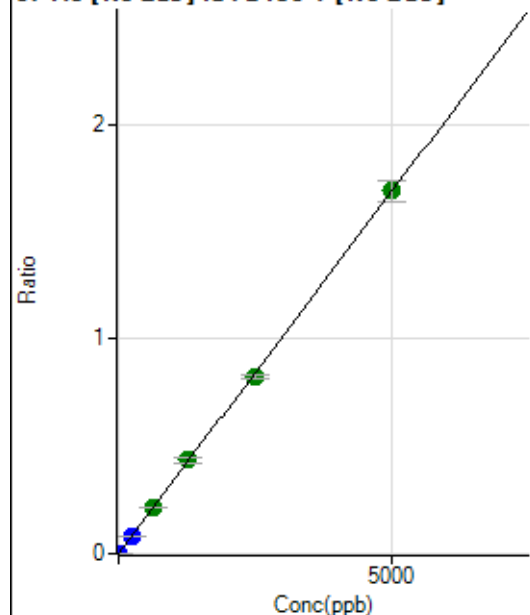
$$R = 0.9999$$

$$DL = 0.02031$$

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	250.01	0.0000	P	8.6
2	☐	0.500					
3	☐	5.000	5.005	17890.38	0.0017	P	2.4
4	☐	250.000	245.113	882987.62	0.0827	P	1.3
5	☐	625.000	632.579	2265000.88	0.2134	A	0.8
6	☐	1250.000	1290.296	4525029.96	0.4352	A	6.6
7	☐	2500.000	2455.360	8967564.44	0.8281	A	2.1
8	☐	5000.000	5011.543	17930797.27	1.6902	A	5.8
9	☐			27498.46	0.0028	P	2.5

$$y = 3.3727\text{E-}004 * x + 2.3622\text{E-}005$$

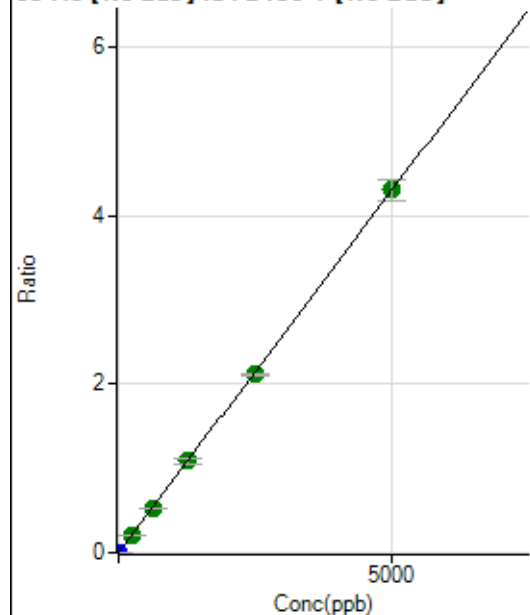
$$R = 0.9999$$

$$DL = 0.01801$$

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	425.03	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	5.026	45527.65	0.0044	P	0.7
4	☐	250.000	249.430	2287337.99	0.2142	A	1.3
5	☐	625.000	620.350	5654642.19	0.5327	A	0.7
6	☐	1250.000	1272.268	11360836.97	1.0924	A	6.2
7	☐	2500.000	2461.014	22883131.42	2.1131	A	1.4
8	☐	5000.000	5014.536	45676742.34	4.3056	A	5.7
9	☐			69475.83	0.0070	P	4.0

$$y = 8.5862\text{E-}004 * x + 4.0135\text{E-}005$$

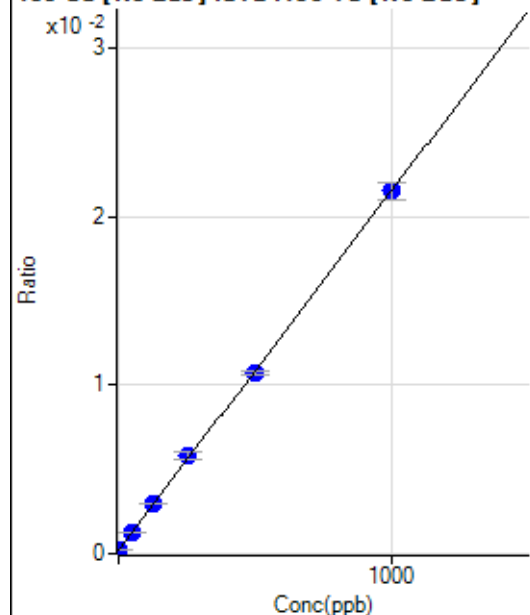
$$R = 0.9999$$

$$DL = 0.02356$$

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	2636.50	0.0002	P	11.6
2	☐	0.100					
3	☐	1.000	0.192	2678.17	0.0002	P	0.8
4	☐	50.000	51.338	17286.79	0.0013	P	1.8
5	☐	125.000	128.843	39915.65	0.0029	P	1.8
6	☐	250.000	263.711	77316.14	0.0058	P	7.5
7	☐	500.000	492.578	150700.37	0.0107	P	1.9
8	☐	1000.000	999.737	293739.60	0.0215	P	5.0
9	☐			2722.62	0.0002	P	7.0

$$y = 2.1324\text{E-}005 * x + 2.0179\text{E-}004$$

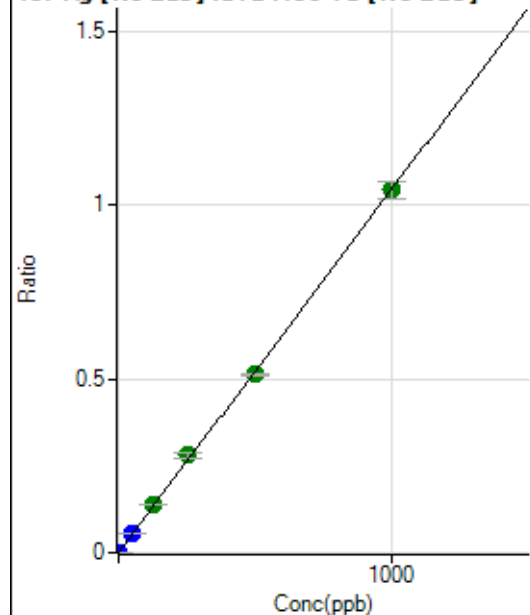
$$R = 0.9999$$

$$DL = 3.3$$

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	136.12	0.0000	P	30.7
2	☐	0.100					
3	☐	1.000	1.092	14986.75	0.0012	P	0.7
4	☐	50.000	52.579	732712.83	0.0550	P	1.7
5	☐	125.000	131.670	1862898.02	0.1376	A	1.1
6	☐	250.000	268.527	3726420.87	0.2807	A	6.9
7	☐	500.000	490.387	7215794.35	0.5126	A	1.5
8	☐	1000.000	999.212	14258410.04	1.0444	A	4.4
9	☐			2080.81	0.0002	P	5.3

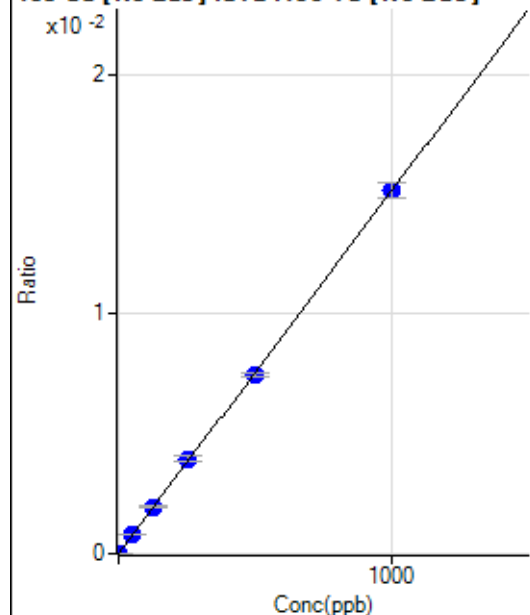
$$y = 0.0010 * x + 1.0423\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.009172$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	12.50	0.0000	P	57.3
2	☐	0.100					
3	☐	1.000	1.137	236.12	0.0000	P	4.9
4	☐	50.000	51.464	10387.52	0.0008	P	1.2
5	☐	125.000	129.241	26465.11	0.0020	P	2.1
6	☐	250.000	261.508	52542.43	0.0040	P	5.9
7	☐	500.000	492.277	104814.26	0.0074	P	1.5
8	☐	1000.000	1000.381	206550.62	0.0151	P	4.4
9	☐			61.11	0.0000	P	41.6

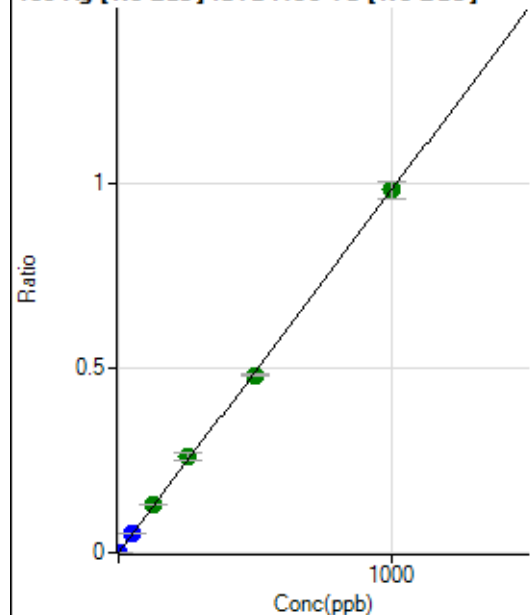
$$y = 1.5123\text{E-}005 * x + 9.5323\text{E-}007$$

$$R = 0.9999$$

$$DL = 0.1084$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	37.0
2	☐	0.100					
3	☐	1.000	1.088	14013.41	0.0011	P	1.8
4	☐	50.000	53.026	695111.01	0.0521	P	1.2
5	☐	125.000	130.656	1738960.74	0.1285	A	0.6
6	☐	250.000	265.307	3463920.39	0.2609	A	6.6
7	☐	500.000	489.714	6778737.74	0.4815	A	1.2
8	☐	1000.000	1000.458	13428892.66	0.9837	A	4.6
9	☐			1936.34	0.0002	P	16.1

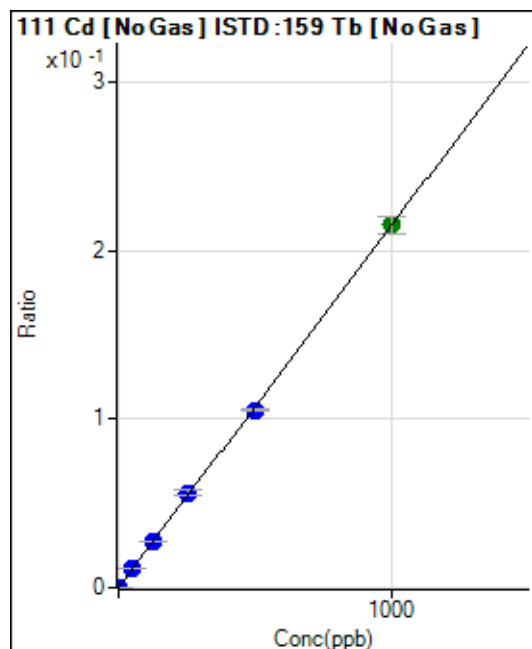
$$y = 9.8326\text{E-}004 * x + 7.2264\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.008149$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1906.25	0.0001	P	11.5
2	☐	0.100					
3	☐	1.000	1.002	4701.50	0.0004	P	3.1
4	☐	50.000	51.669	150051.04	0.0113	P	0.8
5	☐	125.000	127.239	372286.20	0.0275	P	1.0
6	☐	250.000	260.898	746745.29	0.0562	P	6.8
7	☐	500.000	490.567	1487022.61	0.1056	P	1.3
8	☐	1000.000	1001.628	2942261.73	0.2155	A	4.6
9	☐			2428.36	0.0002	P	6.1

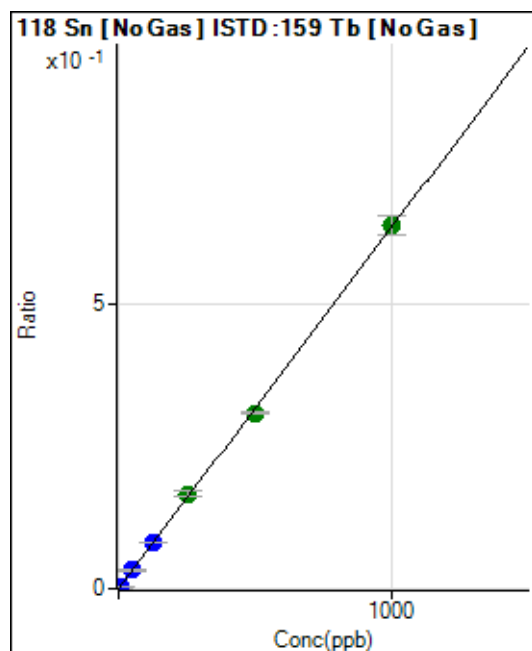
$$y = 2.1503\text{E-}004 * x + 1.4589\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.2333$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	425.03	0.0000	P	23.1
2	☐	0.500					
3	☐	5.000	5.135	42858.73	0.0033	P	1.8
4	☐	50.000	50.683	429617.53	0.0322	P	1.7
5	☐	125.000	126.046	1084185.47	0.0801	P	1.6
6	☐	250.000	261.424	2206021.43	0.1661	A	6.1
7	☐	500.000	485.973	4346763.86	0.3088	A	0.7
8	☐	1000.000	1003.992	8705426.07	0.6378	A	5.3
9	☐			12208.83	0.0010	P	3.6

$$y = 6.3527\text{E-}004 * x + 3.2576\text{E-}005$$

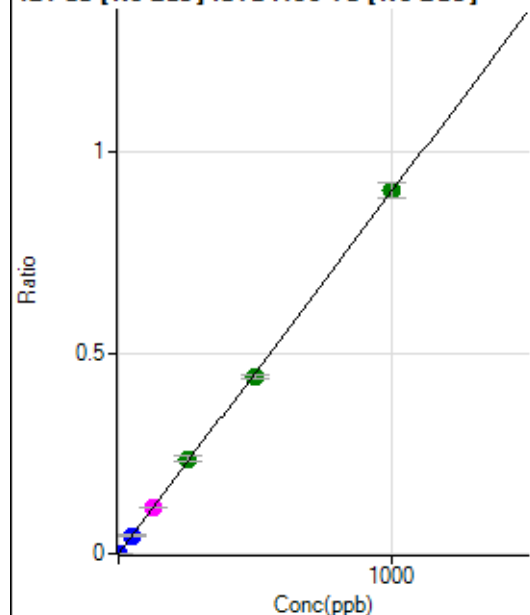
$$R = 0.9998$$

$$DL = 0.03557$$

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	291.69	0.0000	P	20.5
2	☐	0.200					
3	☐	2.000	2.032	24103.21	0.0019	P	1.5
4	☐	50.000	50.404	605591.27	0.0454	P	1.1
5	☐	125.000	125.230	1527310.29	0.1128	M	0.2
6	☐	250.000	261.690	3130099.66	0.2358	A	6.9
7	☐	500.000	488.702	6197934.69	0.4403	A	1.4
8	☐	1000.000	1002.678	12331872.33	0.9033	A	4.4
9	☐			30510.99	0.0024	P	3.9

$$y = 9.0086\text{E-}004 * x + 2.2283\text{E-}005$$

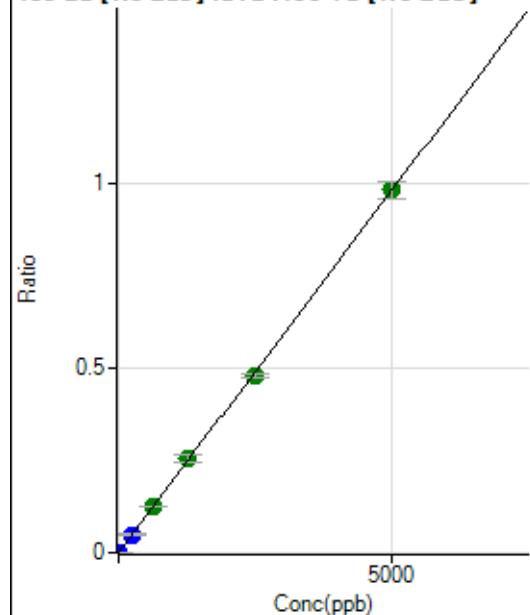
$$R = 0.9998$$

$$DL = 0.01519$$

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	69.45	0.0000	P	34.0
2	☐	1.000					
3	☐	10.000	10.282	26338.30	0.0020	P	1.0
4	☐	250.000	252.240	660401.70	0.0495	P	2.0
5	☐	625.000	634.768	1687493.20	0.1247	A	0.5
6	☐	1250.000	1298.031	3383573.12	0.2549	A	7.6
7	☐	2500.000	2446.546	6763974.50	0.4805	A	1.9
8	☐	5000.000	5013.386	13439402.38	0.9846	A	5.1
9	☐			3986.90	0.0003	P	6.9

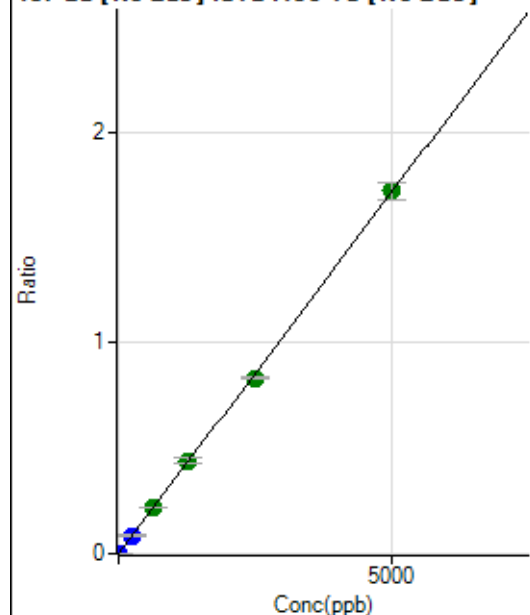
$$y = 1.9640\text{E-}004 * x + 5.3021\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.02754$$

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	152.78	0.0000	P	23.2
2	☐	1.000					
3	☐	10.000	10.125	45245.18	0.0035	P	1.6
4	☐	250.000	252.745	1153575.23	0.0865	P	1.7
5	☐	625.000	634.844	2942065.95	0.2174	A	0.3
6	☐	1250.000	1291.081	5865579.30	0.4420	A	8.0
7	☐	2500.000	2428.834	11706409.98	0.8315	A	0.9
8	☐	5000.000	5023.945	23477775.18	1.7200	A	4.9
9	☐			6649.17	0.0005	P	1.1

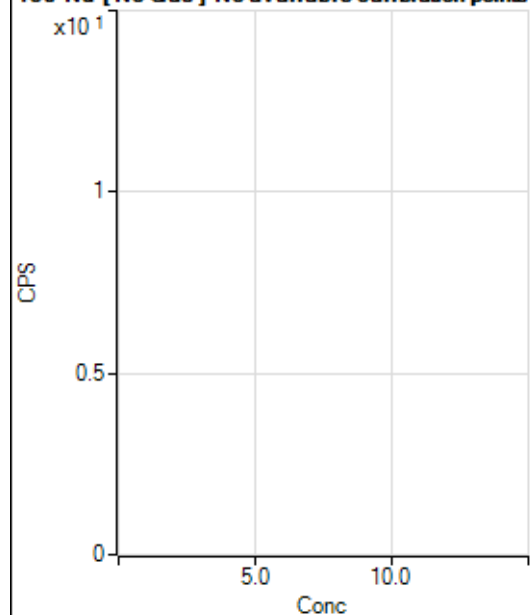
$$y = 3.4236E-004 * x + 1.1711E-005$$

$$R = 0.9998$$

$$DL = 0.0238$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			6.67		P	173.2
2	☐						
3	☐			8.89		P	43.3
4	☐			35.56		P	21.6
5	☐			88.89		P	11.5
6	☐			148.90		P	9.3
7	☐			326.68		P	8.2
8	☐			526.70		P	14.3
9	☐			188.90		P	23.5

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			2.22		P	86.6
6	☐			5.55		P	124.9
7	☐			8.89		P	78.1
8	☐			13.33		P	NaN
9	☐			41.11		P	12.4

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			11.11		P	86.6
4	☐			30.55		P	68.6
5	☐			30.56		P	15.7
6	☐			61.11		P	41.7
7	☐			72.23		P	37.1
8	☐			130.56		P	26.6
9	☐			94.45		P	22.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			2.22		P	86.6
4	☐			1.11		P	173.2
5	☐			3.33		P	173.2
6	☐			5.56		P	34.7
7	☐			10.00		P	33.3
8	☐			10.00		P	88.2
9	☐			33.33		P	10.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			100.01		P	14.4
2	☐						
3	☐			86.12		P	14.8
4	☐			63.89		P	41.9
5	☐			102.78		P	12.4
6	☐			91.67		P	15.7
7	☐			133.34		P	27.2
8	☐			119.45		P	31.5
9	☐			169.45		P	17.3

160 Gd [He] No available calibration points

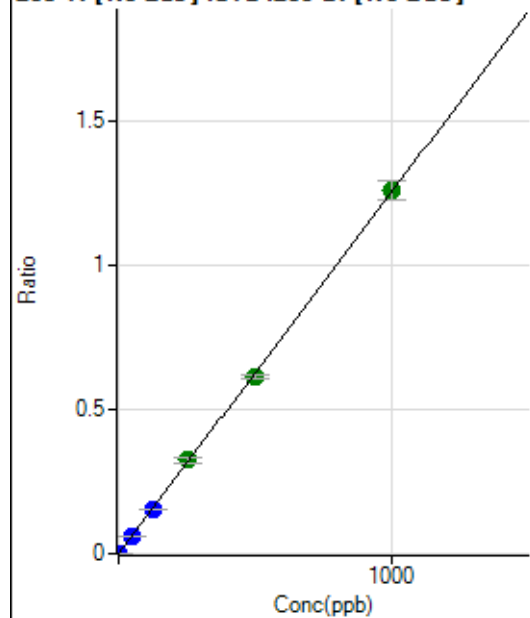
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			28.89		P	65.6
2	☐						
3	☐			13.33		P	25.0
4	☐			8.89		P	21.6
5	☐			14.44		P	58.1
6	☐			14.44		P	35.3
7	☐			26.66		P	21.7
8	☐			21.11		P	77.9
9	☐			46.67		P	31.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	13.3
2	☐						
3	☐			69.45		P	59.2
4	☐			61.12		P	34.3
5	☐			36.11		P	13.3
6	☐			55.56		P	22.9
7	☐			50.00		P	44.1
8	☐			58.34		P	28.6
9	☐			88.89		P	44.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5.56		P	34.7
2	☐						
3	☐			13.33		P	25.0
4	☐			14.45		P	48.0
5	☐			10.00		P	100.0
6	☐			14.45		P	74.2
7	☐			8.89		P	108.3
8	☐			16.67		P	NaN
9	☐			17.78		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	438.92	0.0001	P	20.7
2	☐	0.100					
3	☐	1.000	1.010	10571.53	0.0013	P	1.6
4	☐	50.000	48.057	506373.64	0.0604	P	1.5
5	☐	125.000	123.592	1297399.37	0.1553	P	1.1
6	☐	250.000	258.442	2663192.33	0.3247	A	7.0
7	☐	500.000	489.363	5281832.76	0.6147	A	1.5
8	☐	1000.000	1003.481	10412001.36	1.2604	A	5.3
9	☐			4798.36	0.0007	P	5.9

$$y = 0.0013 * x + 5.3824E-005$$

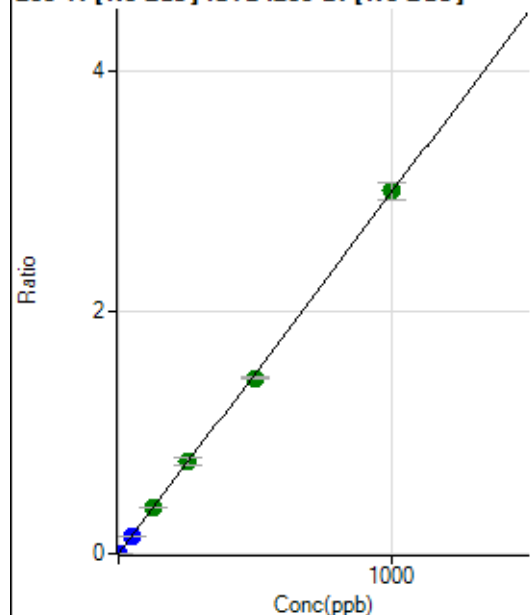
$$R = 0.9999$$

$$DL = 0.02658$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1000.09	0.0001	P	13.0
2	☐	0.100					
3	☐	1.000	0.999	24858.66	0.0031	P	1.7
4	☐	50.000	48.405	1214587.98	0.1449	P	1.9
5	☐	125.000	125.887	3147176.63	0.3767	A	0.7
6	☐	250.000	256.860	6302974.53	0.7685	A	7.3
7	☐	500.000	486.806	12513483.79	1.4563	A	1.4
8	☐	1000.000	1004.851	24833579.20	3.0059	A	4.9
9	☐			11761.50	0.0016	P	8.8

$$y = 0.0030 * x + 1.2259E-004$$

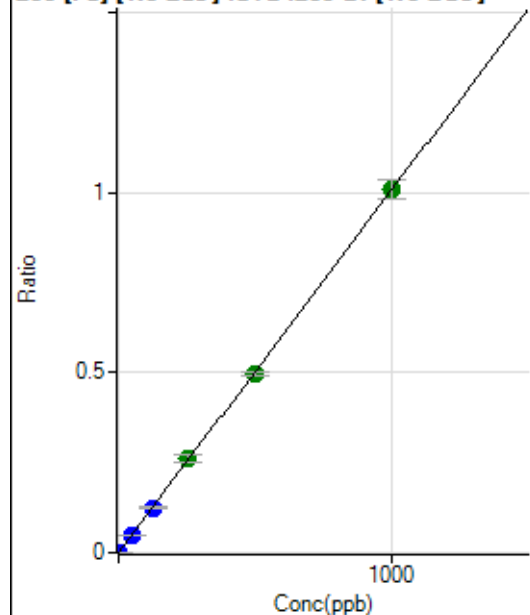
$$R = 0.9998$$

$$DL = 0.01599$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	605.59	0.0001	P	3.5
2	☐	0.100					
3	☐	1.000	1.044	8988.63	0.0011	P	0.7
4	☐	50.000	48.699	411312.89	0.0491	P	1.5
5	☐	125.000	124.288	1045441.00	0.1251	P	0.9
6	☐	250.000	259.983	2146121.10	0.2617	A	7.3
7	☐	500.000	493.338	4266081.00	0.4965	A	1.2
8	☐	1000.000	1000.989	8320739.02	1.0072	A	5.2
9	☐			14360.37	0.0020	P	1.3

$$y = 0.0010 * x + 7.4206E-005$$

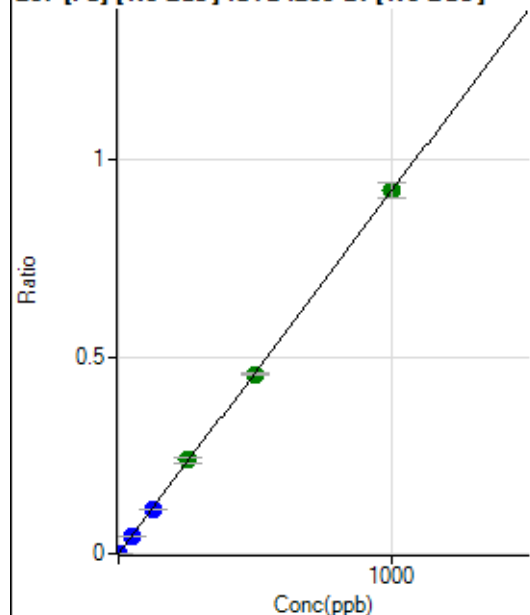
$$R = 0.9999$$

$$DL = 0.007748$$

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	609.29	0.0001	P	10.6
2	☐	0.100					
3	☐	1.000	1.019	8089.84	0.0010	P	2.7
4	☐	50.000	48.580	375274.79	0.0448	P	1.2
5	☐	125.000	123.568	950505.00	0.1138	P	1.1
6	☐	250.000	258.318	1950157.88	0.2377	A	7.1
7	☐	500.000	495.102	3914874.10	0.4556	A	1.3
8	☐	1000.000	1000.620	7607730.78	0.9207	A	4.4
9	☐			12191.39	0.0017	P	1.7

$$y = 9.2007\text{E-}004 * x + 7.4687\text{E-}005$$

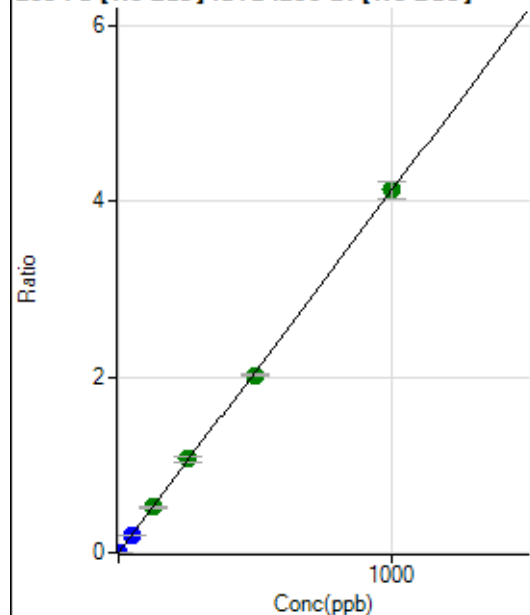
$$R = 0.9999$$

$$DL = 0.02587$$

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	2581.67	0.0003	P	2.8
2	☐	0.100					
3	☐	1.000	1.019	36030.19	0.0045	P	1.5
4	☐	50.000	48.702	1682030.38	0.2007	P	1.2
5	☐	125.000	124.876	4294898.22	0.5141	A	0.8
6	☐	250.000	258.596	8728539.22	1.0642	A	7.2
7	☐	500.000	490.745	17350558.09	2.0192	A	1.3
8	☐	1000.000	1002.559	34079879.00	4.1248	A	4.7
9	☐			56804.87	0.0079	P	0.7

