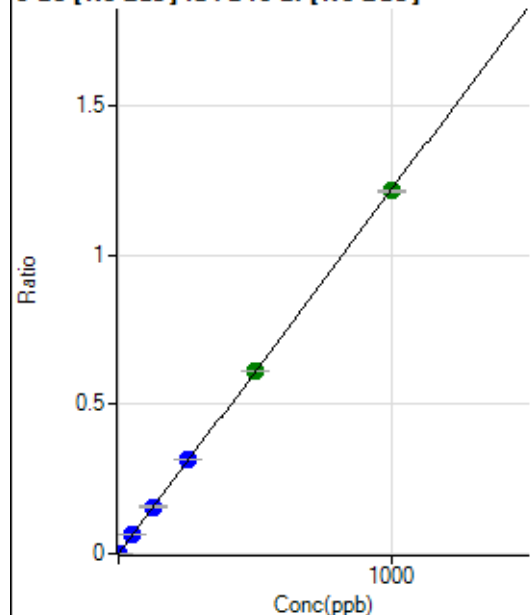


Batch Folder: D:\ICP-MS Data\P7012519MS.b\
Analysis File: P7012519MS.batch.bin
DA Date-Time: 2019-01-25 18:42:55
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-01-25 16:26:57
2			
3	005CALS.d	S02	2019-01-25 16:35:38
4	006CALS.d	S03	2019-01-25 16:39:34
5	007CALS.d	S04	2019-01-25 16:43:44
6	008CALS.d	S05	2019-01-25 16:47:29
7	009CALS.d	S06	2019-01-25 16:51:16
8	010CALS.d	S07	2019-01-25 16:55:04
9	011CALS.d	S08	2019-01-25 16:58:59

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	217.78	0.0000	P	9.1
2	☐	0.100					
3	☐	1.000	0.952	9957.84	0.0012	P	0.7
4	☐	50.000	51.017	516941.60	0.0623	P	0.2
5	☐	125.000	129.072	1275415.75	0.1576	P	0.9
6	☐	250.000	258.297	2507040.75	0.3153	P	0.4
7	☐	500.000	501.824	4776603.72	0.6126	A	0.3
8	☐	1000.000	996.454	9177598.41	1.2164	A	0.2
9	☐			1172.28	0.0002	P	2.5

$$y = 0.0012 * x + 2.5771E-005$$

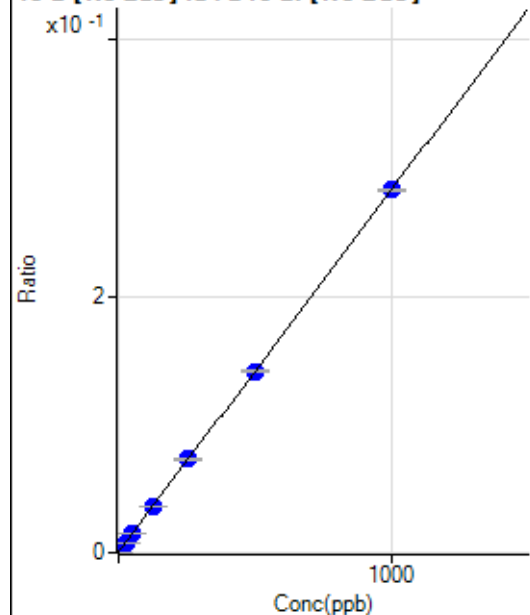
$$R = 1.0000$$

$$DL = 0.005766$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5403.94	0.0006	P	3.5
2	☐	2.500					
3	☐	25.000	23.016	59883.84	0.0071	P	0.4
4	☐	50.000	49.823	122100.64	0.0147	P	2.1
5	☐	125.000	125.984	293258.29	0.0362	P	1.3
6	☐	250.000	255.680	579418.57	0.0729	P	1.2
7	☐	500.000	497.451	1100838.28	0.1412	P	1.2
8	☐	1000.000	999.790	2136104.87	0.2831	P	0.5
9	☐			40953.98	0.0063	P	6.3

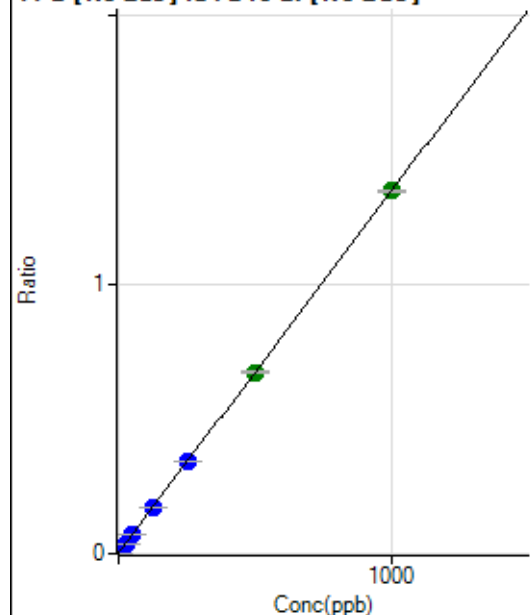
$$y = 2.8253E-004 * x + 6.3923E-004$$

$$R = 1.0000$$

$$DL = 0.24$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25825.64	0.0031	P	1.7
2	☐	2.500					
3	☐	25.000	22.464	279083.15	0.0333	P	1.2
4	☐	50.000	48.894	571262.36	0.0688	P	1.8
5	☐	125.000	123.821	1373275.48	0.1697	P	1.9
6	☐	250.000	253.260	2733925.10	0.3439	P	1.0
7	☐	500.000	499.096	5260490.92	0.6747	A	1.6
8	☐	1000.000	999.903	10175349.97	1.3486	A	0.6
9	☐			191524.71	0.0293	P	7.4

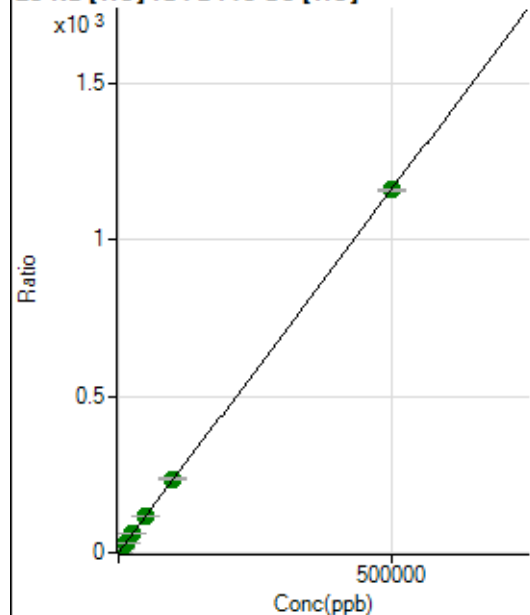
$$y = 0.0013 * x + 0.0031$$

$$R = 1.0000$$

$$DL = 0.1152$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52208.17	0.0565	P	0.9
2	☐	50.000					
3	☐	500.000	475.111	1074992.05	1.1571	P	0.5
4	☐	5000.000	5179.972	10526085.56	12.0564	A	0.2
5	☐	12500.000	13167.710	26250513.44	30.5607	A	0.2
6	☐	25000.000	26137.813	52520915.41	60.6071	A	0.7
7	☐	50000.000	50143.239	102560548.82	116.2178	A	1.9
8	☐	100000.00	101269.07	205033958.75	234.6554	A	2.2
9	☐	500000.00	499656.50	946673110.05	1.157.556	A	0.5

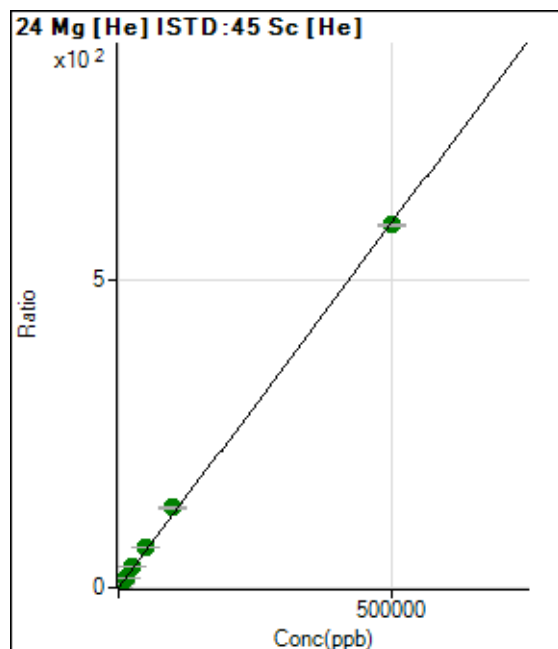
$$y = 0.0023 * x + 0.0565$$

$$R = 1.0000$$

$$DL = 0.6646$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	227.79	0.0002	P	11.9
2	☐	50.000					
3	☐	500.000	519.089	571782.60	0.6155	P	0.3
4	☐	5000.000	5702.846	5901181.77	6.7592	A	0.5
5	☐	12500.000	14410.722	14670802.93	17.0796	A	0.1
6	☐	25000.000	28564.601	29337718.71	33.8546	A	0.3
7	☐	50000.000	54703.873	57218280.45	64.8344	A	1.4
8	☐	100000.00	109601.57	113506321.98	129.8983	A	1.7
9	☐	500000.00	497376.25	482111216.33	589.4829	A	0.3

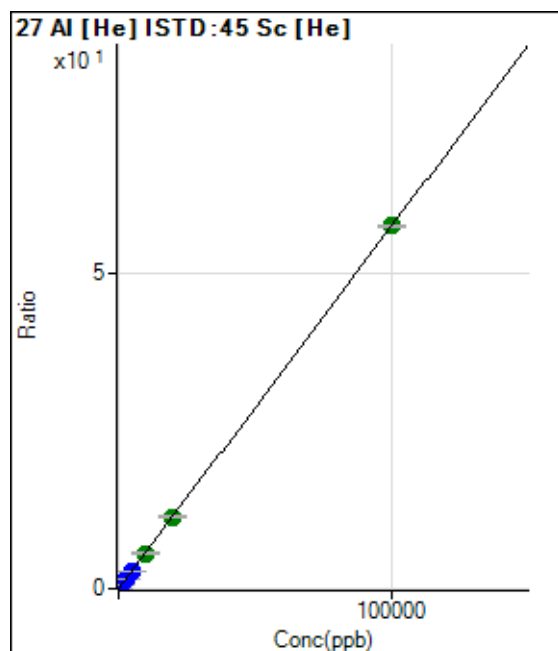
$$y = 0.0012 * x + 2.4663E-004$$

$$R = 0.9998$$

$$DL = 0.0744$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.89	0.0001	P	14.5
2	☐	2.000					
3	☐	20.000	18.702	10117.72	0.0109	P	3.6
4	☐	1000.000	996.460	500946.99	0.5738	P	0.5
5	☐	2500.000	2521.617	1247046.59	1.4518	P	0.5
6	☐	5000.000	5006.566	2497758.69	2.8824	P	1.0
7	☐	10000.000	9771.622	4964644.47	5.6256	A	1.5
8	☐	20000.000	19715.298	9917672.79	11.3501	A	2.0
9	☐	100000.00	100078.94	47118374.66	57.6151	A	0.6

$$y = 5.7570E-004 * x + 1.2315E-004$$

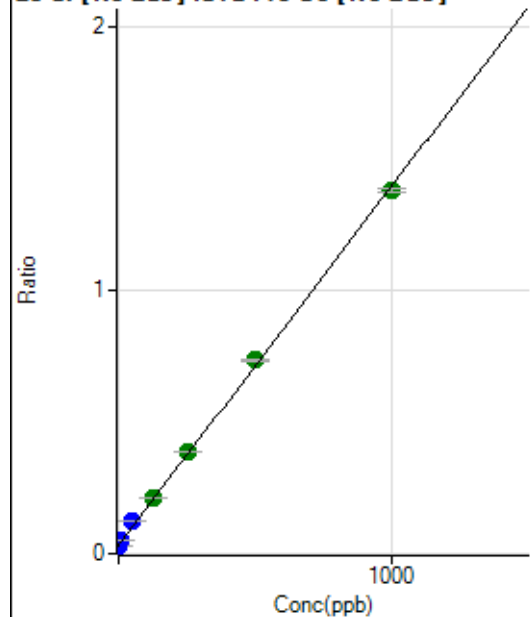
$$R = 1.0000$$

$$DL = 0.09289$$

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	641380.93	0.0319	P	0.7
2	☐	1.000					
3	☐	10.000	11.695	953654.74	0.0479	P	0.8
4	☐	50.000	69.015	2377406.85	0.1260	P	0.3
5	☐	125.000	132.570	3915167.01	0.2127	A	1.8
6	☐	250.000	259.872	7139458.41	0.3863	A	0.7
7	☐	500.000	516.495	13668487.63	0.7362	A	1.3
8	☐	1000.000	987.371	25328615.49	1.3782	A	1.0
9	☐			2373189.92	0.1411	P	2.0

$$y = 0.0014 * x + 0.0319$$

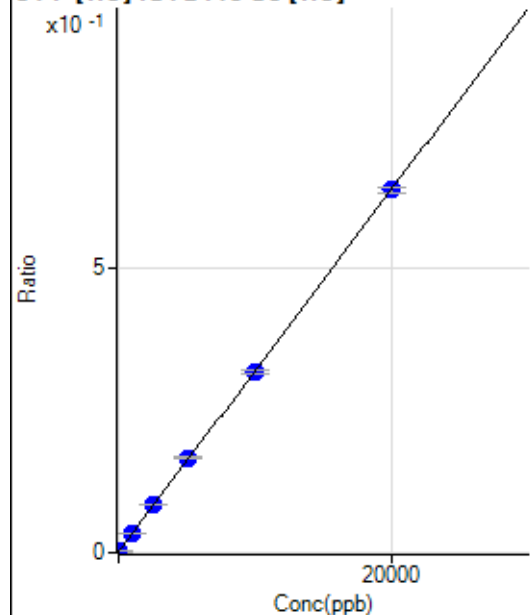
$$R = 0.9997$$

$$DL = 0.47$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-26.197	544.48	0.0006	P	13.3
2	☐	0.000					
3	☐	0.000	26.197	2094.70	0.0023	P	5.1
4	☐	1000.000	996.239	28901.19	0.0331	P	2.1
5	☐	2500.000	2597.532	72177.70	0.0840	P	1.4
6	☐	5000.000	5203.991	144651.44	0.1669	P	1.3
7	☐	10000.000	9924.638	279803.78	0.3170	P	1.3
8	☐	20000.000	19974.680	556318.30	0.6367	P	1.9
9	☐			805.61	0.0010	P	11.4

$$y = 3.1802E-005 * x + 0.0014$$

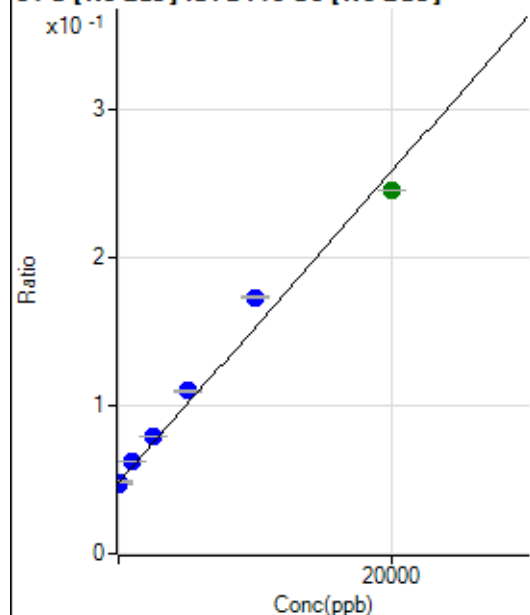
$$R = 0.9999$$

$$DL = 9.075$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-67.495	949063.27	0.0472	P	0.3
2	☐	0.000					
3	☐	0.000	67.495	969149.41	0.0486	P	0.3
4	☐	1000.000	1322.962	1166066.89	0.0618	P	0.6
5	☐	2500.000	2992.907	1460597.49	0.0793	P	0.4
6	☐	5000.000	5877.983	2026046.81	0.1096	P	0.7
7	☐	10000.000	11908.481	3210206.63	0.1729	P	1.2
8	☐	20000.000	18748.502	4496899.58	0.2447	A	0.1
9	☐			778657.43	0.0463	P	0.6

$$y = 1.0495\text{E-}005 * x + 0.0479$$

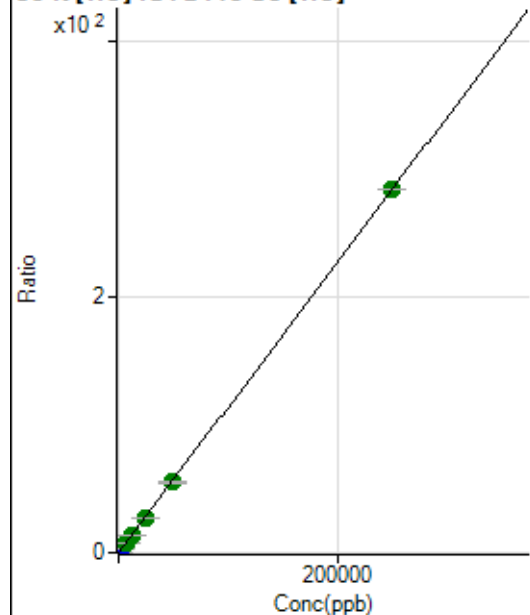
$$R = 0.9916$$

$$DL = 38.45$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	46323.16	0.0501	P	1.3
2	☐	50.000					
3	☐	500.000	460.152	530957.52	0.5715	P	0.2
4	☐	2500.000	2449.682	2467153.70	2.8258	P	0.2
5	☐	6250.000	6192.826	6070403.82	7.0671	A	0.2
6	☐	12500.000	12370.878	12190328.75	14.0674	A	0.8
7	☐	25000.000	24053.582	24096924.50	27.3049	A	1.5
8	☐	50000.000	48508.988	48073607.33	55.0150	A	1.5
9	☐	250000.00	250401.31	232082866.30	283.7762	A	0.2

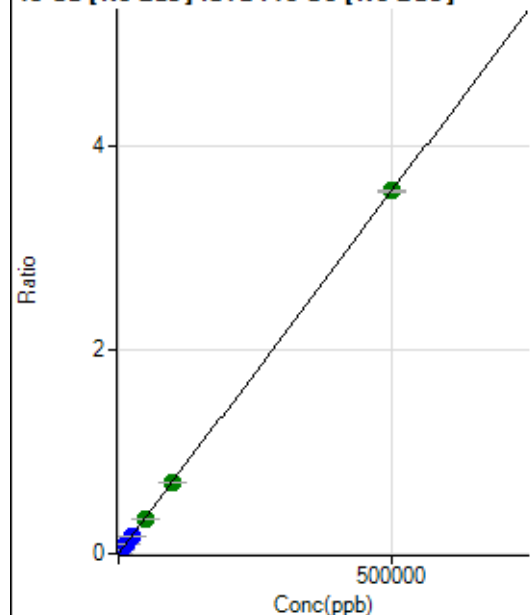
$$y = 0.0011 * x + 0.0501$$

$$R = 1.0000$$

$$DL = 1.678$$

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	311.13	0.0000	P	4.3
2	☐	50.000					
3	☐	500.000	454.093	64564.28	0.0032	P	0.4
4	☐	5000.000	4968.927	665931.65	0.0353	P	1.2
5	☐	12500.000	12515.720	1636417.17	0.0889	P	0.4
6	☐	25000.000	24936.297	3273106.54	0.1771	P	0.9
7	☐	50000.000	48478.210	6391513.77	0.3443	A	1.1
8	☐	100000.00	98419.812	12843512.35	0.6989	A	0.8
9	☐	500000.00	500471.36	59762913.14	3.5538	A	0.4

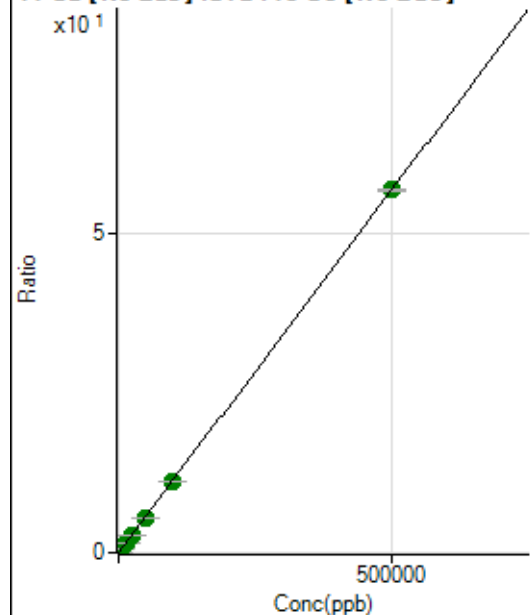
$$y = 7.1008\text{E-}006 * x + 1.5479\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.28$$

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	29217.16	0.0015	P	3.0
2	☐	50.000					
3	☐	500.000	455.156	1055850.25	0.0530	P	0.3
4	☐	5000.000	4877.190	10444408.74	0.5536	A	0.7
5	☐	12500.000	12468.849	26015538.43	1.4131	A	0.3
6	☐	25000.000	24783.470	51888897.34	2.8073	A	0.4
7	☐	50000.000	48502.561	101982139.09	5.4926	A	0.6
8	☐	100000.00	98048.564	204030433.73	11.1020	A	0.8
9	☐	500000.00	500552.90	953022521.30	56.6712	A	0.3

$$y = 1.1321\text{E-}004 * x + 0.0015$$

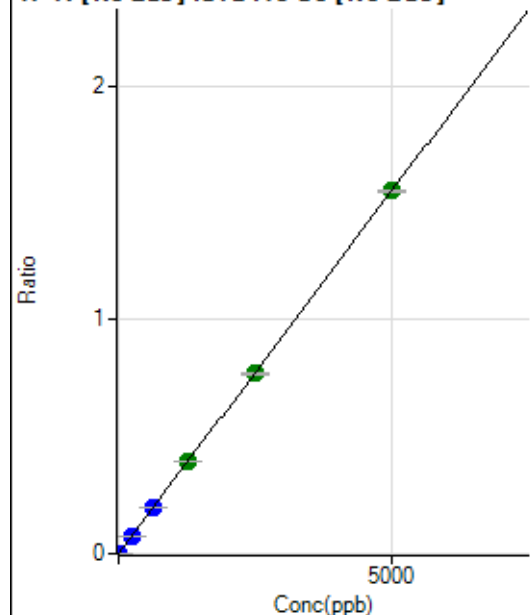
$$R = 1.0000$$

$$DL = 1.161$$

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	202.79	0.0000	P	31.5
2	☐	0.500					
3	☐	5.000	4.688	29174.17	0.0015	P	2.8
4	☐	250.000	248.521	1454234.56	0.0771	P	0.7
5	☐	625.000	629.346	3593385.76	0.1952	P	0.6
6	☐	1250.000	1261.247	7230026.03	0.3912	A	0.2
7	☐	2500.000	2485.830	14313737.12	0.7709	A	0.9
8	☐	5000.000	5003.804	28518700.99	1.5518	A	0.5
9	☐			8961.44	0.0005	P	4.5

$$y = 3.1013\text{E-}004 * x + 1.0092\text{E-}005$$

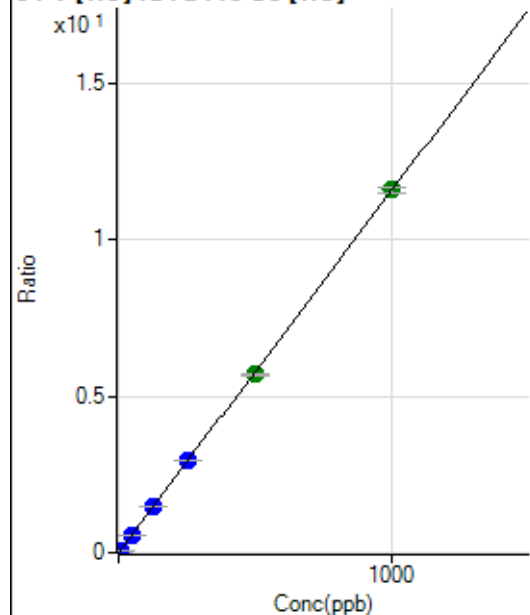
$$R = 1.0000$$

$$DL = 0.03075$$

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	20.00	0.0000	P	66.0
2	☐	0.500					
3	☐	5.000	4.968	53428.72	0.0575	P	0.6
4	☐	50.000	49.677	501912.42	0.5749	P	0.8
5	☐	125.000	127.096	1263362.07	1.4708	P	0.1
6	☐	250.000	254.602	2553217.77	2.9463	P	0.5
7	☐	500.000	491.841	5023016.17	5.6917	A	1.4
8	☐	1000.000	1002.683	10139318.11	11.6033	A	1.5
9	☐			2013.50	0.0025	P	12.2

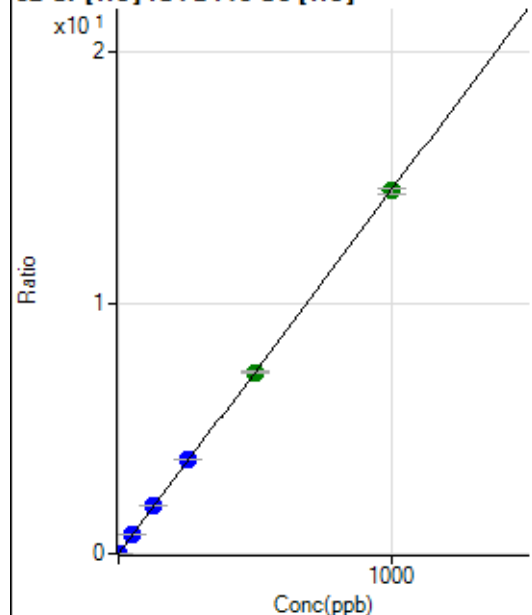
$$y = 0.0116 * x + 2.1585\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.003695$$

Weight: <None>

Min Conc: 0

52 Cr [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3513.82	0.0038	P	5.3
2	☐	0.200					
3	☐	2.000	1.899	29123.43	0.0313	P	0.3
4	☐	50.000	51.338	653493.01	0.7485	P	0.4
5	☐	125.000	130.361	1627595.41	1.8948	P	0.4
6	☐	250.000	258.692	3255243.67	3.7564	P	0.3
7	☐	500.000	498.891	6390149.14	7.2408	A	1.2
8	☐	1000.000	997.644	12649351.89	14.4757	A	1.5
9	☐			98924.68	0.1210	P	2.2

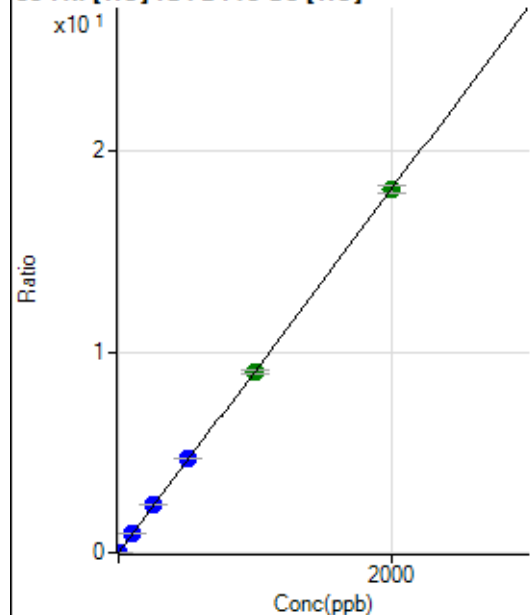
$$y = 0.0145 * x + 0.0038$$

$$R = 0.9999$$

$$DL = 0.04177$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	70.00	0.0001	P	10.3
2	☐	0.100					
3	☐	1.000	0.999	8472.58	0.0091	P	0.6
4	☐	100.000	102.360	808869.92	0.9265	P	0.2
5	☐	250.000	261.500	2032934.80	2.3667	P	0.3
6	☐	500.000	519.169	4071848.90	4.6987	P	0.2
7	☐	1000.000	995.266	7949249.25	9.0075	A	1.5
8	☐	2000.000	1996.019	15784350.60	18.0647	A	2.2
9	☐			73432.37	0.0898	P	0.8

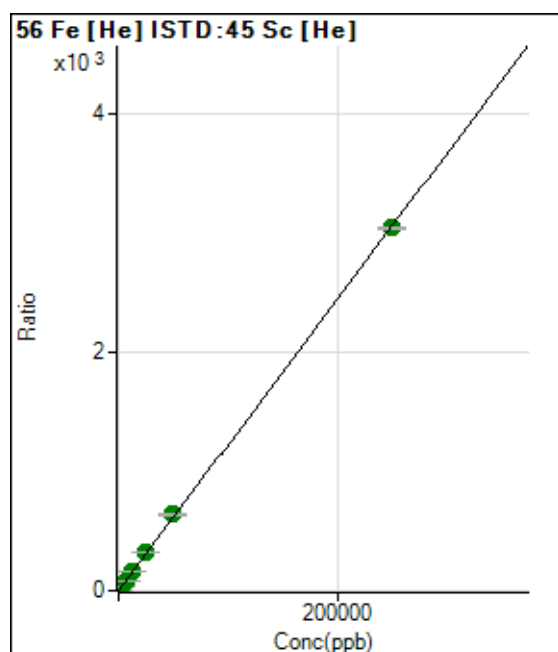
$$y = 0.0091 * x + 7.5781E-005$$

$$R = 0.9999$$

$$DL = 0.002577$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17069.56	0.0185	P	2.0
2	☐	5.000					
3	☐	50.000	54.987	639884.48	0.6888	P	0.3
4	☐	2500.000	2699.120	28741569.16	32.9206	A	0.5
5	☐	6250.000	6901.226	72276555.32	84.1440	A	0.4
6	☐	12500.000	13626.488	143955297.66	166.1246	A	1.0
7	☐	25000.000	26216.047	282045008.16	319.5906	A	1.3
8	☐	50000.000	52317.940	557267501.35	637.7711	A	2.1
9	☐	250000.00	249340.21	2485689300.0	3,039.461	A	0.7

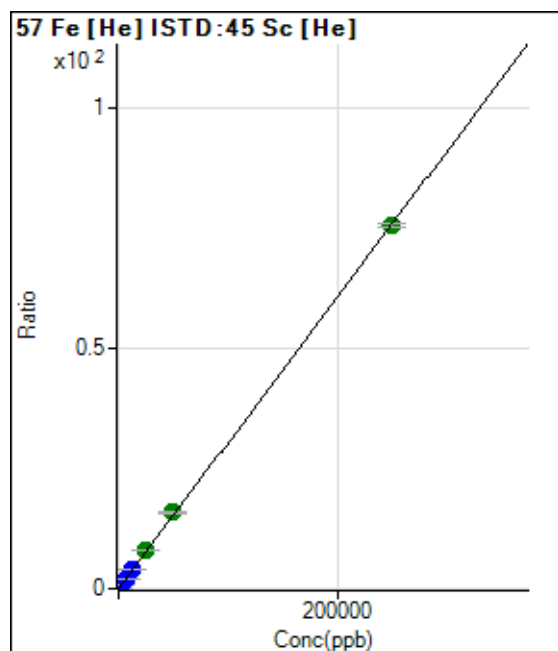
$$y = 0.0122 * x + 0.0185$$

$$R = 0.9999$$

$$DL = 0.09275$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	350.01	0.0004	P	12.5
2	☐	5.000					
3	☐	50.000	56.325	16211.18	0.0174	P	1.8
4	☐	2500.000	2709.035	717092.86	0.8214	P	0.9
5	☐	6250.000	6890.779	1794094.54	2.0887	P	0.4
6	☐	12500.000	13691.581	3596017.99	4.1497	P	0.5
7	☐	25000.000	26271.981	7026819.83	7.9622	A	1.3
8	☐	50000.000	52587.103	13925767.67	15.9372	A	1.9
9	☐	250000.00	249277.69	61780259.71	75.5454	A	1.0