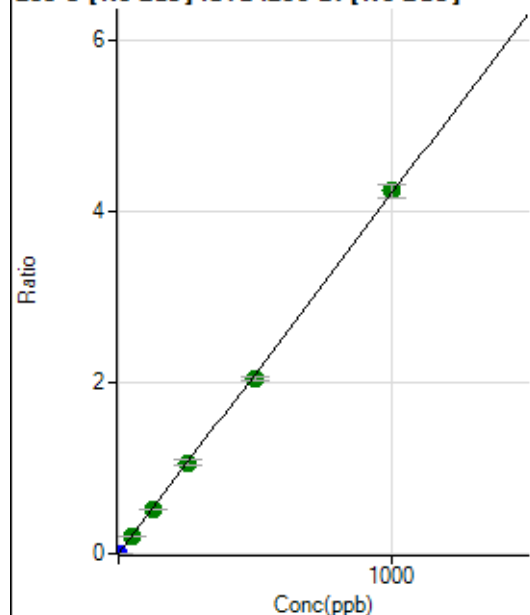
$$y = 0.0041 * x + 3.1638\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.006402$$

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	961.20	0.0001	P	14.0
2	☐	0.100					
3	☐	1.000	0.968	33512.90	0.0042	P	2.2
4	☐	50.000	48.057	1697006.16	0.2025	A	0.9
5	☐	125.000	122.913	4324802.09	0.5176	A	0.3
6	☐	250.000	251.214	8679468.94	1.0578	A	6.4
7	☐	500.000	484.198	17516353.17	2.0387	A	2.1
8	☐	1000.000	1007.955	35070603.91	4.2439	A	4.0
9	☐			7349.76	0.0010	P	4.0

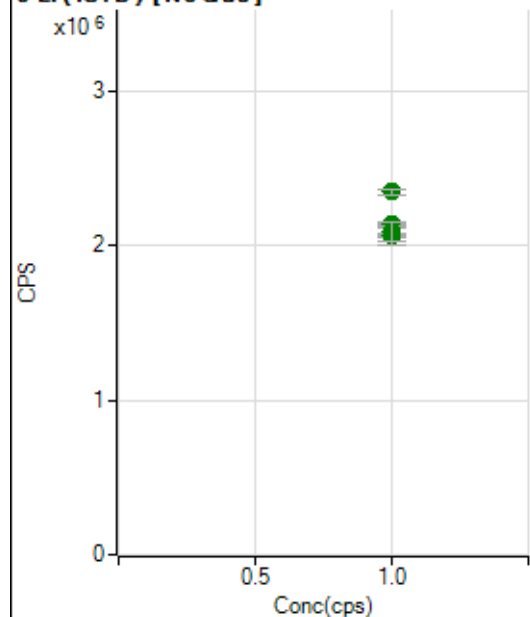
$$y = 0.0042 * x + 1.1783E-004$$

$$R = 0.9998$$

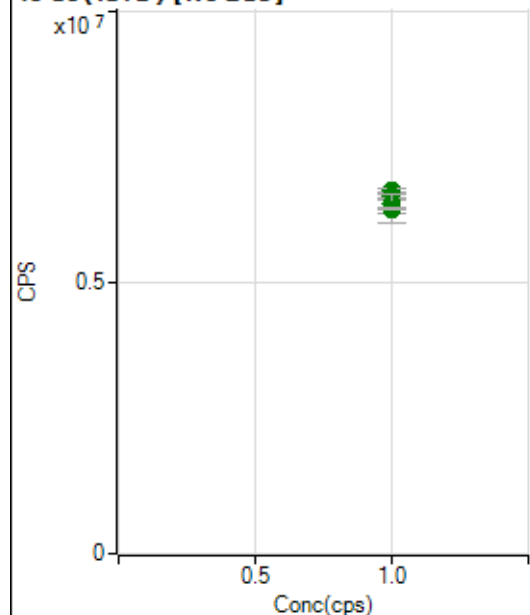
$$DL = 0.01174$$

Weight: <None>

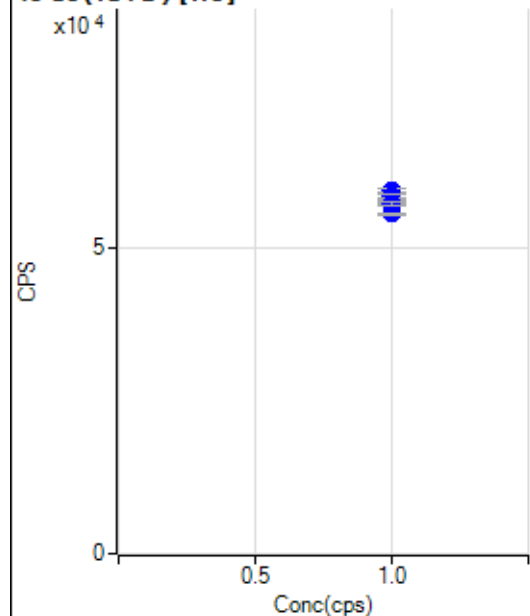
Min Conc: 0

6 Li (ISTD) [No Gas]

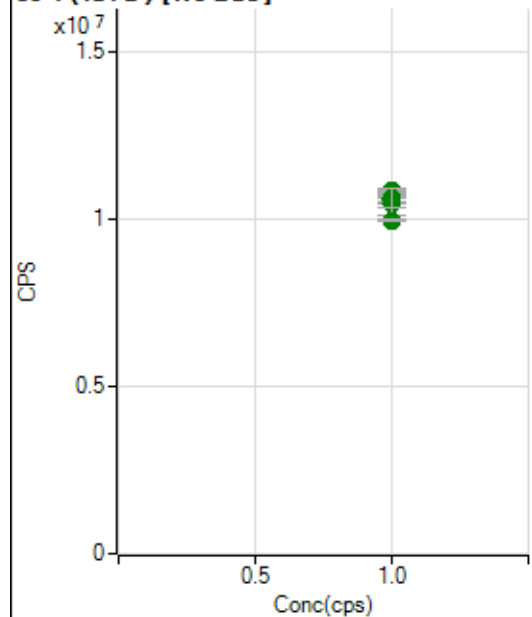
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2065156.48		A	0.9
2	☐	1.000					
3	☐	1.000		2062268.09		A	0.5
4	☐	1.000		2126703.39		A	1.0
5	☐	1.000		2141226.83		A	1.0
6	☐	1.000		2072608.98		A	6.3
7	☐	1.000		2146392.92		A	1.3
8	☐	1.000		2091043.09		A	5.7
9	☐	1.000		2349817.52		A	1.9

45 Sc (ISTD) [No Gas]

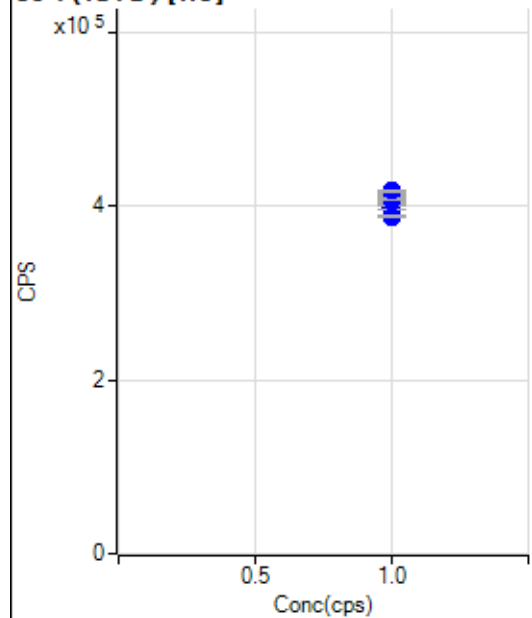
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6593614.34		A	1.5
2	☐	1.000					
3	☐	1.000		6544080.75		A	0.4
4	☐	1.000		6697982.10		A	1.0
5	☐	1.000		6551510.96		A	1.0
6	☐	1.000		6345034.17		A	7.1
7	☐	1.000		6598293.81		A	1.4
8	☐	1.000		6459784.82		A	5.3
9	☐	1.000		6364579.01		A	0.7

45 Sc (ISTD) [He]

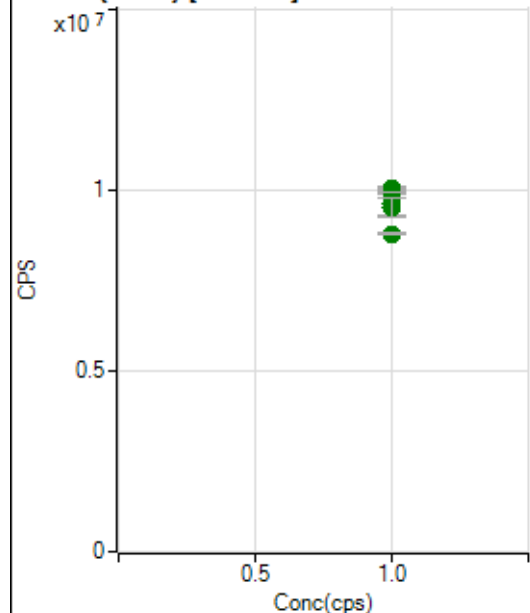
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		59232.02		P	1.5
2	☐	1.000					
3	☐	1.000		58117.43		P	3.1
4	☐	1.000		58427.77		P	2.2
5	☐	1.000		57245.01		P	0.6
6	☐	1.000		57151.26		P	1.5
7	☐	1.000		55444.74		P	1.0
8	☐	1.000		58429.71		P	0.9
9	☐	1.000		57214.90		P	1.1

89 Y (ISTD) [No Gas]

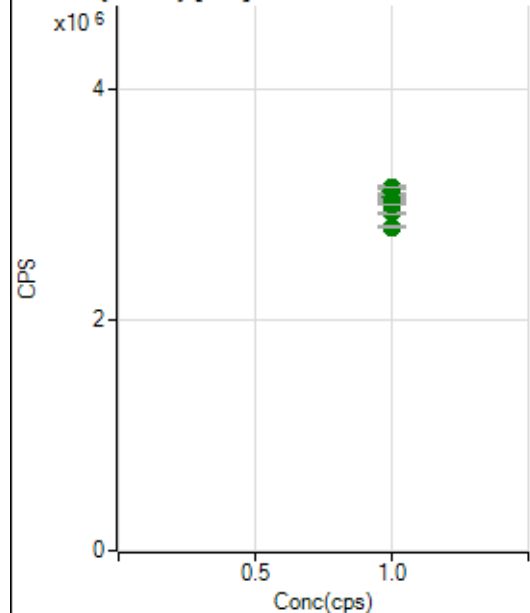
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10582604.56		A	1.0
2	☐	1.000					
3	☐	1.000		10452590.47		A	0.6
4	☐	1.000		10678556.79		A	0.6
5	☐	1.000		10615359.43		A	0.1
6	☐	1.000		10425957.69		A	6.2
7	☐	1.000		10829957.61		A	0.9
8	☐	1.000		10630134.43		A	5.3
9	☐	1.000		9939861.59		A	0.7

89 Y (ISTD) [He]

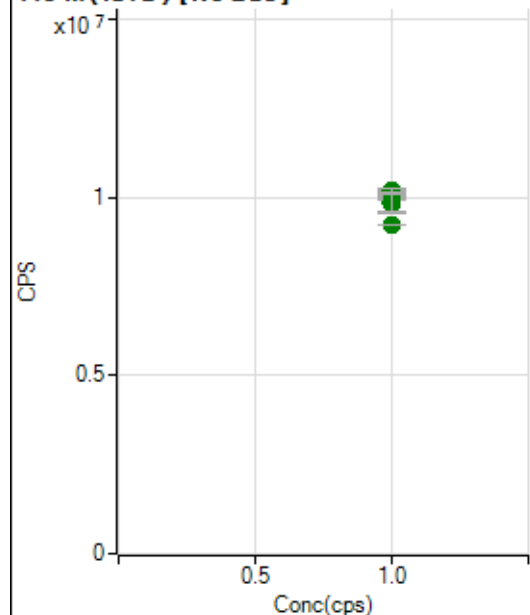
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		408430.38		P	1.1
2	☐	1.000					
3	☐	1.000		408558.52		P	2.5
4	☐	1.000		405956.49		P	1.6
5	☐	1.000		404298.22		P	0.6
6	☐	1.000		397596.99		P	1.0
7	☐	1.000		387593.44		P	0.2
8	☐	1.000		407393.72		P	0.6
9	☐	1.000		416951.81		P	0.4

103 Rh (ISTD) [No Gas]

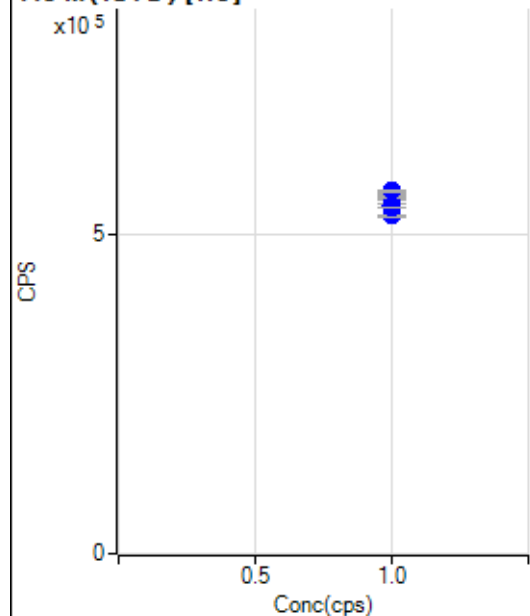
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		10004338.68		A	1.6
2	☐	1.000					
3	☐	1.000		9906431.99		A	0.7
4	☐	1.000		10034753.44		A	0.3
5	☐	1.000		9904206.47		A	0.6
6	☐	1.000		9621082.25		A	6.5
7	☐	1.000		9934708.73		A	0.3
8	☐	1.000		9527020.00		A	5.3
9	☐	1.000		8792468.95		A	0.6

103 Rh (ISTD) [He]

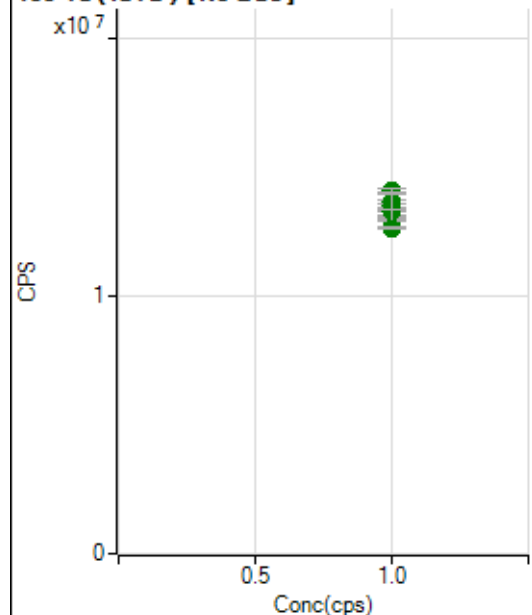
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3147793.32		A	1.0
2	☐	1.000					
3	☐	1.000		3113095.37		A	2.5
4	☐	1.000		3076908.50		A	1.5
5	☐	1.000		3071204.26		A	1.0
6	☐	1.000		3028591.24		A	0.7
7	☐	1.000		2932150.24		A	0.5
8	☐	1.000		3006024.09		A	0.1
9	☐	1.000		2811064.75		A	1.0

115 In (ISTD) [No Gas]

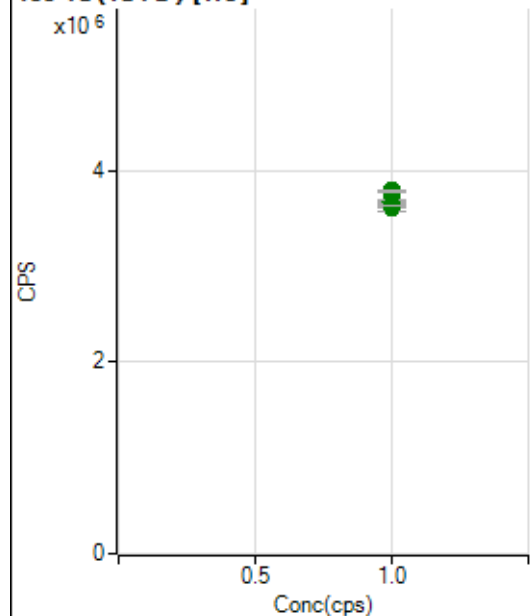
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		9966640.12		A	0.8
2	☐	1.000					
3	☐	1.000		9946223.70		A	0.2
4	☐	1.000		10129869.24		A	0.2
5	☐	1.000		10109223.45		A	0.1
6	☐	1.000		9856781.31		A	6.8
7	☐	1.000		10171385.22		A	1.1
8	☐	1.000		9832213.56		A	4.7
9	☐	1.000		9219712.82		A	0.1

115 In (ISTD) [He]

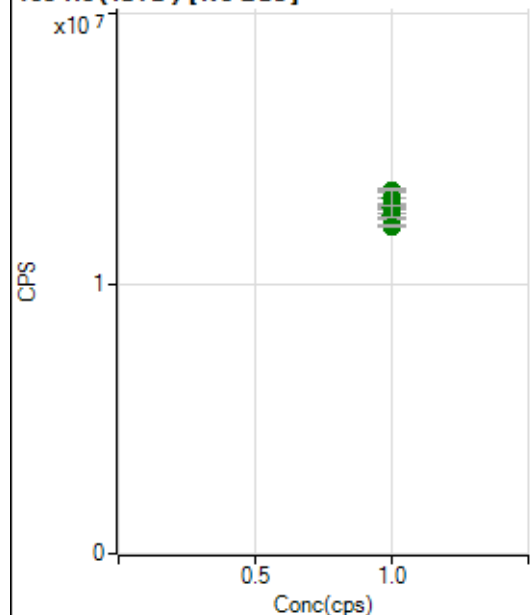
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		563097.26		P	1.0
2	☐	1.000					
3	☐	1.000		564045.12		P	2.3
4	☐	1.000		558668.73		P	1.6
5	☐	1.000		558892.86		P	0.9
6	☐	1.000		544798.21		P	1.2
7	☐	1.000		529959.23		P	0.6
8	☐	1.000		542608.74		P	0.5
9	☐	1.000		568914.29		P	0.4

159 Tb (ISTD) [No Gas]

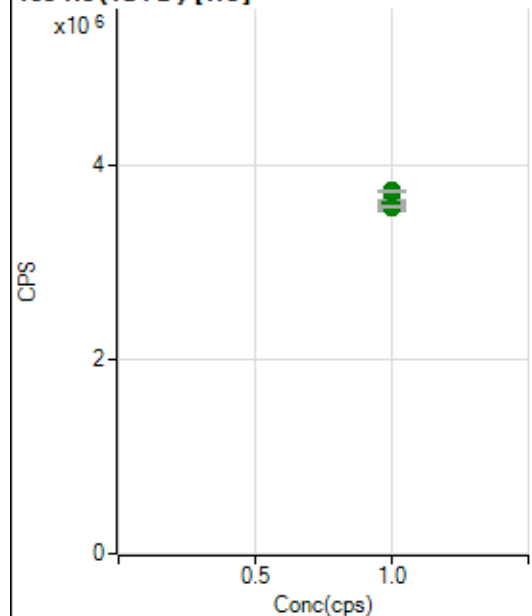
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13072432.30		A	1.3
2	☐	1.000					
3	☐	1.000		13008619.81		A	0.6
4	☐	1.000		13331509.25		A	1.2
5	☐	1.000		13535785.63		A	1.0
6	☐	1.000		13315113.28		A	6.4
7	☐	1.000		14078810.90		A	1.1
8	☐	1.000		13670218.69		A	4.5
9	☐	1.000		12630684.95		A	0.9

159 Tb (ISTD) [He]

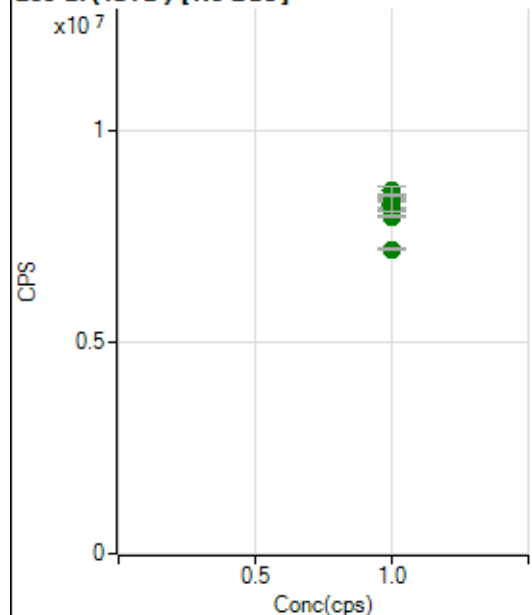
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3647175.78		A	0.4
2	☐	1.000					
3	☐	1.000		3613409.98		A	2.4
4	☐	1.000		3629557.66		A	0.8
5	☐	1.000		3687354.18		A	0.9
6	☐	1.000		3671482.76		A	1.3
7	☐	1.000		3631949.63		A	0.1
8	☐	1.000		3778783.87		A	0.4
9	☐	1.000		3791710.77		A	0.6

165 Ho (ISTD) [No Gas]

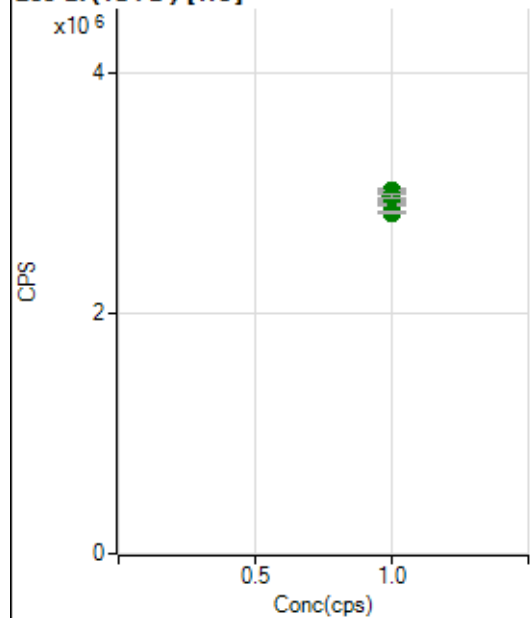
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		12542092.64		A	1.2
2	☐	1.000					
3	☐	1.000		12439743.16		A	0.2
4	☐	1.000		12798414.87		A	0.9
5	☐	1.000		12960252.89		A	0.6
6	☐	1.000		12814897.59		A	6.3
7	☐	1.000		13447215.58		A	1.0
8	☐	1.000		13172229.55		A	4.3
9	☐	1.000		12130241.94		A	0.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3574813.76		A	1.2
2	☐	1.000					
3	☐	1.000		3564255.12		A	2.3
4	☐	1.000		3600590.92		A	1.0
5	☐	1.000		3633886.16		A	0.4
6	☐	1.000		3617166.58		A	1.7
7	☐	1.000		3571465.40		A	0.4
8	☐	1.000		3728948.97		A	0.5
9	☐	1.000		3737432.38		A	0.3

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		8160678.21		A	0.5
2	☐	1.000					
3	☐	1.000		7990654.95		A	0.2
4	☐	1.000		8382844.53		A	1.4
5	☐	1.000		8355183.90		A	0.5
6	☐	1.000		8228354.88		A	6.6
7	☐	1.000		8594199.39		A	2.0
8	☐	1.000		8273250.92		A	4.3
9	☐	1.000		7218832.39		A	0.9

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3021691.79		A	1.3
2	☐	1.000					
3	☐	1.000		2970102.42		A	2.5
4	☐	1.000		2972007.53		A	1.2
5	☐	1.000		3007384.50		A	0.7
6	☐	1.000		3001483.15		A	2.2
7	☐	1.000		2907751.35		A	0.9
8	☐	1.000		2980170.27		A	1.1
9	☐	1.000		2840730.30		A	0.5

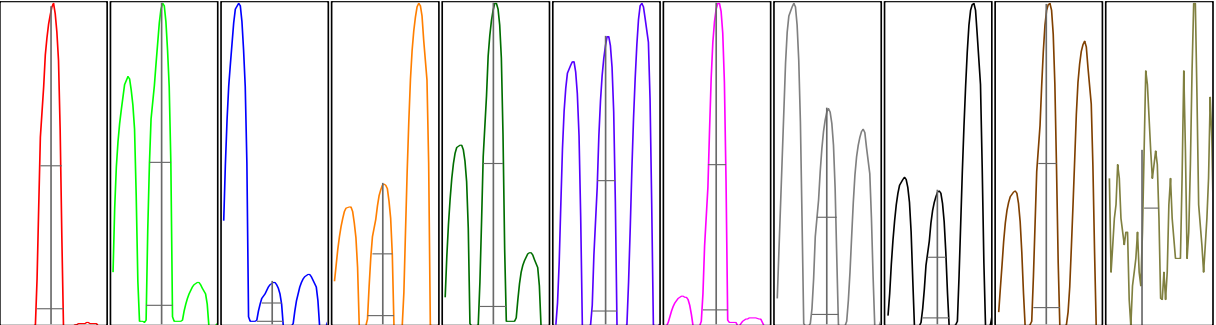
US EPA Tune Check Sample Report

Batch Folder D:\P8102318 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10092	0.65	5.00	
24	91957	1.23	5.00	
25	12420	0.84	5.00	
26	14803	1.03	5.00	
59	106547	0.87	5.00	
113	13209	0.83	5.00	
115	162758	1.05	5.00	
206	37819	0.93	5.00	
207	34646	0.83	5.00	
208	82466	0.47	5.00	
220	1	25.56		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9995	10132	10058	10114	10160
24	90347	91980	91773	92158	93528
25	12243	12445	12429	12472	12512
26	14555	14832	14800	14861	14967
59	105594	105986	107219	106128	107806
113	13060	13304	13136	13231	13313
115	161038	165593	162439	162729	161992
206	37317	37860	37641	38133	38144
207	34187	34669	34601	34901	34870
208	81850	82752	82302	82684	82743
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	17955	8.95	8.9 - 9.1		0.774	0.900	
24	164952	23.95	23.9 - 24.1		0.738	0.900	
25	22110	24.95	24.9 - 25.1		0.767	0.900	
26	26231	25.95	25.9 - 26.1		0.738	0.900	
59	192807	58.95	58.9 - 59.1		0.769	0.900	
113	26043	113.00	112.9 - 113.1		0.710	0.900	
115	317898	115.00	114.9 - 115.1		0.725	0.900	
206	72345	206.00	205.9 - 206.1		0.760	0.900	
207	65811	207.00	206.9 - 207.1		0.770	0.900	
208	156886	207.95	207.9 - 208.1		0.771	0.900	
220	1	219.55	-				

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	10.4	V	Deflect	15.4	V
Extract 2	-210.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	13250	1.21	
89	4032	1.17	
205	22234	1.33	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13429	13178	13018	13270	13357
89	4110	4006	3992	4039	4013
205	22595	21949	21912	22390	22324

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	10.4	V	Deflect	2.6	V
Extract 2	-210.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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 :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	-0.30	0.43	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	N/A	ppb
Arsenic	75-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	0.02	-0.02	0.00	N/A	ppb
Boron	11-1	0.13	0.26	-0.39	0.00	N/A	ppb
Cadmium	111-1	0.09	-0.06	-0.02	0.00	N/A	ppb
Cadmium	106-1	1.23	-0.88	-0.36	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	-0.93	1.91	-0.98	0.00	N/A	ppb
Calcium	44-1	-0.53	2.43	-1.90	0.00	N/A	ppb
Chromium	52-2	0.01	0.07	-0.08	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	-0.02	-0.01	0.03	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	-0.03	0.00	0.04	0.00	N/A	ppb
Iron	57-2	0.28	-0.35	0.06	0.00	N/A	ppb
Krypton	83-1	4531.57	5335.63	-9867.19	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.01	0.00	-0.01	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	-0.10	-0.40	0.50	0.00	N/A	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	-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	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	1.69	-8.76	-8.76	-5.28		ppb
Potassium	39-2	-5.89	-3.91	9.80	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.74	2.78	-0.04	0.00	N/A	ppb
Selenium	78-2	-0.43	0.44	-0.01	0.00	N/A	ppb
Selenium	82-1	0.15	0.24	-0.39	0.00	N/A	ppb
Silicon	28-1	0.37	0.50	-0.87	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.23	3.51	-3.74	0.00	N/A	ppb
Strontium	86-1	0.02	-0.01	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	81.69	-124.11	-235.57	-92.66		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.01	-0.01	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.02	0.04	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.05	-0.08	0.04	0.00	N/A	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	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	0.01	-0.01	0.01	0.00	N/A	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.59	18.21	19.43	17.41	14.45	ppb
Antimony	121-1	2.05	2.04	2.00	2.03	1.51	ppb
Arsenic	75-2	1.12	1.08	1.14	1.11	3.14	ppb
Barium	135-1	10.35	10.17	10.33	10.28	0.95	ppb
Barium	137-1	10.18	9.94	10.25	10.13	1.60	ppb
Beryllium	9-1	1.04	1.03	1.12	1.06	4.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	25.13	24.06	22.54	23.91	5.43	ppb
Boron	11-1	24.91	24.49	25.22	24.87	1.49	ppb
Cadmium	111-1	0.95	0.99	1.06	1.00	5.23	ppb
Cadmium	106-1	0.28	0.17	0.12	0.19	41.02	ppb
Cadmium	108-1	1.11	1.10	1.20	1.14	5.13	ppb
Calcium	43-1	498.35	477.54	490.25	488.71	2.15	ppb
Calcium	44-1	489.72	485.03	488.50	487.75	0.50	ppb
Chromium	52-2	2.25	2.21	2.16	2.20	2.02	ppb
Cobalt	59-2	1.12	1.06	1.07	1.08	3.16	ppb
Copper	63-2	2.13	2.06	2.25	2.15	4.32	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				99		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	53.09	51.26	54.34	52.90	2.92	ppb
Iron	57-2	48.51	54.53	57.12	53.38	8.27	ppb
Krypton	83-1	3839.23	12257.35	6755.74	7617.44	56.12	ppb
Lead	206-1	1.04	1.04	1.05	1.04	0.75	ppb
Lead	207-1	1.05	1.00	1.01	1.02	2.90	ppb
Lead	208-1	1.03	1.00	1.02	1.02	1.58	ppb
Lithium	6-1				100		%
Magnesium	24-2	526.84	506.64	534.54	522.67	2.76	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.28	1.11	1.24	1.21	7.28	ppb
Molybdenum	94-1	5.01	4.82	5.02	4.95	2.24	ppb
Molybdenum	95-1	4.98	5.06	4.86	4.97	2.07	ppb
Molybdenum	96-1	4.93	4.97	5.00	4.97	0.77	ppb
Molybdenum	97-1	5.10	5.05	4.87	5.01	2.45	ppb
Molybdenum	98-1	5.01	5.00	5.07	5.03	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.24	1.12	1.11	1.16	6.29	ppb
Phosphorus	31-2	12.67	11.92	-8.76	5.28	230.49	ppb
Potassium	39-2	516.83	521.76	503.23	513.94	1.87	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	5.37	-0.07	-2.74	0.85	484.62	ppb
Selenium	78-2	2.96	10.89	2.65	5.50	84.89	ppb
Selenium	82-1	5.17	5.50	5.69	5.45	4.84	ppb
Silicon	28-1	15.98	16.15	16.67	16.27	2.23	ppb
Silver	109-1	1.11	1.09	1.07	1.09	1.81	ppb
Silver	107-1	1.09	1.10	1.09	1.09	0.67	ppb
Sodium	23-2	534.03	525.05	554.41	537.83	2.80	ppb
Strontium	86-1	1.06	1.01	0.98	1.02	4.02	ppb
Strontium	88-1	1.10	1.01	1.03	1.05	4.13	ppb
Sulfur	34-1	-75.46	58.04	295.41	92.66	202.71	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1.03	1.00	1.00	1.01	1.64	ppb
Thallium	205-1	0.98	1.00	1.02	1.00	1.73	ppb
Tin	118-1	5.24	5.09	5.08	5.14	1.82	ppb
Titanium	47-1	4.82	5.26	5.03	5.04	4.36	ppb
Uranium	238-1	0.95	0.96	0.99	0.97	2.27	ppb
Vanadium	51-2	5.20	4.73	5.38	5.10	6.52	ppb
Yttrium	89-1				99		%
Yttrium	89-2				100		%
Zinc	66-2	2.68	2.64	2.66	2.66	0.80	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.92	0.95	0.93	0.93	1.56	ppb
Zirconium	91-1	0.92	0.92	0.96	0.93	2.69	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	915.29	961.15	966.59	947.67	2.97	ppb
Antimony	121-1	50.00	50.17	51.03	50.40	1.10	ppb
Arsenic	75-2	50.86	52.72	50.75	51.44	2.15	ppb
Barium	135-1	248.22	250.51	257.99	252.24	2.03	ppb
Barium	137-1	249.34	251.19	257.71	252.75	1.74	ppb
Beryllium	9-1	49.38	50.45	51.20	50.34	1.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	47.64	48.84	50.68	49.05	3.12	ppb
Boron	11-1	46.76	47.07	50.11	47.98	3.86	ppb
Cadmium	111-1	51.24	51.68	52.08	51.67	0.81	ppb
Cadmium	106-1	52.31	51.53	50.18	51.34	2.10	ppb
Cadmium	108-1	51.30	50.96	52.14	51.46	1.18	ppb
Calcium	43-1	4960.51	4997.63	5035.34	4997.83	0.75	ppb
Calcium	44-1	4950.43	4925.42	5022.67	4966.17	1.02	ppb
Chromium	52-2	50.43	52.71	52.03	51.73	2.26	ppb
Cobalt	59-2	50.95	52.61	52.45	52.00	1.76	ppb
Copper	63-2	103.87	107.70	106.73	106.10	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				102		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	2540.04	2620.32	2600.48	2586.95	1.62	ppb
Iron	57-2	2488.25	2667.24	2584.10	2579.86	3.47	ppb
Krypton	83-1	152.42	12874.96	-3406.61	3206.92	266.92	ppb
Lead	206-1	48.80	47.92	49.37	48.70	1.50	ppb
Lead	207-1	48.53	48.05	49.16	48.58	1.15	ppb
Lead	208-1	48.81	48.08	49.21	48.70	1.18	ppb
Lithium	6-1				103		%
Magnesium	24-2	5133.00	5329.66	5283.97	5248.87	1.96	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.83	105.22	103.61	103.56	1.64	ppb
Molybdenum	94-1	245.84	246.63	250.43	247.63	0.99	ppb
Molybdenum	95-1	244.98	247.42	254.11	248.84	1.90	ppb
Molybdenum	96-1	247.13	247.97	253.84	249.65	1.47	ppb
Molybdenum	97-1	242.20	244.59	248.55	245.11	1.31	ppb
Molybdenum	98-1	245.84	252.10	250.35	249.43	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.13	54.73	54.81	53.89	2.83	ppb
Phosphorus	31-2	933.79	854.88	1148.08	978.92	15.50	ppb
Potassium	39-2	2398.37	2479.80	2597.49	2491.89	4.02	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	53.83	77.68	44.21	58.57	29.42	ppb
Selenium	78-2	43.54	50.93	53.75	49.41	10.67	ppb
Selenium	82-1	50.13	50.64	50.45	50.41	0.52	ppb
Silicon	28-1	55.55	55.99	57.89	56.48	2.20	ppb
Silver	109-1	52.50	52.86	53.71	53.03	1.16	ppb
Silver	107-1	52.08	52.03	53.62	52.58	1.72	ppb
Sodium	23-2	5277.64	5394.06	5423.38	5365.03	1.44	ppb
Strontium	86-1	48.47	49.95	49.87	49.43	1.68	ppb
Strontium	88-1	49.99	50.22	50.22	50.14	0.26	ppb
Sulfur	34-1	894.89	980.54	1243.59	1039.67	17.48	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	48.71	47.27	48.19	48.06	1.52	ppb
Thallium	205-1	48.51	47.44	49.27	48.41	1.90	ppb
Tin	118-1	50.28	50.08	51.70	50.68	1.74	ppb
Titanium	47-1	245.70	244.26	249.82	246.59	1.17	ppb
Uranium	238-1	48.48	47.62	48.08	48.06	0.89	ppb
Vanadium	51-2	49.83	51.65	51.43	50.97	1.94	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%
Zinc	66-2	104.07	106.74	107.75	106.19	1.79	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.41	49.41	49.56	49.13	1.28	ppb
Zirconium	91-1	48.55	49.04	48.81	48.80	0.50	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:10:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2332.42	2357.81	2332.26	2340.83	0.63	ppb
Antimony	121-1	125.54	124.96	125.19	125.23	0.23	ppb
Arsenic	75-2	125.00	125.81	124.43	125.08	0.55	ppb
Barium	135-1	638.35	633.77	632.18	634.77	0.50	ppb
Barium	137-1	636.76	634.88	632.89	634.84	0.31	ppb
Beryllium	9-1	124.18	127.14	125.35	125.56	1.19	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	118.45	124.54	119.38	120.79	2.72	ppb
Boron	11-1	117.59	122.76	122.51	120.95	2.41	ppb
Cadmium	111-1	128.62	126.07	127.03	127.24	1.01	ppb
Cadmium	106-1	131.50	126.69	128.34	128.84	1.90	ppb
Cadmium	108-1	131.38	126.17	130.16	129.24	2.11	ppb
Calcium	43-1	12770.45	12484.51	12704.08	12653.01	1.18	ppb
Calcium	44-1	12405.26	12289.62	12459.02	12384.63	0.70	ppb
Chromium	52-2	130.26	129.81	127.00	129.03	1.37	ppb
Cobalt	59-2	130.07	129.58	128.39	129.34	0.67	ppb
Copper	63-2	265.10	266.07	263.89	265.02	0.41	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	6417.68	6453.37	6350.71	6407.25	0.81	ppb
Iron	57-2	6385.68	6518.30	6460.30	6454.76	1.03	ppb
Krypton	83-1	-2805.93	3424.60	5511.29	2043.32	211.77	ppb
Lead	206-1	123.48	123.83	125.55	124.29	0.89	ppb
Lead	207-1	122.81	122.80	125.10	123.57	1.07	ppb
Lead	208-1	125.33	123.67	125.63	124.88	0.85	ppb
Lithium	6-1				104		%
Magnesium	24-2	13068.67	13124.79	12873.81	13022.42	1.01	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:10:28	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.99	262.20	254.30	258.50	1.54	ppb
Molybdenum	94-1	632.45	632.79	626.96	630.73	0.52	ppb
Molybdenum	95-1	628.66	630.34	629.97	629.65	0.14	ppb
Molybdenum	96-1	626.03	619.95	622.63	622.87	0.49	ppb
Molybdenum	97-1	633.47	627.18	637.09	632.58	0.79	ppb
Molybdenum	98-1	623.21	615.16	622.68	620.35	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.86	134.61	131.32	132.93	1.24	ppb
Phosphorus	31-2	2864.29	2595.94	2490.99	2650.41	7.26	ppb
Potassium	39-2	6092.84	6193.87	6171.37	6152.69	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	125.90	121.93	129.44	125.76	2.99	ppb
Selenium	78-2	123.28	125.66	138.74	129.23	6.44	ppb
Selenium	82-1	126.91	125.93	127.51	126.79	0.63	ppb
Silicon	28-1	138.14	134.12	138.71	136.99	1.83	ppb
Silver	109-1	131.25	129.74	130.98	130.66	0.62	ppb
Silver	107-1	133.08	130.26	131.67	131.67	1.07	ppb
Sodium	23-2	13609.79	13489.14	13426.69	13508.54	0.69	ppb
Strontium	86-1	125.08	123.42	125.61	124.70	0.92	ppb
Strontium	88-1	125.16	125.74	125.41	125.44	0.23	ppb
Sulfur	34-1	3201.92	2920.85	3194.40	3105.72	5.16	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	123.07	122.61	125.09	123.59	1.07	ppb
Thallium	205-1	125.58	125.19	126.88	125.89	0.70	ppb
Tin	118-1	127.44	123.68	127.02	126.05	1.63	ppb
Titanium	47-1	626.99	618.74	629.06	624.93	0.87	ppb
Uranium	238-1	123.28	123.01	122.45	122.91	0.34	ppb
Vanadium	51-2	129.14	128.88	126.90	128.31	0.96	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	265.33	263.40	266.81	265.18	0.64	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:10:28	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	125.96	127.28	124.45	125.89	1.12	ppb
Zirconium	91-1	123.91	124.43	123.24	123.86	0.48	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4724.34	4552.07	4725.35	4667.25	2.14	ppb
Antimony	121-1	248.47	254.40	282.20	261.69	6.88	ppb
Arsenic	75-2	251.30	249.48	258.05	252.94	1.79	ppb
Barium	135-1	1227.18	1256.74	1410.17	1298.03	7.57	ppb
Barium	137-1	1211.15	1254.15	1407.94	1291.08	8.01	ppb
Beryllium	9-1	246.88	251.11	282.05	260.01	7.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	236.22	246.31	282.83	255.12	9.61	ppb
Boron	11-1	235.37	245.86	276.92	252.72	8.55	ppb
Cadmium	111-1	247.61	253.88	281.20	260.90	6.85	ppb
Cadmium	106-1	248.29	255.95	286.90	263.71	7.75	ppb
Cadmium	108-1	253.14	252.17	279.21	261.51	5.87	ppb
Calcium	43-1	24603.92	25279.23	28228.43	26037.19	7.40	ppb
Calcium	44-1	24090.77	24919.50	27792.92	25601.07	7.59	ppb
Chromium	52-2	256.39	251.38	257.45	255.07	1.27	ppb
Cobalt	59-2	256.90	251.46	261.30	256.55	1.92	ppb
Copper	63-2	525.38	513.47	528.54	522.46	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	12589.69	12333.67	12800.65	12574.67	1.86	ppb
Iron	57-2	12802.91	12479.96	12995.95	12759.61	2.04	ppb
Krypton	83-1	10230.47	9504.79	-26100.52	-2121.75		ppb
Lead	206-1	245.47	252.98	281.50	259.98	7.31	ppb
Lead	207-1	244.96	250.59	279.40	258.32	7.15	ppb
Lead	208-1	243.77	252.37	279.65	258.60	7.24	ppb
Lithium	6-1				100		%
Magnesium	24-2	26592.43	25921.48	26684.00	26399.30	1.58	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	515.64	507.17	520.67	514.49	1.33	ppb
Molybdenum	94-1	1215.01	1257.39	1360.61	1277.67	5.86	ppb
Molybdenum	95-1	1210.83	1245.95	1367.04	1274.61	6.43	ppb
Molybdenum	96-1	1203.81	1246.36	1359.66	1269.94	6.34	ppb
Molybdenum	97-1	1225.40	1258.85	1386.64	1290.30	6.60	ppb
Molybdenum	98-1	1209.04	1247.77	1359.99	1272.27	6.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.82	259.09	265.26	261.39	1.29	ppb
Phosphorus	31-2	4895.43	5026.69	4989.35	4970.49	1.36	ppb
Potassium	39-2	12009.86	11861.54	12167.89	12013.10	1.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	278.90	278.04	269.17	275.37	1.96	ppb
Selenium	78-2	246.41	262.23	268.52	259.05	4.40	ppb
Selenium	82-1	245.26	253.86	279.45	259.52	6.85	ppb
Silicon	28-1	257.05	266.45	305.61	276.37	9.32	ppb
Silver	109-1	254.29	256.20	285.43	265.31	6.58	ppb
Silver	107-1	255.25	260.67	289.65	268.53	6.89	ppb
Sodium	23-2	26930.42	26203.34	26756.31	26630.03	1.43	ppb
Strontium	86-1	244.66	249.11	277.36	257.05	6.90	ppb
Strontium	88-1	242.48	246.53	276.19	255.06	7.22	ppb
Sulfur	34-1	5357.16	5783.74	7743.68	6294.86	20.22	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	243.64	253.08	278.61	258.44	7.00	ppb
Thallium	205-1	241.96	250.85	277.77	256.86	7.26	ppb
Tin	118-1	250.72	253.79	279.76	261.42	6.10	ppb
Titanium	47-1	1244.52	1267.88	1424.63	1312.34	7.46	ppb
Uranium	238-1	238.37	246.02	269.25	251.21	6.40	ppb
Vanadium	51-2	253.10	249.54	258.19	253.61	1.71	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%
Zinc	66-2	524.22	515.92	529.58	523.24	1.32	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	242.31	252.81	273.43	256.18	6.18	ppb
Zirconium	91-1	241.03	249.57	275.35	255.31	7.00	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9280.26	9207.24	9015.69	9167.73	1.49	ppb
Antimony	121-1	483.15	486.78	496.18	488.70	1.38	ppb
Arsenic	75-2	514.16	502.08	503.64	506.63	1.30	ppb
Barium	135-1	2403.50	2440.77	2495.36	2446.55	1.89	ppb
Barium	137-1	2406.99	2427.20	2452.31	2428.83	0.93	ppb
Beryllium	9-1	486.12	486.16	497.73	490.00	1.37	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	476.45	480.07	497.48	484.67	2.32	ppb
Boron	11-1	468.92	484.15	498.88	483.98	3.09	ppb
Cadmium	111-1	486.41	487.51	497.78	490.57	1.28	ppb
Cadmium	106-1	483.64	491.07	503.03	492.58	1.99	ppb
Cadmium	108-1	486.78	489.21	500.83	492.28	1.53	ppb
Calcium	43-1	49212.51	51248.81	50052.58	50171.30	2.04	ppb
Calcium	44-1	48352.01	49303.97	48928.51	48861.50	0.98	ppb
Chromium	52-2	510.81	509.40	500.67	506.96	1.08	ppb
Cobalt	59-2	509.63	511.38	498.94	506.65	1.33	ppb
Copper	63-2	1041.42	1032.10	1030.71	1034.74	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				94		%
Iron	56-2	25139.87	24990.67	24550.32	24893.62	1.23	ppb
Iron	57-2	25271.64	25350.17	24982.05	25201.29	0.77	ppb
Krypton	83-1	13491.84	-8675.94	-3015.55	600.12	1919.24	ppb
Lead	206-1	486.50	496.93	496.58	493.34	1.20	ppb
Lead	207-1	489.77	493.21	502.33	495.10	1.31	ppb
Lead	208-1	484.55	490.12	497.57	490.75	1.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	52813.11	51340.90	50196.09	51450.04	2.55	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1024.30	1020.08	1002.83	1015.73	1.12	ppb
Molybdenum	94-1	2423.79	2434.38	2485.89	2448.02	1.36	ppb
Molybdenum	95-1	2410.06	2438.94	2492.35	2447.12	1.71	ppb
Molybdenum	96-1	2409.01	2434.32	2495.74	2446.36	1.82	ppb
Molybdenum	97-1	2415.89	2437.79	2512.40	2455.36	2.06	ppb
Molybdenum	98-1	2436.93	2444.77	2501.34	2461.01	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.03	514.75	504.25	511.01	1.15	ppb
Phosphorus	31-2	9774.55	10193.41	10058.09	10008.68	2.14	ppb
Potassium	39-2	24239.56	24093.00	23576.47	23969.68	1.45	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				100		%
Scandium	45-2				94		%
Selenium	77-2	539.19	434.62	511.45	495.09	10.94	ppb
Selenium	78-2	526.55	483.69	503.17	504.47	4.25	ppb
Selenium	82-1	485.64	493.63	498.30	492.53	1.30	ppb
Silicon	28-1	497.85	516.24	507.06	507.05	1.81	ppb
Silver	109-1	486.08	486.82	496.24	489.71	1.16	ppb
Silver	107-1	482.76	490.91	497.50	490.39	1.51	ppb
Sodium	23-2	52382.70	51947.16	51118.59	51816.15	1.24	ppb
Strontium	86-1	490.01	495.54	493.51	493.02	0.57	ppb
Strontium	88-1	484.49	490.49	494.74	489.91	1.05	ppb
Sulfur	34-1	10754.31	11469.30	11154.97	11126.19	3.22	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	481.09	491.35	495.64	489.36	1.53	ppb
Thallium	205-1	478.82	489.51	492.09	486.81	1.45	ppb
Tin	118-1	485.50	482.91	489.51	485.97	0.68	ppb
Titanium	47-1	2425.07	2486.32	2463.34	2458.24	1.26	ppb
Uranium	238-1	475.28	482.33	494.98	484.20	2.06	ppb
Vanadium	51-2	511.17	512.28	497.87	507.11	1.58	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	1043.64	1030.75	1023.25	1032.55	1.00	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.88	485.33	495.45	489.55	1.07	ppb
Zirconium	91-1	493.35	490.34	497.32	493.67	0.71	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:20:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18437.31	18156.24	17823.87	18139.14	1.69	ppb
Antimony	121-1	1053.46	979.49	975.08	1002.68	4.39	ppb
Arsenic	75-2	1008.59	994.72	984.30	995.87	1.22	ppb
Barium	135-1	5304.11	4897.26	4838.79	5013.39	5.06	ppb
Barium	137-1	5306.55	4923.26	4842.03	5023.94	4.94	ppb
Beryllium	9-1	1062.57	983.99	960.67	1002.41	5.33	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	1043.83	998.33	978.81	1006.99	3.31	ppb
Boron	11-1	1038.69	1003.47	981.67	1007.94	2.85	ppb
Cadmium	111-1	1051.18	993.21	960.50	1001.63	4.58	ppb
Cadmium	106-1	1057.77	976.75	964.69	999.74	5.06	ppb
Cadmium	108-1	1050.84	979.68	970.62	1000.38	4.39	ppb
Calcium	43-1	107465.85	99871.87	97541.96	101626.56	5.11	ppb
Calcium	44-1	105876.00	97612.44	95617.82	99702.09	5.46	ppb
Chromium	52-2	1015.44	979.41	989.13	994.66	1.87	ppb
Cobalt	59-2	1005.61	997.15	980.42	994.39	1.29	ppb
Copper	63-2	1999.39	1984.84	1940.26	1974.83	1.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	48984.35	48937.94	47759.34	48560.54	1.43	ppb
Iron	57-2	49649.68	49291.28	48643.88	49194.95	1.04	ppb
Krypton	83-1	-9279.55	5550.31	7142.12	1137.63	796.09	ppb
Lead	206-1	1060.05	978.98	963.94	1000.99	5.16	ppb
Lead	207-1	1050.80	983.03	968.03	1000.62	4.41	ppb
Lead	208-1	1056.27	982.33	969.08	1002.56	4.69	ppb
Lithium	6-1				101		%
Magnesium	24-2	100449.23	99782.76	97510.25	99247.41	1.55	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:20:53	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2005.86	1995.76	1960.19	1987.27	1.21	ppb
Molybdenum	94-1	5341.81	4923.91	4789.70	5018.47	5.74	ppb
Molybdenum	95-1	5345.86	4887.93	4825.51	5019.77	5.66	ppb
Molybdenum	96-1	5355.56	4912.99	4797.81	5022.12	5.86	ppb
Molybdenum	97-1	5339.34	4904.07	4791.22	5011.54	5.78	ppb
Molybdenum	98-1	5337.28	4918.31	4788.01	5014.54	5.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	998.87	994.13	978.38	990.46	1.08	ppb
Phosphorus	31-2	20004.47	20242.64	19708.76	19985.29	1.34	ppb
Potassium	39-2	48236.31	47835.33	47383.76	47818.47	0.89	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				99		%
Selenium	77-2	984.12	983.32	1019.40	995.61	2.07	ppb
Selenium	78-2	979.86	1019.08	986.06	995.00	2.12	ppb
Selenium	82-1	1067.35	980.09	955.90	1001.11	5.86	ppb
Silicon	28-1	1049.31	972.06	942.62	988.00	5.58	ppb
Silver	109-1	1052.77	983.10	965.50	1000.46	4.61	ppb
Silver	107-1	1049.67	980.90	967.06	999.21	4.43	ppb
Sodium	23-2	102248.23	101088.77	100172.88	101169.96	1.03	ppb
Strontium	86-1	1055.38	988.63	961.37	1001.80	4.83	ppb
Strontium	88-1	1062.97	984.63	963.56	1003.72	5.22	ppb
Sulfur	34-1	20825.76	18390.23	17890.48	19035.49	8.25	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1064.26	982.35	963.83	1003.48	5.33	ppb
Thallium	205-1	1061.53	981.71	971.32	1004.85	4.91	ppb
Tin	118-1	1065.64	974.72	971.62	1003.99	5.32	ppb
Titanium	47-1	5295.53	4930.28	4790.61	5005.47	5.21	ppb
Uranium	238-1	1053.04	996.34	974.48	1007.96	4.02	ppb
Vanadium	51-2	1006.07	995.64	983.53	995.08	1.13	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1993.61	1991.85	1941.67	1975.71	1.49	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:20:53	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1064.05	983.64	963.13	1003.61	5.31	ppb
Zirconium	91-1	1074.76	968.86	962.50	1002.04	6.29	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101578.59	100586.38	99264.64	100476.54	1.16	ppb
Antimony	121-1	2.77	2.64	2.56	2.66	3.92	ppb
Arsenic	75-2	0.43	0.40	0.41	0.41	2.74	ppb
Barium	135-1	1.62	1.46	1.67	1.58	6.99	ppb
Barium	137-1	1.52	1.49	1.51	1.50	1.14	ppb
Beryllium	9-1	0.11	0.11	0.10	0.11	5.68	ppb
Bismuth	209-1				88		%
Bismuth	209-2				94		%
Boron	10-1	49.56	44.87	39.61	44.68	11.14	ppb
Boron	11-1	45.67	40.56	36.38	40.87	11.39	ppb
Cadmium	111-1	0.22	0.27	0.16	0.22	25.31	ppb
Cadmium	106-1	0.39	1.45	0.09	0.64	111.00	ppb
Cadmium	108-1	0.40	0.13	0.24	0.26	51.81	ppb
Calcium	43-1	502182.45	499612.92	497010.34	499601.91	0.52	ppb
Calcium	44-1	499938.91	499782.48	500718.45	500146.61	0.10	ppb
Chromium	52-2	41.16	41.99	41.25	41.47	1.09	ppb
Cobalt	59-2	1.62	1.46	1.66	1.58	6.59	ppb
Copper	63-2	5.09	5.28	5.08	5.15	2.13	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				97		%
Holmium	165-2				105		%
Indium	115-1				93		%
Indium	115-2				101		%
Iron	56-2	250211.96	252729.25	247928.77	250289.99	0.96	ppb
Iron	57-2	249021.32	253220.23	248124.41	250121.98	1.09	ppb
Krypton	83-1	-4872.05	-5807.39	5704.13	-1658.44		ppb
Lead	206-1	1.88	1.93	1.89	1.90	1.32	ppb
Lead	207-1	1.72	1.78	1.77	1.75	1.73	ppb
Lead	208-1	1.82	1.85	1.84	1.84	0.77	ppb
Lithium	6-1				114		%
Magnesium	24-2	499275.75	503156.24	497327.94	499919.98	0.59	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.37	12.15	11.72	12.08	2.73	ppb
Molybdenum	94-1	6.63	6.51	6.51	6.55	1.02	ppb
Molybdenum	95-1	8.75	8.57	8.30	8.54	2.67	ppb
Molybdenum	96-1	8.43	8.31	8.31	8.35	0.80	ppb
Molybdenum	97-1	8.19	8.30	7.91	8.13	2.49	ppb
Molybdenum	98-1	8.40	8.13	7.75	8.09	4.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.44	27.09	26.49	27.01	1.78	ppb
Phosphorus	31-2	23.92	34.97	23.36	27.42	23.88	ppb
Potassium	39-2	248838.99	252717.29	250142.23	250566.17	0.79	ppb
Rhodium	103-1				88		%
Rhodium	103-2				89		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	-2.74	-0.07	-0.09	-0.96		ppb
Selenium	78-2	0.41	1.67	0.40	0.83	88.22	ppb
Selenium	82-1	0.85	0.80	1.40	1.02	32.93	ppb
Silicon	28-1	52.60	52.88	54.46	53.31	1.88	ppb
Silver	109-1	0.18	0.14	0.13	0.15	16.90	ppb
Silver	107-1	0.15	0.15	0.14	0.15	5.71	ppb
Sodium	23-2	500445.28	503762.36	494214.33	499473.99	0.97	ppb
Strontium	86-1	5.35	5.27	5.35	5.32	0.90	ppb
Strontium	88-1	5.41	5.34	5.37	5.38	0.61	ppb
Sulfur	34-1	-1139.88	-1134.83	-1057.14	-1110.62		ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	0.52	0.48	0.46	0.49	6.38	ppb
Thallium	205-1	0.56	0.49	0.47	0.50	9.47	ppb
Tin	118-1	1.53	1.42	1.47	1.47	3.76	ppb
Titanium	47-1	2.05	1.90	1.97	1.98	3.88	ppb
Uranium	238-1	0.22	0.21	0.20	0.21	4.49	ppb
Vanadium	51-2	0.50	0.42	0.40	0.44	11.65	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%
Zinc	66-2	27.08	26.94	27.19	27.07	0.46	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.61	0.60	0.60	0.60	0.81	ppb
Zirconium	91-1	0.65	0.60	0.53	0.59	10.45	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:28:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.46	473.05	500.45	488.32	2.86	ppb
Antimony	121-1	199.94	199.50	193.60	197.68	1.79	ppb
Arsenic	75-2	197.37	188.67	195.33	193.79	2.35	ppb
Barium	135-1	100.14	100.60	97.87	99.54	1.47	ppb
Barium	137-1	100.38	100.55	97.97	99.64	1.45	ppb
Beryllium	9-1	96.19	96.42	93.88	95.50	1.47	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	483.16	504.43	501.29	496.29	2.31	ppb
Boron	11-1	473.52	484.29	483.10	480.31	1.23	ppb
Cadmium	111-1	100.85	101.48	99.93	100.75	0.78	ppb
Cadmium	106-1	92.56	88.88	91.07	90.84	2.04	ppb
Cadmium	108-1	95.79	100.19	91.74	95.91	4.41	ppb
Calcium	43-1	2282.48	2207.57	2258.68	2249.58	1.70	ppb
Calcium	44-1	2216.50	2196.12	2181.26	2197.96	0.80	ppb
Chromium	52-2	98.89	94.27	97.09	96.75	2.41	ppb
Cobalt	59-2	100.99	96.81	100.28	99.36	2.25	ppb
Copper	63-2	104.41	98.30	102.54	101.75	3.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				108		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	56-2	1020.05	968.52	1005.14	997.90	2.66	ppb
Iron	57-2	1035.11	983.34	1000.02	1006.15	2.63	ppb
Krypton	83-1	10434.11	-6376.17	21807.18	8621.71	164.45	ppb
Lead	206-1	200.51	197.50	196.76	198.26	1.00	ppb
Lead	207-1	190.41	190.70	188.20	189.77	0.72	ppb
Lead	208-1	196.52	195.12	192.56	194.74	1.03	ppb
Lithium	6-1				118		%
Magnesium	24-2	1209.10	1176.58	1192.70	1192.79	1.36	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:28:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.81	98.14	103.27	101.74	3.08	ppb
Molybdenum	94-1	359.03	354.47	347.65	353.72	1.62	ppb
Molybdenum	95-1	510.24	504.41	490.04	501.56	2.07	ppb
Molybdenum	96-1	493.33	484.52	468.84	482.23	2.57	ppb
Molybdenum	97-1	514.27	507.84	493.31	505.14	2.13	ppb
Molybdenum	98-1	509.93	501.48	489.54	500.32	2.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.60	100.41	103.16	102.72	2.08	ppb
Phosphorus	31-2	-8.76	-8.76	1.37	-5.38		ppb
Potassium	39-2	1986.59	1933.74	2012.07	1977.47	2.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	182.51	181.91	198.78	187.73	5.10	ppb
Selenium	78-2	207.47	209.38	215.03	210.63	1.87	ppb
Selenium	82-1	199.25	196.05	194.04	196.45	1.34	ppb
Silicon	28-1	485.45	472.69	470.43	476.19	1.70	ppb
Silver	109-1	104.96	104.57	102.29	103.94	1.39	ppb
Silver	107-1	103.13	103.82	101.68	102.88	1.06	ppb
Sodium	23-2	2177.37	2046.50	2119.32	2114.40	3.10	ppb
Strontium	86-1	504.64	499.46	485.53	496.54	1.99	ppb
Strontium	88-1	497.46	491.21	483.93	490.87	1.38	ppb
Sulfur	34-1	-1183.71	-1316.05	-1570.21	-1356.66		ppb
Terbium	159-1				102		%
Terbium	159-2				108		%
Thallium	203-1	202.47	201.11	200.94	201.51	0.42	ppb
Thallium	205-1	201.92	201.67	199.98	201.19	0.53	ppb
Tin	118-1	516.39	508.49	502.08	508.99	1.41	ppb
Titanium	47-1	501.17	495.38	490.47	495.67	1.08	ppb
Uranium	238-1	507.31	504.77	497.98	503.36	0.96	ppb
Vanadium	51-2	99.65	95.27	97.44	97.45	2.25	ppb
Yttrium	89-1				101		%
Yttrium	89-2				109		%
Zinc	66-2	213.40	202.80	207.54	207.91	2.55	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:28:17	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.85	0.67	0.56	0.69	20.49	ppb
Zirconium	91-1	0.89	0.73	0.55	0.72	23.90	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.10	18.16	18.10	18.12	0.17	ppb
Antimony	121-1	2.33	2.38	2.42	2.38	1.79	ppb
Arsenic	75-2	1.35	1.12	1.02	1.16	14.47	ppb
Barium	135-1	10.22	10.18	10.35	10.25	0.87	ppb
Barium	137-1	10.17	10.16	9.99	10.11	0.98	ppb
Beryllium	9-1	1.01	1.07	1.00	1.03	3.82	ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	34.97	38.23	35.12	36.11	5.10	ppb
Boron	11-1	35.56	34.70	33.87	34.71	2.44	ppb
Cadmium	111-1	1.01	0.94	1.14	1.03	9.73	ppb
Cadmium	106-1	0.27	-0.29	1.24	0.40	192.19	ppb
Cadmium	108-1	0.80	1.32	0.90	1.01	27.56	ppb
Calcium	43-1	489.49	487.89	524.59	500.66	4.14	ppb
Calcium	44-1	499.14	495.78	495.70	496.87	0.40	ppb
Chromium	52-2	2.04	2.07	2.25	2.12	5.30	ppb
Cobalt	59-2	0.95	0.93	0.93	0.93	1.22	ppb
Copper	63-2	2.22	2.10	2.25	2.19	3.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				107		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	56-2	52.57	52.76	52.08	52.47	0.67	ppb
Iron	57-2	57.40	54.19	55.75	55.78	2.88	ppb
Krypton	83-1	-4520.91	5912.68	5861.79	2417.85	248.53	ppb
Lead	206-1	1.04	1.02	1.05	1.04	1.46	ppb
Lead	207-1	1.03	1.06	1.03	1.04	1.65	ppb
Lead	208-1	1.04	1.03	1.03	1.03	0.51	ppb
Lithium	6-1				108		%
Magnesium	24-2	496.43	510.95	494.08	500.49	1.83	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	1.02	0.97	0.99	2.97	ppb
Molybdenum	94-1	5.02	5.09	4.91	5.01	1.82	ppb
Molybdenum	95-1	5.12	5.30	5.28	5.24	1.89	ppb
Molybdenum	96-1	5.23	5.10	5.18	5.17	1.23	ppb
Molybdenum	97-1	5.29	5.36	5.06	5.24	3.05	ppb
Molybdenum	98-1	5.21	5.24	5.12	5.19	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	1.04	0.99	1.00	3.71	ppb
Phosphorus	31-2	10.85	1.07	30.81	14.24	106.46	ppb
Potassium	39-2	487.47	514.43	491.38	497.76	2.93	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	7.20	9.83	2.29	6.44	59.38	ppb
Selenium	78-2	8.15	3.51	3.91	5.19	49.47	ppb
Selenium	82-1	4.95	5.25	5.50	5.24	5.18	ppb
Silicon	28-1	15.44	15.05	14.45	14.98	3.32	ppb
Silver	109-1	1.15	1.11	1.14	1.13	1.87	ppb
Silver	107-1	1.08	1.12	1.10	1.10	1.82	ppb
Sodium	23-2	573.87	550.63	549.50	558.00	2.46	ppb
Strontium	86-1	0.98	1.06	0.97	1.00	4.64	ppb
Strontium	88-1	1.03	1.04	1.00	1.02	2.26	ppb
Sulfur	34-1	-1344.99	-1394.53	-1374.44	-1371.32		ppb
Terbium	159-1				101		%
Terbium	159-2				107		%
Thallium	203-1	1.11	1.08	1.06	1.08	2.16	ppb
Thallium	205-1	1.11	1.13	1.07	1.10	2.42	ppb
Tin	118-1	5.43	5.44	5.33	5.40	1.10	ppb
Titanium	47-1	5.26	5.11	5.33	5.23	2.11	ppb
Uranium	238-1	0.91	0.97	0.92	0.93	3.05	ppb
Vanadium	51-2	5.01	4.81	4.73	4.85	2.90	ppb
Yttrium	89-1				102		%
Yttrium	89-2				109		%
Zinc	66-2	2.67	2.23	2.48	2.46	8.96	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.89	0.91	0.89	2.38	ppb
Zirconium	91-1	0.84	0.91	0.85	0.86	4.44	ppb