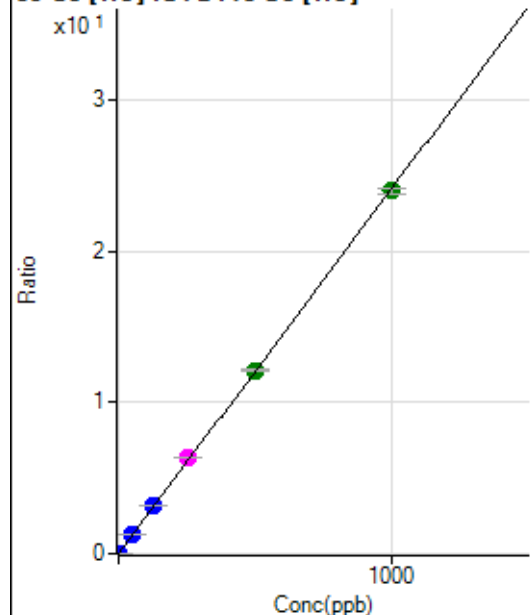
$$y = 3.0306E-004 * x + 3.7890E-004$$

$$R = 0.9999$$

$$DL = 0.4683$$

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	143.34	0.0002	P	19.3
2	☐	0.100					
3	☐	1.000	0.985	22237.06	0.0239	P	2.2
4	☐	50.000	52.615	1108691.89	1.2699	P	1.3
5	☐	125.000	133.449	2766444.19	3.2207	P	0.2
6	☐	250.000	262.531	5490573.25	6.3358	M	0.3
7	☐	500.000	502.023	10692178.94	12.1155	A	1.3
8	☐	1000.000	994.669	20975248.43	24.0045	A	1.8
9	☐			219501.58	0.2684	P	0.9

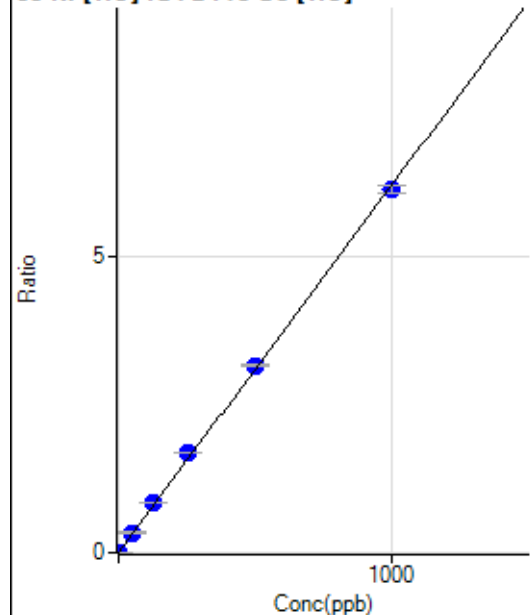
$$y = 0.0241 * x + 1.5525E-004$$

$$R = 0.9999$$

$$DL = 0.003727$$

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	195.56	0.0002	P	19.0
2	☐	0.100					
3	☐	1.000	1.124	6686.08	0.0072	P	1.7
4	☐	50.000	54.655	296651.27	0.3398	P	1.2
5	☐	125.000	138.462	739134.92	0.8605	P	0.4
6	☐	250.000	272.227	1465912.45	1.6916	P	0.2
7	☐	500.000	508.531	2788652.18	3.1598	P	0.9
8	☐	1000.000	988.262	5365397.04	6.1404	P	2.1
9	☐			62352.07	0.0762	P	1.1

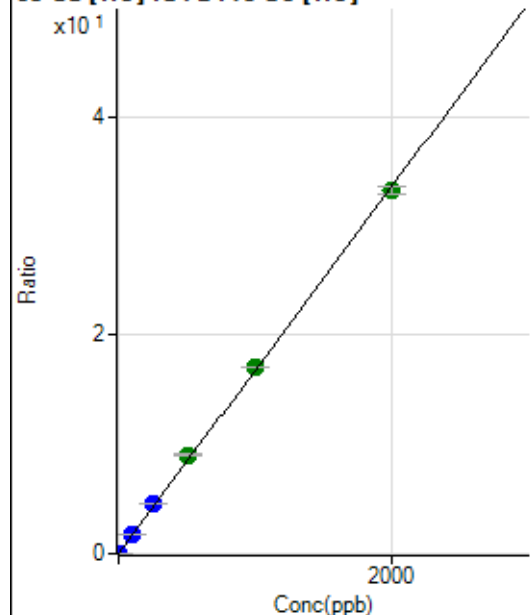
$$y = 0.0062 * x + 2.1139E-004$$

$$R = 0.9996$$

$$DL = 0.01935$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3720.54	0.0040	P	5.3
2	☐	0.200					
3	☐	2.000	2.034	35487.61	0.0382	P	0.6
4	☐	100.000	108.815	1599770.93	1.8324	P	0.4
5	☐	250.000	275.745	3983132.58	4.6372	P	0.5
6	☐	500.000	539.054	7852182.17	9.0613	A	0.8
7	☐	1000.000	1016.629	15079000.33	17.0856	A	0.7
8	☐	2000.000	1978.263	29047401.23	33.2432	A	2.0
9	☐			33898.32	0.0415	P	2.0

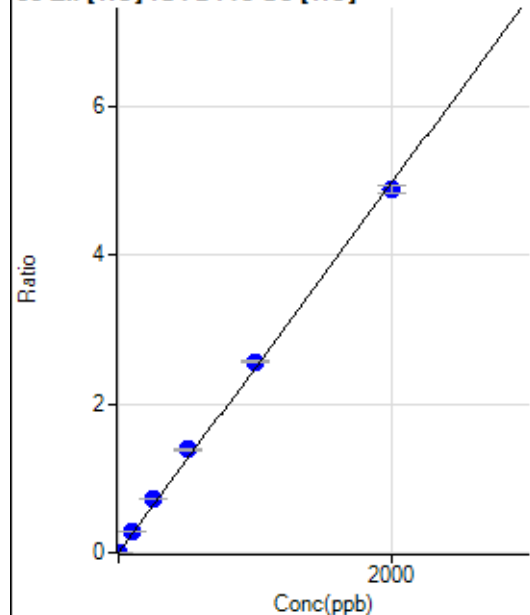
$$y = 0.0168 * x + 0.0040$$

$$R = 0.9997$$

$$DL = 0.03782$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	837.82	0.0009	P	5.1
2	☐	0.200					
3	☐	2.000	2.190	5899.06	0.0063	P	4.0
4	☐	100.000	113.338	246622.81	0.2825	P	1.2
5	☐	250.000	286.956	613149.22	0.7138	P	0.5
6	☐	500.000	556.987	1199959.16	1.3847	P	0.3
7	☐	1000.000	1034.754	2269502.48	2.5717	P	1.6
8	☐	2000.000	1963.090	4262295.04	4.8780	P	2.1
9	☐			31084.37	0.0380	P	0.6

$$y = 0.0025 * x + 9.0678E-004$$

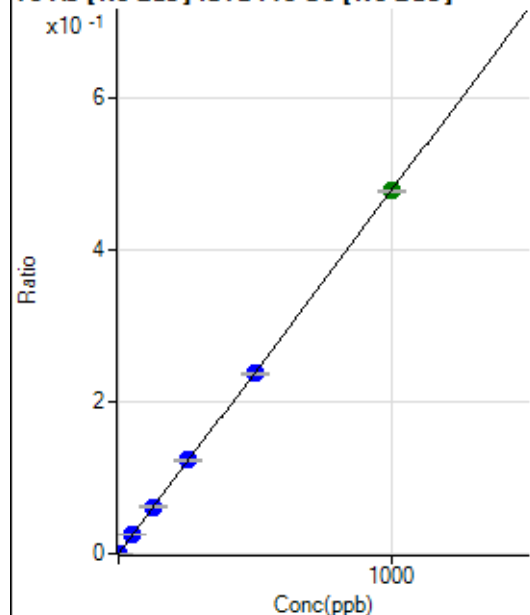
$$R = 0.9992$$

$$DL = 0.05625$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-1668.60	-0.0001	P	-12.
2	☐	0.100					
3	☐	1.000	0.866	6616.44	0.0003	P	10.1
4	☐	50.000	51.520	464140.10	0.0246	P	1.3
5	☐	125.000	129.313	1139126.53	0.0619	P	1.0
6	☐	250.000	256.897	2273646.18	0.1230	P	0.2
7	☐	500.000	497.264	4422168.57	0.2382	P	1.0
8	☐	1000.000	999.029	8795496.92	0.4786	A	0.6
9	☐			8117.34	0.0005	P	4.5

$$y = 4.7914\text{E-}004 * x - 8.3018\text{E-}005$$

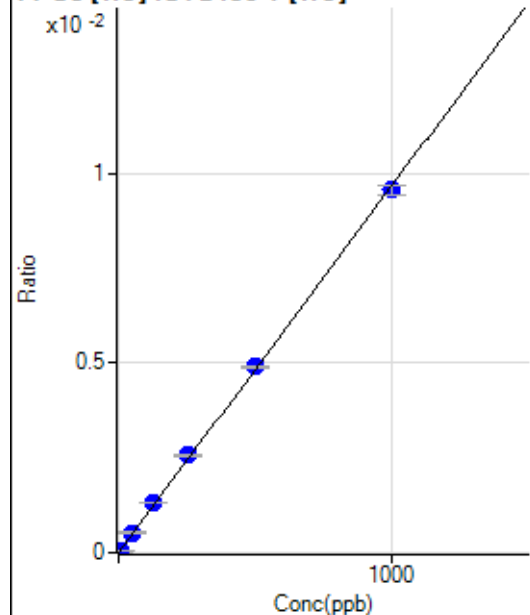
$$R = 1.0000$$

$$DL = 0.06394$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.268	227.79	0.0001	P	8.2
4	☐	50.000	54.021	2191.31	0.0005	P	5.0
5	☐	125.000	137.097	5466.66	0.0013	P	1.0
6	☐	250.000	265.883	10609.62	0.0026	P	1.3
7	☐	500.000	508.666	20559.22	0.0049	P	1.1
8	☐	1000.000	989.982	39191.90	0.0096	P	2.6
9	☐			16.67	0.0000	P	53.0

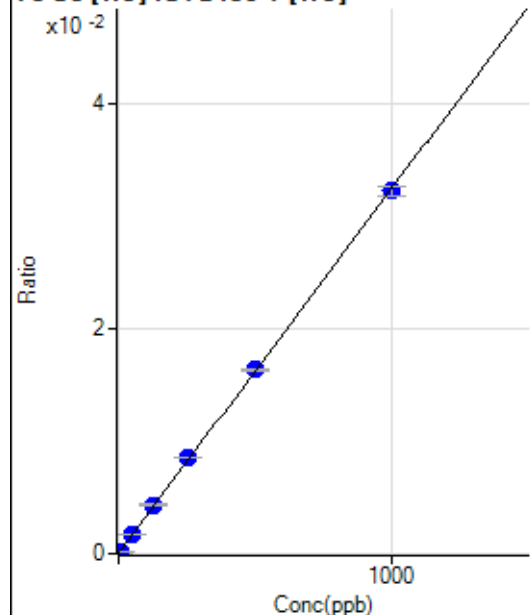
$$y = 9.6684\text{E-}006 * x + 2.5359\text{E-}007$$

$$R = 0.9998$$

$$DL = 0.1363$$

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	185.81	0.0000	P	9.6
2	☐	0.500					
3	☐	5.000	5.119	927.20	0.0002	P	2.5
4	☐	50.000	52.463	7315.49	0.0017	P	2.2
5	☐	125.000	132.683	17922.87	0.0043	P	2.0
6	☐	250.000	263.357	35431.47	0.0086	P	0.8
7	☐	500.000	502.694	68339.35	0.0163	P	1.8
8	☐	1000.000	994.230	132234.40	0.0323	P	2.3
9	☐			213.58	0.0001	P	9.1

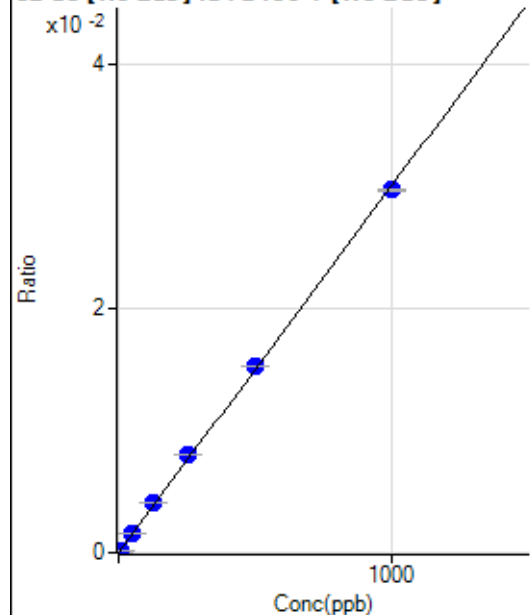
$$y = 3.2440\text{E-}005 * x + 4.2407\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.3763$$

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	-32.57	0.0000	P	-49.
2	☐	0.500					
3	☐	5.000	5.381	4773.61	0.0002	P	0.7
4	☐	50.000	54.531	46587.50	0.0016	P	0.1
5	☐	125.000	136.338	113799.30	0.0041	P	0.5
6	☐	250.000	266.919	224803.82	0.0080	P	0.6
7	☐	500.000	509.312	429808.27	0.0153	P	0.3
8	☐	1000.000	989.468	823550.44	0.0297	P	0.2
9	☐			452.63	0.0000	P	7.9

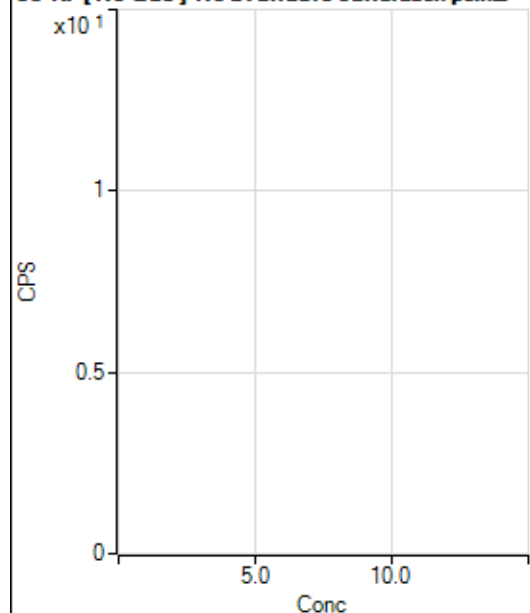
$$y = 2.9994\text{E-}005 * x - 1.0814\text{E-}006$$

$$R = 0.9998$$

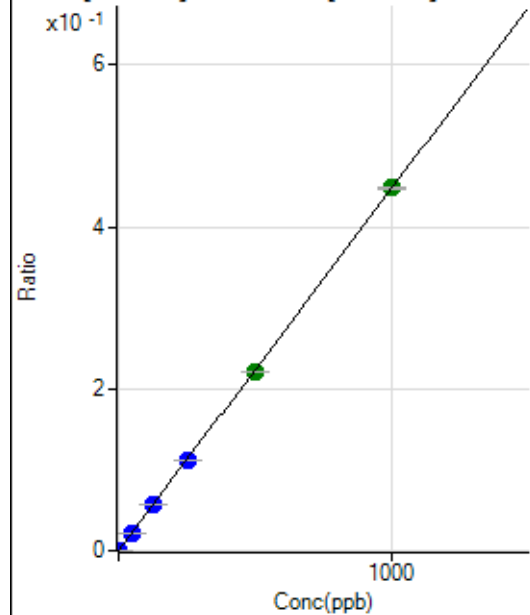
$$DL = 0.05305$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			1325.64		P	0.6
2	☐						
3	☐			1303.41		P	2.0
4	☐			1218.96		P	5.3
5	☐			1172.29		P	3.3
6	☐			1191.18		P	8.5
7	☐			1256.75		P	2.9
8	☐			1190.07		P	5.4
9	☐			1362.31		P	3.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2053.01	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	0.894	13940.60	0.0005	P	4.3
4	☐	50.000	49.885	637710.26	0.0224	P	0.3
5	☐	125.000	126.178	1572407.88	0.0565	P	0.8
6	☐	250.000	251.157	3155755.93	0.1124	P	0.5
7	☐	500.000	495.185	6232123.58	0.2215	A	0.1
8	☐	1000.000	1001.977	12434862.87	0.4481	A	0.2
9	☐			47897.62	0.0019	P	0.4

$$y = 4.4714\text{E-}004 * x + 6.8230\text{E-}005$$

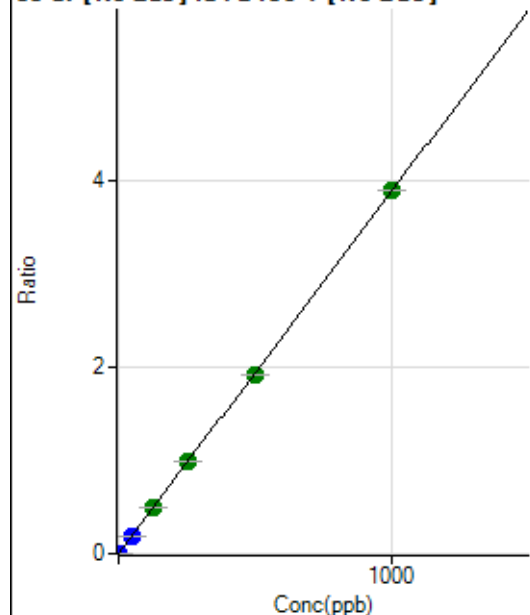
$$R = 1.0000$$

$$DL = 0.05301$$

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	325.02	0.0000	P	13.5
2	☐	0.100					
3	☐	1.000	0.897	104274.73	0.0035	P	0.9
4	☐	50.000	50.267	5573292.53	0.1955	P	0.4
5	☐	125.000	125.646	13604894.23	0.4887	A	0.9
6	☐	250.000	252.705	27605317.98	0.9830	A	0.2
7	☐	500.000	495.035	54181226.91	1.9256	A	0.3
8	☐	1000.000	1001.712	108128566.30	3.8964	A	0.1
9	☐			407845.67	0.0163	P	0.4

$$y = 0.0039 * x + 1.0801E-005$$

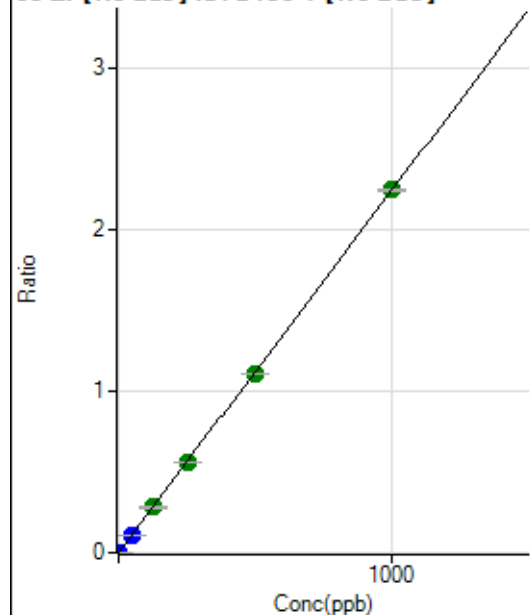
$$R = 1.0000$$

$$DL = 0.001122$$

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	1730.73	0.0001	P	6.6
2	☐	0.100					
3	☐	1.000	0.912	62439.27	0.0021	P	1.6
4	☐	50.000	49.473	3155300.94	0.1107	P	0.2
5	☐	125.000	125.115	7790498.44	0.2799	A	0.8
6	☐	250.000	250.594	15740902.61	0.5605	A	0.5
7	☐	500.000	494.277	31106092.71	1.1055	A	0.1
8	☐	1000.000	1002.725	62233490.28	2.2426	A	0.5
9	☐			17708.82	0.0007	P	0.8

$$y = 0.0022 * x + 5.7521E-005$$

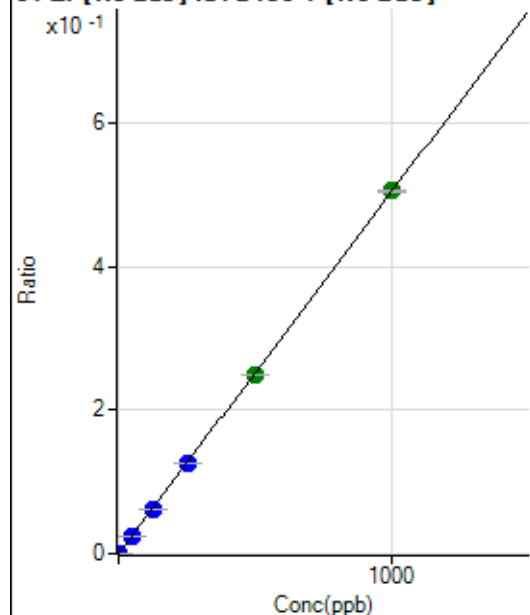
$$R = 1.0000$$

$$DL = 0.005114$$

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	361.13	0.0000	P	13.9
2	☐	0.100					
3	☐	1.000	0.917	14135.29	0.0005	P	1.5
4	☐	50.000	48.736	701450.47	0.0246	P	0.1
5	☐	125.000	124.274	1746322.22	0.0627	P	0.3
6	☐	250.000	248.702	3525531.20	0.1255	P	0.9
7	☐	500.000	494.593	7024428.98	0.2496	A	0.4
8	☐	1000.000	1003.182	14051402.57	0.5063	A	0.5
9	☐			4111.86	0.0002	P	4.7

$$y = 5.0473\text{E-}004 * x + 1.2000\text{E-}005$$

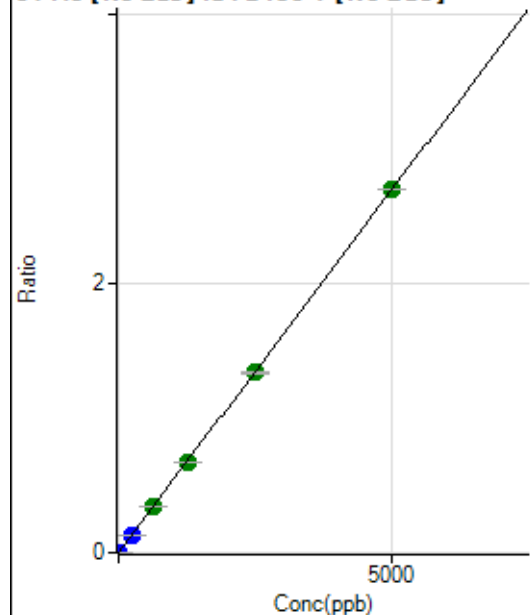
$$R = 1.0000$$

$$DL = 0.009915$$

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	711.16	0.0000	P	14.3
2	☐	0.500					
3	☐	5.000	4.711	76206.82	0.0026	P	1.7
4	☐	250.000	248.311	3810542.88	0.1337	P	0.2
5	☐	625.000	629.465	9432918.96	0.3389	A	0.4
6	☐	1250.000	1258.052	19019532.89	0.6773	A	0.3
7	☐	2500.000	2484.478	37632744.59	1.3375	A	0.7
8	☐	5000.000	5005.275	74772161.39	2.6944	A	0.1
9	☐			36522.68	0.0015	P	2.2

$$y = 5.3831\text{E-}004 * x + 2.3636\text{E-}005$$

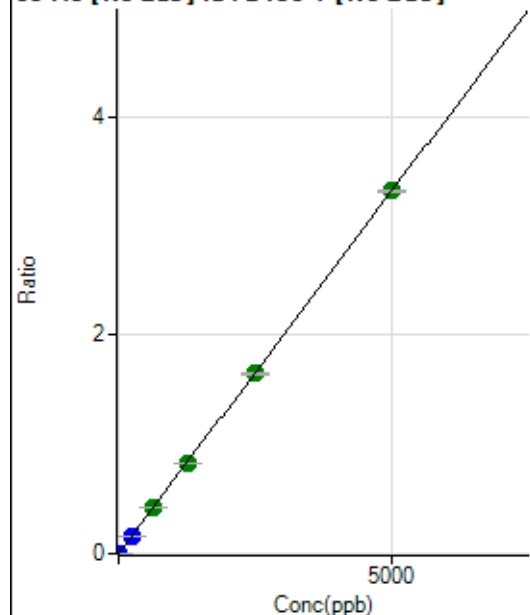
$$R = 1.0000$$

$$DL = 0.01889$$

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	225.01	0.0000	P	6.5
2	☐	0.500					
3	☐	5.000	4.756	94134.75	0.0032	P	0.6
4	☐	250.000	247.450	4677427.36	0.1641	P	0.2
5	☐	625.000	632.000	11666845.74	0.4191	A	0.4
6	☐	1250.000	1254.387	23361732.82	0.8319	A	0.5
7	☐	2500.000	2483.991	46351094.79	1.6473	A	0.4
8	☐	5000.000	5006.161	92129385.39	3.3199	A	0.2
9	☐			64348.31	0.0026	P	1.6

$$y = 6.6316\text{E-}004 * x + 7.4786\text{E-}006$$

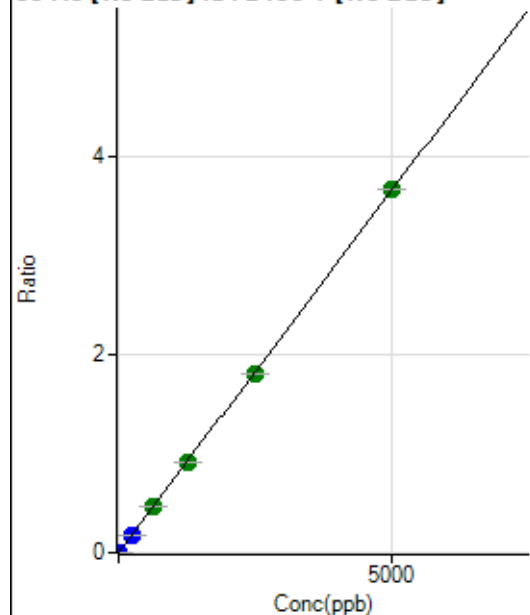
$$R = 1.0000$$

$$DL = 0.002214$$

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	466.70	0.0000	P	13.8
2	☐	0.500					
3	☐	5.000	4.759	103938.01	0.0035	P	1.7
4	☐	250.000	247.669	5155356.75	0.1809	P	0.5
5	☐	625.000	630.720	12821258.70	0.4606	A	0.1
6	☐	1250.000	1254.978	25737498.14	0.9165	A	0.4
7	☐	2500.000	2471.110	50775641.76	1.8046	A	0.5
8	☐	5000.000	5012.602	101580502.97	3.6605	A	0.2
9	☐			86380.94	0.0035	P	2.5

$$y = 7.3025\text{E-}004 * x + 1.5514\text{E-}005$$

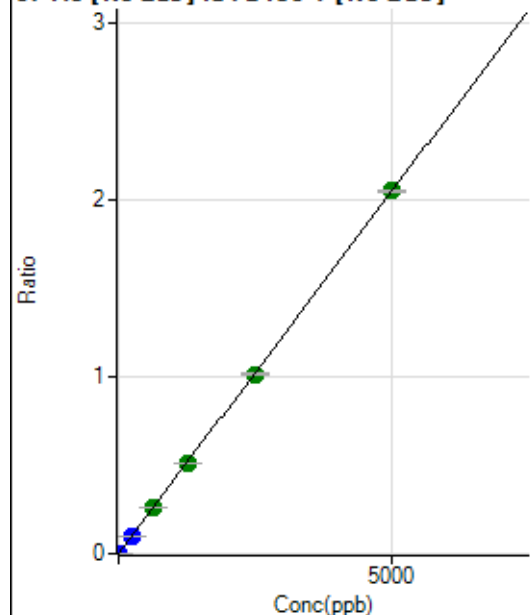
$$R = 1.0000$$

$$DL = 0.008775$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	197.24	0.0000	P	16.9
2	☐	0.500					
3	☐	5.000	4.775	58431.52	0.0020	P	2.2
4	☐	250.000	248.139	2896834.98	0.1016	P	0.2
5	☐	625.000	628.760	7168371.43	0.2575	A	0.3
6	☐	1250.000	1253.247	14414869.94	0.5133	A	0.5
7	☐	2500.000	2479.055	28568945.43	1.0153	A	0.4
8	☐	5000.000	5009.284	56934613.78	2.0516	A	0.6
9	☐			31226.74	0.0013	P	4.8

$$y = 4.0956\text{E-}004 * x + 6.5534\text{E-}006$$

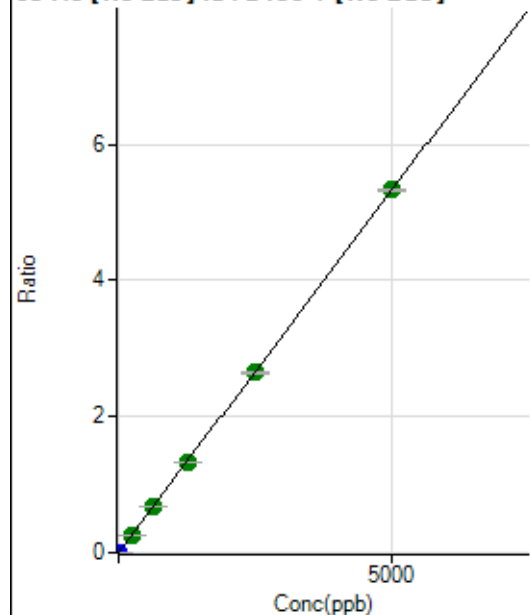
$$R = 1.0000$$

$$DL = 0.008098$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.03	0.0000	P	20.6
2	☐	0.500					
3	☐	5.000	4.747	150697.82	0.0051	P	0.5
4	☐	250.000	244.265	7404403.38	0.2598	A	0.8
5	☐	625.000	627.519	18576721.07	0.6674	A	0.5
6	☐	1250.000	1247.510	37258615.76	1.3267	A	0.4
7	☐	2500.000	2482.566	74288170.41	2.6402	A	0.5
8	☐	5000.000	5009.312	147838203.30	5.3273	A	0.5
9	☐			73135.45	0.0029	P	3.9