LB Number : LB98798 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 18:40:08 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	-0.19	0.52	0.35	135.80	ppb
Antimony	121-1	0.11	0.12	0.17	0.13	23.33	ppb
Arsenic	75-2	0.02	-0.03	0.05	0.01	364.59	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	1375.36	ppb
Barium	137-1	-0.01	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	-0.02	-0.01	0.01	0.00		ppb
Bismuth	209-1				98		%
Bismuth	209-2				104		%
Boron	10-1	8.35	7.51	7.06	7.64	8.53	ppb
Boron	11-1	7.61	7.81	8.64	8.02	6.85	ppb
Cadmium	111-1	-0.08	-0.12	-0.08	-0.09		ppb
Cadmium	106-1	-0.96	-1.52	-1.02	-1.17		ppb
Cadmium	108-1	-0.06	-0.04	0.05	-0.02		ppb
Calcium	43-1	3.14	2.66	0.92	2.24	52.30	ppb
Calcium	44-1	1.78	3.78	11.06	5.54	88.24	ppb
Chromium	52-2	0.03	-0.02	0.01	0.01	383.28	ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.04		ppb
Copper	63-2	0.03	-0.03	0.03	0.01	320.53	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				108		%
Indium	115-1				102		%
Indium	115-2				110		%
Iron	56-2	1.83	1.67	1.60	1.70	7.10	ppb
Iron	57-2	1.03	1.21	2.59	1.61	52.84	ppb
Krypton	83-1	12248.57	-8781.57	-5512.24	-681.75		ppb
Lead	206-1	0.00	0.01	0.02	0.01	97.89	ppb
Lead	207-1	0.00	-0.01	0.02	0.00	323.98	ppb
Lead	208-1	0.00	0.00	0.02	0.01	143.28	ppb
Lithium	6-1				105		%
Magnesium	24-2	5.17	3.20	5.40	4.59	26.35	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:40:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.03	0.08	0.04	122.35	ppb
Molybdenum	94-1	0.08	0.06	0.04	0.06	30.85	ppb
Molybdenum	95-1	0.09	0.09	0.10	0.09	7.08	ppb
Molybdenum	96-1	0.09	0.10	0.13	0.10	17.79	ppb
Molybdenum	97-1	0.09	0.12	0.11	0.11	13.90	ppb
Molybdenum	98-1	0.08	0.10	0.11	0.10	13.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.01	-0.02		ppb
Phosphorus	31-2	20.78	-8.76	-8.76	1.09	1570.67	ppb
Potassium	39-2	5.99	15.54	-2.36	6.39	140.19	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	-2.74	-2.74	-2.74	-2.74		ppb
Selenium	78-2	-0.04	0.36	-0.04	0.09	253.79	ppb
Selenium	82-1	0.16	-0.25	0.22	0.04	626.02	ppb
Silicon	28-1	-2.33	-1.71	1.49	-0.85		ppb
Silver	109-1	0.01	0.01	0.01	0.01	18.62	ppb
Silver	107-1	0.00	0.01	0.01	0.01	46.05	ppb
Sodium	23-2	31.31	23.10	27.84	27.41	15.04	ppb
Strontium	86-1	-0.03	-0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	37.15	ppb
Sulfur	34-1	-1618.58	-1341.82	-642.31	-1200.90		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.04	0.05	0.05	14.31	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	14.78	ppb
Tin	118-1	0.10	0.08	0.07	0.08	18.47	ppb
Titanium	47-1	-0.04	-0.01	0.02	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	-0.01	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				110		%
Zinc	66-2	0.14	0.05	0.25	0.15	68.40	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:40:08	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.00	0.02	0.01	151.43	ppb
Zirconium	91-1	-0.01	-0.01	0.00	-0.01		ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82756.47	83286.75	81811.35	82618.19	0.90	ppb
Antimony	121-1	1.15	1.20	1.16	1.17	2.38	ppb
Arsenic	75-2	0.28	0.30	0.24	0.27	11.68	ppb
Barium	135-1	1.54	1.51	1.47	1.50	2.25	ppb
Barium	137-1	1.32	1.41	1.37	1.37	3.41	ppb
Beryllium	9-1	0.26	0.21	0.23	0.23	11.23	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	9.65	10.11	9.29	9.68	4.27	ppb
Boron	11-1	9.75	10.27	9.70	9.91	3.18	ppb
Cadmium	111-1	0.19	0.26	0.17	0.21	23.87	ppb
Cadmium	106-1	-0.80	-0.69	-2.16	-1.21		ppb
Cadmium	108-1	8.81	8.74	8.71	8.75	0.58	ppb
Calcium	43-1	93945.38	93773.33	93380.15	93699.62	0.31	ppb
Calcium	44-1	92627.13	92583.44	92655.85	92622.14	0.04	ppb
Chromium	52-2	19.09	20.05	18.88	19.34	3.22	ppb
Cobalt	59-2	1.10	1.01	1.09	1.07	4.78	ppb
Copper	63-2	7.54	7.71	7.56	7.60	1.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	94665.14	95253.96	93778.19	94565.76	0.79	ppb
Iron	57-2	97447.22	97517.13	95758.86	96907.74	1.03	ppb
Krypton	83-1	5919.99	-2418.98	6881.33	3460.78	147.79	ppb
Lead	206-1	4.92	4.83	4.86	4.87	0.93	ppb
Lead	207-1	4.21	4.12	4.26	4.20	1.72	ppb
Lead	208-1	4.52	4.44	4.50	4.49	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	94923.09	97301.31	94921.38	95715.26	1.44	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.55	7.71	7.45	7.57	1.72	ppb
Molybdenum	94-1	1295.13	1273.48	1294.88	1287.83	0.96	ppb
Molybdenum	95-1	1822.86	1799.06	1850.41	1824.11	1.41	ppb
Molybdenum	96-1	1762.93	1752.47	1793.90	1769.77	1.22	ppb
Molybdenum	97-1	1842.78	1803.39	1854.00	1833.39	1.45	ppb
Molybdenum	98-1	1828.96	1802.51	1858.95	1830.14	1.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.01	5.22	5.08	5.10	2.08	ppb
Phosphorus	31-2	97155.88	95808.99	95449.55	96138.14	0.94	ppb
Potassium	39-2	94018.15	94891.11	92666.50	93858.59	1.19	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	-2.74	-2.74	-2.74	-2.74		ppb
Selenium	78-2	0.39	-0.43	-0.02	-0.02		ppb
Selenium	82-1	0.03	-0.25	0.07	-0.05		ppb
Silicon	28-1	25.02	24.06	23.67	24.25	2.88	ppb
Silver	109-1	0.03	0.05	0.06	0.05	32.33	ppb
Silver	107-1	0.03	0.05	0.05	0.04	19.01	ppb
Sodium	23-2	98741.97	99464.99	97268.13	98491.70	1.14	ppb
Strontium	86-1	31.79	31.04	32.50	31.78	2.29	ppb
Strontium	88-1	32.18	32.07	32.60	32.28	0.87	ppb
Sulfur	34-1	94644.02	94747.73	93718.03	94369.93	0.60	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.16	0.15	0.16	0.16	3.67	ppb
Thallium	205-1	0.13	0.15	0.16	0.15	11.66	ppb
Tin	118-1	0.23	0.24	0.19	0.22	12.34	ppb
Titanium	47-1	1900.59	1886.98	1890.54	1892.70	0.37	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.09	0.16	0.12	0.12	30.13	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	11.34	11.20	11.53	11.35	1.45	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.12	0.10	0.12	17.99	ppb
Zirconium	91-1	0.14	0.13	0.09	0.12	18.78	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	82179.50	81374.66	84699.97	82751.38	2.10	ppb
Antimony	121-1	21.08	20.43	20.85	20.79	1.59	ppb
Arsenic	75-2	19.00	18.92	19.30	19.07	1.04	ppb
Barium	135-1	22.28	20.80	20.96	21.35	3.81	ppb
Barium	137-1	21.22	20.52	21.55	21.10	2.48	ppb
Beryllium	9-1	21.38	20.62	21.16	21.06	1.87	ppb
Bismuth	209-1				95		%
Bismuth	209-2				95		%
Boron	10-1	67.13	64.75	65.01	65.63	1.99	ppb
Boron	11-1	66.07	66.13	66.50	66.24	0.35	ppb
Cadmium	111-1	19.46	19.06	19.40	19.31	1.14	ppb
Cadmium	106-1	16.55	15.31	15.81	15.89	3.94	ppb
Cadmium	108-1	27.15	25.43	27.31	26.63	3.91	ppb
Calcium	43-1	99106.42	94303.98	97824.81	97078.40	2.56	ppb
Calcium	44-1	97615.79	92991.71	96568.83	95725.44	2.53	ppb
Chromium	52-2	38.54	38.34	39.95	38.94	2.27	ppb
Cobalt	59-2	20.58	20.41	21.32	20.77	2.33	ppb
Copper	63-2	27.11	27.11	28.56	27.59	3.02	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				103		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	94417.01	94285.99	98253.80	95652.26	2.36	ppb
Iron	57-2	97155.94	97135.87	100056.41	98116.07	1.71	ppb
Krypton	83-1	9046.23	-5987.63	2052.24	1703.61	441.59	ppb
Lead	206-1	25.33	24.65	25.18	25.06	1.42	ppb
Lead	207-1	23.46	22.64	23.26	23.12	1.84	ppb
Lead	208-1	24.14	23.42	24.05	23.87	1.64	ppb
Lithium	6-1				90		%
Magnesium	24-2	95191.15	94804.09	98912.60	96302.61	2.36	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.07	26.74	27.60	27.14	1.60	ppb
Molybdenum	94-1	1390.32	1329.61	1390.88	1370.27	2.57	ppb
Molybdenum	95-1	1972.75	1886.98	1973.30	1944.34	2.56	ppb
Molybdenum	96-1	1896.60	1824.38	1898.58	1873.19	2.26	ppb
Molybdenum	97-1	1973.10	1902.33	1973.80	1949.74	2.11	ppb
Molybdenum	98-1	1961.73	1914.29	1963.34	1946.46	1.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.30	24.29	25.38	24.65	2.54	ppb
Phosphorus	31-2	95140.89	95083.14	98987.32	96403.78	2.32	ppb
Potassium	39-2	95909.13	94343.71	99233.97	96495.60	2.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	15.79	18.17	34.74	22.90	45.08	ppb
Selenium	78-2	15.36	19.26	21.00	18.54	15.58	ppb
Selenium	82-1	19.94	19.23	20.02	19.73	2.20	ppb
Silicon	28-1	79.66	74.02	78.14	77.27	3.78	ppb
Silver	109-1	19.16	18.72	19.50	19.12	2.03	ppb
Silver	107-1	19.39	18.52	19.16	19.02	2.38	ppb
Sodium	23-2	98394.50	98010.53	102099.31	99501.45	2.27	ppb
Strontium	86-1	33.56	32.60	32.39	32.85	1.90	ppb
Strontium	88-1	34.05	32.53	33.74	33.44	2.40	ppb
Sulfur	34-1	99787.42	94521.09	97229.06	97179.19	2.71	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	20.67	19.98	20.35	20.34	1.70	ppb
Thallium	205-1	20.53	20.02	20.46	20.34	1.36	ppb
Tin	118-1	51.95	50.11	52.13	51.40	2.17	ppb
Titanium	47-1	2055.99	1951.82	2016.61	2008.14	2.62	ppb
Uranium	238-1	-0.01	-0.01	0.00	-0.01		ppb
Vanadium	51-2	19.42	19.32	20.17	19.64	2.35	ppb
Yttrium	89-1				100		%
Yttrium	89-2				103		%
Zinc	66-2	31.97	31.98	33.14	32.36	2.07	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.08	0.08	6.15	ppb
Zirconium	91-1	0.08	0.09	0.05	0.07	30.30	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52742.36	50396.62	50560.96	51233.32	2.56	ppb
Antimony	121-1	498.58	518.85	511.27	509.57	2.01	ppb
Arsenic	75-2	529.12	498.24	496.12	507.82	3.64	ppb
Barium	135-1	2511.51	2632.11	2541.89	2561.84	2.45	ppb
Barium	137-1	2512.83	2622.11	2528.05	2554.33	2.32	ppb
Beryllium	9-1	536.18	545.66	535.30	539.04	1.07	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	544.95	559.91	562.25	555.70	1.69	ppb
Boron	11-1	544.37	562.01	561.17	555.85	1.79	ppb
Cadmium	111-1	495.58	512.64	505.45	504.55	1.70	ppb
Cadmium	106-1	506.31	522.79	507.90	512.33	1.77	ppb
Cadmium	108-1	500.66	520.79	503.82	508.42	2.13	ppb
Calcium	43-1	243136.36	253512.02	249846.17	248831.51	2.11	ppb
Calcium	44-1	242173.36	253762.70	248590.40	248175.49	2.34	ppb
Chromium	52-2	535.17	515.54	510.73	520.48	2.49	ppb
Cobalt	59-2	514.69	500.90	495.88	503.83	1.93	ppb
Copper	63-2	1003.07	958.26	957.49	972.94	2.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				105		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	125400.58	121301.38	120213.90	122305.29	2.24	ppb
Iron	57-2	127324.11	121932.77	122328.59	123861.82	2.43	ppb
Krypton	83-1	4613.52	408.58	6822.96	3948.35	82.53	ppb
Lead	206-1	511.34	526.09	505.57	514.34	2.06	ppb
Lead	207-1	505.05	525.42	506.39	512.29	2.22	ppb
Lead	208-1	502.81	521.41	501.08	508.43	2.22	ppb
Lithium	6-1				92		%
Magnesium	24-2	252480.68	240352.98	242275.40	245036.35	2.66	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1052.33	1016.14	1012.67	1027.05	2.14	ppb
Molybdenum	94-1	2464.47	2574.45	2530.99	2523.30	2.20	ppb
Molybdenum	95-1	2480.61	2551.52	2544.86	2525.66	1.55	ppb
Molybdenum	96-1	2492.03	2553.79	2504.70	2516.84	1.30	ppb
Molybdenum	97-1	2491.83	2578.75	2502.63	2524.40	1.88	ppb
Molybdenum	98-1	2487.26	2553.07	2510.47	2516.93	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.65	495.09	491.70	499.48	2.14	ppb
Phosphorus	31-2	10768.34	10105.63	10189.83	10354.60	3.48	ppb
Potassium	39-2	128125.55	123534.05	123358.33	125005.98	2.16	ppb
Rhodium	103-1				95		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	544.95	501.95	482.10	509.67	6.30	ppb
Selenium	78-2	520.32	500.85	500.47	507.21	2.24	ppb
Selenium	82-1	486.85	502.09	496.08	495.01	1.55	ppb
Silicon	28-1	483.15	509.89	504.95	499.33	2.85	ppb
Silver	109-1	495.25	513.01	505.23	504.50	1.77	ppb
Silver	107-1	496.38	519.48	499.20	505.02	2.50	ppb
Sodium	23-2	258054.15	246977.07	247212.51	250747.91	2.52	ppb
Strontium	86-1	507.07	524.28	511.49	514.28	1.74	ppb
Strontium	88-1	501.72	521.81	505.64	509.72	2.09	ppb
Sulfur	34-1	11178.50	12212.06	11829.56	11740.04	4.45	ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	514.07	529.74	511.53	518.44	1.90	ppb
Thallium	205-1	511.16	529.72	507.65	516.18	2.30	ppb
Tin	118-1	519.28	535.74	522.95	525.99	1.64	ppb
Titanium	47-1	2481.25	2595.85	2541.14	2539.41	2.26	ppb
Uranium	238-1	491.76	517.24	502.57	503.86	2.54	ppb
Vanadium	51-2	529.59	509.06	506.48	515.05	2.46	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	1029.67	993.27	996.72	1006.55	2.00	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.02	520.94	517.09	512.01	2.40	ppb
Zirconium	91-1	508.71	518.73	512.66	513.37	0.98	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.75	-0.73	-0.33	-0.10		ppb
Antimony	121-1	0.42	0.48	0.48	0.46	7.54	ppb
Arsenic	75-2	0.05	0.00	-0.01	0.01	240.83	ppb
Barium	135-1	0.00	-0.01	-0.01	-0.01		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	10.53	9.95	10.17	10.22	2.85	ppb
Boron	11-1	11.06	10.25	10.64	10.65	3.78	ppb
Cadmium	111-1	-0.11	-0.12	-0.11	-0.11		ppb
Cadmium	106-1	-1.47	-1.34	-1.39	-1.40		ppb
Cadmium	108-1	0.02	0.08	0.02	0.04	89.46	ppb
Calcium	43-1	1.11	4.47	0.19	1.92	117.25	ppb
Calcium	44-1	0.45	-0.20	1.42	0.56	146.42	ppb
Chromium	52-2	-0.04	-0.01	0.04	0.00		ppb
Cobalt	59-2	-0.05	-0.05	-0.05	-0.05		ppb
Copper	63-2	0.06	0.03	0.10	0.06	59.32	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				101		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	1.25	1.10	1.22	1.19	6.40	ppb
Iron	57-2	0.86	0.81	1.50	1.06	36.61	ppb
Krypton	83-1	9137.46	14691.46	-1637.29	7397.21	112.24	ppb
Lead	206-1	0.04	0.06	0.06	0.05	24.09	ppb
Lead	207-1	0.04	0.04	0.05	0.04	18.71	ppb
Lead	208-1	0.03	0.06	0.05	0.05	23.99	ppb
Lithium	6-1				90		%
Magnesium	24-2	1.05	0.66	1.41	1.04	35.83	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	-0.01	0.01	0.01	207.48	ppb
Molybdenum	94-1	0.41	0.47	0.39	0.43	9.90	ppb
Molybdenum	95-1	0.44	0.39	0.41	0.41	6.59	ppb
Molybdenum	96-1	0.41	0.41	0.41	0.41	0.84	ppb
Molybdenum	97-1	0.36	0.44	0.38	0.39	11.03	ppb
Molybdenum	98-1	0.42	0.39	0.34	0.38	10.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	0.02	-0.01		ppb
Phosphorus	31-2	-8.76	0.93	1.45	-2.12		ppb
Potassium	39-2	34.18	15.38	16.80	22.12	47.34	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	-2.74	-2.74	-2.74	-2.74		ppb
Selenium	78-2	0.37	0.37	-0.02	0.24	94.25	ppb
Selenium	82-1	0.22	0.22	0.02	0.15	75.68	ppb
Silicon	28-1	-3.92	-3.20	-3.51	-3.55		ppb
Silver	109-1	0.03	0.02	0.03	0.03	11.14	ppb
Silver	107-1	0.03	0.03	0.03	0.03	8.96	ppb
Sodium	23-2	50.01	47.93	55.47	51.14	7.61	ppb
Strontium	86-1	-0.02	0.00	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	18.36	ppb
Sulfur	34-1	-2503.11	-2227.43	-2223.72	-2318.09		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.12	0.12	0.12	2.16	ppb
Thallium	205-1	0.11	0.12	0.10	0.11	5.33	ppb
Tin	118-1	0.14	0.12	0.14	0.13	8.22	ppb
Titanium	47-1	0.07	0.02	0.06	0.05	47.59	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	-0.02	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				106		%
Zinc	66-2	0.05	0.10	0.03	0.06	53.91	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.11	0.11	0.11	4.36	ppb
Zirconium	91-1	0.08	0.12	0.06	0.09	34.43	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.32	15.98	18.02	17.77	9.47	ppb
Antimony	121-1	2.23	2.33	2.29	2.28	2.18	ppb
Arsenic	75-2	1.10	0.99	1.11	1.07	6.59	ppb
Barium	135-1	10.10	10.27	10.81	10.39	3.58	ppb
Barium	137-1	10.01	10.41	10.48	10.30	2.48	ppb
Beryllium	9-1	1.08	1.06	1.09	1.08	1.28	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	34.62	31.59	36.63	34.28	7.40	ppb
Boron	11-1	32.31	32.24	35.13	33.23	4.96	ppb
Cadmium	111-1	0.87	0.97	1.03	0.96	8.69	ppb
Cadmium	106-1	-0.74	-0.16	0.95	0.02	4714.67	ppb
Cadmium	108-1	1.07	1.13	1.10	1.10	2.79	ppb
Calcium	43-1	488.90	514.61	515.71	506.41	3.00	ppb
Calcium	44-1	466.96	495.88	496.65	486.50	3.48	ppb
Chromium	52-2	2.18	2.17	2.22	2.19	1.23	ppb
Cobalt	59-2	0.96	0.99	1.02	0.99	2.98	ppb
Copper	63-2	2.24	2.12	2.26	2.20	3.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	52.59	50.43	52.43	51.81	2.33	ppb
Iron	57-2	55.20	51.98	55.57	54.25	3.63	ppb
Krypton	83-1	-11532.85	12118.72	3669.30	1418.39	845.00	ppb
Lead	206-1	1.00	1.03	1.05	1.03	2.72	ppb
Lead	207-1	0.96	0.98	1.05	1.00	4.85	ppb
Lead	208-1	1.00	1.00	1.04	1.02	2.27	ppb
Lithium	6-1				86		%
Magnesium	24-2	504.88	504.11	519.67	509.56	1.72	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.08	1.16	1.28	1.17	8.53	ppb
Molybdenum	94-1	5.19	5.69	5.54	5.48	4.70	ppb
Molybdenum	95-1	4.96	5.30	5.12	5.13	3.30	ppb
Molybdenum	96-1	5.00	5.20	5.24	5.15	2.49	ppb
Molybdenum	97-1	5.03	5.12	5.25	5.13	2.12	ppb
Molybdenum	98-1	5.01	5.16	5.35	5.17	3.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	1.11	1.06	1.10	3.27	ppb
Phosphorus	31-2	20.84	-8.76	21.36	11.15	154.67	ppb
Potassium	39-2	517.13	511.58	512.07	513.59	0.60	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	7.44	-2.74	2.38	2.36	215.80	ppb
Selenium	78-2	5.57	1.96	6.39	4.64	50.83	ppb
Selenium	82-1	4.63	5.46	5.49	5.19	9.41	ppb
Silicon	28-1	9.49	11.70	11.17	10.79	10.69	ppb
Silver	109-1	1.10	1.09	1.10	1.10	0.39	ppb
Silver	107-1	1.08	1.07	1.17	1.11	5.12	ppb
Sodium	23-2	548.72	558.77	579.78	562.42	2.82	ppb
Strontium	86-1	0.85	0.93	1.09	0.96	12.82	ppb
Strontium	88-1	0.98	1.02	1.05	1.02	3.41	ppb
Sulfur	34-1	-2574.54	-2067.38	-2227.05	-2289.65		ppb
Terbium	159-1				100		%
Terbium	159-2				103		%
Thallium	203-1	1.12	1.03	1.12	1.09	4.91	ppb
Thallium	205-1	1.07	1.09	1.10	1.09	1.47	ppb
Tin	118-1	5.17	5.39	5.56	5.38	3.62	ppb
Titanium	47-1	5.08	5.08	5.31	5.16	2.58	ppb
Uranium	238-1	0.90	0.91	0.96	0.92	2.97	ppb
Vanadium	51-2	4.93	4.82	5.05	4.93	2.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	2.21	2.43	2.16	2.27	6.25	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.22	1.18	1.20	1.20	1.59	ppb
Zirconium	91-1	1.32	1.17	1.19	1.23	6.60	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	570.72	518.27	551.37	546.79	4.85	ppb
Antimony	121-1	89.25	88.91	90.11	89.43	0.69	ppb
Arsenic	75-2	153.01	149.70	151.10	151.27	1.10	ppb
Barium	135-1	758.44	760.76	759.91	759.70	0.15	ppb
Barium	137-1	763.00	754.95	756.40	758.11	0.57	ppb
Beryllium	9-1	165.52	172.47	168.82	168.94	2.06	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	436.27	477.48	472.45	462.07	4.87	ppb
Boron	11-1	444.77	474.38	480.57	466.57	4.10	ppb
Cadmium	111-1	216.73	213.07	216.59	215.46	0.96	ppb
Cadmium	106-1	191.92	190.96	198.20	193.69	2.03	ppb
Cadmium	108-1	200.86	200.17	200.30	200.44	0.18	ppb
Calcium	43-1	50.15	56.58	50.64	52.46	6.82	ppb
Calcium	44-1	22.93	23.50	19.55	22.00	9.71	ppb
Chromium	52-2	336.24	327.26	335.12	332.87	1.47	ppb
Cobalt	59-2	185.18	180.49	184.24	183.30	1.35	ppb
Copper	63-2	320.30	313.00	319.42	317.57	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	1179.98	1151.10	1176.52	1169.20	1.35	ppb
Iron	57-2	1224.07	1152.13	1210.07	1195.42	3.19	ppb
Krypton	83-1	11838.72	13536.26	-1100.31	8091.56	98.94	ppb
Lead	206-1	368.05	369.56	373.21	370.27	0.72	ppb
Lead	207-1	353.34	356.66	359.81	356.61	0.91	ppb
Lead	208-1	358.61	359.01	363.07	360.23	0.68	ppb
Lithium	6-1				84		%
Magnesium	24-2	0.13	0.69	2.54	1.12	112.74	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	439.73	429.40	435.75	434.96	1.20	ppb
Molybdenum	94-1	51.23	50.93	52.14	51.43	1.22	ppb
Molybdenum	95-1	72.46	73.67	73.04	73.06	0.83	ppb
Molybdenum	96-1	69.66	69.96	69.78	69.80	0.22	ppb
Molybdenum	97-1	71.91	71.80	72.09	71.93	0.21	ppb
Molybdenum	98-1	72.40	71.96	72.89	72.42	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	877.53	860.41	872.79	870.24	1.02	ppb
Phosphorus	31-2	-8.76	1.03	1.19	-2.18		ppb
Potassium	39-2	10.43	19.79	15.20	15.14	30.90	ppb
Rhodium	103-1				102		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	462.70	474.14	405.21	447.35	8.26	ppb
Selenium	78-2	425.84	426.75	404.15	418.91	3.05	ppb
Selenium	82-1	403.39	401.33	404.32	403.01	0.38	ppb
Silicon	28-1	48.52	51.88	49.42	49.94	3.48	ppb
Silver	109-1	188.61	186.79	187.43	187.61	0.49	ppb
Silver	107-1	188.80	185.09	186.48	186.79	1.00	ppb
Sodium	23-2	56.45	49.90	56.37	54.24	6.93	ppb
Strontium	86-1	84.47	85.01	85.32	84.93	0.50	ppb
Strontium	88-1	86.97	88.29	87.43	87.56	0.77	ppb
Sulfur	34-1	-2814.62	-2734.85	-2983.83	-2844.43		ppb
Terbium	159-1				101		%
Terbium	159-2				102		%
Thallium	203-1	211.35	213.41	210.78	211.84	0.65	ppb
Thallium	205-1	212.39	211.94	211.49	211.94	0.21	ppb
Tin	118-1	0.08	0.07	0.08	0.08	9.67	ppb
Titanium	47-1	0.13	0.09	0.08	0.10	30.09	ppb
Uranium	238-1	-0.03	-0.03	-0.02	-0.03		ppb
Vanadium	51-2	440.79	428.11	439.43	436.11	1.60	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	815.87	793.98	811.43	807.10	1.43	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.32	0.34	0.28	0.31	9.79	ppb
Zirconium	91-1	0.37	0.32	0.30	0.33	10.97	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.78	21.83	22.85	22.82	4.27	ppb
Antimony	121-1	0.46	0.40	0.40	0.42	8.11	ppb
Arsenic	75-2	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	0.05	0.08	0.07	0.07	24.16	ppb
Barium	137-1	0.02	0.04	0.03	0.03	23.63	ppb
Beryllium	9-1	0.00	0.01	0.00	0.00	87.95	ppb
Bismuth	209-1				97		%
Bismuth	209-2				98		%
Boron	10-1	116.92	116.57	114.48	115.99	1.14	ppb
Boron	11-1	118.64	117.30	114.63	116.85	1.75	ppb
Cadmium	111-1	-0.09	-0.13	-0.06	-0.09		ppb
Cadmium	106-1	-1.16	-1.58	-0.79	-1.18		ppb
Cadmium	108-1	0.06	0.09	0.15	0.10	44.92	ppb
Calcium	43-1	6.29	5.94	5.65	5.96	5.34	ppb
Calcium	44-1	-5.55	-3.70	-5.61	-4.95		ppb
Chromium	52-2	0.03	0.03	0.05	0.04	33.09	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	11.30	ppb
Copper	63-2	0.09	0.09	0.09	0.09	4.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				103		%
Iron	56-2	1.18	0.93	1.22	1.11	14.29	ppb
Iron	57-2	2.16	1.24	1.45	1.62	29.69	ppb
Krypton	83-1	17152.66	-5819.64	10081.19	7138.07	164.83	ppb
Lead	206-1	0.09	0.09	0.10	0.09	5.97	ppb
Lead	207-1	0.08	0.08	0.08	0.08	5.64	ppb
Lead	208-1	0.08	0.09	0.09	0.09	5.18	ppb
Lithium	6-1				82		%
Magnesium	24-2	1.96	1.93	1.19	1.69	25.91	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.03	0.05	0.04	24.19	ppb
Molybdenum	94-1	2.15	1.89	1.78	1.94	9.87	ppb
Molybdenum	95-1	0.10	0.13	0.09	0.11	17.91	ppb
Molybdenum	96-1	0.36	0.30	0.30	0.32	11.01	ppb
Molybdenum	97-1	0.16	0.17	0.10	0.14	24.01	ppb
Molybdenum	98-1	0.13	0.11	0.10	0.11	9.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.31	0.22	0.22	0.25	19.01	ppb
Phosphorus	31-2	10.53	1.18	-8.76	0.98	982.36	ppb
Potassium	39-2	-4.23	7.60	17.46	6.94	156.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-2.74	-2.74	-0.19	-1.89		ppb
Selenium	78-2	0.36	0.37	-0.43	0.10	463.43	ppb
Selenium	82-1	0.11	-0.12	0.12	0.04	384.57	ppb
Silicon	28-1	569.86	577.37	577.66	574.96	0.77	ppb
Silver	109-1	0.02	0.02	0.02	0.02	17.53	ppb
Silver	107-1	0.02	0.03	0.02	0.02	19.53	ppb
Sodium	23-2	97.78	104.85	108.89	103.84	5.41	ppb
Strontium	86-1	0.00	-0.01	-0.01	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.62	ppb
Sulfur	34-1	-3167.17	-3259.49	-3098.44	-3175.03		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.10	0.11	0.09	0.10	12.82	ppb
Thallium	205-1	0.09	0.09	0.09	0.09	2.23	ppb
Tin	118-1	914.38	922.71	912.79	916.63	0.58	ppb
Titanium	47-1	137.35	137.21	136.49	137.02	0.34	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	2382.34	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	3.40	3.46	3.26	3.37	3.07	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.35	1.25	1.16	1.26	7.69	ppb
Zirconium	91-1	1.44	1.14	1.05	1.21	16.62	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51439.11	50942.48	50724.79	51035.46	0.72	ppb
Antimony	121-1	518.96	517.33	548.37	528.22	3.31	ppb
Arsenic	75-2	516.44	508.38	503.95	509.59	1.24	ppb
Barium	135-1	2621.28	2623.30	2759.15	2667.91	2.96	ppb
Barium	137-1	2598.67	2591.71	2751.09	2647.16	3.40	ppb
Beryllium	9-1	539.18	543.39	562.57	548.38	2.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				95		%
Boron	10-1	556.23	566.99	595.39	572.87	3.53	ppb
Boron	11-1	556.87	562.23	594.14	571.08	3.53	ppb
Cadmium	111-1	507.41	508.93	538.67	518.34	3.40	ppb
Cadmium	106-1	510.69	523.72	553.14	529.18	4.11	ppb
Cadmium	108-1	508.01	518.08	544.08	523.39	3.56	ppb
Calcium	43-1	249887.62	249252.28	262750.84	253963.58	3.00	ppb
Calcium	44-1	247901.79	247214.54	262846.99	252654.44	3.50	ppb
Chromium	52-2	523.16	512.93	516.05	517.38	1.01	ppb
Cobalt	59-2	500.66	499.25	496.77	498.89	0.39	ppb
Copper	63-2	982.75	962.42	968.20	971.12	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				106		%
Indium	115-1				96		%
Indium	115-2				102		%
Iron	56-2	121769.03	121365.17	120962.13	121365.44	0.33	ppb
Iron	57-2	123942.87	122510.07	122687.06	123046.67	0.63	ppb
Krypton	83-1	-12314.53	9257.21	-9073.22	-4043.51		ppb
Lead	206-1	518.75	531.67	557.42	535.95	3.67	ppb
Lead	207-1	519.33	520.12	551.51	530.32	3.46	ppb
Lead	208-1	514.96	520.48	549.41	528.28	3.50	ppb
Lithium	6-1				91		%
Magnesium	24-2	246687.89	244026.53	242635.66	244450.03	0.84	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.43	1013.75	1016.31	1019.83	0.82	ppb
Molybdenum	94-1	2537.55	2553.47	2712.78	2601.26	3.73	ppb
Molybdenum	95-1	2513.30	2548.72	2694.09	2585.37	3.71	ppb
Molybdenum	96-1	2506.83	2529.15	2678.32	2571.43	3.63	ppb
Molybdenum	97-1	2539.73	2555.18	2701.54	2598.81	3.44	ppb
Molybdenum	98-1	2542.98	2533.21	2705.62	2593.94	3.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	502.58	493.75	499.35	498.56	0.90	ppb
Phosphorus	31-2	9727.07	9704.52	10462.84	9964.81	4.33	ppb
Potassium	39-2	126605.91	123545.11	123579.01	124576.68	1.41	ppb
Rhodium	103-1				92		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	519.62	486.21	538.98	514.94	5.18	ppb
Selenium	78-2	514.62	517.48	518.50	516.86	0.39	ppb
Selenium	82-1	496.46	500.26	530.77	509.16	3.69	ppb
Silicon	28-1	491.90	488.90	529.49	503.43	4.49	ppb
Silver	109-1	508.46	513.66	537.34	519.82	2.96	ppb
Silver	107-1	508.05	513.05	545.27	522.12	3.87	ppb
Sodium	23-2	251415.80	249488.35	247154.54	249352.90	0.86	ppb
Strontium	86-1	518.46	519.73	552.71	530.30	3.66	ppb
Strontium	88-1	514.06	511.56	542.14	522.58	3.25	ppb
Sulfur	34-1	12211.45	11802.76	13038.39	12350.87	5.10	ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	524.18	530.58	554.66	536.47	3.00	ppb
Thallium	205-1	520.76	522.30	557.16	533.41	3.86	ppb
Tin	118-1	533.86	526.85	559.07	539.92	3.14	ppb
Titanium	47-1	2592.70	2549.73	2698.96	2613.80	2.94	ppb
Uranium	238-1	505.93	518.58	546.97	523.82	4.01	ppb
Vanadium	51-2	512.33	506.94	510.36	509.88	0.53	ppb
Yttrium	89-1				99		%
Yttrium	89-2				106		%
Zinc	66-2	1010.91	993.93	998.48	1001.10	0.88	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	512.84	519.32	545.18	525.78	3.25	ppb
Zirconium	91-1	517.21	520.57	544.38	527.39	2.81	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.18	0.37	0.43	64.57	ppb
Antimony	121-1	0.32	0.39	0.34	0.35	10.20	ppb
Arsenic	75-2	0.00	-0.03	0.00	-0.01		ppb
Barium	135-1	0.00	-0.01	0.02	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.02	0.01	-0.01	-0.01		ppb
Bismuth	209-1				98		%
Bismuth	209-2				99		%
Boron	10-1	9.20	9.47	9.14	9.27	1.91	ppb
Boron	11-1	9.40	9.68	10.20	9.76	4.13	ppb
Cadmium	111-1	-0.12	-0.16	-0.13	-0.14		ppb
Cadmium	106-1	-1.52	-2.11	-1.72	-1.78		ppb
Cadmium	108-1	0.04	0.13	-0.02	0.05	150.70	ppb
Calcium	43-1	-2.29	-2.66	0.31	-1.55		ppb
Calcium	44-1	-9.01	-10.42	-8.25	-9.23		ppb
Chromium	52-2	0.06	-0.01	0.01	0.02	184.62	ppb
Cobalt	59-2	-0.05	-0.04	-0.05	-0.04		ppb
Copper	63-2	0.01	0.02	0.02	0.01	44.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	0.91	0.64	0.81	0.79	17.61	ppb
Iron	57-2	0.63	0.83	1.45	0.97	43.64	ppb
Krypton	83-1	18775.06	9843.16	19698.57	16105.60	33.80	ppb
Lead	206-1	0.03	0.00	0.00	0.01	123.76	ppb
Lead	207-1	0.02	0.02	0.01	0.01	52.63	ppb
Lead	208-1	0.01	0.01	0.01	0.01	14.70	ppb
Lithium	6-1				89		%
Magnesium	24-2	0.55	1.45	1.48	1.16	45.25	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	0.03	0.01	342.79	ppb
Molybdenum	94-1	0.28	0.33	0.27	0.29	10.94	ppb
Molybdenum	95-1	0.23	0.22	0.21	0.22	5.42	ppb
Molybdenum	96-1	0.27	0.20	0.23	0.23	13.60	ppb
Molybdenum	97-1	0.31	0.23	0.23	0.26	16.77	ppb
Molybdenum	98-1	0.24	0.24	0.20	0.22	8.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	0.00	0.00		ppb
Phosphorus	31-2	-8.76	1.10	1.18	-2.16		ppb
Potassium	39-2	3.48	23.11	16.67	14.42	69.41	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				106		%
Selenium	77-2	-2.74	-2.74	-2.74	-2.74		ppb
Selenium	78-2	-0.03	0.37	0.76	0.37	108.30	ppb
Selenium	82-1	0.45	0.27	0.18	0.30	45.06	ppb
Silicon	28-1	-3.71	-5.17	-4.05	-4.31		ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.69	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.90	ppb
Sodium	23-2	43.94	45.27	43.86	44.36	1.78	ppb
Strontium	86-1	-0.02	-0.02	-0.01	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	12.94	ppb
Sulfur	34-1	-2258.42	-2603.07	-2372.51	-2411.33		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.10	0.08	0.09	12.17	ppb
Thallium	205-1	0.08	0.08	0.07	0.08	7.91	ppb
Tin	118-1	0.20	0.22	0.20	0.20	4.60	ppb
Titanium	47-1	0.03	-0.06	0.01	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	-0.05	-0.01	0.15	0.03	352.21	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.09	0.09	5.19	ppb
Zirconium	91-1	0.07	0.12	0.08	0.09	29.91	ppb