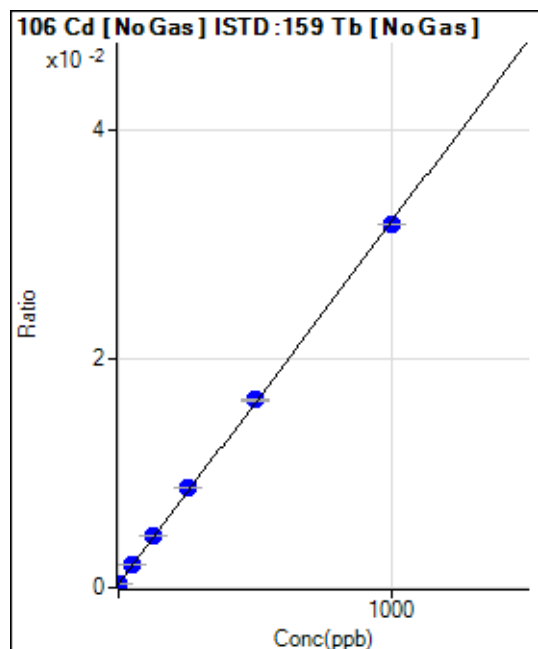
$$y = 0.0011 * x + 1.2468\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.007244$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12227.90	0.0003	P	2.9
2	☐	0.100					
3	☐	1.000	1.401	13698.79	0.0004	P	1.6
4	☐	50.000	53.667	74619.54	0.0020	P	0.2
5	☐	125.000	134.861	167519.44	0.0046	P	0.5
6	☐	250.000	265.647	320717.87	0.0087	P	0.6
7	☐	500.000	507.469	605063.98	0.0164	P	0.5
8	☐	1000.000	990.938	1145898.80	0.0317	P	0.1
9	☐			10871.29	0.0003	P	0.5

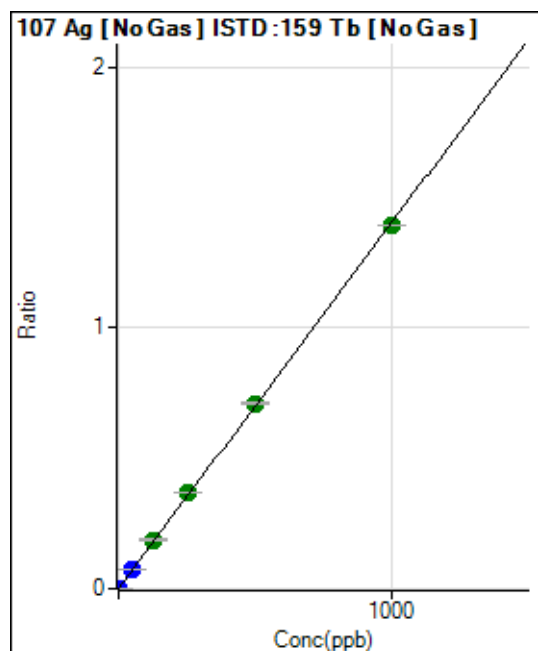
$$y = 3.1658\text{E-}005 * x + 3.1924\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.8702$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397.25	0.0000	P	13.4
2	☐	0.100					
3	☐	1.000	1.089	57936.62	0.0015	P	1.5
4	☐	50.000	54.205	2811029.38	0.0760	P	0.1
5	☐	125.000	133.978	6859897.98	0.1879	A	0.6
6	☐	250.000	264.394	13624009.51	0.3708	A	0.5
7	☐	500.000	506.418	26227624.37	0.7102	A	0.6
8	☐	1000.000	991.860	50299057.72	1.3910	A	0.1
9	☐			5651.40	0.0002	P	9.5

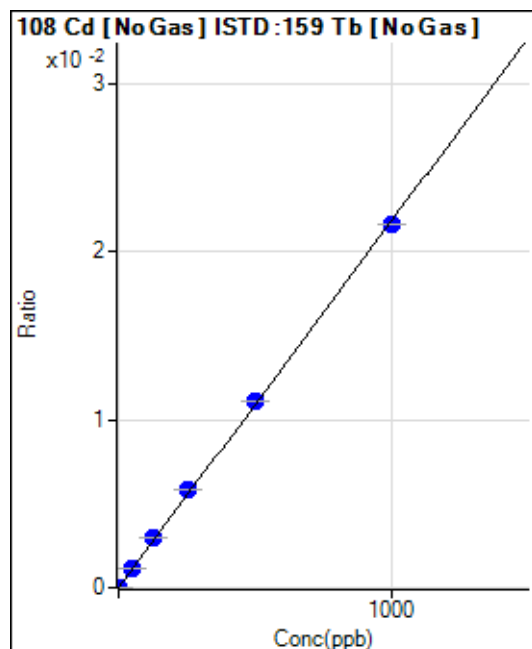
$$y = 0.0014 * x + 1.0378\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.002966$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	40.28	0.0000	P	6.5
2	☐	0.100					
3	☐	1.000	1.066	915.33	0.0000	P	4.9
4	☐	50.000	54.012	43567.03	0.0012	P	0.9
5	☐	125.000	135.678	108003.42	0.0030	P	1.3
6	☐	250.000	266.035	213098.64	0.0058	P	0.6
7	☐	500.000	509.586	410224.98	0.0111	P	0.7
8	☐	1000.000	989.663	780080.92	0.0216	P	0.2
9	☐			163.90	0.0000	P	9.9

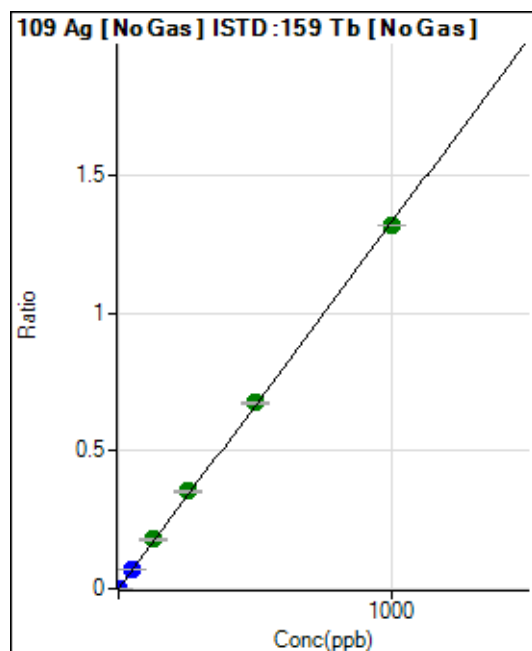
$$y = 2.1798\text{E-}005 * x + 1.0519\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.009475$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	238.90	0.0000	P	24.6
2	☐	0.100					
3	☐	1.000	1.089	54807.03	0.0015	P	1.0
4	☐	50.000	54.670	2689662.13	0.0727	P	0.5
5	☐	125.000	134.260	6521780.83	0.1786	A	0.8
6	☐	250.000	265.565	12982679.54	0.3534	A	0.9
7	☐	500.000	508.074	24964258.72	0.6760	A	0.9
8	☐	1000.000	990.681	47664106.97	1.3182	A	0.1
9	☐			5092.79	0.0002	P	8.5

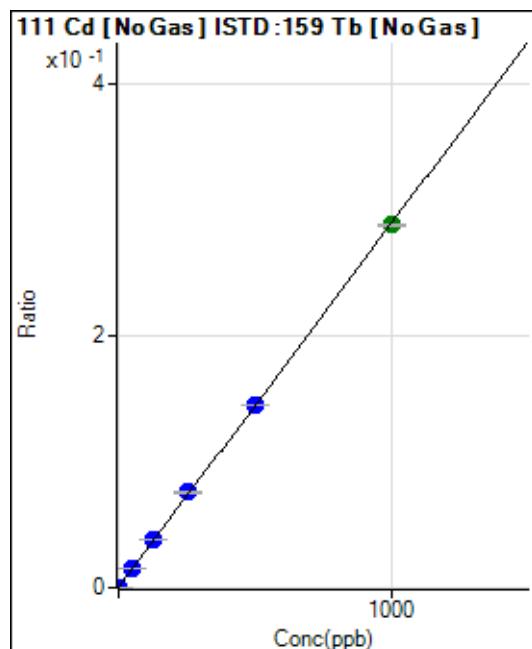
$$y = 0.0013 * x + 6.2317\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.00346$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8560.50	0.0002	P	2.8
2	☐	0.100					
3	☐	1.000	1.024	19562.33	0.0005	P	1.7
4	☐	50.000	53.773	582154.50	0.0157	P	1.0
5	☐	125.000	133.452	1414549.72	0.0387	P	0.2
6	☐	250.000	260.929	2775629.84	0.0755	P	0.8
7	☐	500.000	500.896	5347765.72	0.1448	P	0.5
8	☐	1000.000	995.575	10399723.95	0.2876	A	0.3
9	☐			8893.88	0.0003	P	1.6

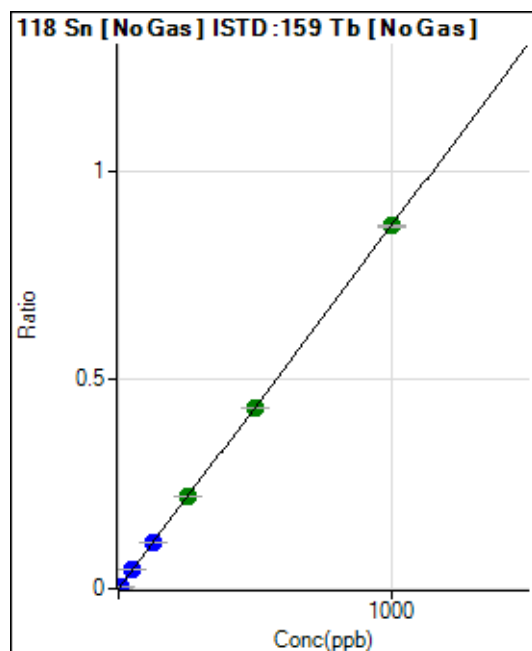
$$y = 2.8866\text{E-}004 * x + 2.2349\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.06439$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2136.37	0.0001	P	4.6
2	☐	0.500					
3	☐	5.000	4.828	160399.79	0.0043	P	0.7
4	☐	50.000	51.286	1651995.53	0.0447	P	0.9
5	☐	125.000	128.497	4084025.13	0.1119	P	0.4
6	☐	250.000	255.561	8172323.71	0.2224	A	1.0
7	☐	500.000	498.092	16006954.87	0.4335	A	0.7
8	☐	1000.000	999.063	31435692.37	0.8694	A	0.6
9	☐			27093.54	0.0009	P	1.0

$$y = 8.7014\text{E-}004 * x + 5.5789\text{E-}005$$

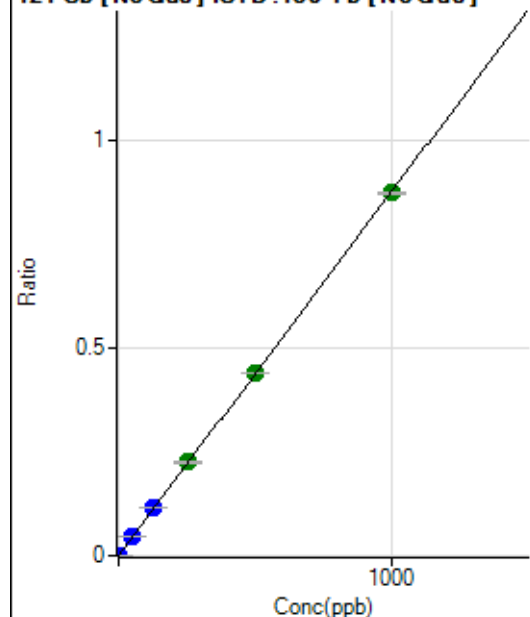
$$R = 1.0000$$

$$DL = 0.008924$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	250.02	0.0000	P	27.9
2	☐	0.200					
3	☐	2.000	1.908	63344.16	0.0017	P	2.5
4	☐	50.000	51.762	1679958.39	0.0454	P	0.8
5	☐	125.000	130.226	4173169.80	0.1143	P	0.5
6	☐	250.000	256.860	8283548.45	0.2255	A	1.0
7	☐	500.000	501.104	16242392.90	0.4398	A	0.2
8	☐	1000.000	996.992	31641977.10	0.8751	A	0.5
9	☐			31260.95	0.0010	P	0.7

$$y = 8.7772\text{E-}004 * x + 6.5357\text{E-}006$$

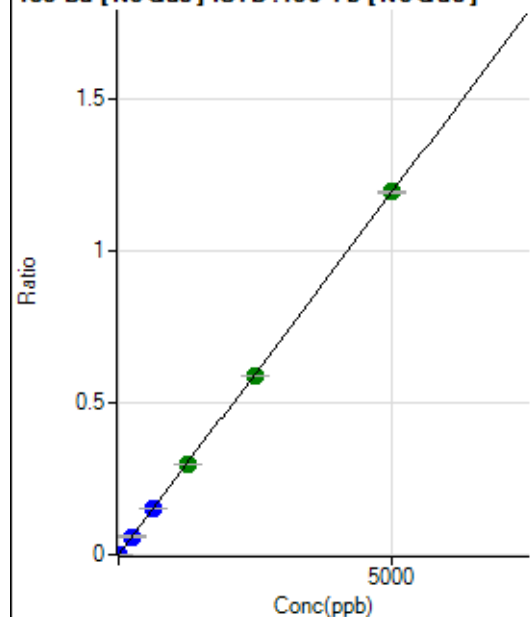
$$R = 1.0000$$

$$DL = 0.00623$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	81.5
2	☐	1.000					
3	☐	10.000	9.643	86725.71	0.0023	P	0.9
4	☐	250.000	252.344	2226176.76	0.0602	P	0.4
5	☐	625.000	635.318	5534323.13	0.1516	P	1.1
6	☐	1250.000	1253.184	10986072.64	0.2990	A	0.9
7	☐	2500.000	2472.276	21783907.43	0.5899	A	0.3
8	☐	5000.000	5011.660	43238997.84	1.1958	A	0.5
9	☐			6815.86	0.0002	P	2.0

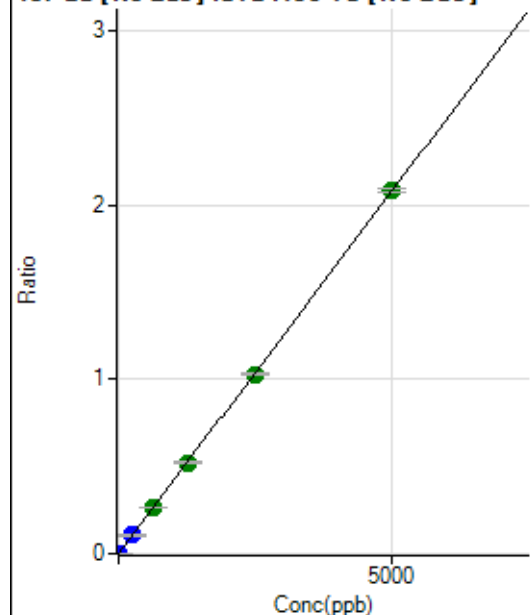
$$y = 2.3860\text{E-}004 * x + 9.4639\text{E-}007$$

$$R = 1.0000$$

$$DL = 0.009702$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	19.1
2	☐	1.000					
3	☐	10.000	9.594	150510.39	0.0040	P	0.7
4	☐	250.000	252.423	3882893.18	0.1050	P	0.8
5	☐	625.000	627.943	9537749.26	0.2613	A	1.1
6	☐	1250.000	1253.829	19165407.37	0.5217	A	1.3
7	☐	2500.000	2476.818	38052987.66	1.0305	A	0.8
8	☐	5000.000	5010.146	75370072.52	2.0844	A	1.0
9	☐			11649.83	0.0004	P	3.7

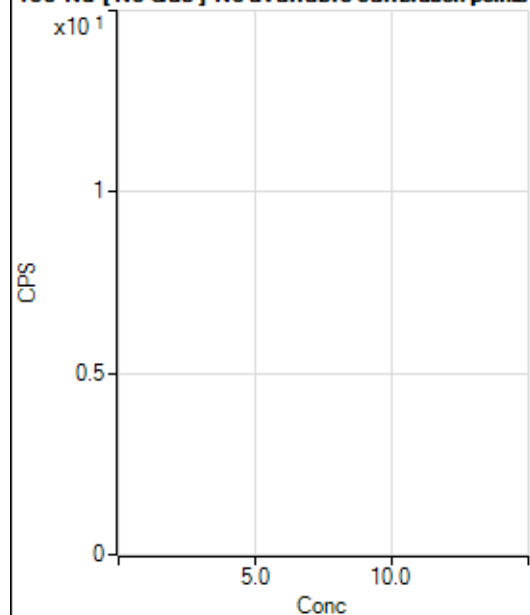
$$y = 4.1604E-004 * x + 3.1889E-006$$

$$R = 1.0000$$

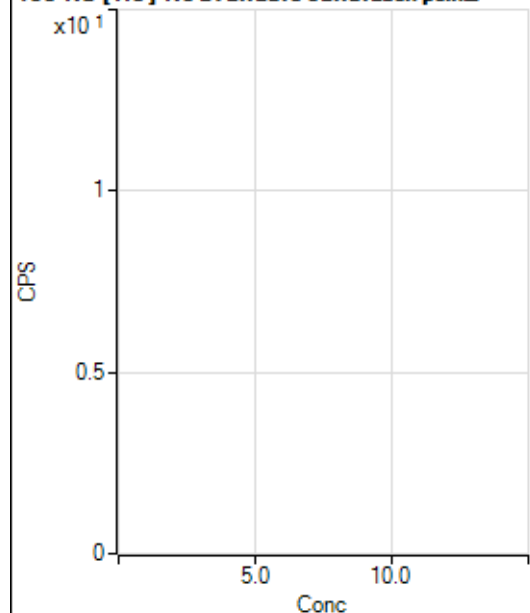
$$DL = 0.004383$$

Weight: <None>

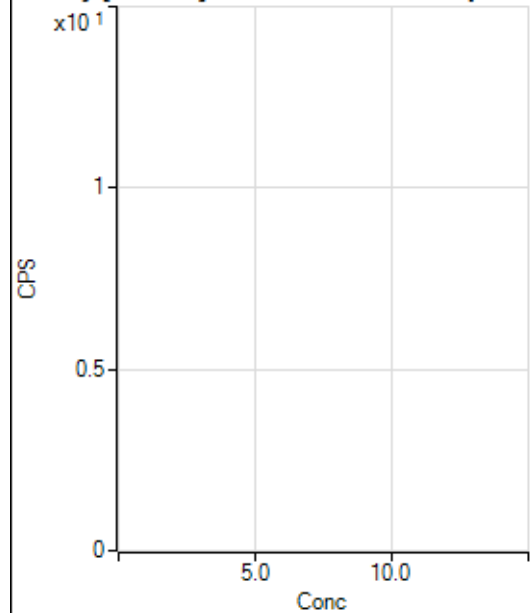
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

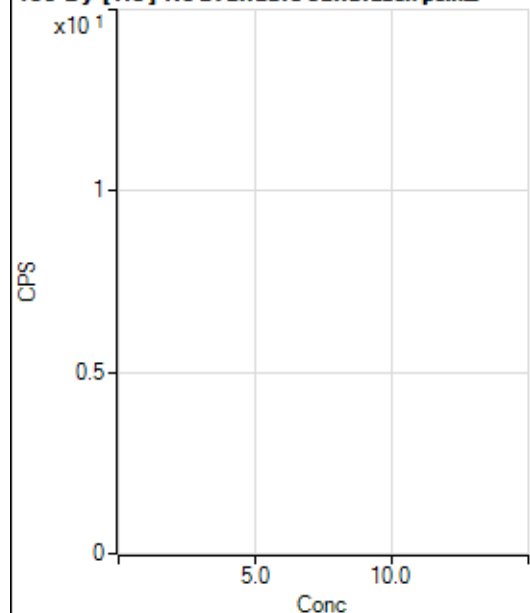
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			8.89		P	43.3
4	☐			184.45		P	12.7
5	☐			564.48		P	7.6
6	☐			1057.86		P	9.6
7	☐			2095.79		P	5.6
8	☐			3547.26		P	2.6
9	☐			613.37		P	22.8

150 Nd [He] No available calibration points

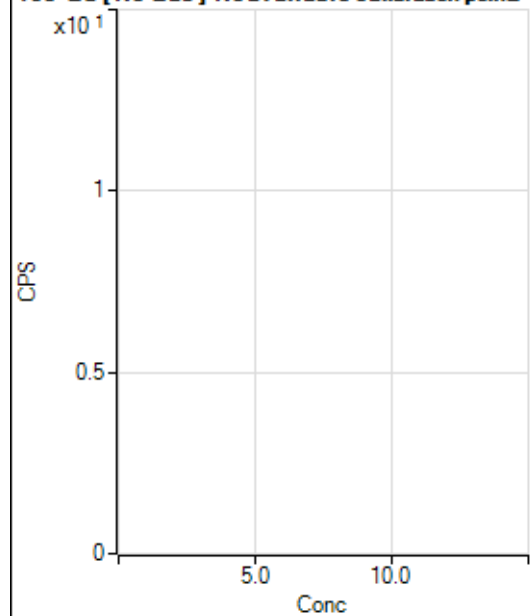
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			3.33		P	100.
4	☐			22.22		P	45.8
5	☐			78.89		P	10.6
6	☐			105.56		P	6.6
7	☐			235.56		P	7.3
8	☐			367.79		P	10.2
9	☐			254.45		P	10.6

156 Dy [No Gas] No available calibration points

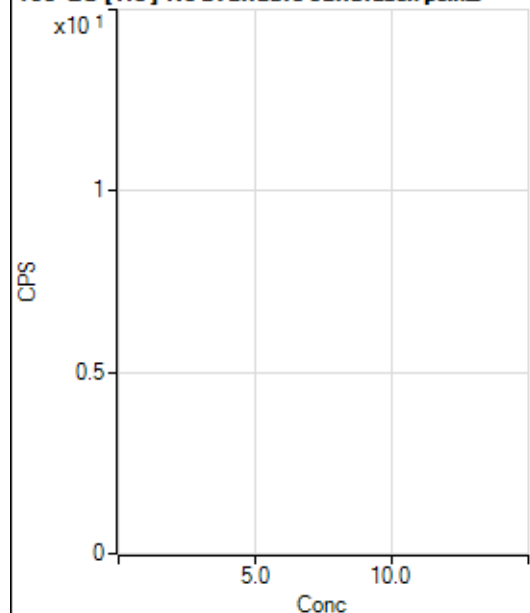
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			25.00		P	33.3
2	☐						
3	☐			8.33		P	173.
4	☐			83.34		P	26.5
5	☐			97.23		P	26.2
6	☐			294.46		P	11.8
7	☐			519.51		P	19.9
8	☐			805.61		P	3.6
9	☐			338.91		P	8.6

156 Dy [He] No available calibration points

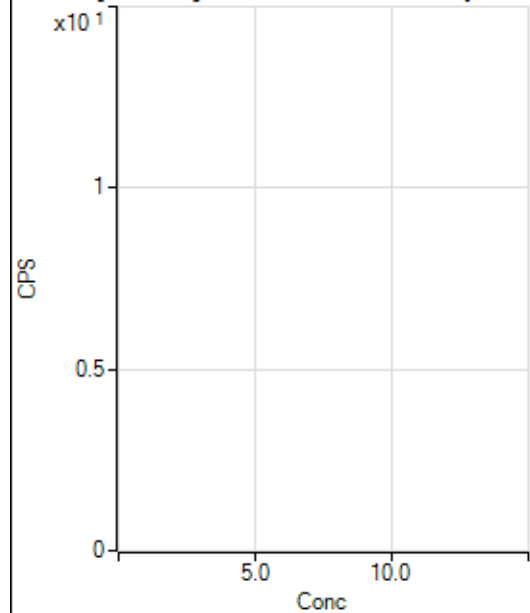
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	33.3
2	☐						
3	☐			7.78		P	65.5
4	☐			31.11		P	48.3
5	☐			92.23		P	33.6
6	☐			183.34		P	11.4
7	☐			338.90		P	7.4
8	☐			680.03		P	12.2
9	☐			150.00		P	5.9

160 Gd [No Gas] Noavailable calibration poin_

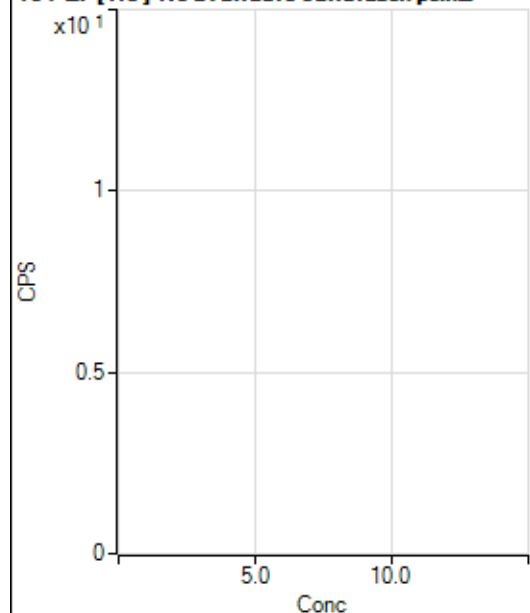
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			216.68		P	10.2
2	☐						
3	☐			227.79		P	13.8
4	☐			180.57		P	17.5
5	☐			258.35		P	3.2
6	☐			283.35		P	10.6
7	☐			386.13		P	8.2
8	☐			461.14		P	15.4
9	☐			472.25		P	2.7

160 Gd [He] No available calibration points

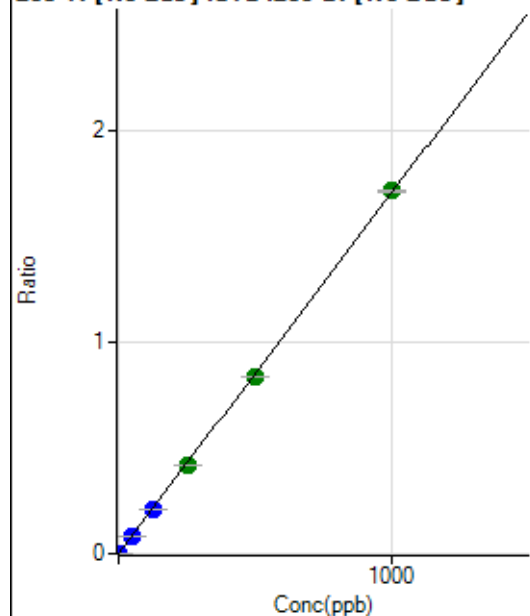
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			483.35		P	16.3
2	☐						
3	☐			493.35		P	11.4
4	☐			486.68		P	7.2
5	☐			506.69		P	4.1
6	☐			462.24		P	9.3
7	☐			491.13		P	3.9
8	☐			521.13		P	8.8
9	☐			545.58		P	6.7

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			91.67		P	24.1
2	☐						
3	☐			122.23		P	14.2
4	☐			158.34		P	22.9
5	☐			161.12		P	31.6
6	☐			158.34		P	13.9
7	☐			205.57		P	36.8
8	☐			211.12		P	9.9
9	☐			163.90		P	32.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			55.56		P	36.2
2	☐						
3	☐			46.67		P	12.4
4	☐			56.67		P	38.6
5	☐			62.22		P	15.5
6	☐			46.67		P	7.1
7	☐			101.11		P	34.3
8	☐			102.23		P	8.2
9	☐			93.34		P	10.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1219.56	0.0000	P	4.3
2	☐	0.100					
3	☐	1.000	0.855	37687.72	0.0015	P	2.6
4	☐	50.000	48.649	2031832.08	0.0828	P	0.3
5	☐	125.000	123.220	5061839.65	0.2096	P	0.5
6	☐	250.000	246.669	9983401.61	0.4196	A	0.6
7	☐	500.000	489.425	19314039.15	0.8325	A	0.3
8	☐	1000.000	1006.410	37644523.76	1.7118	A	0.5
9	☐			7772.09	0.0005	P	6.2

$$y = 0.0017 * x + 4.8413E-005$$

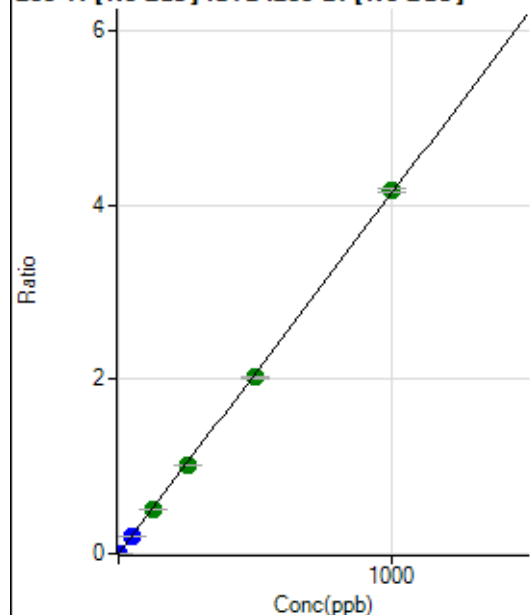
$$R = 0.9999$$

$$DL = 0.003704$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2667.07	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.865	92445.55	0.0037	P	1.0
4	☐	50.000	48.745	4951434.62	0.2018	P	0.8
5	☐	125.000	122.325	12222521.02	0.5062	A	0.3
6	☐	250.000	246.370	24253485.78	1.0194	A	0.9
7	☐	500.000	488.845	46922274.31	2.0225	A	0.4
8	☐	1000.000	1006.882	91602390.94	4.1657	A	1.0
9	☐			19350.94	0.0012	P	5.2

$$y = 0.0041 * x + 1.0585E-004$$

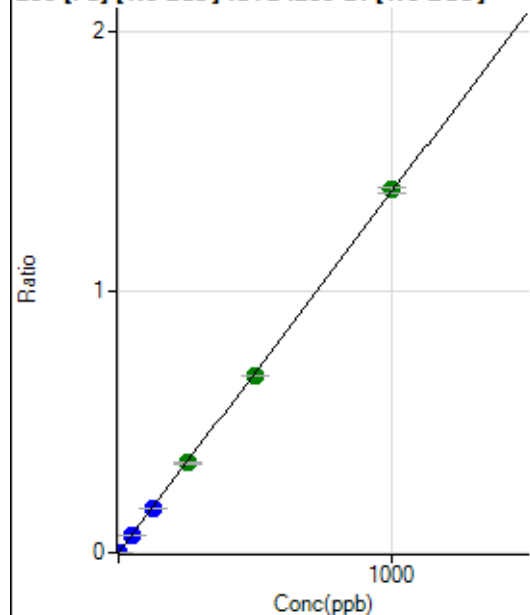
$$R = 0.9999$$

$$DL = 0.004721$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1927.97	0.0001	P	5.7
2	☐	0.100					
3	☐	1.000	0.881	32514.52	0.0013	P	0.6
4	☐	50.000	48.765	1658332.44	0.0676	P	0.9
5	☐	125.000	123.592	4132738.46	0.1712	P	0.9
6	☐	250.000	247.837	8164340.11	0.3431	A	0.5
7	☐	500.000	490.604	15757062.04	0.6792	A	0.5
8	☐	1000.000	1005.477	30606346.29	1.3919	A	1.5
9	☐			27334.12	0.0017	P	3.3

$$y = 0.0014 * x + 7.6517E-005$$

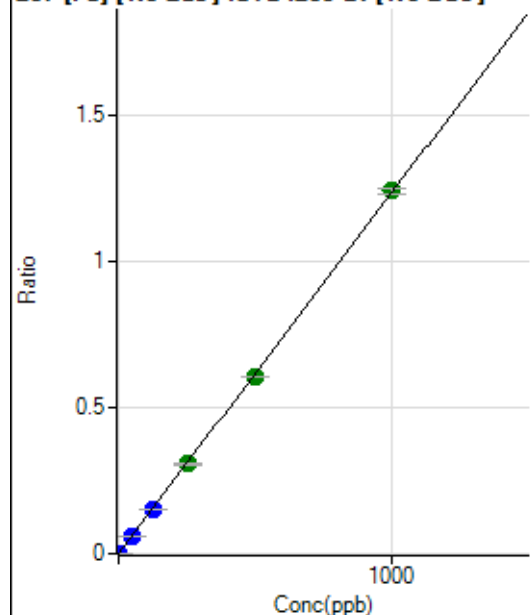
$$R = 0.9999$$

$$DL = 0.0094$$

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	1605.70	0.0001	P	5.4
2	☐	0.100					
3	☐	1.000	0.854	28113.69	0.0011	P	0.7
4	☐	50.000	48.506	1474143.62	0.0601	P	0.6
5	☐	125.000	124.052	3707162.24	0.1535	P	1.3
6	☐	250.000	248.003	7301398.31	0.3069	A	0.6
7	☐	500.000	490.706	14085579.60	0.6071	A	0.1
8	☐	1000.000	1005.339	27349670.52	1.2438	A	1.5
9	☐			22410.14	0.0014	P	1.8

$$y = 0.0012 * x + 6.3737E-005$$

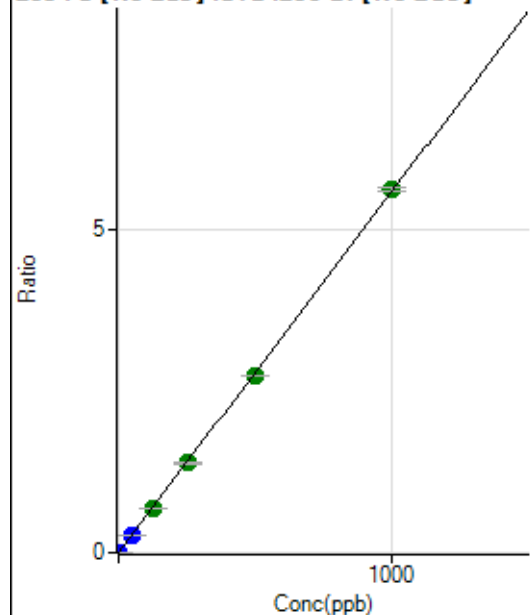
$$R = 0.9999$$

$$DL = 0.008333$$

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	7541.81	0.0003	P	4.1
2	☐	0.100					
3	☐	1.000	0.866	128944.68	0.0051	P	0.6
4	☐	50.000	48.631	6678076.09	0.2721	P	0.3
5	☐	125.000	123.023	16611188.97	0.6879	A	1.0
6	☐	250.000	247.723	32951917.98	1.3850	A	0.6
7	☐	500.000	491.295	63717275.73	2.7464	A	0.4
8	☐	1000.000	1005.237	123562832.16	5.6191	A	1.1
9	☐			104864.46	0.0064	P	2.5

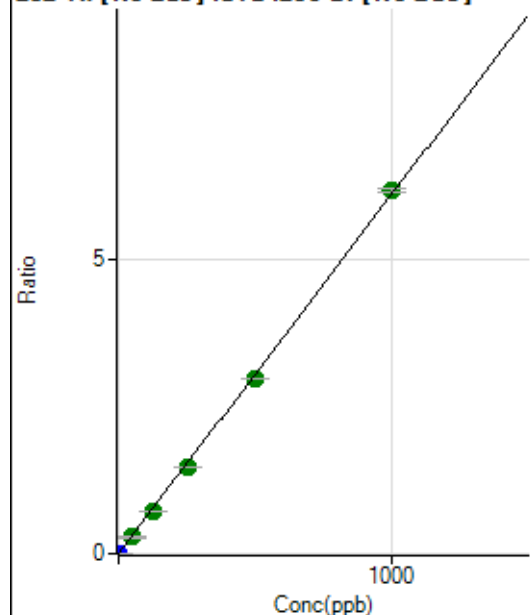
$$y = 0.0056 * x + 2.9935E-004$$

$$R = 0.9999$$

$$DL = 0.006628$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	761.16	0.0000	P	14.2
2	☐	0.100					
3	☐	1.000	0.792	121635.46	0.0048	P	0.5
4	☐	50.000	45.624	6811310.11	0.2776	A	1.0
5	☐	125.000	117.868	17314086.96	0.7170	A	0.2
6	☐	250.000	242.962	35165513.52	1.4780	A	0.4
7	☐	500.000	485.164	68471493.66	2.9513	A	0.1
8	☐	1000.000	1010.288	135139678.95	6.1456	A	1.2
9	☐			21904.21	0.0013	P	11.0

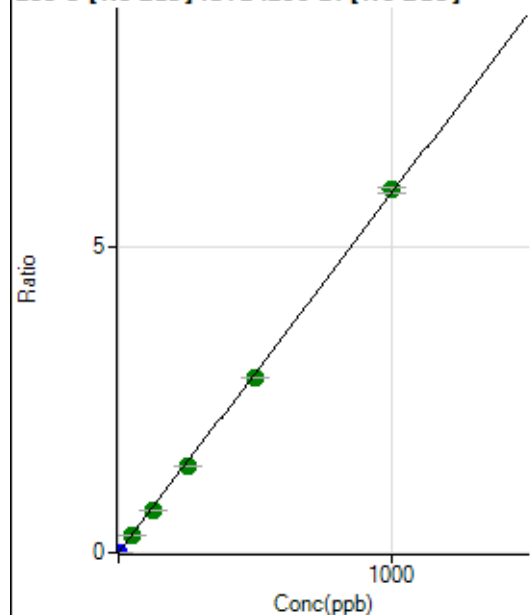
$$y = 0.0061 * x + 3.0203E-005$$

$$R = 0.9998$$

$$DL = 0.002122$$

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	308.35	0.0000	P	12.2
2	☐	0.100					
3	☐	1.000	0.782	115466.50	0.0046	P	0.6
4	☐	50.000	46.061	6631643.68	0.2702	A	0.6
5	☐	125.000	118.486	16785219.13	0.6951	A	0.3
6	☐	250.000	242.639	33869161.17	1.4235	A	0.5
7	☐	500.000	486.072	66158286.89	2.8516	A	0.5
8	☐	1000.000	1009.815	130268730.69	5.9243	A	1.6
9	☐			10874.55	0.0007	P	6.6

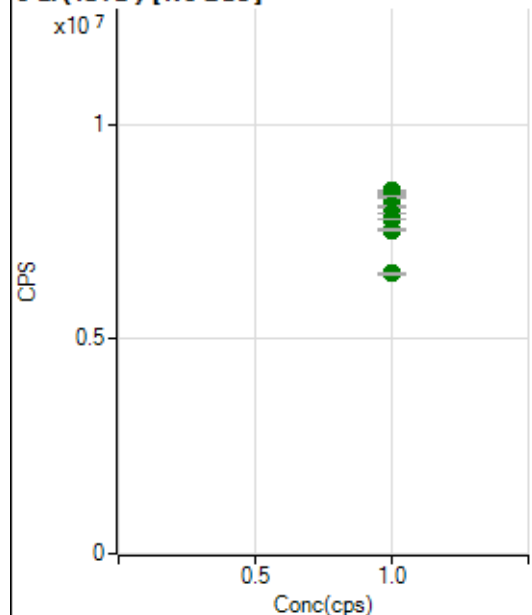
$$y = 0.0059 * x + 1.2244E-005$$

$$R = 0.9998$$

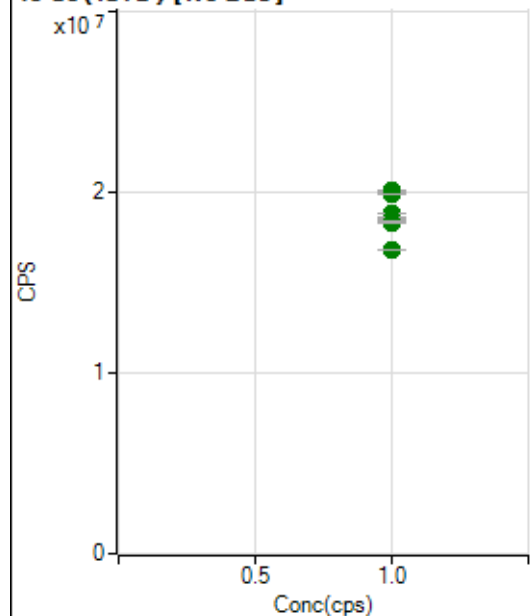
$$DL = 0.000762$$

Weight: <None>

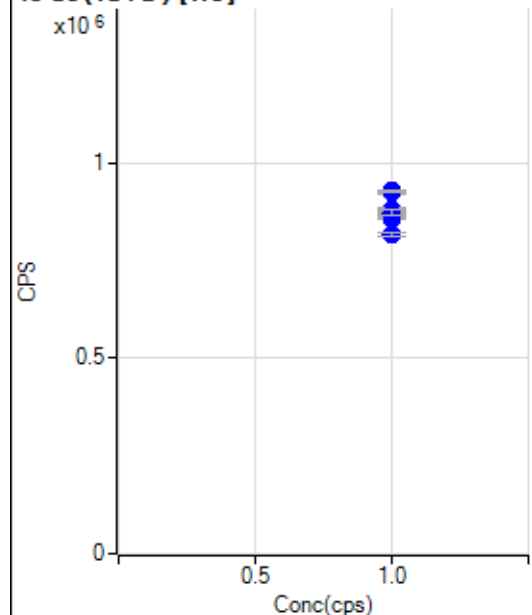
Min Conc: 0

6 Li (ISTD) [No Gas]

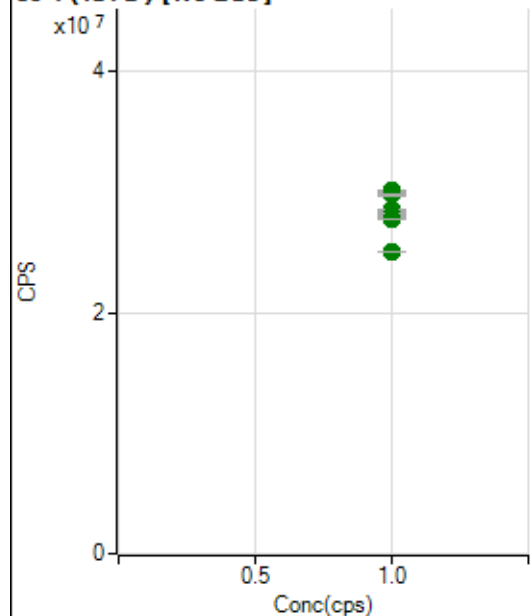
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		8452972.09		A	0.4
2	☐	1.000					
3	☐	1.000		8384888.25		A	0.1
4	☐	1.000		8297486.40		A	0.4
5	☐	1.000		8093751.94		A	0.3
6	☐	1.000		7950756.17		A	0.0
7	☐	1.000		7797394.29		A	0.3
8	☐	1.000		7545132.72		A	0.3
9	☐	1.000		6524922.07		A	0.9

45 Sc (ISTD) [No Gas]

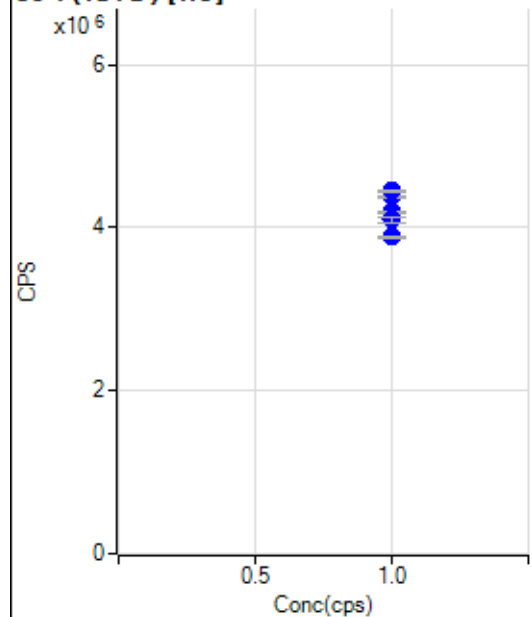
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		20100465.21		A	0.2
2	☐	1.000					
3	☐	1.000		19927908.78		A	0.3
4	☐	1.000		18865984.97		A	0.5
5	☐	1.000		18410219.51		A	0.5
6	☐	1.000		18483679.06		A	0.3
7	☐	1.000		18567532.19		A	0.8
8	☐	1.000		18377886.52		A	0.6
9	☐	1.000		16816688.05		A	0.2

45 Sc (ISTD) [He]

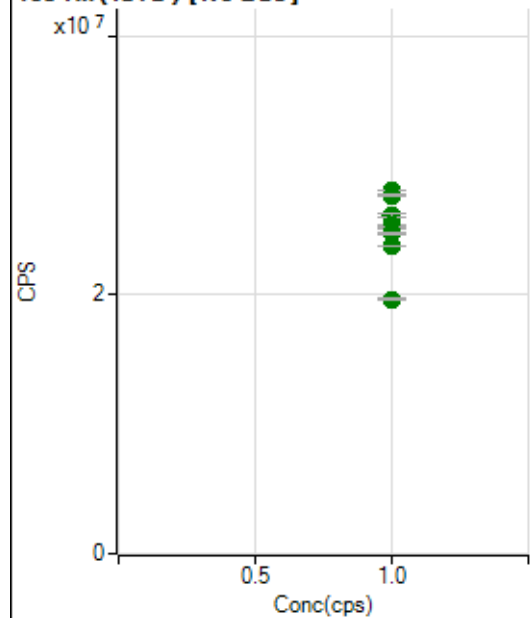
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		924188.42		P	0.8
2	☐	1.000					
3	☐	1.000		929034.43		P	0.6
4	☐	1.000		873069.94		P	0.4
5	☐	1.000		858964.94		P	0.1
6	☐	1.000		866597.71		P	0.9
7	☐	1.000		882597.72		P	1.0
8	☐	1.000		873968.19		P	1.6
9	☐	1.000		817843.44		P	1.0

89 Y (ISTD) [No Gas]

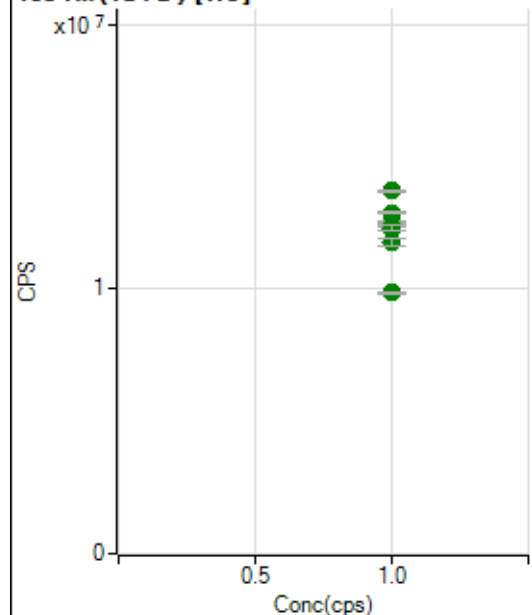
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		30089630.11		A	0.3
2	☐	1.000					
3	☐	1.000		29777236.50		A	0.8
4	☐	1.000		28502323.74		A	0.3
5	☐	1.000		27835975.69		A	0.3
6	☐	1.000		28083407.64		A	0.1
7	☐	1.000		28137700.69		A	0.3
8	☐	1.000		27750648.47		A	0.5
9	☐	1.000		24974929.35		A	0.1

89 Y(ISTD) [He]

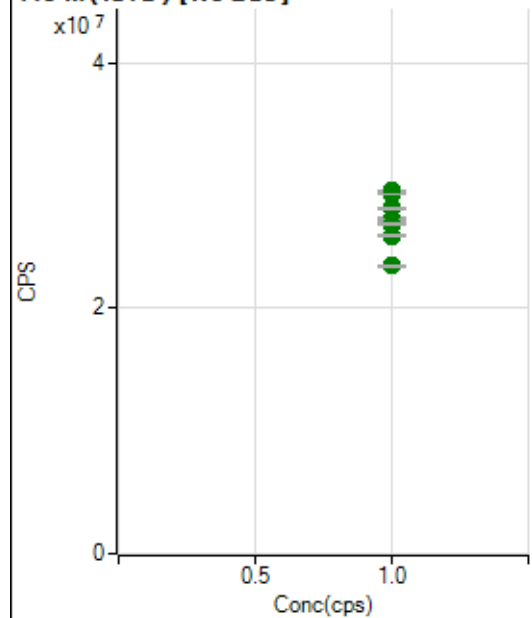
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4379738.61		P	0.7
2	☐	1.000					
3	☐	1.000		4448496.88		P	0.8
4	☐	1.000		4194060.14		P	0.4
5	☐	1.000		4123486.15		P	0.3
6	☐	1.000		4126920.87		P	0.5
7	☐	1.000		4180245.15		P	0.8
8	☐	1.000		4095557.47		P	1.6
9	☐	1.000		3879441.09		P	0.7

103 Rh(ISTD) [No Gas]

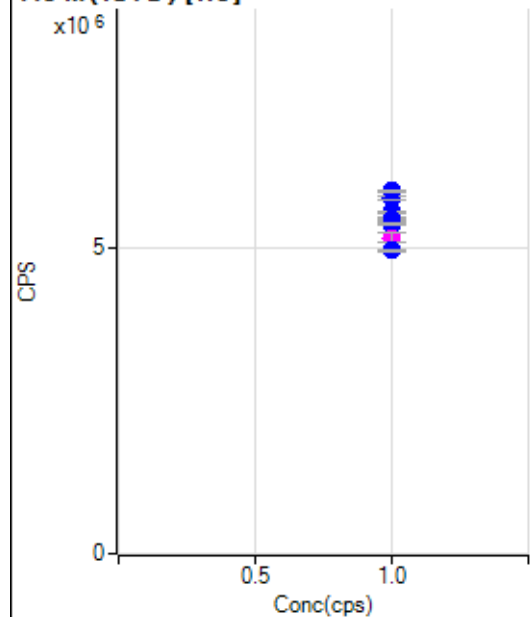
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		28003016.25		A	0.1
2	☐	1.000					
3	☐	1.000		27671677.70		A	0.5
4	☐	1.000		26125435.48		A	0.6
5	☐	1.000		25349311.85		A	0.5
6	☐	1.000		25147414.97		A	0.4
7	☐	1.000		24769525.73		A	0.6
8	☐	1.000		23716306.95		A	0.2
9	☐	1.000		19658549.74		A	0.2

103 Rh (ISTD) [He]

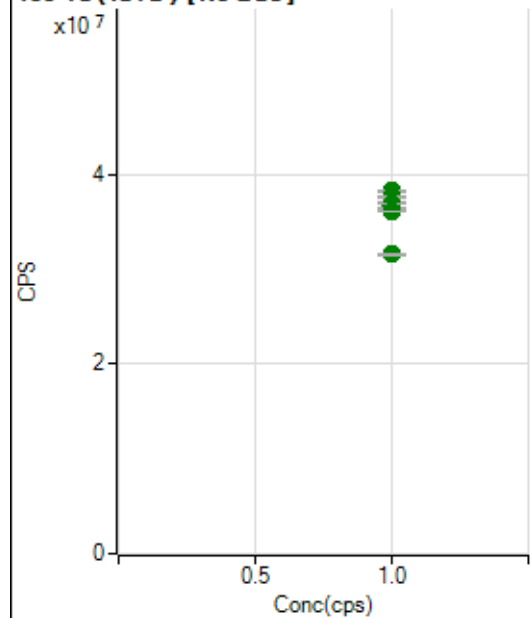
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		13690388.27		A	0.8
2	☐	1.000					
3	☐	1.000		13698517.43		A	0.9
4	☐	1.000		12881964.25		A	0.2
5	☐	1.000		12506657.45		A	0.4
6	☐	1.000		12349501.48		A	0.3
7	☐	1.000		12304576.34		A	1.3
8	☐	1.000		11742347.19		A	2.4
9	☐	1.000		9863040.20		A	0.7

115 In (ISTD) [No Gas]

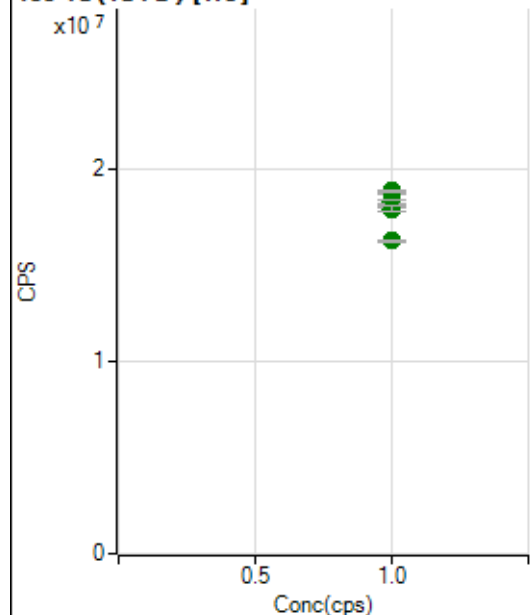
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		29548346.37		A	0.4
2	☐	1.000					
3	☐	1.000		29280489.03		A	0.0
4	☐	1.000		28159358.40		A	0.4
5	☐	1.000		27315513.57		A	0.6
6	☐	1.000		27151319.47		A	0.6
7	☐	1.000		26839685.07		A	0.3
8	☐	1.000		25913711.89		A	0.1
9	☐	1.000		23418227.92		A	0.5

115 In (ISTD) [He]

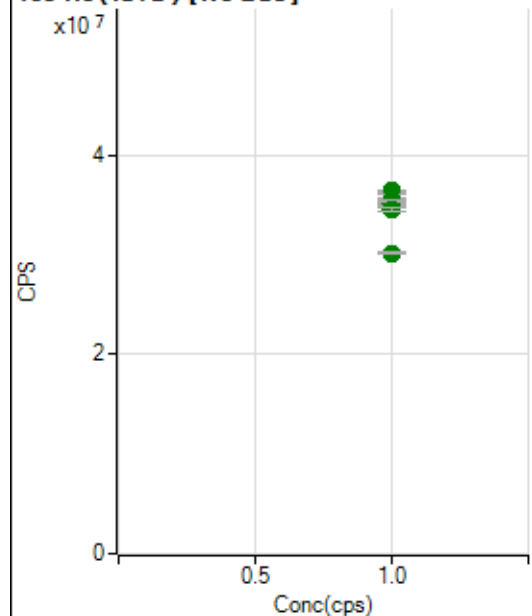
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5813558.83		P	0.7
2	☐	1.000					
3	☐	1.000		5929163.83		P	0.9
4	☐	1.000		5582183.79		P	1.0
5	☐	1.000		5474700.58		P	0.4
6	☐	1.000		5436955.00		P	0.5
7	☐	1.000		5387582.73		P	0.7
8	☐	1.000		5157795.63		M	2.9
9	☐	1.000		4952480.73		P	1.1

159 Tb (ISTD) [No Gas]

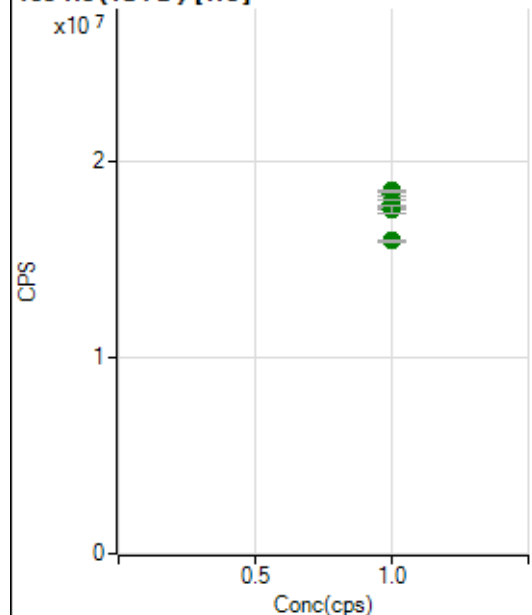
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38302395.54		A	0.7
2	☐	1.000					
3	☐	1.000		37678644.71		A	0.6
4	☐	1.000		36972929.45		A	0.4
5	☐	1.000		36507651.12		A	0.6
6	☐	1.000		36742340.29		A	0.8
7	☐	1.000		36928371.67		A	0.3
8	☐	1.000		36159352.24		A	0.4
9	☐	1.000		31665522.58		A	0.6

159 Tb (ISTD) [He]

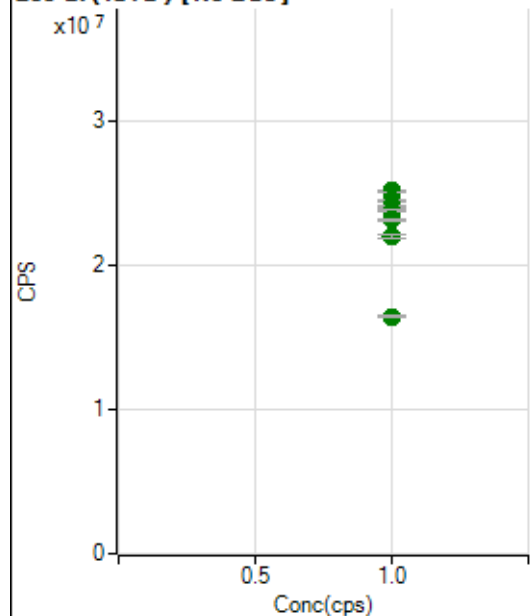
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		18685951.66		A	0.2
2	☐	1.000					
3	☐	1.000		18832667.22		A	0.9
4	☐	1.000		18111813.62		A	0.7
5	☐	1.000		18007725.01		A	0.5
6	☐	1.000		18031416.26		A	0.3
7	☐	1.000		18249684.31		A	1.1
8	☐	1.000		17895068.07		A	1.6
9	☐	1.000		16256640.59		A	0.5

165 Ho (ISTD) [No Gas]

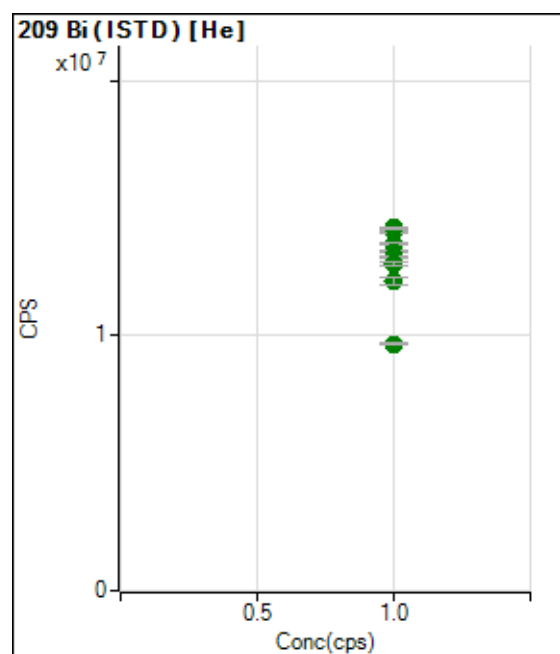
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		36371970.61		A	0.4
2	☐	1.000					
3	☐	1.000		36010665.74		A	0.2
4	☐	1.000		35189835.16		A	0.6
5	☐	1.000		35076517.10		A	0.7
6	☐	1.000		35456623.36		A	0.8
7	☐	1.000		35361008.77		A	0.2
8	☐	1.000		34500279.59		A	0.8
9	☐	1.000		30127198.94		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		18393015.28		A	1.0
2	☐	1.000					
3	☐	1.000		18517151.81		A	0.7
4	☐	1.000		17661412.51		A	0.2
5	☐	1.000		17656233.63		A	0.4
6	☐	1.000		17644894.46		A	0.4
7	☐	1.000		17901399.04		A	1.6
8	☐	1.000		17573696.82		A	1.9
9	☐	1.000		15969090.46		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		25192566.85		A	0.5
2	☐	1.000					
3	☐	1.000		25096096.01		A	0.4
4	☐	1.000		24540476.85		A	0.5
5	☐	1.000		24147074.64		A	0.6
6	☐	1.000		23793114.65		A	0.6
7	☐	1.000		23200467.99		A	0.5
8	☐	1.000		21991755.50		A	1.3
9	☐	1.000		16477500.17		A	0.6



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		14076953.96		A	0.6
2	☐	1.000					
3	☐	1.000		14224022.84		A	0.7
4	☐	1.000		13600973.69		A	0.9
5	☐	1.000		13284857.72		A	0.4
6	☐	1.000		13097261.89		A	0.6
7	☐	1.000		12837946.89		A	1.4
8	☐	1.000		12122009.82		A	2.2
9	☐	1.000		9662727.08		A	0.6

US EPA Tune Check Sample Report

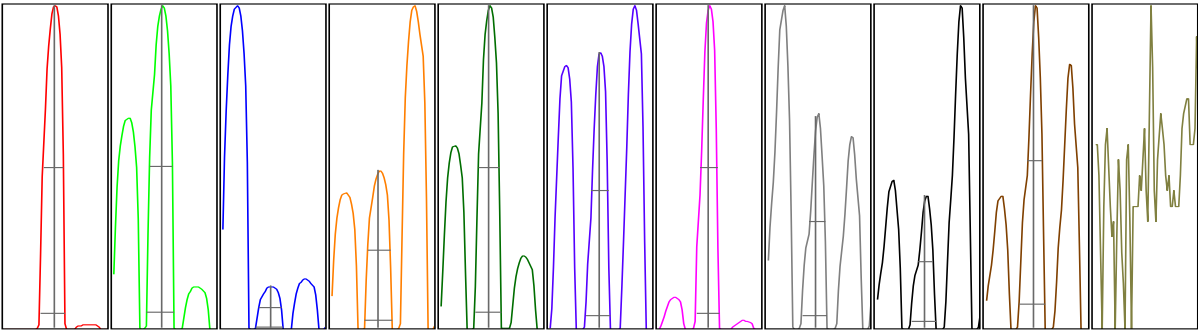
Batch Folder D:\ICP-MS Data\P7012519MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	42052	0.27	5.00	
24	483293	0.15	5.00	
25	63822	0.23	5.00	
26	74067	0.29	5.00	
59	359971	0.34	5.00	
113	39356	0.49	5.00	
115	468662	0.43	5.00	
206	110890	0.42	5.00	
207	100380	0.41	5.00	
208	240254	0.64	5.00	
220	1	40.90		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	42073	41886	42144	42159	41998
24	482717	482761	482950	483625	484410
25	63724	63915	64007	63833	63632
26	74015	74327	74184	74047	73760
59	361131	361188	359962	359095	358480
113	39175	39681	39311	39339	39273
115	471688	469382	466919	468570	466752
206	110419	110581	110781	111593	111075
207	99723	100393	100851	100532	100401
208	237923	239664	241419	240544	241721
220	1	0	0	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	73609	9.00	8.9 - 9.1		0.738	0.900	
24	785126	23.95	23.9 - 24.1		0.787	0.900	
25	104271	24.95	24.9 - 25.1		0.786	0.900	
26	121255	25.90	25.9 - 26.1		0.786	0.900	
59	641037	58.95	58.9 - 59.1		0.774	0.900	
113	82788	113.00	112.9 - 113.1		0.715	0.900	
115	984493	115.00	114.9 - 115.1		0.685	0.900	
206	236940	205.95	205.9 - 206.1		0.731	0.900	
207	214079	206.95	206.9 - 207.1		0.728	0.900	
208	519148	207.95	207.9 - 208.1		0.742	0.900	
220			-				