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	10	20	14	36.77	cps
Antimony	121-1	283	233	358	292	21.57	cps
Arsenic	75-2	13	9	9	10	20.36	cps
Barium	135-1	42	83	83	69	34.64	cps
Barium	137-1	183	158	117	153	22.04	cps
Beryllium	9-1	128	128	167	141	15.95	cps
Bismuth	209-1	8113665	8168313	8200057	8160678	0.54	cps
Bismuth	209-2	3030291	2979184	3055600	3021692	1.29	cps
Boron	10-1	508	508	508	508	0.00	cps
Boron	11-1	2817	2934	2309	2686	12.37	cps
Cadmium	111-1	2129	1724	1866	1906	10.79	cps
Cadmium	106-1	2950	2384	2575	2637	10.94	cps
Cadmium	108-1	4	17	17	13	57.72	cps
Calcium	43-1	408	500	417	442	11.48	cps
Calcium	44-1	46001	47507	46403	46637	1.67	cps
Chromium	52-2	587	660	460	569	17.79	cps
Cobalt	59-2	227	243	197	222	10.64	cps
Copper	63-2	523	527	643	564	12.11	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	108	83	108	100	14.43	cps
Gadolinium	160-2	23	50	13	29	65.62	cps
Holmium	165-1	12566590	12385364	12674325	12542093	1.16	cps
Holmium	165-2	3588440	3526590	3609411	3574814	1.20	cps
Indium	115-1	9925268	9918784	10055867	9966640	0.78	cps
Indium	115-2	563649	557217	568427	563097	1.00	cps
Iron	56-2	817	833	906	852	5.55	cps
Iron	57-2	22	6	17	15	57.25	cps
Krypton	83-1	490	487	563	513	8.44	cps
Lead	206-1	606	583	628	606	3.67	cps
Lead	207-1	656	633	539	609	10.17	cps
Lead	208-1	2611	2622	2511	2582	2.37	cps
Lithium	6-1	2061484	2049122	2084863	2065156	0.88	cps
Magnesium	24-2	83	67	117	89	28.64	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	17	7	17	59.99	cps
Molybdenum	94-1	517	400	417	444	14.20	cps
Molybdenum	95-1	267	292	358	306	15.51	cps
Molybdenum	96-1	300	367	292	319	12.87	cps
Molybdenum	97-1	225	267	258	250	8.82	cps
Molybdenum	98-1	450	342	483	425	17.43	cps
Neodymium	150-1	0	0	20	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	43	53	54	21.51	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	2742	2750	3234	2909	9.68	cps
Rhodium	103-1	9901272	9925376	10186368	10004339	1.58	cps
Rhodium	103-2	3169830	3110548	3163003	3147793	1.03	cps
Scandium	45-1	6542441	6532715	6705687	6593614	1.47	cps
Scandium	45-2	59335	58297	60064	59232	1.50	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	22	38	-74	-5	-1297.97	cps
Silicon	28-1	290236	290657	289261	290051	0.25	cps
Silver	109-1	67	133	83	94	36.73	cps
Silver	107-1	117	183	108	136	30.20	cps
Sodium	23-2	7177	7411	6819	7135	4.18	cps
Strontium	86-1	850	750	808	803	6.26	cps
Strontium	88-1	58	67	100	75	29.40	cps
Sulfur	34-1	403364	395920	402598	400627	1.02	cps
Terbium	159-1	12935189	13020926	13261182	13072432	1.29	cps
Terbium	159-2	3641537	3637799	3662191	3647176	0.36	cps
Thallium	203-1	533	425	358	439	20.12	cps
Thallium	205-1	1133	883	983	1000	12.58	cps
Tin	118-1	475	483	317	425	22.10	cps
Titanium	47-1	150	158	267	192	33.96	cps
Uranium	238-1	1100	842	942	961	13.55	cps
Vanadium	51-2	20	3	30	18	75.79	cps
Yttrium	89-1	10519133	10523644	10705036	10582605	1.00	cps
Yttrium	89-2	410170	403524	411597	408430	1.05	cps
Zinc	66-2	130	97	130	119	16.19	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 17:55:50	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	800	800	814	2.96	cps
Zirconium	91-1	225	133	233	197	28.13	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	255	255	237	13.42	cps
Antimony	121-1	24206	24340	23763	24103	1.25	cps
Arsenic	75-2	191	185	187	188	1.51	cps
Barium	135-1	26327	26152	26536	26338	0.73	cps
Barium	137-1	45195	44601	45939	45245	1.48	cps
Beryllium	9-1	2178	2145	2300	2208	3.71	cps
Bismuth	209-1	8003944	7993728	7974293	7990655	0.19	cps
Bismuth	209-2	2993967	3030757	2885583	2970102	2.54	cps
Boron	10-1	5726	5476	5134	5446	5.46	cps
Boron	11-1	28513	27928	28529	28323	1.21	cps
Cadmium	111-1	4535	4698	4872	4701	3.58	cps
Cadmium	106-1	2684	2684	2667	2678	0.36	cps
Cadmium	108-1	229	229	250	236	5.10	cps
Calcium	43-1	16694	16010	16302	16335	2.10	cps
Calcium	44-1	307842	305236	304798	305959	0.54	cps
Chromium	52-2	3657	3727	3444	3609	4.09	cps
Cobalt	59-2	3410	3337	3190	3313	3.38	cps
Copper	63-2	5951	5991	6088	6010	1.17	cps
Dysprosium	156-1	0	17	17	11	86.60	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	117	42	50	69	59.19	cps
Erbium	164-2	10	13	17	13	25.01	cps
Gadolinium	160-1	83	100	75	86	14.79	cps
Gadolinium	160-2	13	17	10	13	25.01	cps
Holmium	165-1	12441412	12460188	12417630	12439743	0.17	cps
Holmium	165-2	3577299	3639680	3475786	3564255	2.32	cps
Indium	115-1	9933374	9935349	9969948	9946224	0.21	cps
Indium	115-2	567074	575394	549667	564045	2.33	cps
Iron	56-2	55656	55700	55488	55615	0.20	cps
Iron	57-2	1261	1467	1445	1391	8.11	cps
Krypton	83-1	487	453	480	473	3.73	cps
Lead	206-1	8970	8953	9042	8989	0.53	cps
Lead	207-1	8353	7947	7969	8090	2.82	cps
Lead	208-1	36521	35454	36116	36030	1.50	cps
Lithium	6-1	2073269	2062469	2051067	2062268	0.54	cps
Magnesium	24-2	27143	27043	26834	27007	0.58	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	553	500	523	526	5.09	cps
Molybdenum	94-1	22828	22160	23171	22720	2.26	cps
Molybdenum	95-1	27980	28665	27663	28102	1.82	cps
Molybdenum	96-1	31070	31563	31947	31526	1.39	cps
Molybdenum	97-1	18088	18079	17504	17890	1.87	cps
Molybdenum	98-1	45118	45302	46163	45528	1.23	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1127	1060	987	1058	6.62	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	17387	18154	16569	17370	4.56	cps
Rhodium	103-1	9852028	9884872	9982396	9906432	0.68	cps
Rhodium	103-2	3132955	3178568	3027764	3113095	2.48	cps
Scandium	45-1	6561808	6559705	6510729	6544081	0.44	cps
Scandium	45-2	57919	59997	56436	58117	3.08	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	15	50	13	26	80.51	cps
Selenium	82-1	894	959	997	950	5.49	cps
Silicon	28-1	392699	393663	394127	393496	0.19	cps
Silver	109-1	14141	14116	13783	14013	1.43	cps
Silver	107-1	14817	15159	14984	14987	1.14	cps
Sodium	23-2	65032	66355	65527	65638	1.02	cps
Strontium	86-1	4343	4192	4126	4220	2.63	cps
Strontium	88-1	31746	29566	30309	30541	3.63	cps
Sulfur	34-1	399308	403639	408493	403813	1.14	cps
Terbium	159-1	12920079	13058901	13046880	13008620	0.59	cps
Terbium	159-2	3620451	3697075	3522704	3613410	2.42	cps
Thallium	203-1	10780	10463	10471	10572	1.71	cps
Thallium	205-1	24516	24817	25243	24859	1.47	cps
Tin	118-1	43455	42610	42511	42859	1.21	cps
Titanium	47-1	7828	8520	8094	8147	4.28	cps
Uranium	238-1	33045	33204	34290	33513	2.02	cps
Vanadium	51-2	5034	4748	5071	4951	3.58	cps
Yttrium	89-1	10382906	10459761	10515104	10452590	0.64	cps
Yttrium	89-2	411618	416752	397305	408559	2.47	cps
Zinc	66-2	757	773	733	754	2.66	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:02:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17662	18321	18071	18018	1.85	cps
Zirconium	91-1	3984	4001	4209	4065	3.09	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12096	12186	12351	12211	1.06	cps
Antimony	121-1	605173	606578	605023	605591	0.14	cps
Arsenic	75-2	8191	8247	7973	8137	1.78	cps
Barium	135-1	654669	660005	666531	660402	0.90	cps
Barium	137-1	1146402	1153667	1160657	1153575	0.62	cps
Beryllium	9-1	99721	101949	101713	101128	1.21	cps
Bismuth	209-1	8341750	8519027	8287756	8382845	1.44	cps
Bismuth	209-2	2986532	2932898	2996592	2972008	1.15	cps
Boron	10-1	10721	10988	11188	10966	2.14	cps
Boron	11-1	52748	53125	55416	53763	2.69	cps
Cadmium	111-1	149912	151019	149222	150051	0.60	cps
Cadmium	106-1	17687	17445	16728	17287	2.89	cps
Cadmium	108-1	10429	10350	10383	10388	0.38	cps
Calcium	43-1	166651	167765	166071	166829	0.52	cps
Calcium	44-1	2762340	2746501	2750815	2753219	0.30	cps
Chromium	52-2	72476	72654	72285	72472	0.25	cps
Cobalt	59-2	150119	148729	149420	149423	0.46	cps
Copper	63-2	273025	271591	271264	271960	0.34	cps
Dysprosium	156-1	50	33	8	31	68.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	83	58	42	61	34.32	cps
Erbium	164-2	20	17	7	14	48.02	cps
Gadolinium	160-1	75	33	83	64	41.93	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	12856664	12868767	12669813	12798415	0.87	cps
Holmium	165-2	3641573	3573181	3587019	3600591	1.00	cps
Indium	115-1	10122499	10114377	10152731	10129869	0.20	cps
Indium	115-2	568525	552118	555363	558669	1.56	cps
Iron	56-2	2713534	2685705	2686321	2695187	0.59	cps
Iron	57-2	66157	68038	66436	66877	1.52	cps
Krypton	83-1	520	460	530	503	7.52	cps
Lead	206-1	410232	411376	412330	411313	0.26	cps
Lead	207-1	373105	377224	375496	375275	0.55	cps
Lead	208-1	1677586	1687895	1680611	1682030	0.32	cps
Lithium	6-1	2137612	2139398	2103101	2126703	0.96	cps
Magnesium	24-2	272710	271667	271455	271944	0.25	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44253	43872	43541	43889	0.81	cps
Molybdenum	94-1	1136914	1133941	1145084	1138646	0.51	cps
Molybdenum	95-1	1409067	1414866	1445093	1423009	1.36	cps
Molybdenum	96-1	1595402	1591546	1620273	1602407	0.97	cps
Molybdenum	97-1	877507	881064	890392	882988	0.75	cps
Molybdenum	98-1	2267378	2311704	2282932	2287338	0.98	cps
Neodymium	150-1	27	40	40	36	21.64	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	46735	47076	47518	47109	0.83	cps
Phosphorus	31-2	758	667	900	775	15.17	cps
Potassium	39-2	72738	72060	75938	73579	2.82	cps
Rhodium	103-1	10059294	10048961	9996005	10034753	0.34	cps
Rhodium	103-2	3130504	3055049	3045172	3076908	1.52	cps
Scandium	45-1	6740729	6735518	6617700	6697982	1.04	cps
Scandium	45-2	59897	57467	57919	58428	2.21	cps
Selenium	77-2	70	97	57	74	27.36	cps
Selenium	78-2	193	219	231	214	9.24	cps
Selenium	82-1	9008	9048	8963	9007	0.47	cps
Silicon	28-1	667991	670405	671170	669855	0.25	cps
Silver	109-1	693318	697311	694704	695111	0.29	cps
Silver	107-1	731127	729626	737386	732713	0.56	cps
Sodium	23-2	600522	588716	596529	595256	1.01	cps
Strontium	86-1	168368	172495	171246	170703	1.24	cps
Strontium	88-1	1494268	1492356	1484154	1490259	0.36	cps
Sulfur	34-1	443496	446090	447149	445578	0.42	cps
Terbium	159-1	13427768	13413366	13153394	13331509	1.16	cps
Terbium	159-2	3654815	3597604	3636254	3629558	0.80	cps
Thallium	203-1	510795	506252	502074	506374	0.86	cps
Thallium	205-1	1211342	1209881	1222541	1214588	0.57	cps
Tin	118-1	429303	427147	432402	429618	0.61	cps
Titanium	47-1	399766	397124	399056	398649	0.34	cps
Uranium	238-1	1703477	1708986	1678556	1697006	0.96	cps
Vanadium	51-2	49728	49447	49621	49599	0.29	cps
Yttrium	89-1	10739560	10677487	10618623	10678557	0.57	cps
Yttrium	89-2	413281	401466	403122	405956	1.58	cps
Zinc	66-2	25831	25417	25858	25702	0.96	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:06:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	921690	935232	933056	929993	0.78	cps
Zirconium	91-1	207113	207975	205867	206985	0.51	cps