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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.1	V	Deflect	14.0	V
Extract 2	-135.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	91289	0.53	
89	70076	0.53	
205	90457	0.53	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	90585	91861	91088	91493	91420
89	70089	70095	69914	70650	69632
205	90430	90211	90012	91255	90376

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.9	V	Deflect	1.6	V
Extract 2	-140.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.03	0.03	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.02	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.08	0.00	-0.08	0.00	N/A	ppb
Boron	11-1	0.01	-0.04	0.03	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.13	0.33	-0.21	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-0.02	-0.08	0.10	0.00	N/A	ppb
Calcium	44-1	0.00	-0.39	0.39	0.00	N/A	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.01	-0.02	0.04	0.00	N/A	ppb
Iron	57-2	0.16	-0.15	-0.01	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.01	-0.03	0.02	0.00	N/A	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-24.53	-25.04	-29.02	-26.20		ppb
Potassium	39-2	0.14	-0.62	0.48	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.05	-0.03	-0.03	0.00	N/A	ppb
Selenium	78-2	0.04	0.10	-0.14	0.00	N/A	ppb
Selenium	82-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Silicon	28-1	-0.03	-0.14	0.17	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	-0.26	0.11	0.15	0.00	N/A	ppb
Strontium	86-1	0.02	-0.02	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-57.68	-79.92	-64.89	-67.49		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	-0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:35:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.49	19.47	18.15	18.70	3.66	ppb
Antimony	121-1	1.92	1.95	1.86	1.91	2.52	ppb
Arsenic	75-1	0.90	0.79	0.91	0.87	8.07	ppb
Barium	135-1	9.73	9.65	9.55	9.64	0.90	ppb
Barium	137-1	9.62	9.65	9.51	9.59	0.73	ppb
Beryllium	9-1	0.95	0.96	0.95	0.95	0.70	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	23.03	23.11	22.91	23.02	0.43	ppb
Boron	11-1	22.26	22.33	22.80	22.46	1.32	ppb
Cadmium	111-1	1.05	0.99	1.03	1.02	2.93	ppb
Cadmium	106-1	1.56	1.20	1.45	1.40	13.08	ppb
Cadmium	108-1	1.03	1.13	1.04	1.07	5.13	ppb
Calcium	43-1	453.54	452.78	455.96	454.09	0.37	ppb
Calcium	44-1	455.93	453.38	456.15	455.16	0.34	ppb
Chromium	52-2	1.90	1.90	1.89	1.90	0.35	ppb
Cobalt	59-2	0.98	1.01	0.96	0.99	2.17	ppb
Copper	63-2	2.04	2.02	2.04	2.03	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	54.85	55.14	54.96	54.99	0.27	ppb
Iron	57-2	55.19	56.50	57.29	56.33	1.88	ppb
Krypton	83-1						cps
Lead	206-1	0.88	0.88	0.89	0.88	0.63	ppb
Lead	207-1	0.85	0.86	0.85	0.85	0.72	ppb
Lead	208-1	0.87	0.87	0.86	0.87	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	519.25	517.64	520.38	519.09	0.27	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:35:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.99	1.00	1.00	0.56	ppb
Molybdenum	94-1	4.62	4.72	4.79	4.71	1.75	ppb
Molybdenum	95-1	4.73	4.78	4.75	4.76	0.56	ppb
Molybdenum	96-1	4.69	4.74	4.85	4.76	1.68	ppb
Molybdenum	97-1	4.65	4.82	4.85	4.78	2.24	ppb
Molybdenum	98-1	4.76	4.72	4.76	4.75	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.15	1.11	1.12	1.78	ppb
Phosphorus	31-2	29.39	22.31	26.89	26.20	13.70	ppb
Potassium	39-2	461.02	460.09	459.35	460.15	0.18	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	4.90	5.75	5.16	5.27	8.22	ppb
Selenium	78-2	5.23	4.94	5.19	5.12	3.11	ppb
Selenium	82-1	5.42	5.34	5.38	5.38	0.69	ppb
Silicon	28-1	11.76	11.40	11.92	11.70	2.27	ppb
Silver	109-1	1.10	1.08	1.09	1.09	1.05	ppb
Silver	107-1	1.10	1.09	1.07	1.09	1.52	ppb
Sodium	23-2	477.93	474.04	473.35	475.11	0.52	ppb
Strontium	86-1	0.92	0.92	0.84	0.89	5.04	ppb
Strontium	88-1	0.90	0.89	0.90	0.90	0.87	ppb
Sulfur	34-1	83.99	59.00	59.50	67.49	21.16	ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.83	0.86	0.87	0.85	2.66	ppb
Thallium	205-1	0.86	0.87	0.86	0.86	1.07	ppb
Thorium	232-1	0.79	0.79	0.79	0.79	0.55	ppb
Tin	118-1	4.87	4.83	4.79	4.83	0.76	ppb
Titanium	47-1	4.82	4.69	4.56	4.69	2.79	ppb
Uranium	238-1	0.79	0.78	0.78	0.78	0.63	ppb
Vanadium	51-2	4.99	4.97	4.94	4.97	0.55	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:35:38	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.07	2.27	2.23	2.19	4.66	ppb
Zirconium	90-1	0.93	0.90	0.90	0.91	1.66	ppb
Zirconium	91-1	0.90	0.92	0.93	0.92	1.59	ppb

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 16:39:34 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	996.08	1002.05	991.25	996.46	0.54	ppb
Antimony	121-1	51.89	51.31	52.09	51.76	0.79	ppb
Arsenic	75-1	52.26	51.23	51.07	51.52	1.25	ppb
Barium	135-1	253.59	251.83	251.61	252.34	0.43	ppb
Barium	137-1	252.24	250.63	254.40	252.42	0.75	ppb
Beryllium	9-1	51.08	50.90	51.07	51.02	0.19	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	48.87	50.98	49.62	49.82	2.15	ppb
Boron	11-1	47.85	49.52	49.32	48.89	1.87	ppb
Cadmium	111-1	54.24	53.16	53.92	53.77	1.03	ppb
Cadmium	106-1	53.66	53.52	53.81	53.67	0.27	ppb
Cadmium	108-1	54.08	53.48	54.48	54.01	0.93	ppb
Calcium	43-1	5037.82	4951.79	4917.17	4968.93	1.25	ppb
Calcium	44-1	4915.67	4850.60	4865.30	4877.19	0.70	ppb
Chromium	52-2	51.58	51.28	51.15	51.34	0.43	ppb
Cobalt	59-2	53.10	52.88	51.86	52.62	1.26	ppb
Copper	63-2	108.78	109.23	108.43	108.82	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				96		%
Iron	56-2	2715.63	2692.43	2689.30	2699.12	0.53	ppb
Iron	57-2	2731.78	2711.26	2684.07	2709.04	0.88	ppb
Krypton	83-1						cps
Lead	206-1	48.35	48.68	49.25	48.76	0.93	ppb
Lead	207-1	48.33	48.35	48.84	48.51	0.59	ppb
Lead	208-1	48.58	48.54	48.78	48.63	0.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	5705.97	5729.56	5673.01	5702.85	0.50	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:39:34	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.20	102.57	102.31	102.36	0.19	ppb
Molybdenum	94-1	247.71	248.54	248.69	248.31	0.21	ppb
Molybdenum	95-1	247.31	247.01	248.03	247.45	0.21	ppb
Molybdenum	96-1	246.14	248.26	248.60	247.67	0.54	ppb
Molybdenum	97-1	248.26	248.61	247.54	248.14	0.22	ppb
Molybdenum	98-1	243.06	246.46	243.27	244.27	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.94	55.15	53.88	54.65	1.25	ppb
Phosphorus	31-2	1021.98	983.55	983.19	996.24	2.24	ppb
Potassium	39-2	2448.18	2445.25	2455.62	2449.68	0.22	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	57.13	52.50	52.44	54.02	4.98	ppb
Selenium	78-2	52.91	53.34	51.14	52.46	2.23	ppb
Selenium	82-1	54.52	54.59	54.48	54.53	0.10	ppb
Silicon	28-1	68.73	69.01	69.31	69.02	0.43	ppb
Silver	109-1	54.61	54.44	54.96	54.67	0.49	ppb
Silver	107-1	54.17	54.23	54.22	54.20	0.06	ppb
Sodium	23-2	5168.54	5190.56	5180.82	5179.97	0.21	ppb
Strontium	86-1	49.81	49.78	50.06	49.89	0.30	ppb
Strontium	88-1	50.50	50.09	50.20	50.27	0.42	ppb
Sulfur	34-1	1363.53	1291.46	1313.90	1322.96	2.79	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	48.69	48.76	48.50	48.65	0.27	ppb
Thallium	205-1	48.32	48.97	48.95	48.74	0.76	ppb
Thorium	232-1	45.16	45.66	46.05	45.62	0.99	ppb
Tin	118-1	51.83	50.90	51.13	51.29	0.95	ppb
Titanium	47-1	250.18	248.42	246.96	248.52	0.65	ppb
Uranium	238-1	45.77	46.09	46.33	46.06	0.61	ppb
Vanadium	51-2	49.95	49.84	49.23	49.68	0.78	ppb
Yttrium	89-1				95		%
Yttrium	89-2				96		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:39:34	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	114.01	114.28	111.72	113.34	1.24	ppb
Zirconium	90-1	49.57	49.41	49.44	49.47	0.17	ppb
Zirconium	91-1	48.73	48.78	48.69	48.74	0.09	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:43:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2532.11	2508.92	2523.82	2521.62	0.47	ppb
Antimony	121-1	130.03	129.75	130.90	130.23	0.46	ppb
Arsenic	75-1	128.18	129.05	130.71	129.31	1.00	ppb
Barium	135-1	632.51	629.93	643.52	635.32	1.14	ppb
Barium	137-1	630.82	620.10	632.91	627.94	1.09	ppb
Beryllium	9-1	128.99	128.01	130.21	129.07	0.85	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	124.32	125.86	127.77	125.98	1.37	ppb
Boron	11-1	121.03	125.11	125.32	123.82	1.95	ppb
Cadmium	111-1	133.09	133.53	133.74	133.45	0.25	ppb
Cadmium	106-1	135.05	135.45	134.08	134.86	0.52	ppb
Cadmium	108-1	137.70	134.77	134.56	135.68	1.29	ppb
Calcium	43-1	12461.81	12540.42	12544.93	12515.72	0.37	ppb
Calcium	44-1	12477.68	12422.07	12506.80	12468.85	0.35	ppb
Chromium	52-2	130.89	130.00	130.19	130.36	0.36	ppb
Cobalt	59-2	133.70	133.45	133.20	133.45	0.19	ppb
Copper	63-2	275.29	274.58	277.37	275.75	0.53	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				96		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	6885.58	6886.43	6931.67	6901.23	0.38	ppb
Iron	57-2	6857.40	6910.99	6903.95	6890.78	0.42	ppb
Krypton	83-1						cps
Lead	206-1	122.38	123.95	124.45	123.59	0.87	ppb
Lead	207-1	122.25	124.63	125.28	124.05	1.28	ppb
Lead	208-1	121.65	123.46	123.95	123.02	0.99	ppb
Lithium	6-1				96		%
Magnesium	24-2	14407.24	14428.29	14396.63	14410.72	0.11	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:43:44	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.34	260.76	261.40	261.50	0.31	ppb
Molybdenum	94-1	627.32	628.83	632.24	629.47	0.40	ppb
Molybdenum	95-1	629.35	631.81	634.84	632.00	0.44	ppb
Molybdenum	96-1	629.79	631.52	630.85	630.72	0.14	ppb
Molybdenum	97-1	630.42	629.01	626.84	628.76	0.29	ppb
Molybdenum	98-1	630.49	628.29	623.77	627.52	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	138.35	138.03	139.00	138.46	0.36	ppb
Phosphorus	31-2	2577.19	2575.64	2639.77	2597.53	1.41	ppb
Potassium	39-2	6187.85	6182.25	6208.38	6192.83	0.22	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	135.59	138.15	137.55	137.10	0.98	ppb
Selenium	78-2	133.81	134.64	129.60	132.68	2.04	ppb
Selenium	82-1	135.51	136.94	136.57	136.34	0.55	ppb
Silicon	28-1	129.87	132.35	135.48	132.57	2.12	ppb
Silver	109-1	135.44	134.05	133.28	134.26	0.81	ppb
Silver	107-1	134.66	134.27	133.01	133.98	0.64	ppb
Sodium	23-2	13195.82	13135.55	13171.76	13167.71	0.23	ppb
Strontium	86-1	125.41	125.75	127.38	126.18	0.83	ppb
Strontium	88-1	125.50	124.58	126.86	125.65	0.91	ppb
Sulfur	34-1	3021.55	2996.26	2960.91	2992.91	1.02	ppb
Terbium	159-1				95		%
Terbium	159-2				96		%
Thallium	203-1	122.57	123.37	123.72	123.22	0.48	ppb
Thallium	205-1	121.95	122.56	122.46	122.33	0.27	ppb
Thorium	232-1	118.07	117.86	117.68	117.87	0.16	ppb
Tin	118-1	128.06	128.33	129.10	128.50	0.42	ppb
Titanium	47-1	625.33	631.85	630.86	629.35	0.56	ppb
Uranium	238-1	118.24	118.96	118.26	118.49	0.34	ppb
Vanadium	51-2	127.23	127.06	127.01	127.10	0.09	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:43:44	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	285.62	286.63	288.62	286.96	0.53	ppb
Zirconium	90-1	125.90	125.44	124.00	125.11	0.79	ppb
Zirconium	91-1	123.83	124.67	124.32	124.27	0.34	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5060.41	4969.69	4989.60	5006.57	0.95	ppb
Antimony	121-1	255.33	259.91	255.34	256.86	1.03	ppb
Arsenic	75-1	256.42	257.20	257.07	256.90	0.16	ppb
Barium	135-1	1251.17	1265.91	1242.47	1253.18	0.95	ppb
Barium	137-1	1262.57	1263.74	1235.18	1253.83	1.29	ppb
Beryllium	9-1	259.38	258.44	257.07	258.30	0.45	ppb
Bismuth	209-1				94		%
Bismuth	209-2				93		%
Boron	10-1	252.28	256.69	258.07	255.68	1.18	ppb
Boron	11-1	250.47	254.09	255.22	253.26	0.98	ppb
Cadmium	111-1	259.35	263.26	260.18	260.93	0.79	ppb
Cadmium	106-1	266.95	266.06	263.93	265.65	0.58	ppb
Cadmium	108-1	266.70	267.16	264.24	266.04	0.59	ppb
Calcium	43-1	25052.02	24680.48	25076.40	24936.30	0.89	ppb
Calcium	44-1	24819.93	24667.78	24862.70	24783.47	0.41	ppb
Chromium	52-2	259.50	258.64	257.93	258.69	0.30	ppb
Cobalt	59-2	262.37	263.47	261.75	262.53	0.33	ppb
Copper	63-2	542.99	539.28	534.89	539.05	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				94		%
Iron	56-2	13776.71	13584.84	13517.91	13626.49	0.99	ppb
Iron	57-2	13748.90	13702.97	13622.87	13691.58	0.47	ppb
Krypton	83-1						cps
Lead	206-1	247.36	246.92	249.22	247.84	0.49	ppb
Lead	207-1	249.12	246.26	248.63	248.00	0.62	ppb
Lead	208-1	249.24	246.45	247.47	247.72	0.57	ppb
Lithium	6-1				94		%
Magnesium	24-2	28667.10	28555.79	28470.92	28564.60	0.34	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	520.16	519.54	517.80	519.17	0.24	ppb
Molybdenum	94-1	1259.73	1253.86	1260.57	1258.05	0.29	ppb
Molybdenum	95-1	1247.87	1256.50	1258.80	1254.39	0.46	ppb
Molybdenum	96-1	1250.33	1260.58	1254.02	1254.98	0.41	ppb
Molybdenum	97-1	1250.95	1249.06	1259.73	1253.25	0.45	ppb
Molybdenum	98-1	1243.04	1252.45	1247.04	1247.51	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	273.01	271.90	271.77	272.23	0.25	ppb
Phosphorus	31-2	5182.66	5277.77	5151.54	5203.99	1.26	ppb
Potassium	39-2	12422.53	12429.95	12260.15	12370.88	0.78	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				94		%
Selenium	77-2	265.88	269.28	262.49	265.88	1.28	ppb
Selenium	78-2	261.95	265.73	262.39	263.36	0.78	ppb
Selenium	82-1	265.91	266.00	268.84	266.92	0.62	ppb
Silicon	28-1	258.66	258.85	262.11	259.87	0.75	ppb
Silver	109-1	264.88	268.22	263.60	265.57	0.90	ppb
Silver	107-1	265.47	264.63	263.08	264.39	0.46	ppb
Sodium	23-2	26155.78	26301.22	25956.44	26137.81	0.66	ppb
Strontium	86-1	249.80	251.37	252.30	251.16	0.50	ppb
Strontium	88-1	252.54	253.40	252.17	252.71	0.25	ppb
Sulfur	34-1	5964.80	5826.00	5843.14	5877.98	1.29	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	248.04	245.08	246.88	246.67	0.60	ppb
Thallium	205-1	247.62	243.88	247.61	246.37	0.88	ppb
Thorium	232-1	242.80	244.04	242.05	242.96	0.41	ppb
Tin	118-1	254.56	258.34	253.79	255.56	0.95	ppb
Titanium	47-1	1261.34	1263.58	1258.82	1261.25	0.19	ppb
Uranium	238-1	243.54	241.12	243.26	242.64	0.55	ppb
Vanadium	51-2	256.10	253.66	254.05	254.60	0.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				94		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	557.58	558.12	555.25	556.99	0.27	ppb
Zirconium	90-1	249.46	250.28	252.04	250.59	0.53	ppb
Zirconium	91-1	246.94	248.08	251.09	248.70	0.86	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9604.21	9844.38	9866.28	9771.62	1.49	ppb
Antimony	121-1	502.06	500.35	500.91	501.10	0.17	ppb
Arsenic	75-1	493.15	502.74	495.91	497.26	0.99	ppb
Barium	135-1	2480.47	2466.06	2470.30	2472.28	0.30	ppb
Barium	137-1	2490.16	2485.60	2454.69	2476.82	0.78	ppb
Beryllium	9-1	503.06	502.18	500.23	501.82	0.29	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	490.68	500.99	500.68	497.45	1.18	ppb
Boron	11-1	490.21	500.50	506.58	499.10	1.66	ppb
Cadmium	111-1	497.91	501.76	503.01	500.90	0.53	ppb
Cadmium	106-1	505.92	506.10	510.38	507.47	0.50	ppb
Cadmium	108-1	507.53	513.55	507.68	509.59	0.67	ppb
Calcium	43-1	48298.11	49053.69	48082.83	48478.21	1.05	ppb
Calcium	44-1	48580.91	48734.18	48192.58	48502.56	0.58	ppb
Chromium	52-2	491.88	502.10	502.69	498.89	1.22	ppb
Cobalt	59-2	494.74	505.37	505.96	502.02	1.26	ppb
Copper	63-2	1008.40	1021.10	1020.39	1016.63	0.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				93		%
Iron	56-2	25839.93	26481.44	26326.77	26216.05	1.28	ppb
Iron	57-2	25864.03	26470.50	26481.41	26271.98	1.34	ppb
Krypton	83-1						cps
Lead	206-1	493.34	489.13	489.35	490.60	0.48	ppb
Lead	207-1	491.14	490.51	490.48	490.71	0.08	ppb
Lead	208-1	492.66	489.03	492.20	491.30	0.40	ppb
Lithium	6-1				92		%
Magnesium	24-2	53917.66	54740.69	55453.27	54703.87	1.40	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	978.57	1003.98	1003.25	995.27	1.45	ppb
Molybdenum	94-1	2470.35	2478.36	2504.72	2484.48	0.72	ppb
Molybdenum	95-1	2478.68	2478.20	2495.09	2483.99	0.39	ppb
Molybdenum	96-1	2471.45	2459.54	2482.34	2471.11	0.46	ppb
Molybdenum	97-1	2475.99	2469.82	2491.36	2479.06	0.45	ppb
Molybdenum	98-1	2474.62	2475.97	2497.11	2482.57	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.26	510.66	511.67	508.53	0.90	ppb
Phosphorus	31-2	9783.76	9968.65	10021.51	9924.64	1.26	ppb
Potassium	39-2	23652.13	24198.26	24310.35	24053.58	1.46	ppb
Rhodium	103-1				88		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	508.97	503.08	513.95	508.67	1.07	ppb
Selenium	78-2	491.98	508.62	507.48	502.69	1.85	ppb
Selenium	82-1	508.18	508.91	510.85	509.31	0.27	ppb
Silicon	28-1	508.54	521.65	519.30	516.50	1.35	ppb
Silver	109-1	511.63	509.77	502.83	508.07	0.91	ppb
Silver	107-1	502.80	508.30	508.15	506.42	0.62	ppb
Sodium	23-2	49054.35	50636.12	50739.24	50143.24	1.88	ppb
Strontium	86-1	495.84	495.19	494.52	495.18	0.13	ppb
Strontium	88-1	496.39	493.57	495.15	495.03	0.29	ppb
Sulfur	34-1	11811.75	12134.87	11778.83	11908.48	1.65	ppb
Terbium	159-1				96		%
Terbium	159-2				98		%
Thallium	203-1	490.02	487.85	490.40	489.43	0.28	ppb
Thallium	205-1	490.94	486.88	488.71	488.85	0.42	ppb
Thorium	232-1	485.42	485.45	484.62	485.16	0.10	ppb
Tin	118-1	499.63	500.61	494.03	498.09	0.71	ppb
Titanium	47-1	2466.85	2508.92	2481.72	2485.83	0.86	ppb
Uranium	238-1	488.35	483.51	486.35	486.07	0.50	ppb
Vanadium	51-2	484.06	495.18	496.28	491.84	1.37	ppb
Yttrium	89-1				94		%
Yttrium	89-2				95		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1016.42	1046.77	1041.07	1034.75	1.56	ppb
Zirconium	90-1	494.45	493.56	494.82	494.28	0.13	ppb
Zirconium	91-1	495.10	492.57	496.11	494.59	0.37	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:55:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19270.58	19904.36	19970.96	19715.30	1.96	ppb
Antimony	121-1	997.13	1002.15	991.69	996.99	0.52	ppb
Arsenic	75-1	993.95	998.10	1005.04	999.03	0.56	ppb
Barium	135-1	4992.19	5038.12	5004.67	5011.66	0.47	ppb
Barium	137-1	5006.97	5059.32	4964.15	5010.15	0.95	ppb
Beryllium	9-1	999.14	995.92	994.30	996.45	0.25	ppb
Bismuth	209-1				87		%
Bismuth	209-2				86		%
Boron	10-1	994.71	1004.24	1000.42	999.79	0.48	ppb
Boron	11-1	992.88	1001.16	1005.66	999.90	0.65	ppb
Cadmium	111-1	996.75	997.82	992.16	995.57	0.30	ppb
Cadmium	106-1	990.37	991.65	990.79	990.94	0.07	ppb
Cadmium	108-1	988.57	988.88	991.54	989.66	0.17	ppb
Calcium	43-1	98191.46	97777.80	99290.18	98419.81	0.79	ppb
Calcium	44-1	97205.53	98331.95	98608.22	98048.56	0.76	ppb
Chromium	52-2	980.84	1007.76	1004.34	997.64	1.47	ppb
Cobalt	59-2	974.69	1007.43	1001.89	994.67	1.76	ppb
Copper	63-2	1933.47	2006.07	1995.25	1978.26	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				89		%
Iron	56-2	51082.21	53207.35	52664.26	52317.94	2.11	ppb
Iron	57-2	51422.55	53285.03	53053.73	52587.10	1.93	ppb
Krypton	83-1						cps
Lead	206-1	1021.59	992.13	1002.70	1005.48	1.48	ppb
Lead	207-1	1021.96	1002.98	991.08	1005.34	1.55	ppb
Lead	208-1	1017.87	1001.45	996.40	1005.24	1.12	ppb
Lithium	6-1				89		%
Magnesium	24-2	107411.72	110844.41	110548.60	109601.57	1.74	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:55:04	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1947.15	2028.39	2012.52	1996.02	2.16	ppb
Molybdenum	94-1	5009.58	4997.45	5008.79	5005.27	0.14	ppb
Molybdenum	95-1	5013.21	4995.44	5009.83	5006.16	0.19	ppb
Molybdenum	96-1	5019.98	5003.30	5014.53	5012.60	0.17	ppb
Molybdenum	97-1	4984.08	5003.95	5039.82	5009.28	0.56	ppb
Molybdenum	98-1	4994.44	4994.28	5039.22	5009.31	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	964.47	997.95	1002.37	988.26	2.10	ppb
Phosphorus	31-2	19539.57	20129.12	20255.35	19974.68	1.91	ppb
Potassium	39-2	47692.73	49143.18	48691.06	48508.99	1.53	ppb
Rhodium	103-1				85		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				95		%
Selenium	77-2	965.94	1017.47	986.53	989.98	2.62	ppb
Selenium	78-2	970.02	1015.92	996.74	994.23	2.32	ppb
Selenium	82-1	991.16	987.42	989.83	989.47	0.19	ppb
Silicon	28-1	978.55	985.60	997.96	987.37	1.00	ppb
Silver	109-1	990.13	989.93	991.98	990.68	0.11	ppb
Silver	107-1	991.86	990.82	992.91	991.86	0.11	ppb
Sodium	23-2	98830.57	103238.07	101738.57	101269.07	2.21	ppb
Strontium	86-1	1003.59	1003.10	999.25	1001.98	0.24	ppb
Strontium	88-1	1002.42	1002.60	1000.13	1001.71	0.14	ppb
Sulfur	34-1	18729.53	18743.14	18772.83	18748.50	0.12	ppb
Terbium	159-1				94		%
Terbium	159-2				96		%
Thallium	203-1	1011.55	1000.83	1006.85	1006.41	0.53	ppb
Thallium	205-1	1018.50	1003.13	999.02	1006.88	1.02	ppb
Thorium	232-1	1024.62	1002.62	1003.63	1010.29	1.23	ppb
Tin	118-1	1000.47	1004.52	992.20	999.06	0.63	ppb
Titanium	47-1	4997.25	4981.51	5032.65	5003.80	0.52	ppb
Uranium	238-1	1027.86	998.84	1002.75	1009.82	1.56	ppb
Vanadium	51-2	986.38	1014.92	1006.75	1002.68	1.47	ppb
Yttrium	89-1				92		%
Yttrium	89-2				94		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:55:04	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1916.85	1998.84	1973.58	1963.09	2.14	ppb
Zirconium	90-1	1007.80	998.56	1001.82	1002.72	0.47	ppb
Zirconium	91-1	1003.15	998.49	1007.90	1003.18	0.47	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100652.20	100158.03	99426.60	100078.95	0.62	ppb
Antimony	121-1	1.11	1.13	1.12	1.12	0.75	ppb
Arsenic	75-1	1.17	1.14	1.23	1.18	3.85	ppb
Barium	135-1	0.91	0.91	0.88	0.90	2.02	ppb
Barium	137-1	0.86	0.91	0.85	0.88	3.73	ppb
Beryllium	9-1	0.13	0.13	0.12	0.13	2.89	ppb
Bismuth	209-1				65		%
Bismuth	209-2				69		%
Boron	10-1	21.17	20.26	18.41	19.95	7.06	ppb
Boron	11-1	21.23	19.37	18.01	19.54	8.27	ppb
Cadmium	111-1	0.21	0.21	0.18	0.20	7.85	ppb
Cadmium	106-1	0.80	0.79	0.70	0.76	7.07	ppb
Cadmium	108-1	0.16	0.20	0.20	0.19	12.44	ppb
Calcium	43-1	502424.04	500381.54	498608.51	500471.37	0.38	ppb
Calcium	44-1	502050.52	498924.72	500683.49	500552.91	0.31	ppb
Chromium	52-2	8.25	8.09	7.89	8.08	2.24	ppb
Cobalt	59-2	11.23	11.10	11.02	11.12	0.94	ppb
Copper	63-2	2.25	2.26	2.17	2.23	2.25	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				83		%
Holmium	165-2				87		%
Indium	115-1				79		%
Indium	115-2				85		%
Iron	56-2	251214.78	249217.03	247588.82	249340.21	0.73	ppb
Iron	57-2	252087.29	248643.48	247102.30	249277.69	1.02	ppb
Krypton	83-1						cps
Lead	206-1	1.19	1.11	1.13	1.14	3.44	ppb
Lead	207-1	1.07	1.05	1.03	1.05	1.90	ppb
Lead	208-1	1.12	1.07	1.07	1.09	2.63	ppb
Lithium	6-1				77		%
Magnesium	24-2	495737.05	499188.54	497203.16	497376.25	0.35	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10.00	9.89	9.85	9.91	0.81	ppb
Molybdenum	94-1	2.73	2.68	2.61	2.67	2.22	ppb
Molybdenum	95-1	3.81	3.89	3.93	3.87	1.58	ppb
Molybdenum	96-1	4.82	4.74	4.58	4.72	2.51	ppb
Molybdenum	97-1	3.19	3.03	2.89	3.04	4.80	ppb
Molybdenum	98-1	2.85	2.73	2.64	2.74	3.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	12.38	12.22	12.12	12.24	1.08	ppb
Phosphorus	31-2	-17.51	-10.51	-13.25	-13.76		ppb
Potassium	39-2	250597.80	250698.13	249908.01	250401.31	0.17	ppb
Rhodium	103-1				70		%
Rhodium	103-2				72		%
Scandium	45-1				84		%
Scandium	45-2				88		%
Selenium	77-2	0.15	0.60	0.50	0.42	56.35	ppb
Selenium	78-2	0.21	0.47	0.49	0.39	39.83	ppb
Selenium	82-1	0.59	0.66	0.67	0.64	7.46	ppb
Silicon	28-1	77.78	80.67	81.84	80.10	2.61	ppb
Silver	109-1	0.13	0.11	0.11	0.12	8.89	ppb
Silver	107-1	0.13	0.11	0.11	0.12	10.08	ppb
Sodium	23-2	501772.52	500057.93	497139.07	499656.50	0.47	ppb
Strontium	86-1	4.16	4.12	4.14	4.14	0.45	ppb
Strontium	88-1	4.21	4.20	4.18	4.20	0.40	ppb
Sulfur	34-1	-175.51	-161.80	-126.18	-154.50		ppb
Terbium	159-1				83		%
Terbium	159-2				87		%
Thallium	203-1	0.27	0.24	0.24	0.25	6.96	ppb
Thallium	205-1	0.27	0.25	0.25	0.26	5.71	ppb
Thorium	232-1	0.24	0.21	0.19	0.21	11.29	ppb
Tin	118-1	0.93	0.91	0.91	0.92	1.12	ppb
Titanium	47-1	1.60	1.70	1.76	1.69	4.59	ppb
Uranium	238-1	0.12	0.11	0.10	0.11	6.70	ppb
Vanadium	51-2	0.23	0.22	0.18	0.21	12.26	ppb
Yttrium	89-1				83		%
Yttrium	89-2				89		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.04	14.88	14.88	14.93	0.62	ppb
Zirconium	90-1	0.29	0.29	0.29	0.29	0.92	ppb
Zirconium	91-1	0.30	0.29	0.32	0.30	5.12	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:31:36	DataFile Name :	017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	491.80	498.48	493.37	494.55	0.71	ppb
Antimony	121-1	185.77	185.15	185.22	185.38	0.18	ppb
Arsenic	75-1	180.04	185.28	185.10	183.47	1.62	ppb
Barium	135-1	91.70	92.51	91.72	91.98	0.50	ppb
Barium	137-1	91.40	92.19	91.81	91.80	0.44	ppb
Beryllium	9-1	90.08	90.17	91.43	90.56	0.83	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	492.17	506.98	515.77	504.97	2.36	ppb
Boron	11-1	491.46	500.49	511.78	501.24	2.03	ppb
Cadmium	111-1	100.55	101.74	102.02	101.44	0.77	ppb
Cadmium	106-1	185.20	184.65	185.72	185.19	0.29	ppb
Cadmium	108-1	161.51	163.46	162.02	162.33	0.63	ppb
Calcium	43-1	2351.42	2355.58	2386.46	2364.49	0.81	ppb
Calcium	44-1	2170.51	2163.75	2151.06	2161.77	0.46	ppb
Chromium	52-2	91.04	90.94	90.01	90.66	0.63	ppb
Cobalt	59-2	95.94	95.78	95.57	95.76	0.19	ppb
Copper	63-2	98.95	99.77	99.30	99.34	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				99		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	988.90	991.85	983.65	988.13	0.42	ppb
Iron	57-2	979.85	984.52	981.34	981.91	0.24	ppb
Krypton	83-1						cps
Lead	206-1	193.18	194.09	196.66	194.65	0.93	ppb
Lead	207-1	186.79	190.70	189.04	188.84	1.04	ppb
Lead	208-1	191.45	191.60	191.39	191.48	0.06	ppb
Lithium	6-1				95		%
Magnesium	24-2	1161.41	1167.79	1154.67	1161.29	0.56	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:31:36	DataFile Name :	017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	91.89	91.45	91.26	91.53	0.35	ppb
Molybdenum	94-1	2397.83	2403.69	2395.12	2398.88	0.18	ppb
Molybdenum	95-1	2357.12	2356.74	2335.80	2349.89	0.52	ppb
Molybdenum	96-1	2366.67	2364.11	2358.94	2363.24	0.17	ppb
Molybdenum	97-1	2354.62	2366.76	2349.34	2356.91	0.38	ppb
Molybdenum	98-1	2340.75	2369.11	2347.90	2352.58	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.45	100.30	99.62	99.79	0.45	ppb
Phosphorus	31-2	-25.74	-26.15	-28.42	-26.77		ppb
Potassium	39-2	1806.74	1820.15	1799.18	1808.69	0.59	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				99		%
Selenium	77-2	193.35	189.23	183.98	188.85	2.49	ppb
Selenium	78-2	193.15	193.48	192.08	192.91	0.38	ppb
Selenium	82-1	193.78	194.22	193.96	193.99	0.11	ppb
Silicon	28-1	9.43	11.16	12.51	11.04	13.99	ppb
Silver	109-1	98.31	100.08	99.35	99.25	0.90	ppb
Silver	107-1	98.58	99.47	98.77	98.94	0.47	ppb
Sodium	23-2	1821.72	1832.41	1830.85	1828.33	0.32	ppb
Strontium	86-1	498.12	499.02	500.13	499.09	0.20	ppb
Strontium	88-1	498.06	500.17	501.25	499.83	0.32	ppb
Sulfur	34-1	-1109.42	-1145.99	-1125.24	-1126.88		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	186.73	187.53	188.11	187.46	0.37	ppb
Thallium	205-1	186.33	184.81	187.93	186.36	0.84	ppb
Thorium	232-1	272.04	274.80	272.77	273.20	0.52	ppb
Tin	118-1	500.45	502.23	501.16	501.28	0.18	ppb
Titanium	47-1	2292.65	2321.20	2326.29	2313.38	0.78	ppb
Uranium	238-1	450.06	456.24	455.29	453.86	0.73	ppb
Vanadium	51-2	98.36	99.20	97.97	98.51	0.64	ppb
Yttrium	89-1				97		%
Yttrium	89-2				100		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:31:36	DataFile Name :	017ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	205.71	207.42	204.27	205.80	0.76	ppb
Zirconium	90-1	499.93	501.88	499.94	500.58	0.22	ppb
Zirconium	91-1	501.42	503.98	496.50	500.63	0.76	ppb

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:39:19 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	-0.07	-0.07	-0.06		ppb
Antimony	121-1	0.03	0.02	0.03	0.03	14.69	ppb
Arsenic	75-1	-0.06	-0.01	0.01	-0.02		ppb
Barium	135-1	0.01	0.01	0.00	0.01	17.63	ppb
Barium	137-1	0.00	0.00	0.00	0.00		ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	21.13	ppb
Bismuth	209-1				99		%
Bismuth	209-2				107		%
Boron	10-1	7.62	7.23	7.21	7.35	3.19	ppb
Boron	11-1	7.59	7.07	6.96	7.21	4.67	ppb
Cadmium	111-1	-0.05	0.00	-0.04	-0.03		ppb
Cadmium	106-1	-0.67	-0.10	-0.57	-0.44		ppb
Cadmium	108-1	0.00	0.02	-0.03	0.00		ppb
Calcium	43-1	-0.03	0.04	-0.52	-0.17		ppb
Calcium	44-1	-0.22	-0.11	-0.33	-0.22		ppb
Chromium	52-2	-0.02	-0.02	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	34.63	ppb
Copper	63-2	-0.08	-0.08	-0.06	-0.08		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				97		%
Holmium	165-2				106		%
Indium	115-1				97		%
Indium	115-2				108		%
Iron	56-2	-0.22	-0.14	-0.03	-0.13		ppb
Iron	57-2	-0.40	-0.29	-0.13	-0.27		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	35.88	ppb
Lead	207-1	0.02	0.01	0.02	0.02	8.85	ppb
Lead	208-1	0.01	0.01	0.01	0.01	3.95	ppb
Lithium	6-1				94		%
Magnesium	24-2	0.03	0.07	0.03	0.04	60.22	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:39:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	27.27	ppb
Molybdenum	94-1	0.09	0.12	0.10	0.11	13.16	ppb
Molybdenum	95-1	0.12	0.10	0.11	0.11	7.12	ppb
Molybdenum	96-1	0.11	0.11	0.12	0.12	6.85	ppb
Molybdenum	97-1	0.12	0.10	0.10	0.11	8.02	ppb
Molybdenum	98-1	0.11	0.11	0.11	0.11	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.00	0.00	0.00	174.38	ppb
Phosphorus	31-2	-30.64	-29.90	-25.79	-28.78		ppb
Potassium	39-2	-4.28	-3.95	-0.12	-2.78		ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				95		%
Scandium	45-2				103		%
Selenium	77-2	0.05	-0.03	-0.03	0.00		ppb
Selenium	78-2	-0.17	-0.15	-0.27	-0.20		ppb
Selenium	82-1	0.03	0.08	0.17	0.09	81.32	ppb
Silicon	28-1	0.32	-0.01	0.27	0.19	90.21	ppb
Silver	109-1	0.01	0.01	0.01	0.01	9.35	ppb
Silver	107-1	0.01	0.01	0.01	0.01	8.45	ppb
Sodium	23-2	0.71	1.03	4.29	2.01	98.54	ppb
Strontium	86-1	0.02	0.01	0.02	0.02	15.78	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	10.58	ppb
Sulfur	34-1	-616.20	-571.64	-572.88	-586.90		ppb
Terbium	159-1				97		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.03	0.03	0.03	5.82	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	8.28	ppb
Thorium	232-1	0.04	0.04	0.03	0.04	7.57	ppb
Tin	118-1	0.04	0.05	0.04	0.05	7.46	ppb
Titanium	47-1	0.09	0.05	0.08	0.07	28.40	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	7.60	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	20.44	ppb
Yttrium	89-1				96		%
Yttrium	89-2				105		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:39:19	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.03	0.01	-0.02		ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	15.02	ppb
Zirconium	91-1	0.01	0.02	0.02	0.02	22.57	ppb

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:42:56 DataFile Name : 020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89408.89	93499.51	86955.15	89954.52	3.68	ppb
Antimony	121-1	1.05	1.05	1.04	1.05	0.77	ppb
Arsenic	75-1	1.62	1.58	1.66	1.62	2.52	ppb
Barium	135-1	1.43	1.48	1.41	1.44	2.33	ppb
Barium	137-1	1.40	1.44	1.38	1.41	2.16	ppb
Beryllium	9-1	0.25	0.26	0.27	0.26	4.38	ppb
Bismuth	209-1				84		%
Bismuth	209-2				81		%
Boron	10-1	5.98	5.93	5.49	5.80	4.67	ppb
Boron	11-1	5.96	5.66	5.77	5.80	2.67	ppb
Cadmium	111-1	0.59	0.55	0.56	0.57	4.17	ppb
Cadmium	106-1	-0.68	-0.25	-0.72	-0.55		ppb
Cadmium	108-1	16.39	16.39	16.28	16.36	0.39	ppb
Calcium	43-1	92640.78	92978.42	93223.66	92947.62	0.31	ppb
Calcium	44-1	93190.82	93300.16	92694.41	93061.80	0.35	ppb
Chromium	52-2	24.63	25.45	23.99	24.69	2.96	ppb
Cobalt	59-2	1.13	1.22	1.15	1.17	3.98	ppb
Copper	63-2	7.50	7.85	7.46	7.60	2.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	102766.14	105867.33	100212.56	102948.67	2.75	ppb
Iron	57-2	102709.51	105948.47	100703.46	103120.48	2.57	ppb
Krypton	83-1						cps
Lead	206-1	4.83	4.77	4.73	4.78	1.12	ppb
Lead	207-1	4.35	4.28	4.26	4.30	1.14	ppb
Lead	208-1	4.50	4.45	4.45	4.47	0.66	ppb
Lithium	6-1				89		%
Magnesium	24-2	102427.23	106844.14	101001.64	103424.34	2.95	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:42:56	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.66	7.82	7.56	7.68	1.70	ppb
Molybdenum	94-1	1293.61	1277.63	1277.76	1283.00	0.72	ppb
Molybdenum	95-1	1858.88	1838.80	1845.59	1847.76	0.55	ppb
Molybdenum	96-1	1798.55	1766.07	1767.48	1777.37	1.03	ppb
Molybdenum	97-1	1863.84	1830.25	1840.33	1844.81	0.93	ppb
Molybdenum	98-1	1856.15	1826.64	1851.46	1844.75	0.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.27	5.59	5.18	5.35	4.02	ppb
Phosphorus	31-2	94618.18	98964.14	92624.58	95402.30	3.40	ppb
Potassium	39-2	95661.82	100139.62	94528.96	96776.80	3.07	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	0.06	0.24	0.49	0.26	81.72	ppb
Selenium	78-2	-0.16	0.02	0.03	-0.04		ppb
Selenium	82-1	0.19	0.21	0.22	0.21	7.16	ppb
Silicon	28-1	27.90	27.86	28.46	28.07	1.20	ppb
Silver	109-1	0.05	0.06	0.06	0.06	5.82	ppb
Silver	107-1	0.05	0.06	0.05	0.05	7.32	ppb
Sodium	23-2	99324.10	104573.50	97997.31	100631.64	3.46	ppb
Strontium	86-1	31.92	31.40	31.76	31.69	0.85	ppb
Strontium	88-1	31.69	31.55	31.69	31.64	0.25	ppb
Sulfur	34-1	90813.41	90892.99	91167.95	90958.12	0.20	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.12	0.14	0.16	0.14	14.45	ppb
Thallium	205-1	0.12	0.15	0.16	0.14	13.38	ppb
Thorium	232-1	0.03	0.03	0.04	0.04	2.64	ppb
Tin	118-1	0.17	0.17	0.16	0.17	4.55	ppb
Titanium	47-1	1928.96	1932.81	1923.78	1928.52	0.23	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	2.66	ppb
Vanadium	51-2	0.17	0.16	0.18	0.17	4.44	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:42:56	DataFile Name :	020ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.86	11.32	10.57	10.92	3.43	ppb
Zirconium	90-1	0.04	0.04	0.04	0.04	3.41	ppb
Zirconium	91-1	0.05	0.04	0.05	0.05	10.50	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86635.54	87157.61	87396.67	87063.28	0.45	ppb
Antimony	121-1	19.44	19.58	19.65	19.56	0.54	ppb
Arsenic	75-1	18.86	19.17	19.32	19.12	1.23	ppb
Barium	135-1	20.31	20.24	20.48	20.34	0.62	ppb
Barium	137-1	20.12	19.94	20.03	20.03	0.43	ppb
Beryllium	9-1	18.38	18.36	18.53	18.42	0.49	ppb
Bismuth	209-1				85		%
Bismuth	209-2				83		%
Boron	10-1	57.52	57.21	59.50	58.08	2.14	ppb
Boron	11-1	56.53	58.43	58.96	57.97	2.20	ppb
Cadmium	111-1	19.23	19.04	19.16	19.14	0.50	ppb
Cadmium	106-1	24.82	25.03	25.30	25.05	0.98	ppb
Cadmium	108-1	38.96	38.81	38.27	38.68	0.94	ppb
Calcium	43-1	93675.98	92524.75	93746.63	93315.79	0.74	ppb
Calcium	44-1	94274.42	92725.97	93899.62	93633.34	0.86	ppb
Chromium	52-2	41.51	41.42	41.06	41.33	0.59	ppb
Cobalt	59-2	19.83	19.94	19.69	19.82	0.64	ppb
Copper	63-2	26.42	26.43	26.08	26.31	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				91		%
Indium	115-2				90		%
Iron	56-2	100724.96	99719.21	99576.81	100006.99	0.63	ppb
Iron	57-2	100034.22	100648.21	99647.22	100109.88	0.50	ppb
Krypton	83-1						cps
Lead	206-1	24.41	23.99	24.33	24.24	0.92	ppb
Lead	207-1	22.31	21.95	22.21	22.15	0.84	ppb
Lead	208-1	23.03	22.81	22.92	22.92	0.49	ppb
Lithium	6-1				89		%
Magnesium	24-2	100603.87	100783.59	100319.65	100569.04	0.23	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.02	25.95	25.69	25.89	0.66	ppb
Molybdenum	94-1	1414.27	1391.82	1388.71	1398.27	1.00	ppb
Molybdenum	95-1	1916.69	1888.14	1884.61	1896.48	0.93	ppb
Molybdenum	96-1	1851.86	1827.91	1842.55	1840.77	0.66	ppb
Molybdenum	97-1	1919.81	1876.16	1913.89	1903.28	1.24	ppb
Molybdenum	98-1	1924.13	1874.06	1907.79	1902.00	1.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.79	24.12	24.20	24.03	0.90	ppb
Phosphorus	31-2	91865.74	93047.88	92470.17	92461.26	0.64	ppb
Potassium	39-2	93851.44	94331.41	94819.36	94334.07	0.51	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				94		%
Scandium	45-2				95		%
Selenium	77-2	20.17	19.28	17.15	18.87	8.23	ppb
Selenium	78-2	18.08	17.82	19.32	18.40	4.36	ppb
Selenium	82-1	18.52	18.17	18.42	18.37	0.98	ppb
Silicon	28-1	87.38	87.44	88.39	87.73	0.65	ppb
Silver	109-1	18.02	17.86	18.00	17.96	0.48	ppb
Silver	107-1	17.90	17.84	17.87	17.87	0.16	ppb
Sodium	23-2	97635.76	98396.60	98131.58	98054.65	0.39	ppb
Strontium	86-1	83.24	82.60	83.41	83.08	0.52	ppb
Strontium	88-1	85.53	84.30	84.65	84.83	0.74	ppb
Sulfur	34-1	91357.37	90970.91	91870.43	91399.57	0.49	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	19.37	19.48	19.88	19.58	1.36	ppb
Thallium	205-1	19.37	19.52	19.70	19.53	0.84	ppb
Thorium	232-1	0.43	0.44	0.44	0.44	0.81	ppb
Tin	118-1	51.81	51.31	50.99	51.37	0.80	ppb
Titanium	47-1	1969.22	1964.91	1982.55	1972.23	0.47	ppb
Uranium	238-1	53.92	52.63	53.72	53.42	1.31	ppb
Vanadium	51-2	18.54	18.68	18.61	18.61	0.38	ppb
Yttrium	89-1				94		%
Yttrium	89-2				94		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.24	29.94	29.83	30.00	0.71	ppb
Zirconium	90-1	52.70	52.41	52.81	52.64	0.39	ppb
Zirconium	91-1	51.86	51.89	51.72	51.82	0.17	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51880.15	53579.18	52446.52	52635.28	1.64	ppb
Antimony	121-1	497.85	500.36	496.29	498.17	0.41	ppb
Arsenic	75-1	452.13	455.44	458.75	455.44	0.73	ppb
Barium	135-1	2571.87	2575.03	2539.57	2562.16	0.77	ppb
Barium	137-1	2581.72	2554.88	2525.57	2554.06	1.10	ppb
Beryllium	9-1	495.72	494.06	491.06	493.62	0.48	ppb
Bismuth	209-1				78		%
Bismuth	209-2				78		%
Boron	10-1	484.52	497.04	496.39	492.65	1.43	ppb
Boron	11-1	490.74	505.02	499.80	498.52	1.45	ppb
Cadmium	111-1	470.81	473.76	473.71	472.76	0.36	ppb
Cadmium	106-1	488.41	494.69	495.02	492.71	0.76	ppb
Cadmium	108-1	487.22	488.31	483.16	486.23	0.56	ppb
Calcium	43-1	242771.04	240555.59	242831.65	242052.76	0.54	ppb
Calcium	44-1	242468.61	240550.92	244011.36	242343.63	0.72	ppb
Chromium	52-2	503.86	510.41	503.16	505.81	0.79	ppb
Cobalt	59-2	491.31	501.01	494.76	495.70	0.99	ppb
Copper	63-2	978.02	991.65	978.28	982.65	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				94		%
Indium	115-1				88		%
Indium	115-2				90		%
Iron	56-2	127153.83	128737.69	127765.29	127885.61	0.62	ppb
Iron	57-2	127203.42	129557.51	128042.95	128267.96	0.93	ppb
Krypton	83-1						cps
Lead	206-1	524.42	522.38	531.15	525.98	0.87	ppb
Lead	207-1	524.35	519.47	521.42	521.75	0.47	ppb
Lead	208-1	524.52	520.46	522.29	522.42	0.39	ppb
Lithium	6-1				87		%
Magnesium	24-2	261197.30	265726.09	263663.71	263529.03	0.86	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.41	1016.97	999.27	1003.55	1.18	ppb
Molybdenum	94-1	2530.77	2568.82	2526.09	2541.89	0.92	ppb
Molybdenum	95-1	2528.81	2556.80	2510.45	2532.02	0.92	ppb
Molybdenum	96-1	2535.11	2562.50	2509.16	2535.59	1.05	ppb
Molybdenum	97-1	2542.21	2563.52	2516.76	2540.83	0.92	ppb
Molybdenum	98-1	2540.71	2555.92	2512.46	2536.36	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	473.87	481.29	477.41	477.52	0.78	ppb
Phosphorus	31-2	9857.95	9997.70	9877.10	9910.92	0.76	ppb
Potassium	39-2	125632.42	128089.29	127779.80	127167.17	1.05	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				95		%
Scandium	45-2				97		%
Selenium	77-2	471.76	474.02	462.25	469.34	1.33	ppb
Selenium	78-2	471.14	468.06	466.02	468.41	0.55	ppb
Selenium	82-1	457.36	465.21	456.60	459.73	1.04	ppb
Silicon	28-1	531.11	541.78	551.27	541.39	1.86	ppb
Silver	109-1	484.98	479.55	479.80	481.44	0.64	ppb
Silver	107-1	478.76	481.94	480.63	480.44	0.33	ppb
Sodium	23-2	248101.57	249624.91	247774.69	248500.39	0.40	ppb
Strontium	86-1	509.30	512.55	506.39	509.41	0.60	ppb
Strontium	88-1	510.41	513.09	511.20	511.57	0.27	ppb
Sulfur	34-1	12181.46	11947.63	12137.03	12088.71	1.03	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	530.12	532.72	532.26	531.70	0.26	ppb
Thallium	205-1	526.69	527.25	536.60	530.18	1.05	ppb
Thorium	232-1	537.26	539.33	531.78	536.12	0.73	ppb
Tin	118-1	507.35	512.41	503.98	507.91	0.84	ppb
Titanium	47-1	2526.63	2525.55	2551.50	2534.56	0.58	ppb
Uranium	238-1	532.71	536.71	531.72	533.72	0.50	ppb
Vanadium	51-2	508.87	517.53	508.95	511.78	0.97	ppb
Yttrium	89-1				94		%
Yttrium	89-2				96		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	993.60	1006.31	993.69	997.87	0.73	ppb
Zirconium	90-1	509.95	512.51	506.96	509.80	0.54	ppb
Zirconium	91-1	510.88	515.48	506.33	510.90	0.90	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:55:06	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.98	4.05	3.79	3.94	3.44	ppb
Antimony	121-1	0.09	0.10	0.09	0.09	1.19	ppb
Arsenic	75-1	0.03	0.04	0.03	0.03	20.15	ppb
Barium	135-1	0.05	0.05	0.04	0.05	19.79	ppb
Barium	137-1	0.06	0.05	0.04	0.05	10.92	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	17.56	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	7.71	7.14	6.97	7.27	5.33	ppb
Boron	11-1	7.79	7.43	6.77	7.33	7.10	ppb
Cadmium	111-1	0.03	0.05	0.05	0.04	24.97	ppb
Cadmium	106-1	0.00	0.29	0.28	0.19	86.14	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	2177.71	ppb
Calcium	43-1	9.71	7.61	7.49	8.27	15.11	ppb
Calcium	44-1	8.94	8.25	8.06	8.42	5.49	ppb
Chromium	52-2	0.03	0.02	0.03	0.03	13.43	ppb
Cobalt	59-2	0.01	0.00	0.01	0.01	30.46	ppb
Copper	63-2	0.12	0.10	0.10	0.11	10.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	5.44	5.27	5.30	5.34	1.74	ppb
Iron	57-2	5.54	5.14	5.67	5.45	5.11	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.04	0.04	4.44	ppb
Lead	207-1	0.05	0.05	0.05	0.05	6.08	ppb
Lead	208-1	0.05	0.04	0.04	0.04	4.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	7.33	6.55	6.77	6.88	5.86	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:55:06	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.01	8.27	ppb
Molybdenum	94-1	0.26	0.22	0.19	0.22	15.39	ppb
Molybdenum	95-1	0.30	0.26	0.23	0.26	13.40	ppb
Molybdenum	96-1	0.29	0.25	0.23	0.26	12.03	ppb
Molybdenum	97-1	0.28	0.26	0.24	0.26	9.35	ppb
Molybdenum	98-1	0.30	0.27	0.23	0.27	14.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.02	0.01	0.01	49.65	ppb
Phosphorus	31-2	-26.94	-26.63	-21.33	-24.97		ppb
Potassium	39-2	23.35	22.09	23.08	22.84	2.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	0.05	0.05	0.13	0.08	58.79	ppb
Selenium	78-2	-0.06	-0.14	-0.06	-0.08		ppb
Selenium	82-1	0.19	0.13	0.06	0.13	51.22	ppb
Silicon	28-1	1.97	1.52	1.62	1.70	13.81	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.87	ppb
Silver	107-1	0.04	0.04	0.04	0.04	1.25	ppb
Sodium	23-2	26.74	27.26	25.70	26.57	2.99	ppb
Strontium	86-1	0.00	0.02	0.02	0.01	64.36	ppb
Strontium	88-1	0.02	0.01	0.01	0.01	17.60	ppb
Sulfur	34-1	-632.95	-572.44	-552.63	-586.01		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.10	0.08	0.09	0.09	7.87	ppb
Thallium	205-1	0.09	0.09	0.08	0.09	4.18	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	11.20	ppb
Tin	118-1	0.05	0.04	0.03	0.04	25.43	ppb
Titanium	47-1	0.18	0.12	0.14	0.15	17.84	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.32	ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	29.08	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:55:06	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.01	0.01	0.01	73.03	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.89	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	35.33	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.47	21.04	20.44	20.98	2.47	ppb
Antimony	121-1	1.89	1.89	1.93	1.91	1.18	ppb
Arsenic	75-1	0.95	0.88	0.94	0.92	3.88	ppb
Barium	135-1	9.57	9.39	9.70	9.55	1.63	ppb
Barium	137-1	9.56	9.48	9.48	9.51	0.51	ppb
Beryllium	9-1	0.96	0.95	0.94	0.95	1.38	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	26.86	26.28	27.79	26.98	2.82	ppb
Boron	11-1	26.43	26.44	27.08	26.65	1.41	ppb
Cadmium	111-1	1.01	1.08	1.03	1.04	3.58	ppb
Cadmium	106-1	1.22	1.75	1.19	1.39	22.54	ppb
Cadmium	108-1	0.89	1.00	0.96	0.95	5.63	ppb
Calcium	43-1	448.79	456.18	458.39	454.45	1.11	ppb
Calcium	44-1	455.29	457.70	460.05	457.68	0.52	ppb
Chromium	52-2	1.93	1.91	1.97	1.94	1.36	ppb
Cobalt	59-2	0.97	0.98	1.01	0.98	2.12	ppb
Copper	63-2	2.14	2.10	2.14	2.13	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	59.38	59.09	59.53	59.33	0.37	ppb
Iron	57-2	60.52	59.37	58.64	59.51	1.60	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.90	0.88	0.88	2.47	ppb
Lead	207-1	0.87	0.89	0.86	0.87	1.67	ppb
Lead	208-1	0.86	0.89	0.88	0.88	1.65	ppb
Lithium	6-1				99		%
Magnesium	24-2	515.46	516.67	519.71	517.28	0.42	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.99	1.05	1.02	2.69	ppb
Molybdenum	94-1	4.63	4.77	4.75	4.71	1.61	ppb
Molybdenum	95-1	4.73	4.73	4.87	4.77	1.69	ppb
Molybdenum	96-1	4.73	4.76	4.74	4.74	0.24	ppb
Molybdenum	97-1	4.83	4.76	4.78	4.79	0.72	ppb
Molybdenum	98-1	4.80	4.75	4.73	4.76	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.12	1.15	1.16	1.14	1.63	ppb
Phosphorus	31-2	33.08	25.55	20.19	26.27	24.66	ppb
Potassium	39-2	473.28	468.16	474.39	471.94	0.70	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	4.67	4.44	4.67	4.59	2.84	ppb
Selenium	78-2	5.37	4.98	5.10	5.15	3.80	ppb
Selenium	82-1	5.18	5.35	5.20	5.25	1.83	ppb
Silicon	28-1	11.11	11.14	11.49	11.25	1.88	ppb
Silver	109-1	1.13	1.10	1.14	1.12	1.80	ppb
Silver	107-1	1.10	1.09	1.13	1.11	2.19	ppb
Sodium	23-2	490.69	493.84	493.29	492.61	0.34	ppb
Strontium	86-1	0.91	0.91	0.86	0.90	3.37	ppb
Strontium	88-1	0.90	0.93	0.90	0.91	1.73	ppb
Sulfur	34-1	-443.26	-444.88	-352.10	-413.41		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.92	0.91	0.91	0.91	0.78	ppb
Thallium	205-1	0.90	0.91	0.91	0.91	0.50	ppb
Thorium	232-1	0.78	0.78	0.80	0.79	0.93	ppb
Tin	118-1	4.87	4.82	4.80	4.83	0.76	ppb
Titanium	47-1	4.98	4.71	4.85	4.85	2.79	ppb
Uranium	238-1	0.78	0.79	0.78	0.78	0.68	ppb
Vanadium	51-2	4.94	4.72	4.90	4.85	2.35	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.14	2.20	2.15	2.16	1.37	ppb
Zirconium	90-1	0.92	0.93	0.91	0.92	1.02	ppb
Zirconium	91-1	0.88	0.89	0.91	0.89	1.93	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	795.61	777.13	795.00	789.25	1.33	ppb
Antimony	121-1	34.20	34.70	34.40	34.43	0.73	ppb
Arsenic	75-1	29.39	29.29	28.98	29.22	0.73	ppb
Barium	135-1	646.00	653.12	643.38	647.50	0.78	ppb
Barium	137-1	648.88	653.40	648.45	650.24	0.42	ppb
Beryllium	9-1	7.93	7.86	7.91	7.90	0.45	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	1618.98	1652.66	1660.77	1644.14	1.35	ppb
Boron	11-1	1602.72	1647.92	1659.93	1636.86	1.84	ppb
Cadmium	111-1	46.22	46.27	46.05	46.18	0.25	ppb
Cadmium	106-1	38.55	36.92	37.19	37.56	2.32	ppb
Cadmium	108-1	40.64	41.56	41.64	41.28	1.34	ppb
Calcium	43-1	7.48	6.11	4.27	5.95	27.01	ppb
Calcium	44-1	7.80	6.51	6.04	6.78	13.40	ppb
Chromium	52-2	148.60	146.80	148.29	147.89	0.65	ppb
Cobalt	59-2	0.02	0.01	0.02	0.02	11.29	ppb
Copper	63-2	1562.53	1554.75	1565.87	1561.05	0.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	1421.27	1395.09	1412.77	1409.71	0.95	ppb
Iron	57-2	1405.13	1382.22	1396.03	1394.46	0.83	ppb
Krypton	83-1						cps
Lead	206-1	28.27	28.71	29.34	28.77	1.88	ppb
Lead	207-1	27.30	27.39	28.28	27.66	1.97	ppb
Lead	208-1	27.80	27.97	28.60	28.12	1.51	ppb
Lithium	6-1				97		%
Magnesium	24-2	1.96	1.75	1.47	1.72	14.35	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	448.87	443.96	448.67	447.17	0.62	ppb
Molybdenum	94-1	60.64	60.71	61.26	60.87	0.56	ppb
Molybdenum	95-1	86.93	87.35	86.14	86.80	0.71	ppb
Molybdenum	96-1	83.21	83.76	83.27	83.41	0.36	ppb
Molybdenum	97-1	87.80	87.58	86.76	87.38	0.63	ppb
Molybdenum	98-1	86.60	87.06	87.46	87.04	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	457.65	453.58	456.06	455.76	0.45	ppb
Phosphorus	31-2	-29.42	-26.66	-32.76	-29.61		ppb
Potassium	39-2	8.80	9.16	9.86	9.27	5.80	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	84.60	82.50	82.32	83.14	1.53	ppb
Selenium	78-2	81.10	82.61	82.33	82.01	0.98	ppb
Selenium	82-1	82.30	81.50	81.81	81.87	0.49	ppb
Silicon	28-1	100.94	100.25	102.00	101.06	0.87	ppb
Silver	109-1	237.32	239.78	237.41	238.17	0.59	ppb
Silver	107-1	236.28	236.09	235.05	235.80	0.28	ppb
Sodium	23-2	43.36	43.67	43.69	43.58	0.43	ppb
Strontium	86-1	0.02	0.02	0.01	0.01	49.99	ppb
Strontium	88-1	0.02	0.02	0.01	0.01	14.20	ppb
Sulfur	34-1	-738.87	-875.16	-891.56	-835.20		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	8.80	8.92	9.10	8.94	1.71	ppb
Thallium	205-1	8.79	8.79	9.17	8.92	2.45	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	29.78	ppb
Tin	118-1	0.05	0.06	0.05	0.05	4.62	ppb
Titanium	47-1	0.15	0.13	0.12	0.13	11.68	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	6.85	ppb
Vanadium	51-2	653.76	649.41	654.16	652.44	0.40	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	761.27	759.68	763.53	761.49	0.25	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	4.51	ppb
Zirconium	91-1	0.11	0.11	0.10	0.11	4.37	ppb