LB Number : LB98798 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 18:10:28 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29428	29593	29608	29543	0.34	cps
Antimony	121-1	1516278	1539401	1526253	1527310	0.76	cps
Arsenic	75-2	19798	19686	19588	19691	0.53	cps
Barium	135-1	1680647	1701819	1680014	1687493	0.74	cps
Barium	137-1	2922456	2971854	2931887	2942066	0.89	cps
Beryllium	9-1	253351	254203	253620	253724	0.17	cps
Bismuth	209-1	8365567	8387805	8312179	8355184	0.47	cps
Bismuth	209-2	3024055	2985336	3012763	3007385	0.66	cps
Boron	10-1	26166	26935	26150	26417	1.70	cps
Boron	11-1	129866	132742	134064	132224	1.62	cps
Cadmium	111-1	372690	372617	371551	372286	0.17	cps
Cadmium	106-1	40294	39693	39759	39916	0.83	cps
Cadmium	108-1	26647	26101	26647	26465	1.19	cps
Calcium	43-1	414981	411702	410643	412442	0.55	cps
Calcium	44-1	6636996	6672861	6630313	6646723	0.34	cps
Chromium	52-2	177972	176436	174611	176340	0.95	cps
Cobalt	59-2	365817	362548	363331	363899	0.47	cps
Copper	63-2	664903	663857	665980	664913	0.16	cps
Dysprosium	156-1	25	33	33	31	15.75	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	0	10	20	10	100.00	cps
Gadolinium	160-1	100	117	92	103	12.39	cps
Gadolinium	160-2	13	23	7	14	58.06	cps
Holmium	165-1	12943037	13040331	12897391	12960253	0.56	cps
Holmium	165-2	3636624	3617008	3648026	3633886	0.43	cps
Indium	115-1	10104128	10098492	10125050	10109223	0.14	cps
Indium	115-2	563633	554084	558961	558893	0.85	cps
Iron	56-2	6549006	6551145	6520856	6540336	0.26	cps
Iron	57-2	162187	164693	165099	163993	0.96	cps
Krypton	83-1	527	500	490	506	3.75	cps
Lead	206-1	1039946	1045708	1050670	1045441	0.51	cps
Lead	207-1	945869	948314	957332	950505	0.64	cps
Lead	208-1	4315812	4270116	4298767	4294898	0.54	cps
Lithium	6-1	2161574	2118366	2143740	2141227	1.01	cps
Magnesium	24-2	663225	662606	657388	661073	0.48	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:10:28	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107509	108275	106216	107334	0.97	cps
Molybdenum	94-1	2887556	2895231	2864501	2882429	0.55	cps
Molybdenum	95-1	3570187	3587290	3580089	3579189	0.24	cps
Molybdenum	96-1	3990489	3960077	3971562	3974043	0.39	cps
Molybdenum	97-1	2266094	2248312	2280596	2265001	0.71	cps
Molybdenum	98-1	5675438	5613939	5674550	5654642	0.62	cps
Neodymium	150-1	100	87	80	89	11.46	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	113723	114627	113108	113819	0.67	cps
Phosphorus	31-2	2209	1992	1934	2045	7.09	cps
Potassium	39-2	172216	174114	175481	173937	0.94	cps
Rhodium	103-1	9944740	9831525	9936354	9904206	0.64	cps
Rhodium	103-2	3106557	3058863	3048194	3071204	1.01	cps
Scandium	45-1	6530808	6627449	6496276	6551511	1.04	cps
Scandium	45-2	57226	56928	57581	57245	0.57	cps
Selenium	77-2	157	150	160	156	3.27	cps
Selenium	78-2	533	537	596	556	6.36	cps
Selenium	82-1	22528	22402	22650	22527	0.55	cps
Silicon	28-1	1182179	1173243	1179648	1178357	0.39	cps
Silver	109-1	1730075	1744199	1742608	1738961	0.44	cps
Silver	107-1	1864740	1861594	1862360	1862898	0.09	cps
Sodium	23-2	1468652	1448117	1457972	1458247	0.70	cps
Strontium	86-1	427796	423002	429890	426896	0.83	cps
Strontium	88-1	3694122	3719122	3703993	3705746	0.34	cps
Sulfur	34-1	506390	504400	503463	504751	0.30	cps
Terbium	159-1	13404959	13671849	13530549	13535786	0.99	cps
Terbium	159-2	3687162	3655873	3719028	3687354	0.86	cps
Thallium	203-1	1293603	1292156	1306439	1297399	0.61	cps
Thallium	205-1	3143500	3142168	3155862	3147177	0.24	cps
Tin	118-1	1085695	1074653	1092208	1084185	0.82	cps
Titanium	47-1	988099	989528	986117	987915	0.17	cps
Uranium	238-1	4343046	4345006	4286355	4324802	0.77	cps
Vanadium	51-2	123095	122201	121703	122333	0.58	cps
Yttrium	89-1	10605457	10627843	10612779	10615359	0.11	cps
Yttrium	89-2	406759	401855	404281	404298	0.61	cps
Zinc	66-2	62741	61961	63481	62728	1.21	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:10:28	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2367048	2396807	2340222	2368026	1.20	cps
Zirconium	91-1	521678	524959	519224	521954	0.55	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59418	58233	58702	58784	1.02	cps
Antimony	121-1	3122678	3127519	3140103	3130100	0.29	cps
Arsenic	75-2	39057	38894	39484	39145	0.78	cps
Barium	135-1	3361997	3368078	3420643	3383573	0.95	cps
Barium	137-1	5784137	5859176	5953426	5865579	1.45	cps
Beryllium	9-1	504334	504722	511625	506894	0.81	cps
Bismuth	209-1	8677189	8382246	7625630	8228355	6.59	cps
Bismuth	209-2	3011415	3062553	2930481	3001483	2.22	cps
Boron	10-1	51736	53057	54914	53236	3.00	cps
Boron	11-1	257533	264573	268621	263575	2.13	cps
Cadmium	111-1	744713	746925	748598	746745	0.26	cps
Cadmium	106-1	76668	77229	78051	77316	0.90	cps
Cadmium	108-1	53414	52050	52163	52542	1.44	cps
Calcium	43-1	820524	815626	819995	818715	0.33	cps
Calcium	44-1	13189647	13198248	13248801	13212232	0.24	cps
Chromium	52-2	348740	347790	345881	347470	0.42	cps
Cobalt	59-2	720216	717032	723571	720273	0.45	cps
Copper	63-2	1313329	1305535	1305020	1307961	0.36	cps
Dysprosium	156-1	33	83	67	61	41.67	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	58	67	42	56	22.91	cps
Erbium	164-2	10	7	27	14	74.18	cps
Gadolinium	160-1	75	100	100	92	15.75	cps
Gadolinium	160-2	10	13	20	14	35.26	cps
Holmium	165-1	13450762	13087395	11906535	12814898	6.30	cps
Holmium	165-2	3636646	3666835	3548019	3617167	1.71	cps
Indium	115-1	10386254	10085809	9098281	9856781	6.84	cps
Indium	115-2	548001	548847	537547	544798	1.16	cps
Iron	56-2	12808948	12763445	12863901	12812098	0.39	cps
Iron	57-2	324210	321446	325063	323573	0.58	cps
Krypton	83-1	483	473	577	511	11.15	cps
Lead	206-1	2143784	2134190	2160389	2146121	0.62	cps
Lead	207-1	1956342	1933278	1960853	1950158	0.76	cps
Lead	208-1	8704722	8705532	8775363	8728539	0.46	cps
Lithium	6-1	2165017	2130241	1922569	2072609	6.33	cps
Magnesium	24-2	1345509	1334030	1333590	1337710	0.51	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	213404	213492	212843	213247	0.17	cps
Molybdenum	94-1	5720515	5757924	5682932	5720457	0.66	cps
Molybdenum	95-1	7091269	7097090	7102386	7096915	0.08	cps
Molybdenum	96-1	7913260	7968575	7928905	7936913	0.36	cps
Molybdenum	97-1	4520495	4516702	4537893	4525030	0.25	cps
Molybdenum	98-1	11354603	11397381	11330527	11360837	0.30	cps
Neodymium	150-1	153	133	160	149	9.32	cps
Neodymium	150-2	3	0	13	6	124.93	cps
Nickel	60-2	221703	224865	223568	223379	0.71	cps
Phosphorus	31-2	3759	3926	3784	3823	2.35	cps
Potassium	39-2	335750	337320	335962	336344	0.25	cps
Rhodium	103-1	10110724	9836667	8915856	9621082	6.51	cps
Rhodium	103-2	3044718	3035803	3005253	3028591	0.68	cps
Scandium	45-1	6705830	6487823	5841449	6345034	7.08	cps
Scandium	45-2	57059	58036	56359	57151	1.47	cps
Selenium	77-2	337	337	320	331	2.91	cps
Selenium	78-2	1045	1115	1120	1093	3.87	cps
Selenium	82-1	44903	45204	45387	45165	0.54	cps
Silicon	28-1	2004803	2000148	2027797	2010916	0.74	cps
Silver	109-1	3487882	3437601	3466278	3463920	0.73	cps
Silver	107-1	3721775	3718091	3739397	3726421	0.31	cps
Sodium	23-2	2890869	2861194	2837011	2863025	0.94	cps
Strontium	86-1	862168	853770	866980	860973	0.78	cps
Strontium	88-1	7380685	7298343	7457710	7378913	1.08	cps
Sulfur	34-1	593539	588333	588005	589959	0.53	cps
Terbium	159-1	13949086	13645566	12350688	13315113	6.38	cps
Terbium	159-2	3696584	3702037	3615827	3671483	1.31	cps
Thallium	203-1	2655751	2664957	2668869	2663192	0.25	cps
Thallium	205-1	6281365	6290574	6336985	6302975	0.47	cps
Tin	118-1	2222204	2200465	2195395	2206021	0.65	cps
Titanium	47-1	2013654	1984757	2007927	2002113	0.76	cps
Uranium	238-1	8709559	8683456	8645392	8679469	0.37	cps
Vanadium	51-2	240519	241204	242352	241359	0.38	cps
Yttrium	89-1	10937332	10637762	9702780	10425958	6.18	cps
Yttrium	89-2	399249	400480	393062	397597	1.00	cps
Zinc	66-2	123487	123614	123217	123440	0.16	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:14:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4695140	4764383	4700132	4719885	0.82	cps
Zirconium	91-1	1046301	1053700	1060365	1053455	0.67	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	113516	111333	111217	112022	1.16	cps
Antimony	121-1	6185263	6187097	6221444	6197935	0.33	cps
Arsenic	75-2	77706	75615	75978	76433	1.46	cps
Barium	135-1	6707853	6763064	6821007	6763974	0.84	cps
Barium	137-1	11710125	11723859	11685246	11706410	0.17	cps
Beryllium	9-1	995110	988378	992810	992100	0.34	cps
Bismuth	209-1	8747141	8627553	8407904	8594199	2.00	cps
Bismuth	209-2	2878218	2913986	2931051	2907751	0.93	cps
Boron	10-1	104042	104109	105831	104660	0.97	cps
Boron	11-1	511425	524317	530002	521915	1.82	cps
Cadmium	111-1	1488329	1480987	1491752	1487023	0.37	cps
Cadmium	106-1	149418	150583	152100	150700	0.89	cps
Cadmium	108-1	104623	104392	105428	104814	0.52	cps
Calcium	43-1	1638434	1658182	1640099	1645572	0.67	cps
Calcium	44-1	26387478	26148693	26280191	26272121	0.46	cps
Chromium	52-2	675281	665702	667507	669496	0.76	cps
Cobalt	59-2	1389483	1378297	1371907	1379896	0.64	cps
Copper	63-2	2531635	2480225	2526892	2512918	1.13	cps
Dysprosium	156-1	42	83	92	72	37.09	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	33	75	42	50	44.10	cps
Erbium	164-2	3	3	20	9	108.30	cps
Gadolinium	160-1	158	92	150	133	27.24	cps
Gadolinium	160-2	23	33	23	27	21.65	cps
Holmium	165-1	13564232	13468823	13308592	13447216	0.96	cps
Holmium	165-2	3557893	3572351	3584152	3571465	0.37	cps
Indium	115-1	10295453	10085949	10132754	10171385	1.08	cps
Indium	115-2	528040	533732	528105	529959	0.62	cps
Iron	56-2	24877940	24447027	24501082	24608683	0.95	cps
Iron	57-2	622455	617237	620554	620082	0.43	cps
Krypton	83-1	467	567	533	522	9.75	cps
Lead	206-1	4282326	4314355	4201562	4266081	1.36	cps
Lead	207-1	3942299	3915746	3886578	3914874	0.71	cps
Lead	208-1	17439396	17398717	17213562	17350558	0.69	cps
Lithium	6-1	2169857	2154974	2114348	2146393	1.34	cps
Magnesium	24-2	2599103	2497712	2491316	2529377	2.39	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	412318	405915	407108	408447	0.83	cps
Molybdenum	94-1	11369780	11392409	11471712	11411300	0.47	cps
Molybdenum	95-1	14062930	14197814	14306957	14189234	0.86	cps
Molybdenum	96-1	15777796	15905850	16080352	15921333	0.95	cps
Molybdenum	97-1	8879539	8938837	9084318	8967564	1.17	cps
Molybdenum	98-1	22802485	22821797	23025111	22883131	0.54	cps
Neodymium	150-1	327	353	300	327	8.16	cps
Neodymium	150-2	17	7	3	9	78.08	cps
Nickel	60-2	426577	422280	422021	423626	0.60	cps
Phosphorus	31-2	7294	7519	7569	7461	1.96	cps
Potassium	39-2	656355	644930	643902	648396	1.07	cps
Rhodium	103-1	9964274	9905611	9934242	9934709	0.30	cps
Rhodium	103-2	2946953	2931288	2918210	2932150	0.49	cps
Scandium	45-1	6696348	6507853	6590681	6598294	1.43	cps
Scandium	45-2	55499	54864	55971	55445	1.00	cps
Selenium	77-2	630	507	597	578	11.04	cps
Selenium	78-2	2169	1985	2069	2074	4.43	cps
Selenium	82-1	88593	89838	89427	89286	0.71	cps
Silicon	28-1	3601422	3618782	3604812	3608339	0.26	cps
Silver	109-1	6791810	6753316	6791088	6778738	0.32	cps
Silver	107-1	7170554	7239330	7237499	7215794	0.54	cps
Sodium	23-2	5463081	5355656	5376730	5398489	1.05	cps
Strontium	86-1	1719613	1734905	1703782	1719433	0.91	cps
Strontium	88-1	14693435	14839986	14760381	14764601	0.50	cps
Sulfur	34-1	776696	778521	777883	777700	0.12	cps
Terbium	159-1	14210163	14108346	13917924	14078811	1.05	cps
Terbium	159-2	3631728	3636766	3627355	3631950	0.13	cps
Thallium	203-1	5285989	5324886	5234624	5281833	0.86	cps
Thallium	205-1	12529250	12634002	12377200	12513484	1.03	cps
Tin	118-1	4383246	4328565	4328480	4346764	0.73	cps
Titanium	47-1	3918077	3903964	3917101	3913047	0.20	cps
Uranium	238-1	17504658	17521459	17522943	17516353	0.06	cps
Vanadium	51-2	472477	468078	464102	468219	0.89	cps
Yttrium	89-1	10897538	10871758	10720577	10829958	0.88	cps
Yttrium	89-2	388281	386925	387574	387593	0.17	cps
Zinc	66-2	239014	233359	236338	236237	1.20	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:17:29	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9418421	9346956	9409060	9391479	0.41	cps
Zirconium	91-1	2133636	2115619	2115886	2121714	0.49	cps

LB Number : LB98798 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 18:20:53 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	235287	233762	231615	233555	0.79	cps
Antimony	121-1	12299788	12305750	12390078	12331872	0.41	cps
Arsenic	75-2	158990	157806	156900	157899	0.66	cps
Barium	135-1	13500902	13413174	13404131	13439402	0.40	cps
Barium	137-1	23545606	23505967	23381752	23477775	0.36	cps
Beryllium	9-1	1964908	1967410	1987682	1973333	0.63	cps
Bismuth	209-1	7868112	8423199	8528442	8273251	4.29	cps
Bismuth	209-2	2967051	2956306	3017154	2980170	1.09	cps
Boron	10-1	205350	212373	215484	211069	2.46	cps
Boron	11-1	1020318	1065883	1079106	1055102	2.92	cps
Cadmium	111-1	2931299	2980359	2915128	2942262	1.15	cps
Cadmium	106-1	294944	293279	292996	293740	0.36	cps
Cadmium	108-1	205974	206628	207050	206551	0.26	cps
Calcium	43-1	3245701	3264853	3262245	3257599	0.32	cps
Calcium	44-1	52372850	52266358	52380207	52339805	0.12	cps
Chromium	52-2	1400038	1362388	1388690	1383705	1.40	cps
Cobalt	59-2	2860400	2861575	2839693	2853889	0.43	cps
Copper	63-2	5070598	5078479	5010536	5053205	0.74	cps
Dysprosium	156-1	92	158	142	131	26.57	cps
Dysprosium	156-2	20	7	3	10	88.20	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	83	158	117	119	31.46	cps
Gadolinium	160-2	40	13	10	21	77.90	cps
Holmium	165-1	12528803	13370836	13617050	13172230	4.33	cps
Holmium	165-2	3732314	3710218	3744314	3728949	0.46	cps
Indium	115-1	9311194	9976370	10209076	9832214	4.74	cps
Indium	115-2	542519	540110	545198	542609	0.47	cps
Iron	56-2	50574641	50976253	50210655	50587183	0.76	cps
Iron	57-2	1275902	1277962	1272891	1275585	0.20	cps
Krypton	83-1	523	500	503	509	2.48	cps
Lead	206-1	8392553	8297507	8272157	8320739	0.76	cps
Lead	207-1	7607560	7619034	7596598	7607731	0.15	cps
Lead	208-1	34192959	34043269	34003409	34079879	0.29	cps
Lithium	6-1	1960283	2119512	2193335	2091043	5.70	cps
Magnesium	24-2	5157659	5169021	5098219	5141633	0.74	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:20:53	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	842421	845637	838280	842113	0.44	cps
Molybdenum	94-1	22974618	22960756	22813759	22916377	0.39	cps
Molybdenum	95-1	28600503	28352880	28590930	28514771	0.49	cps
Molybdenum	96-1	32160283	31987228	31907057	32018189	0.40	cps
Molybdenum	97-1	17993156	17918115	17881121	17930797	0.32	cps
Molybdenum	98-1	45789780	45748827	45491620	45676742	0.35	cps
Neodymium	150-1	480	613	487	527	14.26	cps
Neodymium	150-2	13	13	13	13	0.00	cps
Nickel	60-2	864817	868369	862547	865244	0.34	cps
Phosphorus	31-2	15568	15893	15618	15693	1.12	cps
Potassium	39-2	1359946	1360663	1360365	1360324	0.03	cps
Rhodium	103-1	8943858	9792129	9845073	9527020	5.31	cps
Rhodium	103-2	3005728	3004651	3007693	3006024	0.05	cps
Scandium	45-1	6075571	6576054	6727730	6459785	5.28	cps
Scandium	45-2	57905	58421	58963	58430	0.91	cps
Selenium	77-2	1197	1203	1253	1218	2.54	cps
Selenium	78-2	4208	4404	4282	4298	2.31	cps
Selenium	82-1	178531	177741	177071	177781	0.41	cps
Silicon	28-1	6590922	6629969	6586424	6602439	0.36	cps
Silver	109-1	13415767	13480645	13390266	13428893	0.35	cps
Silver	107-1	14219539	14298376	14257315	14258410	0.28	cps
Sodium	23-2	11119287	11091084	11092743	11101038	0.14	cps
Strontium	86-1	3395000	3448169	3424996	3422722	0.78	cps
Strontium	88-1	29557373	29684843	29672412	29638209	0.24	cps
Sulfur	34-1	1016211	1018385	1024757	1019784	0.44	cps
Terbium	159-1	12960237	13945708	14104711	13670219	4.54	cps
Terbium	159-2	3777831	3763578	3794943	3778784	0.42	cps
Thallium	203-1	10517883	10393287	10324834	10412001	0.94	cps
Thallium	205-1	24984541	24736140	24780057	24833579	0.53	cps
Tin	118-1	8774106	8635741	8706432	8705426	0.79	cps
Titanium	47-1	7762396	7822344	7776071	7786937	0.40	cps
Uranium	238-1	34884804	35335245	34991763	35070604	0.67	cps
Vanadium	51-2	970215	968700	965808	968241	0.23	cps
Yttrium	89-1	9991749	10833199	11065455	10630134	5.31	cps
Yttrium	89-2	405017	407607	409556	407394	0.56	cps
Zinc	66-2	476262	480075	472332	476223	0.81	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:20:53	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18832846	18875912	18878575	18862445	0.14	cps
Zirconium	91-1	4261575	4165230	4226573	4217793	1.16	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1274801	1258125	1267441	1266789	0.66	cps
Antimony	121-1	31655	30570	29308	30511	3.85	cps
Arsenic	75-2	80	76	78	78	2.38	cps
Barium	135-1	4059	3717	4184	3987	6.06	cps
Barium	137-1	6685	6635	6627	6649	0.47	cps
Beryllium	9-1	394	406	383	394	2.82	cps
Bismuth	209-1	7291747	7187031	7177719	7218832	0.88	cps
Bismuth	209-2	2848049	2848467	2825675	2840730	0.46	cps
Boron	10-1	11964	11263	10004	11077	8.97	cps
Boron	11-1	55433	51284	46284	51000	8.98	cps
Cadmium	111-1	2417	2601	2267	2428	6.88	cps
Cadmium	106-1	2642	2967	2559	2723	7.93	cps
Cadmium	108-1	88	38	58	61	41.10	cps
Calcium	43-1	15752267	15883780	15778784	15804944	0.44	cps
Calcium	44-1	256702989	260095989	260215956	259004978	0.77	cps
Chromium	52-2	56340	57267	57441	57016	1.04	cps
Cobalt	59-2	4734	4284	4934	4651	7.16	cps
Copper	63-2	13246	13654	13437	13446	1.51	cps
Dysprosium	156-1	92	117	75	94	22.21	cps
Dysprosium	156-2	37	30	33	33	10.01	cps
Erbium	164-1	133	58	75	89	44.30	cps
Erbium	164-2	20	27	7	18	57.27	cps
Gadolinium	160-1	167	200	142	169	17.27	cps
Gadolinium	160-2	63	37	40	47	31.13	cps
Holmium	165-1	12191406	12152911	12046408	12130242	0.62	cps
Holmium	165-2	3724665	3744314	3743318	3737432	0.30	cps
Indium	115-1	9232095	9218322	9208722	9219713	0.13	cps
Indium	115-2	566604	568806	571333	568914	0.42	cps
Iron	56-2	254060856	255758300	256123550	255314235	0.43	cps
Iron	57-2	6293518	6378226	6379981	6350575	0.78	cps
Krypton	83-1	500	510	457	489	5.80	cps
Lead	206-1	14364	14503	14214	14360	1.01	cps
Lead	207-1	12084	12290	12201	12191	0.85	cps
Lead	208-1	56896	56862	56657	56805	0.23	cps
Lithium	6-1	2297216	2377037	2375199	2349818	1.94	cps
Magnesium	24-2	25211614	25322559	25550296	25361490	0.68	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5124	5018	4941	5028	1.83	cps
Molybdenum	94-1	28648	28506	28180	28445	0.84	cps
Molybdenum	95-1	46665	46272	44323	45753	2.74	cps
Molybdenum	96-1	50419	50353	49776	50183	0.71	cps
Molybdenum	97-1	27554	28281	26661	27498	2.95	cps
Molybdenum	98-1	71756	70342	66330	69476	4.05	cps
Neodymium	150-1	160	240	167	189	23.50	cps
Neodymium	150-2	40	47	37	41	12.39	cps
Nickel	60-2	23417	23043	22999	23153	0.99	cps
Phosphorus	31-2	25	33	25	28	17.33	cps
Potassium	39-2	6888009	6971915	7044566	6968163	1.12	cps
Rhodium	103-1	8764573	8853762	8759072	8792469	0.60	cps
Rhodium	103-2	2828822	2777822	2826551	2811065	1.02	cps
Scandium	45-1	6310640	6396053	6387044	6364579	0.74	cps
Scandium	45-2	56948	56758	57939	57215	1.11	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	9	4	6	57.80	cps
Selenium	82-1	137	130	229	165	33.41	cps
Silicon	28-1	606926	616893	626039	616619	1.55	cps
Silver	109-1	2284	1817	1709	1936	15.78	cps
Silver	107-1	2142	2159	1942	2081	5.80	cps
Sodium	23-2	53495941	53670314	53749343	53638532	0.24	cps
Strontium	86-1	17796	17737	17804	17779	0.20	cps
Strontium	88-1	149016	148989	148273	148759	0.28	cps
Sulfur	34-1	349827	354726	356753	353768	1.01	cps
Terbium	159-1	12572916	12755960	12563179	12630685	0.86	cps
Terbium	159-2	3766893	3805815	3802424	3791711	0.57	cps
Thallium	203-1	5160	4701	4534	4798	6.75	cps
Thallium	205-1	13049	11339	10897	11761	9.66	cps
Tin	118-1	12615	11906	12106	12209	2.99	cps
Titanium	47-1	3309	3117	3226	3217	2.99	cps
Uranium	238-1	7719	7311	7019	7350	4.79	cps
Vanadium	51-2	487	417	400	434	10.59	cps
Yttrium	89-1	9895698	10015818	9908068	9939862	0.66	cps
Yttrium	89-2	416216	415765	418874	416952	0.40	cps
Zinc	66-2	6475	6422	6615	6504	1.54	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:24:11	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11380	11355	11263	11333	0.54	cps
Zirconium	91-1	2750	2567	2267	2528	9.66	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:28:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6523	6586	6766	6625	1.90	cps
Antimony	121-1	2380479	2370430	2350616	2367175	0.64	cps
Arsenic	75-2	33711	33216	33609	33512	0.78	cps
Barium	135-1	259965	260625	259107	259899	0.29	cps
Barium	137-1	454299	454149	452154	453534	0.26	cps
Beryllium	9-1	221821	221157	217074	220017	1.17	cps
Bismuth	209-1	8065282	8084592	8132454	8094109	0.43	cps
Bismuth	209-2	3150793	3255949	3179580	3195441	1.70	cps
Boron	10-1	118780	123317	123535	121877	2.20	cps
Boron	11-1	581416	591387	594670	589158	1.17	cps
Cadmium	111-1	288491	289700	291529	289907	0.53	cps
Cadmium	106-1	28748	27654	28890	28431	2.38	cps
Cadmium	108-1	19156	19994	18709	19286	3.38	cps
Calcium	43-1	76568	75386	78335	76763	1.93	cps
Calcium	44-1	1257272	1268306	1279879	1268486	0.89	cps
Chromium	52-2	142028	142028	142042	142033	0.01	cps
Cobalt	59-2	298350	299972	301744	300022	0.57	cps
Copper	63-2	275370	271919	275461	274250	0.74	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	83	58	117	86	33.98	cps
Erbium	164-2	33	50	27	37	32.78	cps
Gadolinium	160-1	108	192	125	142	31.13	cps
Gadolinium	160-2	13	27	7	16	65.47	cps
Holmium	165-1	12562357	12635815	12908995	12702389	1.44	cps
Holmium	165-2	3839329	3909990	3809661	3852993	1.34	cps
Indium	115-1	9963204	9997232	10270634	10077024	1.67	cps
Indium	115-2	607629	618329	607605	611188	1.01	cps
Iron	56-2	1093896	1089362	1097969	1093742	0.39	cps
Iron	57-2	27622	27522	27183	27442	0.84	cps
Krypton	83-1	463	547	430	480	12.52	cps
Lead	206-1	1627722	1607163	1610559	1615148	0.68	cps
Lead	207-1	1413565	1419113	1408797	1413825	0.37	cps
Lead	208-1	6523157	6492352	6444993	6486834	0.61	cps
Lithium	6-1	2442985	2429906	2449391	2440761	0.41	cps
Magnesium	24-2	64522	65853	64832	65069	1.07	cps