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : PB116587BL Instrumnet Name : P7
 Client Sample ID : PB116587BL Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 18:27:08 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	0.22	0.22	0.26	27.25	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	77.49	ppb
Arsenic	75-1	0.00	-0.04	-0.06	-0.04		ppb
Barium	135-1	0.05	0.04	0.04	0.04	13.69	ppb
Barium	137-1	0.03	0.04	0.04	0.04	6.69	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	497.11	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	2.42	2.34	2.12	2.29	6.73	ppb
Boron	11-1	2.38	2.34	2.24	2.32	3.01	ppb
Cadmium	111-1	-0.03	-0.06	-0.04	-0.04		ppb
Cadmium	106-1	-0.47	-0.77	-0.48	-0.57		ppb
Cadmium	108-1	-0.02	-0.01	-0.01	-0.01		ppb
Calcium	43-1	0.26	0.79	0.41	0.49	55.32	ppb
Calcium	44-1	0.62	0.83	0.73	0.73	14.12	ppb
Chromium	52-2	0.01	0.02	0.01	0.01	49.24	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	34.41	ppb
Copper	63-2	0.03	0.04	0.05	0.04	20.56	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				100		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.60	0.51	0.56	0.56	8.66	ppb
Iron	57-2	0.31	0.36	0.55	0.41	31.18	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	50.85	ppb
Lead	207-1	0.00	0.01	0.00	0.00	47.98	ppb
Lead	208-1	0.00	0.00	0.00	0.00	14.88	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.04	0.00	0.08	0.04	92.71	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P7
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:27:08	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	6.98	ppb
Molybdenum	94-1	0.00	0.01	0.01	0.01	53.34	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	28.83	ppb
Molybdenum	96-1	0.01	0.00	0.01	0.01	68.86	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	417.13	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	42.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.08	0.07	0.07	15.04	ppb
Phosphorus	31-2	-32.33	-27.57	-30.31	-30.07		ppb
Potassium	39-2	1.90	1.36	0.34	1.20	66.27	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	-0.03	-0.03	0.13	0.03	352.80	ppb
Selenium	78-2	0.04	0.00	-0.04	0.00		ppb
Selenium	82-1	0.09	0.14	0.06	0.09	42.42	ppb
Silicon	28-1	1.28	1.24	1.69	1.40	17.82	ppb
Silver	109-1	0.00	0.00	0.00	0.00	16.88	ppb
Silver	107-1	0.01	0.00	0.00	0.00	37.94	ppb
Sodium	23-2	2.03	2.39	2.25	2.22	8.18	ppb
Strontium	86-1	-0.01	0.00	-0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	30.92	ppb
Sulfur	34-1	-332.01	-346.93	-293.58	-324.18		ppb
Terbium	159-1				99		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	25.77	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	8.04	ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.02	0.02	0.03	0.02	20.73	ppb
Titanium	47-1	0.01	0.01	0.01	0.01	30.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	66.28	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P7
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:27:08	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	0.04	0.02	0.04	59.28	ppb
Zirconium	90-1	0.00	0.00	0.01	0.01	50.44	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	68.22	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9905.25	9633.15	9671.19	9736.53	1.51	ppb
Antimony	121-1	503.11	502.86	504.77	503.58	0.21	ppb
Arsenic	75-1	489.33	487.73	493.52	490.19	0.61	ppb
Barium	135-1	2470.66	2481.05	2466.55	2472.75	0.30	ppb
Barium	137-1	2492.87	2456.98	2483.13	2477.66	0.75	ppb
Beryllium	9-1	500.87	494.25	496.39	497.17	0.68	ppb
Bismuth	209-1				91		%
Bismuth	209-2				90		%
Boron	10-1	488.23	491.71	501.69	493.88	1.41	ppb
Boron	11-1	483.19	489.18	498.47	490.28	1.57	ppb
Cadmium	111-1	501.50	498.37	508.78	502.88	1.06	ppb
Cadmium	106-1	503.04	509.05	511.93	508.01	0.89	ppb
Cadmium	108-1	508.03	507.72	511.35	509.04	0.40	ppb
Calcium	43-1	48834.06	49055.01	49019.60	48969.56	0.24	ppb
Calcium	44-1	48358.22	48685.30	48649.06	48564.19	0.37	ppb
Chromium	52-2	506.53	492.85	498.22	499.20	1.38	ppb
Cobalt	59-2	507.28	500.16	500.90	502.78	0.78	ppb
Copper	63-2	1033.49	1014.62	1014.82	1020.98	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	26543.83	25957.56	26118.00	26206.46	1.16	ppb
Iron	57-2	26553.08	25885.46	26055.62	26164.72	1.33	ppb
Krypton	83-1						cps
Lead	206-1	491.37	491.46	491.18	491.34	0.03	ppb
Lead	207-1	482.63	491.16	490.68	488.16	0.98	ppb
Lead	208-1	487.36	490.49	490.15	489.34	0.35	ppb
Lithium	6-1				92		%
Magnesium	24-2	55321.15	54478.88	54315.68	54705.24	0.99	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.72	988.51	995.05	998.09	1.14	ppb
Molybdenum	94-1	2471.71	2442.83	2466.54	2460.36	0.63	ppb
Molybdenum	95-1	2476.77	2459.51	2450.25	2462.17	0.55	ppb
Molybdenum	96-1	2481.59	2465.46	2466.19	2471.08	0.37	ppb
Molybdenum	97-1	2478.99	2469.24	2471.48	2473.24	0.21	ppb
Molybdenum	98-1	2464.35	2471.38	2463.88	2466.54	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.97	508.44	510.53	511.31	0.65	ppb
Phosphorus	31-2	10043.05	9693.48	9736.46	9824.33	1.94	ppb
Potassium	39-2	24378.75	23842.02	23914.17	24044.98	1.21	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				94		%
Scandium	45-2				96		%
Selenium	77-2	517.18	499.90	510.55	509.21	1.71	ppb
Selenium	78-2	499.95	497.60	496.97	498.17	0.32	ppb
Selenium	82-1	497.22	496.91	502.34	498.82	0.61	ppb
Silicon	28-1	508.93	512.85	519.66	513.81	1.06	ppb
Silver	109-1	512.69	507.57	513.16	511.14	0.61	ppb
Silver	107-1	506.80	508.97	511.96	509.24	0.51	ppb
Sodium	23-2	50733.24	49401.75	49946.19	50027.06	1.34	ppb
Strontium	86-1	493.74	492.31	492.36	492.81	0.16	ppb
Strontium	88-1	493.72	492.48	491.00	492.40	0.28	ppb
Sulfur	34-1	12163.14	11962.57	12041.64	12055.78	0.84	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	492.35	492.68	492.33	492.45	0.04	ppb
Thallium	205-1	490.10	491.82	489.32	490.41	0.26	ppb
Thorium	232-1	482.70	478.72	479.80	480.41	0.43	ppb
Tin	118-1	500.78	497.35	502.35	500.16	0.51	ppb
Titanium	47-1	2484.52	2448.18	2464.71	2465.80	0.74	ppb
Uranium	238-1	484.49	482.83	477.54	481.62	0.75	ppb
Vanadium	51-2	500.90	492.51	490.99	494.80	1.08	ppb
Yttrium	89-1				96		%
Yttrium	89-2				95		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1047.72	1022.66	1033.18	1034.52	1.22	ppb
Zirconium	90-1	493.31	489.86	494.22	492.46	0.47	ppb
Zirconium	91-1	491.42	490.74	492.06	491.40	0.13	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51795.22	52297.33	51688.15	51926.90	0.63	ppb
Antimony	121-1	488.96	493.05	492.61	491.54	0.46	ppb
Arsenic	75-1	455.17	458.01	460.13	457.77	0.54	ppb
Barium	135-1	2527.74	2547.08	2536.04	2536.95	0.38	ppb
Barium	137-1	2517.40	2527.75	2554.12	2533.09	0.75	ppb
Beryllium	9-1	496.48	496.74	496.17	496.47	0.06	ppb
Bismuth	209-1				77		%
Bismuth	209-2				78		%
Boron	10-1	495.42	497.50	498.68	497.20	0.33	ppb
Boron	11-1	498.60	504.75	508.78	504.04	1.02	ppb
Cadmium	111-1	463.92	464.09	471.67	466.56	0.95	ppb
Cadmium	106-1	481.74	489.83	492.28	487.95	1.13	ppb
Cadmium	108-1	472.35	484.56	481.12	479.34	1.31	ppb
Calcium	43-1	238701.93	240793.40	239027.61	239507.64	0.47	ppb
Calcium	44-1	240172.45	241911.02	240279.50	240787.66	0.40	ppb
Chromium	52-2	504.51	506.65	504.59	505.25	0.24	ppb
Cobalt	59-2	494.61	495.44	492.18	494.07	0.34	ppb
Copper	63-2	998.22	1000.98	991.46	996.89	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				93		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	128005.17	127445.61	127398.79	127616.53	0.26	ppb
Iron	57-2	128405.43	128376.98	128189.48	128323.97	0.09	ppb
Krypton	83-1						cps
Lead	206-1	524.00	522.37	525.08	523.82	0.26	ppb
Lead	207-1	520.79	516.23	524.21	520.41	0.77	ppb
Lead	208-1	520.95	514.88	523.80	519.88	0.88	ppb
Lithium	6-1				84		%
Magnesium	24-2	260721.61	262948.18	259337.06	261002.28	0.70	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.92	1001.90	991.23	998.01	0.59	ppb
Molybdenum	94-1	2525.32	2547.35	2523.46	2532.04	0.52	ppb
Molybdenum	95-1	2532.24	2545.77	2505.23	2527.75	0.82	ppb
Molybdenum	96-1	2524.46	2560.46	2517.19	2534.04	0.91	ppb
Molybdenum	97-1	2528.72	2533.79	2522.20	2528.23	0.23	ppb
Molybdenum	98-1	2528.01	2527.70	2513.60	2523.10	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.86	480.30	477.62	478.93	0.28	ppb
Phosphorus	31-2	9861.03	9775.35	9806.94	9814.44	0.44	ppb
Potassium	39-2	126769.32	125311.71	125151.97	125744.33	0.71	ppb
Rhodium	103-1				81		%
Rhodium	103-2				81		%
Scandium	45-1				91		%
Scandium	45-2				94		%
Selenium	77-2	497.59	515.52	504.04	505.71	1.80	ppb
Selenium	78-2	499.51	505.37	495.13	500.00	1.03	ppb
Selenium	82-1	495.81	499.19	496.13	497.05	0.38	ppb
Silicon	28-1	551.57	564.18	560.33	558.70	1.16	ppb
Silver	109-1	473.71	478.38	479.70	477.26	0.66	ppb
Silver	107-1	471.01	473.34	474.41	472.92	0.37	ppb
Sodium	23-2	245220.67	246622.26	246285.29	246042.74	0.30	ppb
Strontium	86-1	505.38	505.20	504.66	505.08	0.07	ppb
Strontium	88-1	504.14	504.78	503.11	504.01	0.17	ppb
Sulfur	34-1	12007.94	12161.80	12042.85	12070.86	0.67	ppb
Terbium	159-1				91		%
Terbium	159-2				93		%
Thallium	203-1	531.13	524.75	529.78	528.55	0.64	ppb
Thallium	205-1	529.11	527.16	528.32	528.20	0.19	ppb
Thorium	232-1	541.90	539.03	536.11	539.01	0.54	ppb
Tin	118-1	495.16	500.44	503.22	499.61	0.82	ppb
Titanium	47-1	2520.14	2527.79	2513.78	2520.57	0.28	ppb
Uranium	238-1	535.25	536.63	535.01	535.63	0.16	ppb
Vanadium	51-2	511.31	511.69	507.64	510.22	0.44	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1000.38	1007.21	996.97	1001.52	0.52	ppb
Zirconium	90-1	509.07	510.16	508.31	509.18	0.18	ppb
Zirconium	91-1	506.70	508.71	507.24	507.55	0.20	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:39:12	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.72	0.51	0.61	0.62	17.43	ppb
Antimony	121-1	0.13	0.11	0.10	0.11	12.05	ppb
Arsenic	75-1	0.00	0.00	0.00	0.00	331.69	ppb
Barium	135-1	0.13	0.09	0.05	0.09	42.62	ppb
Barium	137-1	0.14	0.07	0.05	0.09	52.81	ppb
Beryllium	9-1	0.05	0.04	0.02	0.04	37.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	9.74	9.28	8.90	9.31	4.53	ppb
Boron	11-1	9.30	8.85	8.59	8.91	4.04	ppb
Cadmium	111-1	0.04	0.00	0.02	0.02	107.25	ppb
Cadmium	106-1	0.10	-0.30	-0.04	-0.08		ppb
Cadmium	108-1	0.02	0.03	0.02	0.02	11.50	ppb
Calcium	43-1	11.64	7.75	3.54	7.64	52.97	ppb
Calcium	44-1	12.93	7.62	4.74	8.43	49.26	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	338.06	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	44.22	ppb
Copper	63-2	0.04	0.06	0.03	0.04	23.13	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				100		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	1.28	1.10	0.95	1.11	14.52	ppb
Iron	57-2	1.40	0.86	0.82	1.03	31.47	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.03	0.03	0.04	32.71	ppb
Lead	207-1	0.05	0.04	0.03	0.04	22.62	ppb
Lead	208-1	0.05	0.04	0.03	0.04	24.21	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.52	1.28	1.19	1.33	12.78	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:39:12	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	4.15	ppb
Molybdenum	94-1	0.32	0.25	0.20	0.26	23.00	ppb
Molybdenum	95-1	0.42	0.31	0.24	0.32	27.01	ppb
Molybdenum	96-1	0.39	0.30	0.24	0.31	24.87	ppb
Molybdenum	97-1	0.37	0.30	0.26	0.31	18.63	ppb
Molybdenum	98-1	0.39	0.31	0.25	0.31	22.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.02	0.02	24.76	ppb
Phosphorus	31-2	-26.31	-32.46	-28.61	-29.13		ppb
Potassium	39-2	17.08	15.23	15.34	15.89	6.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	-0.03	-0.03	-0.03	-0.03		ppb
Selenium	78-2	0.03	-0.01	-0.06	-0.01		ppb
Selenium	82-1	-0.01	0.17	-0.04	0.04	268.77	ppb
Silicon	28-1	3.25	2.98	2.60	2.94	11.07	ppb
Silver	109-1	0.04	0.03	0.03	0.04	22.47	ppb
Silver	107-1	0.04	0.04	0.03	0.04	21.29	ppb
Sodium	23-2	21.81	21.44	20.26	21.17	3.81	ppb
Strontium	86-1	0.01	0.00	0.01	0.01	141.15	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	57.39	ppb
Sulfur	34-1	-560.41	-590.79	-646.40	-599.20		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.05	0.04	0.05	25.56	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	17.22	ppb
Thorium	232-1	0.11	0.09	0.08	0.09	16.85	ppb
Tin	118-1	0.12	0.09	0.09	0.10	14.32	ppb
Titanium	47-1	0.18	0.13	0.11	0.14	27.50	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	52.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	32.31	ppb
Yttrium	89-1				100		%
Yttrium	89-2				102		%

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:39:12	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.01	0.07	0.05	64.65	ppb
Zirconium	90-1	0.05	0.03	0.02	0.04	36.66	ppb
Zirconium	91-1	0.05	0.04	0.03	0.04	22.59	ppb