LB Number : LB98798 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 18:28:17 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45267	44882	45868	45339	1.10	cps
Molybdenum	94-1	1623915	1630889	1636333	1630379	0.38	cps
Molybdenum	95-1	2870303	2886366	2868757	2875142	0.34	cps
Molybdenum	96-1	3114924	3111965	3080645	3102512	0.61	cps
Molybdenum	97-1	1822318	1830486	1819110	1823971	0.32	cps
Molybdenum	98-1	4599913	4601600	4595553	4599022	0.07	cps
Neodymium	150-1	0	20	33	18	94.37	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	94045	94678	94471	94398	0.34	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	60958	62314	62849	62040	1.57	cps
Rhodium	103-1	10034156	10018032	10292544	10114911	1.52	cps
Rhodium	103-2	3240343	3310157	3262864	3271121	1.09	cps
Scandium	45-1	6709404	6828676	6936146	6824742	1.66	cps
Scandium	45-2	60098	63031	61216	61448	2.41	cps
Selenium	77-2	243	250	267	253	4.74	cps
Selenium	78-2	967	1006	1009	994	2.37	cps
Selenium	82-1	35037	35067	35508	35204	0.75	cps
Silicon	28-1	3525930	3502196	3541740	3523289	0.56	cps
Silver	109-1	1363822	1356022	1355454	1358433	0.34	cps
Silver	107-1	1424574	1431260	1432336	1429390	0.29	cps
Sodium	23-2	252841	249697	250874	251137	0.63	cps
Strontium	86-1	1707168	1718726	1709333	1711742	0.36	cps
Strontium	88-1	14543366	14607596	14722783	14624582	0.62	cps
Sulfur	34-1	370435	372419	369305	370720	0.43	cps
Terbium	159-1	13214494	13187590	13476076	13292720	1.20	cps
Terbium	159-2	3885983	4020320	3901491	3935931	1.87	cps
Thallium	203-1	2051493	2042526	2052963	2048994	0.28	cps
Thallium	205-1	4872486	4878086	4865781	4872117	0.13	cps
Tin	118-1	4335395	4260393	4298736	4298175	0.87	cps
Titanium	47-1	811456	816332	820969	816252	0.58	cps
Uranium	238-1	17227802	17182607	17051804	17154071	0.53	cps
Vanadium	51-2	99756	100024	99356	99712	0.34	cps
Yttrium	89-1	10505078	10685870	10932080	10707676	2.00	cps
Yttrium	89-2	438722	452216	441972	444303	1.59	cps
Zinc	66-2	53018	52850	52526	52798	0.47	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:28:17	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16544	13499	11772	13938	17.33	cps
Zirconium	91-1	3926	3292	2584	3267	20.55	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	268	268	265	267	0.54	cps
Antimony	121-1	27822	28765	28866	28484	2.02	cps
Arsenic	75-2	246	204	187	212	14.39	cps
Barium	135-1	26360	26661	26728	26583	0.74	cps
Barium	137-1	45747	46432	45027	45736	1.54	cps
Beryllium	9-1	2250	2411	2250	2304	4.04	cps
Bismuth	209-1	8053156	8014926	8045240	8037774	0.25	cps
Bismuth	209-2	3173330	3155173	3129442	3152648	0.70	cps
Boron	10-1	8261	9120	8403	8595	5.36	cps
Boron	11-1	42063	41737	40717	41506	1.69	cps
Cadmium	111-1	4762	4625	5119	4835	5.27	cps
Cadmium	106-1	2717	2600	2992	2770	7.26	cps
Cadmium	108-1	171	279	192	214	26.88	cps
Calcium	43-1	17086	17019	18388	17498	4.41	cps
Calcium	44-1	325863	323755	325890	325169	0.38	cps
Chromium	52-2	3687	3724	3964	3792	3.96	cps
Cobalt	59-2	3180	3107	3094	3127	1.49	cps
Copper	63-2	6752	6398	6782	6644	3.21	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	50	67	64	19.92	cps
Erbium	164-2	33	13	10	19	66.81	cps
Gadolinium	160-1	125	150	100	125	20.00	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	12412646	12575802	12556810	12515086	0.71	cps
Holmium	165-2	3869573	3832532	3771746	3824617	1.29	cps
Indium	115-1	10101820	10131669	10205108	10146199	0.52	cps
Indium	115-2	620536	613076	612179	615264	0.75	cps
Iron	56-2	60230	60275	59115	59873	1.10	cps
Iron	57-2	1628	1533	1567	1576	3.04	cps
Krypton	83-1	540	497	497	511	4.89	cps
Lead	206-1	9037	8853	9131	9007	1.57	cps
Lead	207-1	8225	8414	8236	8292	1.28	cps
Lead	208-1	36900	36416	36566	36627	0.68	cps
Lithium	6-1	2204627	2238510	2233074	2225403	0.82	cps
Magnesium	24-2	27953	28688	27561	28067	2.04	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	473	487	457	472	3.18	cps
Molybdenum	94-1	23613	24114	23263	23663	1.81	cps
Molybdenum	95-1	29708	30978	30819	30502	2.27	cps
Molybdenum	96-1	34010	33434	33893	33779	0.90	cps
Molybdenum	97-1	19390	19782	18664	19278	2.94	cps
Molybdenum	98-1	48396	48998	47852	48416	1.18	cps
Neodymium	150-1	7	33	0	13	132.28	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	980	1043	983	1002	3.56	cps
Phosphorus	31-2	17	8	33	19	65.47	cps
Potassium	39-2	18096	18872	18045	18338	2.53	cps
Rhodium	103-1	10072677	10210989	10195247	10159638	0.75	cps
Rhodium	103-2	3327460	3280262	3298336	3302019	0.72	cps
Scandium	45-1	6834319	6829299	6875267	6846295	0.37	cps
Scandium	45-2	63288	63111	62696	63032	0.48	cps
Selenium	77-2	13	17	7	12	41.65	cps
Selenium	78-2	41	19	20	27	46.45	cps
Selenium	82-1	885	945	989	940	5.55	cps
Silicon	28-1	405331	402406	401024	402921	0.55	cps
Silver	109-1	14892	14592	14775	14753	1.03	cps
Silver	107-1	14984	15768	15193	15315	2.65	cps
Sodium	23-2	75794	72828	72217	73613	2.60	cps
Strontium	86-1	4193	4493	4201	4295	3.98	cps
Strontium	88-1	30936	31337	30042	30772	2.15	cps
Sulfur	34-1	371720	369724	372916	371454	0.43	cps
Terbium	159-1	13095059	13300987	13114061	13170036	0.86	cps
Terbium	159-2	3926443	3930359	3865426	3907409	0.93	cps
Thallium	203-1	11631	11347	11147	11375	2.14	cps
Thallium	205-1	27664	28015	26846	27509	2.18	cps
Tin	118-1	45587	46365	44826	45593	1.69	cps
Titanium	47-1	8870	8620	9037	8842	2.37	cps
Uranium	238-1	31959	33563	32126	32549	2.71	cps
Vanadium	51-2	5294	5071	4961	5109	3.33	cps
Yttrium	89-1	10718574	10796615	10791607	10768932	0.41	cps
Yttrium	89-2	447987	442999	442519	444502	0.68	cps
Zinc	66-2	823	707	767	766	7.62	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:34:38	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17270	17929	18180	17793	2.64	cps
Zirconium	91-1	3759	4093	3834	3895	4.49	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:40:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	13	23	20	33.09	cps
Antimony	121-1	1592	1767	2125	1828	14.88	cps
Arsenic	75-2	15	6	20	14	55.09	cps
Barium	135-1	50	117	50	72	53.30	cps
Barium	137-1	125	83	92	100	22.05	cps
Beryllium	9-1	111	133	167	137	20.41	cps
Bismuth	209-1	8259718	8137671	7634358	8010582	4.14	cps
Bismuth	209-2	3146553	3108357	3134693	3129868	0.62	cps
Boron	10-1	2417	2209	1942	2189	10.88	cps
Boron	11-1	11405	11522	11455	11461	0.51	cps
Cadmium	111-1	1737	1607	1585	1643	5.00	cps
Cadmium	106-1	2434	2259	2225	2306	4.85	cps
Cadmium	108-1	0	4	21	8	132.26	cps
Calcium	43-1	583	558	467	536	11.46	cps
Calcium	44-1	50960	51354	51989	51434	1.01	cps
Chromium	52-2	650	583	623	619	5.42	cps
Cobalt	59-2	143	103	133	127	16.43	cps
Copper	63-2	690	517	700	636	16.22	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	33	92	67	45.07	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	23	10	7	13	66.12	cps
Holmium	165-1	12839654	12613149	11796164	12416323	4.42	cps
Holmium	165-2	3894016	3812307	3835621	3847314	1.09	cps
Indium	115-1	10380850	10440929	9713959	10178579	3.96	cps
Indium	115-2	622249	610375	619176	617267	1.00	cps
Iron	56-2	2967	2806	2728	2834	4.30	cps
Iron	57-2	44	50	89	61	39.62	cps
Krypton	83-1	477	580	523	527	9.83	cps
Lead	206-1	617	661	683	654	5.19	cps
Lead	207-1	622	561	683	622	9.82	cps
Lead	208-1	2622	2634	2895	2717	5.67	cps
Lithium	6-1	2234310	2213136	2037179	2161542	5.01	cps
Magnesium	24-2	383	275	400	353	19.24	cps

LB Number : LB98798 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-23 18:40:08 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	30	57	34	59.13	cps
Molybdenum	94-1	850	767	625	747	15.22	cps
Molybdenum	95-1	825	833	833	831	0.58	cps
Molybdenum	96-1	942	975	1092	1003	7.86	cps
Molybdenum	97-1	600	717	633	650	9.25	cps
Molybdenum	98-1	1242	1400	1400	1347	6.79	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	23	47	36	32.93	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	3276	3592	3050	3306	8.23	cps
Rhodium	103-1	10444434	10443033	9635963	10174477	4.58	cps
Rhodium	103-2	3339312	3343907	3350488	3344569	0.17	cps
Scandium	45-1	7059249	6956816	6519563	6845209	4.19	cps
Scandium	45-2	63007	63436	63643	63362	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	25	-52	33	2	2185.08	cps
Silicon	28-1	294277	294294	296470	295014	0.43	cps
Silver	109-1	200	167	175	181	9.61	cps
Silver	107-1	200	242	275	239	15.73	cps
Sodium	23-2	11297	10396	10996	10896	4.21	cps
Strontium	86-1	733	792	783	770	4.10	cps
Strontium	88-1	200	242	308	250	21.86	cps
Sulfur	34-1	374122	378495	377923	376846	0.63	cps
Terbium	159-1	13418567	13338797	12355921	13037762	4.54	cps
Terbium	159-2	3951625	3884358	3871610	3902531	1.10	cps
Thallium	203-1	1000	850	892	914	8.47	cps
Thallium	205-1	2184	2542	2159	2295	9.35	cps
Tin	118-1	1283	1125	942	1117	15.31	cps
Titanium	47-1	133	183	225	181	25.42	cps
Uranium	238-1	350	233	267	283	21.21	cps
Vanadium	51-2	13	23	13	17	34.65	cps
Yttrium	89-1	10997099	11118036	10302648	10805928	4.07	cps
Yttrium	89-2	450708	443634	450296	448213	0.89	cps
Zinc	66-2	163	140	193	166	16.15	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:40:08	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	925	817	1083	942	14.24	cps
Zirconium	91-1	142	150	183	158	13.92	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1100366	1087020	1085808	1091065	0.74	cps
Antimony	121-1	14350	15001	14375	14575	2.53	cps
Arsenic	75-2	57	59	50	56	8.82	cps
Barium	135-1	4168	4092	3959	4073	2.59	cps
Barium	137-1	6285	6719	6502	6502	3.33	cps
Beryllium	9-1	650	556	594	600	7.91	cps
Bismuth	209-1	7941404	7907406	7915128	7921313	0.22	cps
Bismuth	209-2	2970478	2867693	2907399	2915190	1.78	cps
Boron	10-1	2509	2642	2434	2528	4.17	cps
Boron	11-1	12773	13507	12731	13004	3.36	cps
Cadmium	111-1	2536	2751	2457	2581	5.91	cps
Cadmium	106-1	2509	2542	2100	2384	10.32	cps
Cadmium	108-1	1821	1809	1788	1806	0.93	cps
Calcium	43-1	3144533	3153528	3140763	3146275	0.21	cps
Calcium	44-1	50784682	50999340	51046594	50943539	0.27	cps
Chromium	52-2	27995	28830	27644	28156	2.16	cps
Cobalt	59-2	3491	3157	3457	3368	5.45	cps
Copper	63-2	20502	20565	20509	20525	0.17	cps
Dysprosium	156-1	58	50	33	47	26.97	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	142	92	50	94	48.60	cps
Erbium	164-2	27	30	10	22	48.22	cps
Gadolinium	160-1	83	183	183	150	38.49	cps
Gadolinium	160-2	17	23	20	20	16.65	cps
Holmium	165-1	12930480	12929082	13065521	12975028	0.60	cps
Holmium	165-2	3747668	3661465	3743041	3717392	1.30	cps
Indium	115-1	10069478	10062420	10068339	10066745	0.04	cps
Indium	115-2	572707	558587	570309	567201	1.33	cps
Iron	56-2	101839422	100585558	100700594	101041858	0.69	cps
Iron	57-2	2609287	2563067	2559385	2577247	1.08	cps
Krypton	83-1	500	543	493	512	5.30	cps
Lead	206-1	39919	39050	39278	39416	1.14	cps
Lead	207-1	31339	30571	31646	31185	1.78	cps
Lead	208-1	150308	147033	148890	148744	1.10	cps
Lithium	6-1	2068914	2099063	2069289	2079089	0.83	cps
Magnesium	24-2	5078461	5109820	5069074	5085785	0.42	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3320	3327	3270	3306	0.94	cps
Molybdenum	94-1	6060049	6017575	6030904	6036176	0.36	cps
Molybdenum	95-1	10609533	10574354	10720210	10634699	0.72	cps
Molybdenum	96-1	11516873	11561553	11665182	11581202	0.66	cps
Molybdenum	97-1	6755862	6676732	6765645	6732746	0.72	cps
Molybdenum	98-1	17070096	16989295	17270027	17109806	0.84	cps
Neodymium	150-1	60	53	80	64	21.53	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	4574	4674	4628	4625	1.08	cps
Phosphorus	31-2	78752	76230	77228	77404	1.64	cps
Potassium	39-2	2759122	2733426	2714520	2735689	0.82	cps
Rhodium	103-1	9694059	9744922	9639393	9692791	0.54	cps
Rhodium	103-2	3060341	3021605	3102659	3061535	1.32	cps
Scandium	45-1	6733207	6764855	6765836	6754633	0.27	cps
Scandium	45-2	60335	59224	60225	59928	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	1	-50	8	-13	-233.25	cps
Silicon	28-1	463363	459062	456510	459645	0.75	cps
Silver	109-1	500	717	883	700	27.46	cps
Silver	107-1	633	792	858	761	15.19	cps
Sodium	23-2	11188877	11063173	11001804	11084618	0.86	cps
Strontium	86-1	112048	110512	113990	112183	1.55	cps
Strontium	88-1	973543	979658	981757	978319	0.44	cps
Sulfur	34-1	3656616	3677375	3642440	3658810	0.48	cps
Terbium	159-1	13575640	13581892	13477770	13545100	0.43	cps
Terbium	159-2	3824377	3714328	3768943	3769216	1.46	cps
Thallium	203-1	2025	1917	2017	1986	3.04	cps
Thallium	205-1	4026	4459	4818	4434	8.94	cps
Tin	118-1	2384	2475	2025	2295	10.36	cps
Titanium	47-1	3087654	3079950	3086199	3084601	0.13	cps
Uranium	238-1	617	767	667	683	11.18	cps
Vanadium	51-2	110	180	133	141	25.26	cps
Yttrium	89-1	10869725	10977008	10819594	10888776	0.74	cps
Yttrium	89-2	425788	419143	425468	423467	0.89	cps
Zinc	66-2	2944	2854	2984	2927	2.28	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:43:30	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3551	3184	2709	3148	13.41	cps
Zirconium	91-1	800	750	608	719	13.82	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1086273	1081575	1083848	1083899	0.22	cps
Antimony	121-1	248601	250382	247326	248770	0.62	cps
Arsenic	75-2	3121	3147	3134	3134	0.41	cps
Barium	135-1	57284	55576	54203	55688	2.77	cps
Barium	137-1	95150	95637	97156	95981	1.09	cps
Beryllium	9-1	37293	36998	37060	37117	0.42	cps
Bismuth	209-1	7659125	7866064	7792532	7772574	1.35	cps
Bismuth	209-2	2879786	2890067	2819983	2863278	1.32	cps
Boron	10-1	12840	12756	12497	12698	1.40	cps
Boron	11-1	63257	65132	63910	64100	1.48	cps
Cadmium	111-1	56624	57658	56781	57021	0.98	cps
Cadmium	106-1	7252	7177	7085	7172	1.17	cps
Cadmium	108-1	5380	5239	5443	5354	1.95	cps
Calcium	43-1	3149047	3125189	3149867	3141368	0.45	cps
Calcium	44-1	50803506	50478093	50930715	50737438	0.46	cps
Chromium	52-2	55593	55610	55777	55660	0.18	cps
Cobalt	59-2	60872	60692	61036	60867	0.28	cps
Copper	63-2	71784	72186	73171	72381	0.99	cps
Dysprosium	156-1	58	75	83	72	17.62	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	75	108	33	72	52.04	cps
Erbium	164-2	33	33	23	30	19.25	cps
Gadolinium	160-1	117	158	83	119	31.46	cps
Gadolinium	160-2	10	50	17	26	83.85	cps
Holmium	165-1	12506093	13069757	12652478	12742776	2.30	cps
Holmium	165-2	3697300	3673167	3661643	3677370	0.49	cps
Indium	115-1	9464736	10048546	9814650	9775977	3.01	cps
Indium	115-2	566505	569491	557952	564650	1.06	cps
Iron	56-2	100975644	101392397	101724475	101364172	0.37	cps
Iron	57-2	2586201	2599946	2578384	2588177	0.42	cps
Krypton	83-1	467	550	500	506	8.30	cps
Lead	206-1	195791	195708	198012	196504	0.67	cps
Lead	207-1	165920	164468	167333	165907	0.86	cps
Lead	208-1	763150	760525	773518	765731	0.90	cps
Lithium	6-1	1842799	1895604	1850105	1862836	1.54	cps
Magnesium	24-2	5062877	5070138	5092863	5075293	0.31	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	11795	11715	11642	11717	0.66	cps
Molybdenum	94-1	6249849	6173049	6286253	6236384	0.93	cps
Molybdenum	95-1	11030843	10897387	11093738	11007323	0.91	cps
Molybdenum	96-1	11903407	11825786	11980433	11903209	0.65	cps
Molybdenum	97-1	6949439	6920042	6989634	6953038	0.50	cps
Molybdenum	98-1	17590025	17727826	17699904	17672585	0.41	cps
Neodymium	150-1	27	67	33	42	50.76	cps
Neodymium	150-2	13	17	7	12	41.65	cps
Nickel	60-2	21847	21954	22084	21962	0.54	cps
Phosphorus	31-2	76666	77043	77219	76976	0.37	cps
Potassium	39-2	2798018	2767598	2802499	2789372	0.68	cps
Rhodium	103-1	9323836	9686579	9441100	9483838	1.95	cps
Rhodium	103-2	3093416	3113930	3009457	3072268	1.80	cps
Scandium	45-1	6391781	6666345	6477194	6511773	2.16	cps
Scandium	45-2	59981	60312	58066	59453	2.04	cps
Selenium	77-2	23	27	47	32	39.17	cps
Selenium	78-2	70	89	94	85	14.91	cps
Selenium	82-1	3482	3468	3514	3488	0.68	cps
Silicon	28-1	786255	782746	787027	785343	0.29	cps
Silver	109-1	246349	250203	252164	249572	1.19	cps
Silver	107-1	265144	263140	263499	263928	0.40	cps
Sodium	23-2	11084015	11101764	11133935	11106571	0.23	cps
Strontium	86-1	113593	113982	110243	112606	1.83	cps
Strontium	88-1	989579	976477	985804	983953	0.69	cps
Sulfur	34-1	3638567	3616133	3602825	3619175	0.50	cps
Terbium	159-1	13073806	13587671	13149340	13270273	2.09	cps
Terbium	159-2	3753010	3745562	3676321	3724964	1.14	cps
Thallium	203-1	199272	197821	199630	198908	0.48	cps
Thallium	205-1	471398	472065	477882	473782	0.75	cps
Tin	118-1	431870	432987	435882	433580	0.48	cps
Titanium	47-1	3170721	3139385	3151554	3153887	0.50	cps
Uranium	238-1	608	642	758	669	11.77	cps
Vanadium	51-2	19420	19427	19521	19456	0.29	cps
Yttrium	89-1	10442713	10785325	10499350	10575796	1.74	cps
Yttrium	89-2	420474	425883	415824	420727	1.20	cps
Zinc	66-2	8029	8076	8052	8052	0.29	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:46:47	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2259	2217	2334	2270	2.61	cps
Zirconium	91-1	533	575	392	500	19.22	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	718148	707321	715969	713812	0.80	cps
Antimony	121-1	6071691	6117627	6157203	6115507	0.70	cps
Arsenic	75-2	86660	85989	86025	86225	0.44	cps
Barium	135-1	6667649	6765648	6673488	6702262	0.82	cps
Barium	137-1	11629165	11749066	11569902	11649378	0.78	cps
Beryllium	9-1	954752	975162	979757	969890	1.37	cps
Bismuth	209-1	7789340	7572277	7761393	7707670	1.53	cps
Bismuth	209-2	2771622	2879054	2915310	2855329	2.62	cps
Boron	10-1	103447	106661	109692	106600	2.93	cps
Boron	11-1	516058	534641	546735	532478	2.90	cps
Cadmium	111-1	1442429	1444575	1454808	1447271	0.46	cps
Cadmium	106-1	148671	148544	147474	148230	0.44	cps
Cadmium	108-1	102360	103090	101865	102438	0.60	cps
Calcium	43-1	8359669	8352212	8410462	8374114	0.38	cps
Calcium	44-1	136322003	136875286	137002511	136733267	0.26	cps
Chromium	52-2	787584	782067	781706	783785	0.42	cps
Cobalt	59-2	1562237	1567163	1565327	1564909	0.16	cps
Copper	63-2	2714625	2673159	2694882	2694222	0.77	cps
Dysprosium	156-1	150	108	117	125	17.64	cps
Dysprosium	156-2	10	20	43	24	69.97	cps
Erbium	164-1	83	133	67	94	36.73	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	192	150	142	161	16.63	cps
Gadolinium	160-2	53	47	37	46	18.41	cps
Holmium	165-1	12928215	12596095	12777183	12767165	1.30	cps
Holmium	165-2	3612502	3803418	3841012	3752311	3.27	cps
Indium	115-1	10045218	9758915	9951546	9918559	1.47	cps
Indium	115-2	555521	580745	588984	575084	3.03	cps
Iron	56-2	138146670	137742178	137727170	137872006	0.17	cps
Iron	57-2	3491229	3446263	3488347	3475280	0.72	cps
Krypton	83-1	513	517	497	509	2.11	cps
Lead	206-1	4008129	4008795	3948687	3988537	0.87	cps
Lead	207-1	3620184	3661156	3616715	3632685	0.68	cps
Lead	208-1	16114947	16245490	16002010	16120815	0.76	cps
Lithium	6-1	1887496	1894361	1940119	1907325	1.50	cps
Magnesium	24-2	13832465	13573170	13803995	13736543	1.04	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	471584	469376	471954	470971	0.30	cps
Molybdenum	94-1	11699096	11851477	11861105	11803892	0.77	cps
Molybdenum	95-1	14648026	14610991	14835134	14698050	0.82	cps
Molybdenum	96-1	16517065	16414364	16388640	16440023	0.41	cps
Molybdenum	97-1	9268368	9301539	9189446	9253118	0.62	cps
Molybdenum	98-1	23552241	23444158	23467919	23488106	0.24	cps
Neodymium	150-1	360	420	387	389	7.73	cps
Neodymium	150-2	37	60	27	41	41.60	cps
Nickel	60-2	472697	471475	472426	472199	0.14	cps
Phosphorus	31-2	8945	8653	8803	8800	1.66	cps
Potassium	39-2	3849345	3825698	3854399	3843147	0.40	cps
Rhodium	103-1	9651437	9382005	9525066	9519503	1.42	cps
Rhodium	103-2	2948115	3085831	3070165	3034704	2.48	cps
Scandium	45-1	6917014	6628014	6772161	6772396	2.13	cps
Scandium	45-2	61786	63687	64256	63243	2.05	cps
Selenium	77-2	690	670	647	669	3.24	cps
Selenium	78-2	2322	2356	2365	2348	0.95	cps
Selenium	82-1	89878	89888	90409	90059	0.34	cps
Silicon	28-1	3619237	3643866	3689933	3651012	0.98	cps
Silver	109-1	6582547	6601848	6640794	6608396	0.45	cps
Silver	107-1	7013547	7106592	6975113	7031751	0.96	cps
Sodium	23-2	29932103	29528955	29821226	29760761	0.70	cps
Strontium	86-1	1800781	1805546	1793227	1799851	0.35	cps
Strontium	88-1	15398096	15530230	15319905	15416077	0.69	cps
Sulfur	34-1	817228	817959	822561	819249	0.35	cps
Terbium	159-1	13517531	13087746	13367696	13324325	1.64	cps
Terbium	159-2	3685351	3844127	3864423	3797967	2.58	cps
Thallium	203-1	5029809	5038642	4986948	5018466	0.55	cps
Thallium	205-1	11910848	11999480	11786766	11899032	0.90	cps
Tin	118-1	4459645	4454690	4441380	4451905	0.21	cps
Titanium	47-1	4140947	4151199	4152082	4148076	0.15	cps
Uranium	238-1	16128431	16491082	16423615	16347709	1.18	cps
Vanadium	51-2	544953	539945	542007	542302	0.46	cps
Yttrium	89-1	11028092	10694525	10886997	10869871	1.54	cps
Yttrium	89-2	420786	443404	445478	436556	3.14	cps
Zinc	66-2	262528	261041	264288	262619	0.62	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV35	Instrumnet Name :	P8
Client Sample ID :	CCV35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:50:04	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9729219	9869054	9972481	9856918	1.24	cps
Zirconium	91-1	2226443	2201593	2215031	2214356	0.56	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	5	10	13	78.08	cps
Antimony	121-1	5393	6068	5968	5810	6.27	cps
Arsenic	75-2	20	11	9	14	43.83	cps
Barium	135-1	58	50	42	50	16.67	cps
Barium	137-1	133	125	125	128	3.76	cps
Beryllium	9-1	117	78	111	102	20.65	cps
Bismuth	209-1	8208389	8124332	8187021	8173247	0.53	cps
Bismuth	209-2	3009243	3032198	2959965	3000469	1.23	cps
Boron	10-1	2434	2292	2375	2367	3.01	cps
Boron	11-1	12781	11855	12431	12356	3.78	cps
Cadmium	111-1	1655	1601	1614	1623	1.75	cps
Cadmium	106-1	2292	2292	2275	2286	0.42	cps
Cadmium	108-1	17	29	17	21	34.64	cps
Calcium	43-1	500	600	458	519	14.02	cps
Calcium	44-1	49003	47440	48493	48312	1.65	cps
Chromium	52-2	540	607	640	596	8.55	cps
Cobalt	59-2	77	93	77	82	11.70	cps
Copper	63-2	753	687	853	764	10.97	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	25	33	31	15.74	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	33	25	125	61	90.80	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	12845234	12520070	12596648	12653984	1.34	cps
Holmium	165-2	3720491	3748432	3602971	3690632	2.09	cps
Indium	115-1	10361405	10319620	10194866	10291964	0.84	cps
Indium	115-2	599704	599859	581646	593737	1.76	cps
Iron	56-2	2261	2178	2195	2211	1.99	cps
Iron	57-2	39	39	56	44	21.65	cps
Krypton	83-1	493	457	537	496	8.08	cps
Lead	206-1	900	1061	1061	1007	9.23	cps
Lead	207-1	889	883	989	920	6.45	cps
Lead	208-1	3745	4428	4250	4141	8.56	cps
Lithium	6-1	1871505	1844482	1877925	1864637	0.95	cps
Magnesium	24-2	150	133	167	150	11.11	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	13	20	23	51.52	cps
Molybdenum	94-1	2425	2650	2300	2459	7.22	cps
Molybdenum	95-1	2950	2575	2692	2739	7.01	cps
Molybdenum	96-1	3034	2959	3034	3009	1.44	cps
Molybdenum	97-1	1609	1867	1642	1706	8.24	cps
Molybdenum	98-1	4459	4034	3642	4045	10.10	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	40	70	49	37.55	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4059	3617	3476	3717	8.19	cps
Rhodium	103-1	10261626	10047271	10070895	10126597	1.16	cps
Rhodium	103-2	3301780	3276671	3230033	3269495	1.11	cps
Scandium	45-1	6890876	6721364	6744610	6785616	1.35	cps
Scandium	45-2	61795	63968	60721	62161	2.66	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	36	36	-1	24	89.77	cps
Silicon	28-1	276360	274381	273233	274658	0.58	cps
Silver	109-1	475	408	483	456	9.02	cps
Silver	107-1	492	508	550	517	5.81	cps
Sodium	23-2	13249	13465	13640	13451	1.46	cps
Strontium	86-1	767	817	800	795	3.20	cps
Strontium	88-1	208	183	233	208	12.00	cps
Sulfur	34-1	334167	335381	336668	335405	0.37	cps
Terbium	159-1	13441429	13235522	13216660	13297870	0.94	cps
Terbium	159-2	3749171	3779369	3702473	3743671	1.03	cps
Thallium	203-1	1734	1667	1725	1709	2.13	cps
Thallium	205-1	3709	3817	3559	3695	3.51	cps
Tin	118-1	1659	1458	1600	1572	6.54	cps
Titanium	47-1	317	233	292	281	15.24	cps
Uranium	238-1	192	258	183	211	19.47	cps
Vanadium	51-2	17	23	0	13	90.13	cps
Yttrium	89-1	11048962	10790848	10914576	10918128	1.18	cps
Yttrium	89-2	437014	435900	427211	433375	1.24	cps
Zinc	66-2	137	153	130	140	8.59	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB35	Instrumnet Name :	P8
Client Sample ID :	CCB35	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:55:55	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3101	2859	2917	2959	4.26	cps
Zirconium	91-1	558	733	483	592	21.68	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283	240	260	261	8.15	cps
Antimony	121-1	27203	27429	26577	27070	1.63	cps
Arsenic	75-2	198	180	200	193	5.85	cps
Barium	135-1	26636	26177	27154	26656	1.83	cps
Barium	137-1	46065	46282	45931	46093	0.38	cps
Beryllium	9-1	1978	1889	1934	1934	2.30	cps
Bismuth	209-1	8225148	8049610	7921202	8065320	1.89	cps
Bismuth	209-2	2979690	3023834	2982362	2995295	0.83	cps
Boron	10-1	6744	6018	6910	6557	7.23	cps
Boron	11-1	31703	30750	33306	31920	4.05	cps
Cadmium	111-1	4455	4596	4693	4582	2.61	cps
Cadmium	106-1	2492	2567	2834	2631	6.83	cps
Cadmium	108-1	229	233	225	229	1.82	cps
Calcium	43-1	17411	17587	17637	17545	0.67	cps
Calcium	44-1	314207	317681	318341	316743	0.70	cps
Chromium	52-2	3871	3911	3861	3881	0.68	cps
Cobalt	59-2	3200	3360	3324	3295	2.54	cps
Copper	63-2	6758	6525	6692	6658	1.81	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	8	50	75	44	75.78	cps
Erbium	164-2	20	13	27	20	33.35	cps
Gadolinium	160-1	92	67	142	100	38.19	cps
Gadolinium	160-2	13	0	10	8	89.21	cps
Holmium	165-1	12827845	12455724	12317064	12533544	2.11	cps
Holmium	165-2	3691742	3718377	3667953	3692691	0.68	cps
Indium	115-1	10576356	10106441	10062753	10248517	2.78	cps
Indium	115-2	591933	604536	593709	596726	1.14	cps
Iron	56-2	59845	58328	58645	58939	1.36	cps
Iron	57-2	1556	1489	1539	1528	2.27	cps
Krypton	83-1	597	467	500	521	12.96	cps
Lead	206-1	8876	8926	8992	8931	0.66	cps
Lead	207-1	7869	7881	8259	8003	2.77	cps
Lead	208-1	36600	35804	36544	36316	1.22	cps
Lithium	6-1	1816365	1765521	1765832	1782572	1.64	cps
Magnesium	24-2	28237	28638	28563	28479	0.75	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	510	553	590	551	7.27	cps
Molybdenum	94-1	25483	26811	25859	26051	2.63	cps
Molybdenum	95-1	30026	30803	29525	30118	2.14	cps
Molybdenum	96-1	33960	33918	33860	33913	0.15	cps
Molybdenum	97-1	19256	18814	19106	19059	1.18	cps
Molybdenum	98-1	48571	48103	49341	48672	1.28	cps
Neodymium	150-1	20	7	13	13	49.99	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1120	1120	1037	1092	4.41	cps
Phosphorus	31-2	25	0	25	17	86.60	cps
Potassium	39-2	18880	19005	18404	18763	1.69	cps
Rhodium	103-1	10310604	10045149	9987115	10114289	1.71	cps
Rhodium	103-2	3307019	3283378	3290540	3293646	0.37	cps
Scandium	45-1	6972698	6699971	6705124	6792598	2.30	cps
Scandium	45-2	62863	63854	61785	62834	1.65	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	28	11	31	23	46.26	cps
Selenium	82-1	863	978	975	939	7.01	cps
Silicon	28-1	372433	372557	369308	371433	0.50	cps
Silver	109-1	14617	14025	13916	14186	2.66	cps
Silver	107-1	15268	14575	15752	15198	3.89	cps
Sodium	23-2	72318	74662	74680	73887	1.84	cps
Strontium	86-1	3917	4051	4559	4176	8.11	cps
Strontium	88-1	30677	30468	31254	30800	1.32	cps
Sulfur	34-1	335600	339772	334583	336652	0.82	cps
Terbium	159-1	13396638	12940646	12756346	13031210	2.53	cps
Terbium	159-2	3750600	3724852	3745136	3740196	0.36	cps
Thallium	203-1	12023	10847	11614	11495	5.19	cps
Thallium	205-1	27289	27264	27005	27186	0.58	cps
Tin	118-1	44475	44734	45495	44901	1.18	cps
Titanium	47-1	8753	8403	8786	8648	2.46	cps
Uranium	238-1	32309	31808	32786	32301	1.51	cps
Vanadium	51-2	5178	5148	5218	5181	0.68	cps
Yttrium	89-1	11189979	10752883	10651084	10864649	2.64	cps
Yttrium	89-2	437217	438906	435268	437131	0.42	cps
Zinc	66-2	700	767	673	713	6.74	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 18:59:16	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	25066	23363	23454	23961	4.00	cps
Zirconium	91-1	6085	5210	5243	5512	9.00	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7817	7249	7584	7550	3.78	cps
Antimony	121-1	1054464	1064288	1069662	1062805	0.73	cps
Arsenic	75-2	25936	25583	25689	25736	0.70	cps
Barium	135-1	1952982	1984755	1966152	1967963	0.81	cps
Barium	137-1	3424941	3433400	3411587	3423309	0.32	cps
Beryllium	9-1	276007	280893	277501	278134	0.90	cps
Bismuth	209-1	8119082	8054083	8115272	8096145	0.45	cps
Bismuth	209-2	2943492	2970757	2917657	2943969	0.90	cps
Boron	10-1	77619	82930	82823	81124	3.74	cps
Boron	11-1	395152	411480	420695	409109	3.16	cps
Cadmium	111-1	612908	610516	615439	612954	0.40	cps
Cadmium	106-1	56302	56770	58335	57136	1.86	cps
Cadmium	108-1	39838	40223	39918	39993	0.51	cps
Calcium	43-1	2175	2334	2192	2234	3.90	cps
Calcium	44-1	61478	60213	59586	60426	1.59	cps
Chromium	52-2	497038	493933	497461	496144	0.39	cps
Cobalt	59-2	564469	561723	563972	563388	0.26	cps
Copper	63-2	870690	868743	871956	870463	0.19	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	67	58	33	53	32.88	cps
Erbium	164-2	23	13	7	14	58.06	cps
Gadolinium	160-1	75	100	150	108	35.25	cps
Gadolinium	160-2	13	7	20	13	49.99	cps
Holmium	165-1	12562292	12564589	12642218	12589699	0.36	cps
Holmium	165-2	3688897	3643687	3673454	3668680	0.63	cps
Indium	115-1	10252644	10241883	10302534	10265687	0.32	cps
Indium	115-2	590206	598204	587979	592130	0.91	cps
Iron	56-2	1306003	1300801	1307652	1304819	0.27	cps
Iron	57-2	33713	32399	33469	33194	2.11	cps
Krypton	83-1	480	473	537	497	7.01	cps
Lead	206-1	3007256	2995388	3047915	3016853	0.91	cps
Lead	207-1	2640136	2643604	2687158	2656966	0.99	cps
Lead	208-1	11980829	11898135	12123991	12000985	0.95	cps
Lithium	6-1	1767042	1725847	1741863	1744917	1.19	cps
Magnesium	24-2	100	133	233	156	44.61	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197856	197262	196890	197336	0.25	cps
Molybdenum	94-1	243719	242901	246525	244382	0.78	cps
Molybdenum	95-1	428275	436512	429123	431303	1.05	cps
Molybdenum	96-1	462113	465283	460159	462518	0.56	cps
Molybdenum	97-1	267788	268029	266862	267560	0.23	cps
Molybdenum	98-1	686176	683674	686682	685511	0.23	cps
Neodymium	150-1	100	100	73	91	16.90	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	813920	814802	812936	813886	0.11	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3359	3717	3517	3531	5.09	cps
Rhodium	103-1	10197348	10149586	10162773	10169902	0.24	cps
Rhodium	103-2	3259811	3301865	3262843	3274840	0.72	cps
Scandium	45-1	6876697	6700370	6876547	6817872	1.49	cps
Scandium	45-2	62033	63335	62294	62554	1.10	cps
Selenium	77-2	607	627	533	589	8.34	cps
Selenium	78-2	1967	1987	1872	1942	3.15	cps
Selenium	82-1	74485	74290	74213	74329	0.19	cps
Silicon	28-1	633503	639591	639651	637582	0.55	cps
Silver	109-1	2431569	2439739	2427909	2433072	0.25	cps
Silver	107-1	2587373	2569988	2567823	2575061	0.42	cps
Sodium	23-2	14049	13565	14099	13905	2.12	cps
Strontium	86-1	300750	303421	301950	302041	0.44	cps
Strontium	88-1	2669789	2717131	2668040	2684987	1.04	cps
Sulfur	34-1	322574	317024	316643	318747	1.04	cps
Terbium	159-1	13110780	13283337	13173564	13189227	0.66	cps
Terbium	159-2	3711012	3720206	3689212	3706810	0.43	cps
Thallium	203-1	2155722	2159245	2148844	2154603	0.25	cps
Thallium	205-1	5159102	5106931	5134855	5133629	0.51	cps
Tin	118-1	1117	1008	1075	1067	5.12	cps
Titanium	47-1	417	333	325	358	14.15	cps
Uranium	238-1	58	67	117	81	39.16	cps
Vanadium	51-2	455394	451581	455894	454289	0.52	cps
Yttrium	89-1	11030397	11058102	10964814	11017771	0.43	cps
Yttrium	89-2	435340	438910	436650	436966	0.41	cps
Zinc	66-2	208874	207541	208613	208343	0.34	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-02DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-TM1-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:02:38	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7186	7486	6277	6983	9.02	cps
Zirconium	91-1	1842	1617	1525	1661	9.81	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	353	315	328	332	5.76	cps
Antimony	121-1	5743	5026	5001	5257	8.01	cps
Arsenic	75-2	9	7	6	7	24.97	cps
Barium	135-1	200	283	250	244	17.16	cps
Barium	137-1	250	308	275	278	10.53	cps
Beryllium	9-1	122	128	117	122	4.54	cps
Bismuth	209-1	7898049	7840600	7889263	7875971	0.39	cps
Bismuth	209-2	3016608	2942865	2924720	2961398	1.64	cps
Boron	10-1	20090	20365	20023	20159	0.90	cps
Boron	11-1	101862	102414	100215	101497	1.13	cps
Cadmium	111-1	1661	1541	1712	1638	5.34	cps
Cadmium	106-1	2309	2184	2392	2295	4.57	cps
Cadmium	108-1	25	29	42	32	27.15	cps
Calcium	43-1	675	658	642	658	2.53	cps
Calcium	44-1	45492	46186	44647	45442	1.70	cps
Chromium	52-2	667	643	673	661	2.38	cps
Cobalt	59-2	267	263	263	264	0.73	cps
Copper	63-2	877	850	827	851	2.94	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	50	83	75	69	24.98	cps
Erbium	164-2	3	27	3	11	121.29	cps
Gadolinium	160-1	108	92	42	81	43.07	cps
Gadolinium	160-2	10	20	20	17	34.64	cps
Holmium	165-1	12318191	12331908	12328040	12326046	0.06	cps
Holmium	165-2	3681004	3585048	3623384	3629812	1.33	cps
Indium	115-1	10071821	9952761	9982160	10002247	0.62	cps
Indium	115-2	585266	578135	573596	578999	1.02	cps
Iron	56-2	2284	1928	2239	2150	9.01	cps
Iron	57-2	78	50	56	61	24.05	cps
Krypton	83-1	453	550	477	493	10.22	cps
Lead	206-1	1311	1267	1361	1313	3.60	cps
Lead	207-1	1172	1128	1200	1167	3.12	cps
Lead	208-1	5178	5412	5406	5332	2.50	cps
Lithium	6-1	1680788	1708827	1710148	1699921	0.98	cps
Magnesium	24-2	208	200	158	189	14.18	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	33	40	36	10.83	cps
Molybdenum	94-1	10638	9229	8712	9526	10.47	cps
Molybdenum	95-1	883	1050	850	928	11.55	cps
Molybdenum	96-1	2725	2275	2284	2428	10.60	cps
Molybdenum	97-1	850	867	633	783	16.62	cps
Molybdenum	98-1	1625	1483	1400	1503	7.57	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	353	267	263	294	17.33	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	3025	3292	3576	3298	8.34	cps
Rhodium	103-1	10033589	10078962	10173653	10095401	0.71	cps
Rhodium	103-2	3319748	3284974	3257847	3287523	0.94	cps
Scandium	45-1	6868918	6818345	6746513	6811259	0.90	cps
Scandium	45-2	64343	62391	62117	62950	1.93	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	16	-27	17	2	1163.15	cps
Silicon	28-1	4184879	4204840	4162496	4184071	0.51	cps
Silver	109-1	333	408	325	356	12.91	cps
Silver	107-1	383	492	408	428	13.26	cps
Sodium	23-2	19564	19798	20182	19848	1.57	cps
Strontium	86-1	842	800	792	811	3.30	cps
Strontium	88-1	483	467	367	439	14.38	cps
Sulfur	34-1	309881	304395	306719	306998	0.90	cps
Terbium	159-1	13038763	12986305	12941031	12988700	0.38	cps
Terbium	159-2	3775748	3718352	3656909	3717003	1.60	cps
Thallium	203-1	1400	1525	1283	1403	8.62	cps
Thallium	205-1	3159	3084	3201	3148	1.88	cps
Tin	118-1	7574359	7612606	7504535	7563833	0.72	cps
Titanium	47-1	227812	225913	222354	225359	1.23	cps
Uranium	238-1	75	58	83	72	17.62	cps
Vanadium	51-2	17	17	23	19	20.36	cps
Yttrium	89-1	10980072	10800252	10771137	10850487	1.04	cps
Yttrium	89-2	444600	436187	435568	438785	1.15	cps
Zinc	66-2	1030	1017	960	1002	3.71	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	J4879-04DLX2	Instrumnet Name :	P8
Client Sample ID :	PT-SNTI-WPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-10-23 19:05:56	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	27145	24815	22945	24968	8.43	cps
Zirconium	91-1	6477	5101	4709	5429	17.10	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	710263	708631	705529	708141	0.34	cps
Antimony	121-1	6112534	6077527	6127906	6105989	0.42	cps
Arsenic	75-2	86543	86058	85866	86156	0.40	cps
Barium	135-1	6730696	6718397	6721685	6723593	0.09	cps
Barium	137-1	11631766	11570484	11683026	11628425	0.48	cps
Beryllium	9-1	953364	976625	979610	969867	1.48	cps
Bismuth	209-1	7577607	7511728	7135656	7408330	3.22	cps
Bismuth	209-2	2829241	2896212	2850337	2858597	1.20	cps
Boron	10-1	104840	108618	110483	107980	2.66	cps
Boron	11-1	524148	537880	550575	537535	2.46	cps
Cadmium	111-1	1428343	1428913	1438554	1431937	0.40	cps
Cadmium	106-1	145013	148258	148812	147361	1.39	cps
Cadmium	108-1	100454	102179	102074	101569	0.95	cps
Calcium	43-1	8262137	8309185	8310063	8293795	0.33	cps
Calcium	44-1	134191436	134924603	136098449	135071496	0.71	cps
Chromium	52-2	780764	771192	775801	775919	0.62	cps
Cobalt	59-2	1541041	1548126	1540265	1543144	0.28	cps
Copper	63-2	2697082	2660932	2676609	2678208	0.68	cps
Dysprosium	156-1	125	83	183	131	38.47	cps
Dysprosium	156-2	30	30	23	28	13.86	cps
Erbium	164-1	108	125	58	97	35.68	cps
Erbium	164-2	23	23	20	22	8.65	cps
Gadolinium	160-1	217	183	117	172	29.57	cps
Gadolinium	160-2	50	63	23	46	44.71	cps
Holmium	165-1	12594091	12565715	11912689	12357499	3.12	cps
Holmium	165-2	3736709	3800052	3790255	3775672	0.90	cps
Indium	115-1	9779373	9623909	9283412	9562231	2.65	cps
Indium	115-2	572112	575918	577336	575122	0.47	cps
Iron	56-2	136034514	136590489	136122628	136249210	0.22	cps
Iron	57-2	3446360	3431824	3436422	3438202	0.22	cps
Krypton	83-1	573	477	527	526	9.20	cps
Lead	206-1	3955625	4018926	4002601	3992384	0.82	cps
Lead	207-1	3621321	3595314	3621378	3612671	0.42	cps
Lead	208-1	16055870	16086867	16130542	16091093	0.23	cps
Lithium	6-1	1874269	1905116	1845802	1875062	1.58	cps
Magnesium	24-2	13705365	13658216	13578947	13647510	0.47	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	467815	464114	465235	465722	0.41	cps
Molybdenum	94-1	11673103	11747602	11761512	11727405	0.41	cps
Molybdenum	95-1	14381649	14585909	14529613	14499057	0.73	cps
Molybdenum	96-1	16100822	16245908	16212996	16186575	0.47	cps
Molybdenum	97-1	9154118	9210785	9177368	9180757	0.31	cps
Molybdenum	98-1	23334517	23247324	23399152	23326997	0.33	cps
Neodymium	150-1	500	413	393	436	13.02	cps
Neodymium	150-2	33	33	40	36	10.83	cps
Nickel	60-2	470857	466016	471258	469377	0.62	cps
Phosphorus	31-2	8194	8236	8878	8436	4.54	cps
Potassium	39-2	3857274	3792056	3792698	3814009	0.98	cps
Rhodium	103-1	9383416	9298987	8924273	9202225	2.66	cps
Rhodium	103-2	3066384	3067694	3033098	3055725	0.64	cps
Scandium	45-1	6651626	6706553	6362701	6573627	2.81	cps
Scandium	45-2	62656	63121	63114	62964	0.42	cps
Selenium	77-2	673	637	710	673	5.45	cps
Selenium	78-2	2350	2387	2408	2382	1.22	cps
Selenium	82-1	88814	89505	89493	89271	0.44	cps
Silicon	28-1	3538138	3547390	3621674	3569067	1.28	cps
Silver	109-1	6536378	6586088	6553655	6558707	0.38	cps
Silver	107-1	6942777	6992930	7069602	7001770	0.91	cps
Sodium	23-2	29572843	29564176	29284625	29473881	0.56	cps
Strontium	86-1	1784229	1788789	1792671	1788563	0.24	cps
Strontium	88-1	15288393	15215735	15196318	15233482	0.32	cps
Sulfur	34-1	820852	813677	811984	815504	0.58	cps
Terbium	159-1	13073935	13039996	12404047	12839326	2.94	cps
Terbium	159-2	3790689	3810919	3828608	3810072	0.50	cps
Thallium	203-1	4989258	5006267	4971457	4988994	0.35	cps
Thallium	205-1	11804741	11736781	11893237	11811587	0.66	cps
Tin	118-1	4434348	4364790	4405790	4401643	0.79	cps
Titanium	47-1	4160921	4125758	4143310	4143330	0.42	cps
Uranium	238-1	16141997	16401555	16433405	16325652	0.98	cps
Vanadium	51-2	534609	532914	536457	534660	0.33	cps
Yttrium	89-1	10686735	10687873	10072163	10482257	3.39	cps
Yttrium	89-2	430531	434904	437752	434396	0.84	cps
Zinc	66-2	261373	258894	260052	260107	0.48	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCV36	Instrumnet Name :	P8
Client Sample ID :	CCV36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:10:04	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	9708562	9832359	9727341	9756088	0.68	cps
Zirconium	91-1	2193564	2208064	2176025	2192551	0.73	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	18	20	21	18.35	cps
Antimony	121-1	4059	4901	4301	4420	9.81	cps
Arsenic	75-2	11	6	11	9	34.60	cps
Barium	135-1	58	33	117	69	61.58	cps
Barium	137-1	50	67	92	69	30.20	cps
Beryllium	9-1	83	139	106	109	25.59	cps
Bismuth	209-1	7886003	8040893	8017202	7981366	1.05	cps
Bismuth	209-2	2989158	3020360	3010114	3006544	0.53	cps
Boron	10-1	2175	2209	2109	2164	2.35	cps
Boron	11-1	11188	11355	11622	11388	1.92	cps
Cadmium	111-1	1562	1475	1559	1532	3.23	cps
Cadmium	106-1	2217	2067	2175	2153	3.60	cps
Cadmium	108-1	21	38	8	22	65.86	cps
Calcium	43-1	375	375	467	406	13.05	cps
Calcium	44-1	42741	43401	43586	43243	1.03	cps
Chromium	52-2	700	590	613	634	9.14	cps
Cobalt	59-2	93	127	83	101	22.44	cps
Copper	63-2	617	647	637	633	2.41	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	92	133	50	92	45.46	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	12429223	12547774	12579183	12518726	0.63	cps
Holmium	165-2	3673842	3642713	3672071	3662875	0.48	cps
Indium	115-1	10197280	10331166	10352615	10293687	0.82	cps
Indium	115-2	600078	591924	600413	597471	0.80	cps
Iron	56-2	1922	1617	1800	1780	8.64	cps
Iron	57-2	33	39	56	43	27.16	cps
Krypton	83-1	437	490	443	457	6.36	cps
Lead	206-1	806	628	617	683	15.51	cps
Lead	207-1	700	756	644	700	7.94	cps
Lead	208-1	2945	2995	2884	2941	1.89	cps
Lithium	6-1	1864005	1849277	1816125	1843136	1.33	cps
Magnesium	24-2	125	175	175	158	18.23	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	10	33	21	55.45	cps
Molybdenum	94-1	1767	2025	1725	1839	8.84	cps
Molybdenum	95-1	1650	1625	1550	1609	3.24	cps
Molybdenum	96-1	2050	1684	1875	1870	9.81	cps
Molybdenum	97-1	1367	1117	1133	1206	11.60	cps
Molybdenum	98-1	2609	2692	2350	2550	6.99	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	33	53	53	37.51	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3192	3792	3567	3517	8.62	cps
Rhodium	103-1	10023843	10238208	10123902	10128651	1.06	cps
Rhodium	103-2	3279850	3267174	3250473	3265833	0.45	cps
Scandium	45-1	6740005	6970005	6807200	6839070	1.73	cps
Scandium	45-2	62880	62887	62391	62719	0.45	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	77	46	30	51	47.48	cps
Silicon	28-1	271720	270896	272146	271588	0.23	cps
Silver	109-1	242	275	258	258	6.45	cps
Silver	107-1	325	275	308	303	8.41	cps
Sodium	23-2	12765	12923	12656	12781	1.05	cps
Strontium	86-1	742	767	783	764	2.75	cps
Strontium	88-1	183	167	167	172	5.58	cps
Sulfur	34-1	335247	334458	334636	334780	0.12	cps
Terbium	159-1	13091060	13178111	13172138	13147103	0.37	cps
Terbium	159-2	3772160	3738277	3737175	3749204	0.53	cps
Thallium	203-1	1233	1425	1225	1295	8.74	cps
Thallium	205-1	2884	2917	2667	2823	4.81	cps
Tin	118-1	2100	2234	2084	2139	3.84	cps
Titanium	47-1	250	108	208	189	38.55	cps
Uranium	238-1	75	83	67	75	11.11	cps
Vanadium	51-2	7	3	7	6	34.70	cps
Yttrium	89-1	10753612	11047639	11023045	10941432	1.49	cps
Yttrium	89-2	438613	436450	439281	438115	0.34	cps
Zinc	66-2	113	123	163	133	19.84	cps

LB Number :	LB98798	Operator :	Jaswal
Lab Sample ID :	CCB36	Instrumnet Name :	P8
Client Sample ID :	CCB36	Dilution Factor :	1
Date & Time Acquired ::	2018-10-23 19:17:32	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2634	2525	2642	2600	2.50	cps
Zirconium	91-1	483	725	567	592	20.75	cps