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	133	108	114	15.23	cps
Antimony	121-1	175	267	308	250	27.29	cps
Arsenic	75-1	-1901	-1518	-1586	-1669	-12.23	cps
Barium	135-1	8	33	67	36	81.06	cps
Barium	137-1	150	108	108	122	19.68	cps
Beryllium	9-1	197	223	233	218	8.70	cps
Bismuth	209-1	25305682	25078528	25193490	25192567	0.45	cps
Bismuth	209-2	14074296	14163288	13993278	14076954	0.60	cps
Boron	10-1	5626	5385	5201	5404	3.95	cps
Boron	11-1	26073	25305	26098	25826	1.75	cps
Cadmium	111-1	8508	8839	8335	8561	3.00	cps
Cadmium	106-1	12156	12639	11889	12228	3.11	cps
Cadmium	108-1	38	42	42	40	5.98	cps
Calcium	43-1	308	300	325	311	4.09	cps
Calcium	44-1	29214	28396	30041	29217	2.82	cps
Chromium	52-2	3314	3554	3674	3514	5.22	cps
Cobalt	59-2	143	117	170	143	18.61	cps
Copper	63-2	3934	3664	3564	3721	5.15	cps
Dysprosium	156-1	25	33	17	25	33.34	cps
Dysprosium	156-2	13	7	10	10	33.30	cps
Erbium	164-1	117	75	83	92	24.05	cps
Erbium	164-2	37	77	53	56	36.17	cps
Gadolinium	160-1	242	208	200	217	10.18	cps
Gadolinium	160-2	410	473	567	483	16.31	cps
Holmium	165-1	36473129	36450415	36192367	36371971	0.43	cps
Holmium	165-2	18515098	18492024	18171924	18393015	1.04	cps
Indium	115-1	29677224	29453657	29514158	29548346	0.39	cps
Indium	115-2	5799967	5861464	5779246	5813559	0.74	cps
Iron	56-2	16888	16960	17361	17070	1.49	cps
Iron	57-2	394	311	344	350	11.98	cps
Krypton	83-1	1317	1333	1327	1326	0.63	cps
Lead	206-1	2061	1839	1884	1928	6.10	cps
Lead	207-1	1561	1550	1706	1606	5.41	cps
Lead	208-1	7529	7223	7873	7542	4.31	cps
Lithium	6-1	8492582	8441536	8424798	8452972	0.42	cps
Magnesium	24-2	233	200	250	228	11.18	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	63	77	70	9.53	cps
Molybdenum	94-1	600	800	733	711	14.32	cps
Molybdenum	95-1	208	233	233	225	6.41	cps
Molybdenum	96-1	458	408	533	467	13.48	cps
Molybdenum	97-1	233	192	167	197	17.08	cps
Molybdenum	98-1	392	292	442	375	20.37	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	190	237	160	196	19.76	cps
Phosphorus	31-2	592	583	458	544	13.72	cps
Potassium	39-2	46340	46089	46541	46323	0.49	cps
Rhodium	103-1	27989861	27990467	28028720	28003016	0.08	cps
Rhodium	103-2	13710858	13791207	13569099	13690388	0.82	cps
Scandium	45-1	20091798	20144637	20064960	20100465	0.20	cps
Scandium	45-2	921545	932436	918584	924188	0.79	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	191	202	165	186	10.23	cps
Selenium	82-1	-39	-44	-14	-33	-49.22	cps
Silicon	28-1	640295	638960	644888	641381	0.48	cps
Silver	109-1	308	200	208	239	25.24	cps
Silver	107-1	350	392	450	397	12.65	cps
Sodium	23-2	51514	52911	52200	52208	1.34	cps
Strontium	86-1	2300	1825	2034	2053	11.60	cps
Strontium	88-1	375	292	308	325	13.57	cps
Sulfur	34-1	950727	948524	947938	949063	0.15	cps
Terbium	159-1	38557039	38331779	38018368	38302396	0.71	cps
Terbium	159-2	18699007	18722261	18636588	18685952	0.24	cps
Thallium	203-1	1225	1267	1167	1220	4.12	cps
Thallium	205-1	2867	2584	2550	2667	6.52	cps
Thorium	232-1	817	633	833	761	14.58	cps
Tin	118-1	2059	2125	2225	2136	3.93	cps
Titanium	47-1	258	133	217	203	31.39	cps
Uranium	238-1	267	333	325	308	11.78	cps
Vanadium	51-2	7	33	20	20	66.65	cps
Yttrium	89-1	30135352	30145186	29988352	30089630	0.29	cps
Yttrium	89-2	4377176	4410993	4351047	4379739	0.69	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:26:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	840	800	873	838	4.38	cps
Zirconium	90-1	1834	1608	1750	1731	6.57	cps
Zirconium	91-1	417	350	317	361	14.10	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 16:35:38 DataFile Name : 005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9937	10588	9829	10118	4.06	cps
Antimony	121-1	63202	65043	61787	63344	2.58	cps
Arsenic	75-1	6969	5865	7016	6616	9.84	cps
Barium	135-1	86880	87164	86133	86726	0.61	cps
Barium	137-1	149892	151983	149656	150510	0.85	cps
Beryllium	9-1	9957	10023	9893	9958	0.65	cps
Bismuth	209-1	25198030	25101852	24988406	25096096	0.42	cps
Bismuth	209-2	14126519	14312598	14232952	14224023	0.66	cps
Boron	10-1	59970	60062	59619	59884	0.39	cps
Boron	11-1	277087	277317	282846	279083	1.17	cps
Cadmium	111-1	19696	19281	19710	19562	1.25	cps
Cadmium	106-1	13791	13515	13790	13699	1.16	cps
Cadmium	108-1	879	971	896	915	5.34	cps
Calcium	43-1	64442	64567	64684	64564	0.19	cps
Calcium	44-1	1056883	1054933	1055734	1055850	0.09	cps
Chromium	52-2	29005	29323	29042	29123	0.60	cps
Cobalt	59-2	22060	22861	21790	22237	2.51	cps
Copper	63-2	35329	35460	35674	35488	0.49	cps
Dysprosium	156-1	25	0	0	8	173.21	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	117	142	108	122	14.19	cps
Erbium	164-2	40	50	50	47	12.37	cps
Gadolinium	160-1	250	242	192	228	13.85	cps
Gadolinium	160-2	430	513	537	493	11.37	cps
Holmium	165-1	36035095	36048247	35948656	36010666	0.15	cps
Holmium	165-2	18376472	18620908	18554075	18517152	0.68	cps
Indium	115-1	29283667	29266501	29291299	29280489	0.04	cps
Indium	115-2	5869631	5967781	5950079	5929164	0.88	cps
Iron	56-2	634229	645378	640047	639884	0.87	cps
Iron	57-2	15787	16354	16493	16211	2.31	cps
Krypton	83-1	1283	1333	1293	1303	2.03	cps
Lead	206-1	32557	32390	32596	32515	0.34	cps
Lead	207-1	28231	28308	27802	28114	0.97	cps
Lead	208-1	129499	129700	127635	128945	0.88	cps
Lithium	6-1	8393376	8378756	8382533	8384888	0.09	cps
Magnesium	24-2	568241	573491	573616	571783	0.54	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:35:38	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8466	8476	8476	8473	0.07	cps
Molybdenum	94-1	75081	76849	76690	76207	1.28	cps
Molybdenum	95-1	94034	95241	93129	94135	1.13	cps
Molybdenum	96-1	102836	104112	104867	103938	0.99	cps
Molybdenum	97-1	57157	59341	58797	58432	1.95	cps
Molybdenum	98-1	151649	150630	149815	150698	0.61	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	6568	6858	6632	6686	2.28	cps
Phosphorus	31-2	2175	1992	2117	2095	4.47	cps
Potassium	39-2	528417	533968	530487	530958	0.53	cps
Rhodium	103-1	27618605	27830488	27565940	27671678	0.51	cps
Rhodium	103-2	13586074	13822397	13687081	13698517	0.87	cps
Scandium	45-1	19914175	19986225	19883326	19927909	0.26	cps
Scandium	45-2	922995	934419	929690	929034	0.62	cps
Selenium	77-2	210	250	223	228	8.94	cps
Selenium	78-2	935	907	939	927	1.86	cps
Selenium	82-1	4825	4768	4728	4774	1.03	cps
Silicon	28-1	954663	948535	957766	953655	0.49	cps
Silver	109-1	55033	54498	54890	54807	0.51	cps
Silver	107-1	58372	58262	57176	57937	1.14	cps
Sodium	23-2	1074061	1078929	1071986	1074992	0.33	cps
Strontium	86-1	14283	14416	13123	13941	5.10	cps
Strontium	88-1	105528	103908	103389	104275	1.07	cps
Sulfur	34-1	971930	970205	965314	969149	0.35	cps
Terbium	159-1	37422887	37837706	37775341	37678645	0.59	cps
Terbium	159-2	18647456	18930250	18920296	18832667	0.85	cps
Thallium	203-1	36744	38039	38281	37688	2.19	cps
Thallium	205-1	91942	93494	91900	92446	0.98	cps
Thorium	232-1	122549	122011	120346	121635	0.94	cps
Tin	118-1	160532	161021	159646	160400	0.43	cps
Titanium	47-1	29956	29272	28295	29174	2.86	cps
Uranium	238-1	116761	114946	114693	115467	0.98	cps
Vanadium	51-2	53356	53774	53156	53429	0.59	cps
Yttrium	89-1	29889215	29943627	29498867	29777237	0.81	cps
Yttrium	89-2	4408032	4480194	4457264	4448497	0.83	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:35:38	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5594	6111	5991	5899	4.59	cps
Zirconium	90-1	63834	62319	61164	62439	2.14	cps
Zirconium	91-1	13949	14266	14191	14135	1.17	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:39:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	498577	503805	500459	500947	0.53	cps
Antimony	121-1	1682372	1672963	1684541	1679958	0.37	cps
Arsenic	75-1	468702	463637	460081	464140	0.93	cps
Barium	135-1	2234899	2231939	2211692	2226177	0.57	cps
Barium	137-1	3876117	3873236	3899326	3882893	0.37	cps
Beryllium	9-1	519305	516070	515450	516942	0.40	cps
Bismuth	209-1	24589477	24626187	24405766	24540477	0.48	cps
Bismuth	209-2	13561106	13731699	13510116	13600974	0.85	cps
Boron	10-1	120261	124881	121160	122101	2.01	cps
Boron	11-1	561437	578562	573788	571262	1.55	cps
Cadmium	111-1	586580	578293	581590	582155	0.72	cps
Cadmium	106-1	74539	74798	74522	74620	0.21	cps
Cadmium	108-1	43575	43341	43784	43567	0.51	cps
Calcium	43-1	672105	666711	658979	665932	0.99	cps
Calcium	44-1	10478896	10435702	10418628	10444409	0.30	cps
Chromium	52-2	653724	652798	653957	653493	0.09	cps
Cobalt	59-2	1114158	1114488	1097430	1108692	0.88	cps
Copper	63-2	1592358	1605997	1600957	1599771	0.43	cps
Dysprosium	156-1	108	75	67	83	26.46	cps
Dysprosium	156-2	17	47	30	31	48.31	cps
Erbium	164-1	133	200	142	158	22.94	cps
Erbium	164-2	37	53	80	57	38.57	cps
Gadolinium	160-1	217	158	167	181	17.47	cps
Gadolinium	160-2	510	447	503	487	7.15	cps
Holmium	165-1	35073271	35449280	35046955	35189835	0.64	cps
Holmium	165-2	17645702	17708308	17630228	17661413	0.23	cps
Indium	115-1	28222004	28219550	28036521	28159358	0.38	cps
Indium	115-2	5565428	5642173	5538951	5582184	0.96	cps
Iron	56-2	28791610	28673462	28759635	28741569	0.21	cps
Iron	57-2	719977	717765	713536	717093	0.46	cps
Krypton	83-1	1277	1230	1150	1219	5.26	cps
Lead	206-1	1647726	1661453	1665819	1658332	0.57	cps
Lead	207-1	1471794	1474556	1476081	1474144	0.15	cps
Lead	208-1	6683866	6689118	6661244	6678076	0.22	cps
Lithium	6-1	8325173	8301892	8265394	8297486	0.36	cps
Magnesium	24-2	5878723	5929417	5895406	5901182	0.44	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:39:34	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	804053	810606	811951	808870	0.52	cps
Molybdenum	94-1	3814714	3809167	3807748	3810543	0.10	cps
Molybdenum	95-1	4691201	4663230	4677851	4677427	0.30	cps
Molybdenum	96-1	5141636	5161223	5163212	5155357	0.23	cps
Molybdenum	97-1	2908491	2898655	2883359	2896835	0.44	cps
Molybdenum	98-1	7394057	7461531	7357622	7404403	0.71	cps
Neodymium	150-1	207	160	187	184	12.69	cps
Neodymium	150-2	13	20	33	22	45.83	cps
Nickel	60-2	296897	299363	293694	296651	0.96	cps
Phosphorus	31-2	29488	28553	28662	28901	1.77	cps
Potassium	39-2	2454909	2462983	2483570	2467154	0.60	cps
Rhodium	103-1	26185512	26242454	25948341	26125435	0.60	cps
Rhodium	103-2	12863970	12911708	12870215	12881964	0.20	cps
Scandium	45-1	18780114	18952924	18864917	18865985	0.46	cps
Scandium	45-2	869264	873151	876795	873070	0.43	cps
Selenium	77-2	2307	2134	2134	2191	4.57	cps
Selenium	78-2	7343	7448	7156	7315	2.03	cps
Selenium	82-1	46738	46582	46443	46588	0.32	cps
Silicon	28-1	2359163	2388092	2384965	2377407	0.67	cps
Silver	109-1	2683799	2690799	2694389	2689662	0.20	cps
Silver	107-1	2806156	2825467	2801465	2811029	0.45	cps
Sodium	23-2	10457130	10548442	10572685	10526086	0.58	cps
Strontium	86-1	639031	635614	638486	637710	0.29	cps
Strontium	88-1	5619185	5547054	5553639	5573293	0.72	cps
Sulfur	34-1	1168776	1165196	1164228	1166067	0.21	cps
Terbium	159-1	36934714	37144699	36839376	36972929	0.42	cps
Terbium	159-2	17973683	18181693	18180065	18111814	0.66	cps
Thallium	203-1	2037481	2043468	2014546	2031832	0.75	cps
Thallium	205-1	4917976	4991397	4944932	4951435	0.75	cps
Thorium	232-1	6755012	6840830	6838088	6811310	0.72	cps
Tin	118-1	1667828	1647114	1641045	1651996	0.85	cps
Titanium	47-1	1457314	1460373	1445017	1454235	0.56	cps
Uranium	238-1	6602493	6658963	6633475	6631644	0.43	cps
Vanadium	51-2	502523	503646	499568	501912	0.42	cps
Yttrium	89-1	28602895	28465977	28438099	28502324	0.31	cps
Yttrium	89-2	4174652	4201425	4206103	4194060	0.40	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:39:34	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	247000	248706	244162	246623	0.93	cps
Zirconium	90-1	3172417	3147268	3146218	3155301	0.47	cps
Zirconium	91-1	703833	701238	699279	701450	0.33	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 16:43:44 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1251938	1242667	1246536	1247047	0.37	cps
Antimony	121-1	4141021	4165152	4213337	4173170	0.88	cps
Arsenic	75-1	1134834	1136190	1146356	1139127	0.55	cps
Barium	135-1	5475668	5496989	5630313	5534323	1.51	cps
Barium	137-1	9522334	9435399	9655514	9537749	1.16	cps
Beryllium	9-1	1278141	1261765	1286342	1275416	0.98	cps
Bismuth	209-1	24304038	24024077	24113109	24147075	0.59	cps
Bismuth	209-2	13338948	13247791	13267834	13284858	0.36	cps
Boron	10-1	290245	292256	297274	293258	1.23	cps
Boron	11-1	1346590	1383948	1389288	1373275	1.69	cps
Cadmium	111-1	1401963	1417846	1423840	1414550	0.80	cps
Cadmium	106-1	166705	168500	167354	167519	0.54	cps
Cadmium	108-1	108939	107479	107592	108003	0.75	cps
Calcium	43-1	1637608	1638743	1632901	1636417	0.19	cps
Calcium	44-1	26165351	25903553	25977711	26015538	0.52	cps
Chromium	52-2	1633831	1625531	1623424	1627595	0.34	cps
Cobalt	59-2	2770917	2770714	2757701	2766444	0.27	cps
Copper	63-2	3975617	3972375	4001406	3983133	0.40	cps
Dysprosium	156-1	75	125	92	97	26.19	cps
Dysprosium	156-2	57	113	107	92	33.58	cps
Erbium	164-1	117	217	150	161	31.61	cps
Erbium	164-2	73	57	57	62	15.46	cps
Gadolinium	160-1	267	258	250	258	3.23	cps
Gadolinium	160-2	500	490	530	507	4.11	cps
Holmium	165-1	35006274	34865237	35358040	35076517	0.72	cps
Holmium	165-2	17730552	17592048	17646101	17656234	0.40	cps
Indium	115-1	27132622	27484258	27329661	27315514	0.65	cps
Indium	115-2	5452407	5494813	5476882	5474701	0.39	cps
Iron	56-2	72095438	72231935	72502293	72276555	0.29	cps
Iron	57-2	1784971	1802101	1795212	1794095	0.48	cps
Krypton	83-1	1213	1137	1167	1172	3.30	cps
Lead	206-1	4119057	4123618	4155541	4132738	0.48	cps
Lead	207-1	3677254	3705625	3738607	3707162	0.83	cps
Lead	208-1	16533259	16586469	16713839	16611189	0.56	cps
Lithium	6-1	8115920	8073658	8091678	8093752	0.26	cps
Magnesium	24-2	14663693	14711098	14637619	14670803	0.25	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:43:44	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2039012	2030265	2029527	2032935	0.26	cps
Molybdenum	94-1	9408161	9394638	9495957	9432919	0.58	cps
Molybdenum	95-1	11627071	11627678	11745789	11666846	0.59	cps
Molybdenum	96-1	12812543	12798368	12852866	12821259	0.22	cps
Molybdenum	97-1	7193012	7149396	7162706	7168371	0.31	cps
Molybdenum	98-1	18679523	18542931	18507709	18576721	0.49	cps
Neodymium	150-1	547	613	533	564	7.59	cps
Neodymium	150-2	80	87	70	79	10.64	cps
Nickel	60-2	738382	737972	741051	739135	0.23	cps
Phosphorus	31-2	71605	71690	73238	72178	1.27	cps
Potassium	39-2	6064103	6069374	6077735	6070404	0.11	cps
Rhodium	103-1	25407402	25201151	25439383	25349312	0.51	cps
Rhodium	103-2	12528186	12450531	12541255	12506657	0.39	cps
Scandium	45-1	18503101	18399877	18327680	18410220	0.48	cps
Scandium	45-2	858757	860276	857862	858965	0.14	cps
Selenium	77-2	5421	5488	5491	5467	0.72	cps
Selenium	78-2	18123	18115	17531	17923	1.89	cps
Selenium	82-1	113194	113956	114248	113799	0.48	cps
Silicon	28-1	3867135	3907728	3970638	3915167	1.33	cps
Silver	109-1	6538793	6523458	6503091	6521781	0.27	cps
Silver	107-1	6852186	6886942	6840565	6859898	0.35	cps
Sodium	23-2	26300120	26226539	26224881	26250513	0.16	cps
Strontium	86-1	1564028	1562299	1590896	1572408	1.02	cps
Strontium	88-1	13599473	13447911	13767299	13604894	1.17	cps
Sulfur	34-1	1473509	1460407	1447876	1460597	0.88	cps
Terbium	159-1	36282159	36572376	36668418	36507651	0.55	cps
Terbium	159-2	17964509	18112975	17945691	18007725	0.51	cps
Thallium	203-1	5067954	5042369	5075196	5061840	0.34	cps
Thallium	205-1	12264793	12183655	12219115	12222521	0.33	cps
Thorium	232-1	17455802	17224079	17262380	17314087	0.72	cps
Tin	118-1	4044952	4085964	4121159	4084025	0.93	cps
Titanium	47-1	3588520	3605728	3585909	3593386	0.30	cps
Uranium	238-1	16859390	16766177	16730090	16785219	0.40	cps
Vanadium	51-2	1264343	1264902	1260842	1263362	0.17	cps
Yttrium	89-1	27857980	27751028	27898920	27835976	0.27	cps
Yttrium	89-2	4134561	4107663	4128234	4123486	0.34	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:43:44	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	610143	613393	615912	613149	0.47	cps
Zirconium	90-1	7845842	7786936	7738717	7790498	0.69	cps
Zirconium	91-1	1741438	1746541	1750988	1746322	0.27	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2502615	2480668	2509992	2497759	0.61	cps
Antimony	121-1	8204393	8338999	8307253	8283548	0.85	cps
Arsenic	75-1	2262044	2283339	2275555	2273646	0.47	cps
Barium	135-1	10928573	11041072	10988573	10986073	0.51	cps
Barium	137-1	19229479	19218897	19047847	19165407	0.53	cps
Beryllium	9-1	2517087	2507560	2496475	2507041	0.41	cps
Bismuth	209-1	23645790	23834983	23898571	23793115	0.55	cps
Bismuth	209-2	13137475	13006868	13147443	13097262	0.60	cps
Boron	10-1	571678	581472	585105	579419	1.20	cps
Boron	11-1	2703576	2741858	2756341	2733925	1.00	cps
Cadmium	111-1	2748821	2785979	2792090	2775630	0.84	cps
Cadmium	106-1	321057	319559	321538	320718	0.32	cps
Cadmium	108-1	212856	212906	213534	213099	0.18	cps
Calcium	43-1	3277710	3249542	3292068	3273107	0.66	cps
Calcium	44-1	51797451	51805949	52063292	51888897	0.29	cps
Chromium	52-2	3236843	3256278	3272610	3255244	0.55	cps
Cobalt	59-2	5439148	5512990	5519582	5490573	0.81	cps
Copper	63-2	7840495	7859667	7856384	7852182	0.13	cps
Dysprosium	156-1	283	333	267	294	11.78	cps
Dysprosium	156-2	207	167	177	183	11.35	cps
Erbium	164-1	150	142	183	158	13.92	cps
Erbium	164-2	43	47	50	47	7.15	cps
Gadolinium	160-1	275	258	317	283	10.60	cps
Gadolinium	160-2	413	480	493	462	9.27	cps
Holmium	165-1	35489466	35173597	35706807	35456623	0.76	cps
Holmium	165-2	17708325	17584756	17641603	17644894	0.35	cps
Indium	115-1	27056883	27063934	27333141	27151319	0.58	cps
Indium	115-2	5408701	5460066	5442099	5436955	0.48	cps
Iron	56-2	144275514	143592742	143997637	143955298	0.24	cps
Iron	57-2	3579542	3600847	3607664	3596018	0.41	cps
Krypton	83-1	1300	1173	1100	1191	8.49	cps
Lead	206-1	8098185	8148488	8246348	8164340	0.92	cps
Lead	207-1	7288946	7262820	7352429	7301398	0.63	cps
Lead	208-1	32948949	32841466	33065339	32951918	0.34	cps
Lithium	6-1	7949370	7947961	7954938	7950756	0.05	cps
Magnesium	24-2	29185718	29343457	29483981	29337719	0.51	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4043981	4076814	4094752	4071849	0.63	cps
Molybdenum	94-1	19063716	18943807	19051075	19019533	0.35	cps
Molybdenum	95-1	23263387	23385928	23435884	23361733	0.38	cps
Molybdenum	96-1	25667644	25835678	25709173	25737498	0.34	cps
Molybdenum	97-1	14402728	14357426	14484456	14414870	0.45	cps
Molybdenum	98-1	37161846	37381925	37232077	37258616	0.30	cps
Neodymium	150-1	967	1040	1167	1058	9.57	cps
Neodymium	150-2	113	103	100	106	6.58	cps
Nickel	60-2	1457255	1464883	1475599	1465912	0.63	cps
Phosphorus	31-2	142804	146758	144393	144651	1.38	cps
Potassium	39-2	12134288	12254714	12181984	12190329	0.50	cps
Rhodium	103-1	25049541	25241896	25150808	25147415	0.38	cps
Rhodium	103-2	12386224	12357439	12304841	12349501	0.33	cps
Scandium	45-1	18423900	18540518	18486619	18483679	0.32	cps
Scandium	45-2	859009	867018	873767	866598	0.85	cps
Selenium	77-2	10641	10687	10501	10610	0.92	cps
Selenium	78-2	35347	35556	35391	35431	0.31	cps
Selenium	82-1	224179	223887	226346	224804	0.60	cps
Silicon	28-1	7085842	7135592	7196942	7139458	0.78	cps
Silver	109-1	12901960	13045534	13000545	12982680	0.57	cps
Silver	107-1	13629473	13566383	13676173	13624010	0.40	cps
Sodium	23-2	52097781	52875640	52589325	52520915	0.75	cps
Strontium	86-1	3141894	3156395	3168979	3155756	0.43	cps
Strontium	88-1	27614606	27663349	27538000	27605318	0.23	cps
Sulfur	34-1	2036311	2022191	2019639	2026047	0.44	cps
Terbium	159-1	36607521	36553505	37065994	36742340	0.77	cps
Terbium	159-2	17969617	18073717	18050915	18031416	0.30	cps
Thallium	203-1	9976988	9936762	10036455	9983402	0.50	cps
Thallium	205-1	24226019	24050653	24483785	24253486	0.90	cps
Thorium	232-1	34924829	35383161	35188551	35165514	0.65	cps
Tin	118-1	8110762	8218836	8187374	8172324	0.68	cps
Titanium	47-1	7207144	7265662	7217272	7230026	0.43	cps
Uranium	238-1	33784259	33716256	34106968	33869161	0.62	cps
Vanadium	51-2	2545764	2545104	2568786	2553218	0.53	cps
Yttrium	89-1	28111166	28065235	28073821	28083408	0.09	cps
Yttrium	89-2	4138875	4104641	4137246	4126921	0.47	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:47:29	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1190737	1203005	1206135	1199959	0.68	cps
Zirconium	90-1	15685351	15711131	15826226	15740903	0.48	cps
Zirconium	91-1	3504066	3514404	3558124	3525531	0.81	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4937809	4963975	4992149	4964644	0.55	cps
Antimony	121-1	16278760	16160603	16287816	16242393	0.44	cps
Arsenic	75-1	4399858	4429406	4437242	4422169	0.45	cps
Barium	135-1	21863324	21652492	21835907	21783907	0.53	cps
Barium	137-1	38271145	38053832	37833986	38052988	0.57	cps
Beryllium	9-1	4801081	4780357	4748373	4776604	0.56	cps
Bismuth	209-1	23115493	23340695	23145216	23200468	0.53	cps
Bismuth	209-2	13038544	12735260	12740036	12837947	1.35	cps
Boron	10-1	1088832	1108741	1104942	1100838	0.96	cps
Boron	11-1	5181156	5275819	5324498	5260491	1.39	cps
Cadmium	111-1	5317719	5338109	5387470	5347766	0.67	cps
Cadmium	106-1	603445	601337	610410	605064	0.78	cps
Cadmium	108-1	408710	411962	410003	410225	0.40	cps
Calcium	43-1	6388624	6407432	6378486	6391514	0.23	cps
Calcium	44-1	102478156	101515961	101952300	101982139	0.47	cps
Chromium	52-2	6375466	6382767	6412214	6390149	0.30	cps
Cobalt	59-2	10662561	10682355	10731621	10692179	0.33	cps
Copper	63-2	15134606	15030640	15071756	15079000	0.35	cps
Dysprosium	156-1	400	575	583	520	19.93	cps
Dysprosium	156-2	310	357	350	339	7.45	cps
Erbium	164-1	125	217	275	206	36.79	cps
Erbium	164-2	73	90	140	101	34.31	cps
Gadolinium	160-1	400	408	350	386	8.17	cps
Gadolinium	160-2	507	497	470	491	3.86	cps
Holmium	165-1	35390595	35413115	35279316	35361009	0.20	cps
Holmium	165-2	18221458	17809162	17673577	17901399	1.59	cps
Indium	115-1	26836695	26910756	26771604	26839685	0.26	cps
Indium	115-2	5429321	5357671	5375756	5387583	0.69	cps
Iron	56-2	281312384	282753129	282069512	282045008	0.26	cps
Iron	57-2	7000192	7026585	7053683	7026820	0.38	cps
Krypton	83-1	1257	1293	1220	1257	2.92	cps
Lead	206-1	15786988	15804831	15679367	15757062	0.43	cps
Lead	207-1	14046278	14164986	14045475	14085580	0.49	cps
Lead	208-1	63661048	63807228	63683552	63717276	0.12	cps
Lithium	6-1	7818093	7798065	7776025	7797394	0.27	cps
Magnesium	24-2	57067535	56824712	57762595	57218280	0.85	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7909163	7958519	7980065	7949249	0.46	cps
Molybdenum	94-1	37362263	37649934	37886036	37632745	0.70	cps
Molybdenum	95-1	46182197	46378357	46492730	46351095	0.34	cps
Molybdenum	96-1	50706134	50685896	50934895	50775642	0.27	cps
Molybdenum	97-1	28490638	28545830	28670368	28568945	0.32	cps
Molybdenum	98-1	73938639	74307622	74618250	74288170	0.46	cps
Neodymium	150-1	2080	1987	2220	2096	5.61	cps
Neodymium	150-2	217	240	250	236	7.26	cps
Nickel	60-2	2792574	2779168	2794215	2788652	0.30	cps
Phosphorus	31-2	279136	278919	281357	279804	0.48	cps
Potassium	39-2	23978110	24059105	24253559	24096924	0.59	cps
Rhodium	103-1	24614365	24805215	24888997	24769526	0.57	cps
Rhodium	103-2	12484516	12228634	12200579	12304576	1.27	cps
Scandium	45-1	18627269	18394355	18680972	18567532	0.82	cps
Scandium	45-2	893039	875869	878885	882598	1.04	cps
Selenium	77-2	20762	20278	20638	20559	1.22	cps
Selenium	78-2	67512	68959	68548	68339	1.09	cps
Selenium	82-1	428202	430725	430499	429808	0.32	cps
Silicon	28-1	13510840	13670656	13823967	13668488	1.15	cps
Silver	109-1	25147536	24959552	24785689	24964259	0.72	cps
Silver	107-1	26049131	26232377	26401366	26227624	0.67	cps
Sodium	23-2	101534365	102791725	103355556	102560549	0.91	cps
Strontium	86-1	6230995	6250433	6214943	6232124	0.29	cps
Strontium	88-1	54247585	54178757	54117339	54181227	0.12	cps
Sulfur	34-1	3201834	3224176	3204610	3210207	0.38	cps
Terbium	159-1	36940657	36798201	37046257	36928372	0.34	cps
Terbium	159-2	18483703	18137260	18128090	18249684	1.11	cps
Thallium	203-1	19266774	19368570	19306773	19314039	0.27	cps
Thallium	205-1	46951530	47016755	46798538	46922274	0.24	cps
Thorium	232-1	68256767	68926482	68231232	68471494	0.58	cps
Tin	118-1	16061956	16031429	15927480	16006955	0.44	cps
Titanium	47-1	14250721	14312534	14377957	14313737	0.44	cps
Uranium	238-1	66226347	66208897	66039616	66158287	0.16	cps
Vanadium	51-2	5002539	5018998	5047511	5023016	0.45	cps
Yttrium	89-1	28095176	28219905	28098020	28137701	0.25	cps
Yttrium	89-2	4218877	4168727	4153131	4180245	0.82	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:51:16	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2255916	2278603	2273988	2269502	0.53	cps
Zirconium	90-1	31070062	31151753	31096463	31106093	0.13	cps
Zirconium	91-1	7020982	7016203	7036102	7024429	0.15	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:55:04	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9870135	9894360	9988523	9917673	0.63	cps
Antimony	121-1	31635669	31676659	31613603	31641977	0.10	cps
Arsenic	75-1	8741554	8842828	8802109	8795497	0.58	cps
Barium	135-1	43055987	43290869	43370137	43238998	0.38	cps
Barium	137-1	75297368	75802289	75010560	75370073	0.53	cps
Beryllium	9-1	9169370	9191489	9171935	9177598	0.13	cps
Bismuth	209-1	21677254	22110656	22187357	21991756	1.25	cps
Bismuth	209-2	12413683	11874190	12078156	12122010	2.25	cps
Boron	10-1	2117630	2149961	2140724	2136105	0.78	cps
Boron	11-1	10067704	10208885	10249461	10175350	0.94	cps
Cadmium	111-1	10408309	10380838	10410025	10399724	0.16	cps
Cadmium	106-1	1144843	1142050	1150804	1145899	0.39	cps
Cadmium	108-1	778935	776292	785015	780081	0.57	cps
Calcium	43-1	12800491	12840573	12889473	12843512	0.35	cps
Calcium	44-1	202062084	205910767	204118450	204030434	0.94	cps
Chromium	52-2	12661807	12625856	12660393	12649352	0.16	cps
Cobalt	59-2	20927260	20992796	21005689	20975248	0.20	cps
Copper	63-2	28906070	29107516	29128617	29047401	0.42	cps
Dysprosium	156-1	833	775	808	806	3.63	cps
Dysprosium	156-2	773	653	613	680	12.25	cps
Erbium	164-1	192	233	208	211	9.93	cps
Erbium	164-2	110	93	103	102	8.20	cps
Gadolinium	160-1	533	392	458	461	15.37	cps
Gadolinium	160-2	573	487	503	521	8.82	cps
Holmium	165-1	34245599	34444310	34810930	34500280	0.83	cps
Holmium	165-2	17953279	17320275	17447536	17573697	1.91	cps
Indium	115-1	25947630	25898106	25895400	25913712	0.11	cps
Indium	115-2	5322425	5028367	5122595	5157796	2.91	cps
Iron	56-2	554006846	560051424	557744235	557267501	0.55	cps
Iron	57-2	13864921	13943763	13968619	13925768	0.39	cps
Krypton	83-1	1203	1120	1247	1190	5.41	cps
Lead	206-1	30655562	30366719	30796758	30606346	0.72	cps
Lead	207-1	27407547	27436467	27204998	27349671	0.46	cps
Lead	208-1	123337419	123773810	123577268	123562832	0.18	cps
Lithium	6-1	7518063	7560590	7556746	7545133	0.31	cps
Magnesium	24-2	113258144	113433894	113826928	113506322	0.26	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 16:55:04 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15678191	15851087	15823774	15784351	0.59	cps
Molybdenum	94-1	74379427	74838741	75098316	74772161	0.49	cps
Molybdenum	95-1	91695756	92158129	92534271	92129385	0.46	cps
Molybdenum	96-1	101108831	101641254	101991423	101580503	0.44	cps
Molybdenum	97-1	56301112	57012622	57490108	56934614	1.05	cps
Molybdenum	98-1	146497045	147754778	149262787	147838203	0.94	cps
Neodymium	150-1	3527	3467	3647	3547	2.58	cps
Neodymium	150-2	377	327	400	368	10.19	cps
Nickel	60-2	5331453	5353975	5410763	5365397	0.76	cps
Phosphorus	31-2	554112	553974	560869	556318	0.71	cps
Potassium	39-2	48122533	48123697	47974592	48073607	0.18	cps
Rhodium	103-1	23697106	23669117	23782698	23716307	0.25	cps
Rhodium	103-2	12070561	11540355	11616126	11742347	2.44	cps
Scandium	45-1	18358401	18493796	18281463	18377887	0.58	cps
Scandium	45-2	889674	863460	868770	873968	1.59	cps
Selenium	77-2	38952	39805	38819	39192	1.36	cps
Selenium	78-2	131421	133519	131764	132234	0.85	cps
Selenium	82-1	819920	823869	826863	823550	0.42	cps
Silicon	28-1	25081408	25444259	25460179	25328615	0.85	cps
Silver	109-1	47620606	47434189	47937526	47664107	0.53	cps
Silver	107-1	50280749	50041521	50574903	50299058	0.53	cps
Sodium	23-2	203741105	206554163	204806609	205033959	0.69	cps
Strontium	86-1	12378822	12479368	12446399	12434863	0.41	cps
Strontium	88-1	107543677	108489902	108352119	108128566	0.47	cps
Sulfur	34-1	4488486	4524231	4477983	4496900	0.54	cps
Terbium	159-1	36146447	36012260	36319349	36159352	0.43	cps
Terbium	159-2	18210836	17655751	17818616	17895068	1.59	cps
Thallium	203-1	37296885	37639533	37997153	37644524	0.93	cps
Thallium	205-1	91342269	91761794	91703110	91602391	0.25	cps
Thorium	232-1	135110528	134852181	135456328	135139679	0.22	cps
Tin	118-1	31469323	31479311	31358443	31435692	0.21	cps
Titanium	47-1	28451671	28571274	28533158	28518701	0.21	cps
Uranium	238-1	130716257	129565424	130524511	130268731	0.47	cps
Vanadium	51-2	10155257	10141240	10121458	10139318	0.17	cps
Yttrium	89-1	27581105	27818766	27852075	27750648	0.53	cps
Yttrium	89-2	4170777	4046184	4069711	4095557	1.62	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:55:04	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4237668	4288674	4260543	4262295	0.60	cps
Zirconium	90-1	62166999	62127935	62405537	62233490	0.24	cps
Zirconium	91-1	13965132	14019968	14169108	14051403	0.75	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46891330	47268847	47194947	47118375	0.42	cps
Antimony	121-1	31152	31578	31052	31261	0.89	cps
Arsenic	75-1	8025	7822	8506	8117	4.33	cps
Barium	135-1	6902	6935	6610	6816	2.62	cps
Barium	137-1	11497	12181	11272	11650	4.06	cps
Beryllium	9-1	1207	1177	1133	1172	3.15	cps
Bismuth	209-1	16429603	16582831	16420066	16477500	0.55	cps
Bismuth	209-2	9604922	9661324	9721936	9662727	0.61	cps
Boron	10-1	43355	41775	37731	40954	7.08	cps
Boron	11-1	207071	191165	176338	191525	8.02	cps
Cadmium	111-1	8991	9024	8666	8894	2.23	cps
Cadmium	106-1	10955	10930	10730	10871	1.14	cps
Cadmium	108-1	146	175	171	164	9.63	cps
Calcium	43-1	60062214	59814224	59412301	59762913	0.55	cps
Calcium	44-1	956931421	950912921	951223221	953022521	0.36	cps
Chromium	52-2	99966	99275	97534	98925	1.27	cps
Cobalt	59-2	219397	219687	219421	219502	0.07	cps
Copper	63-2	33896	34421	33378	33898	1.54	cps
Dysprosium	156-1	308	367	342	339	8.64	cps
Dysprosium	156-2	153	140	157	150	5.88	cps
Erbium	164-1	125	142	225	164	32.69	cps
Erbium	164-2	93	83	103	93	10.72	cps
Gadolinium	160-1	458	483	475	472	2.69	cps
Gadolinium	160-2	583	510	543	546	6.73	cps
Holmium	165-1	30130636	30230753	30020208	30127199	0.35	cps
Holmium	165-2	16033072	15950780	15923419	15969090	0.36	cps
Indium	115-1	23460903	23513571	23280210	23418228	0.52	cps
Indium	115-2	4900389	4952199	5004854	4952481	1.05	cps
Iron	56-2	2478136233	2490448945	2488482722	2485689300	0.27	cps
Iron	57-2	61823154	61772792	61744833	61780260	0.06	cps
Krypton	83-1	1400	1370	1317	1362	3.10	cps
Lead	206-1	28264	26800	26939	27334	2.96	cps
Lead	207-1	22770	22508	21952	22410	1.86	cps
Lead	208-1	107593	103960	103041	104864	2.30	cps
Lithium	6-1	6548259	6565479	6461028	6524922	0.86	cps
Magnesium	24-2	475459227	485005228	485869194	482111216	1.20	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73319	73432	73546	73432	0.16	cps
Molybdenum	94-1	37233	36673	35662	36523	2.18	cps
Molybdenum	95-1	63199	64630	65216	64348	1.61	cps
Molybdenum	96-1	88164	87007	83973	86381	2.51	cps
Molybdenum	97-1	32722	31210	29749	31227	4.76	cps
Molybdenum	98-1	76070	72862	70475	73135	3.84	cps
Neodymium	150-1	647	460	733	613	22.78	cps
Neodymium	150-2	250	283	230	254	10.59	cps
Nickel	60-2	62405	62412	62239	62352	0.16	cps
Phosphorus	31-2	700	892	825	806	12.08	cps
Potassium	39-2	229822397	232908897	233517305	232082866	0.85	cps
Rhodium	103-1	19707569	19622016	19646065	19658550	0.22	cps
Rhodium	103-2	9791868	9865220	9932033	9863040	0.71	cps
Scandium	45-1	16835291	16834216	16780557	16816688	0.19	cps
Scandium	45-2	809237	819777	824516	817843	0.96	cps
Selenium	77-2	7	23	20	17	52.90	cps
Selenium	78-2	191	222	228	214	9.35	cps
Selenium	82-1	411	471	476	453	7.96	cps
Silicon	28-1	2322755	2388779	2408036	2373190	1.88	cps
Silver	109-1	5618	4843	4818	5093	8.93	cps
Silver	107-1	6293	5410	5251	5651	9.94	cps
Sodium	23-2	940703954	949699921	949615455	946673110	0.55	cps
Strontium	86-1	48073	47747	47873	47898	0.34	cps
Strontium	88-1	408619	409117	405801	407846	0.44	cps
Sulfur	34-1	775811	778184	781977	778657	0.40	cps
Terbium	159-1	31801904	31762529	31432135	31665523	0.64	cps
Terbium	159-2	16174201	16262105	16333616	16256641	0.49	cps
Thallium	203-1	8295	7436	7586	7772	5.90	cps
Thallium	205-1	20391	19248	18413	19351	5.13	cps
Thorium	232-1	24323	21891	19498	21904	11.01	cps
Tin	118-1	27536	26985	26760	27094	1.47	cps
Titanium	47-1	8536	9045	9303	8961	4.36	cps
Uranium	238-1	11489	11064	10071	10875	6.69	cps
Vanadium	51-2	2194	2090	1757	2014	11.34	cps
Yttrium	89-1	24957486	25002730	24964572	24974929	0.10	cps
Yttrium	89-2	3873265	3855492	3909567	3879441	0.71	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 16:58:59	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	30973	31046	31234	31084	0.43	cps
Zirconium	90-1	17820	17561	17745	17709	0.75	cps
Zirconium	91-1	4017	3984	4334	4112	4.70	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:31:36 DataFile Name : 017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258161	259305	260398	259288	0.43	cps
Antimony	121-1	6136089	6106673	6155398	6132720	0.40	cps
Arsenic	75-1	1682460	1713212	1702952	1699541	0.92	cps
Barium	135-1	823394	829470	828650	827172	0.40	cps
Barium	137-1	1431048	1441441	1446242	1439577	0.54	cps
Beryllium	9-1	883739	880856	885496	883364	0.27	cps
Bismuth	209-1	25530040	25385562	25323890	25413164	0.42	cps
Bismuth	209-2	14048841	14132614	14147169	14109541	0.38	cps
Boron	10-1	1122425	1151100	1161009	1144845	1.75	cps
Boron	11-1	5338365	5412808	5487292	5412821	1.38	cps
Cadmium	111-1	1100699	1111986	1123459	1112048	1.02	cps
Cadmium	106-1	232653	231661	234689	233001	0.66	cps
Cadmium	108-1	132521	133931	133753	133402	0.58	cps
Calcium	43-1	326266	323389	325987	325214	0.49	cps
Calcium	44-1	4825625	4759889	4708485	4764666	1.23	cps
Chromium	52-2	1207179	1194879	1200015	1200691	0.51	cps
Cobalt	59-2	2110325	2087867	2113761	2103984	0.67	cps
Copper	63-2	1519068	1517757	1532715	1523180	0.54	cps
Dysprosium	156-1	17	58	50	42	52.91	cps
Dysprosium	156-2	27	47	33	36	28.64	cps
Erbium	164-1	208	383	300	297	29.45	cps
Erbium	164-2	140	177	173	163	12.42	cps
Gadolinium	160-1	267	250	308	275	10.93	cps
Gadolinium	160-2	397	550	540	496	17.31	cps
Holmium	165-1	36258308	36296444	35951447	36168733	0.52	cps
Holmium	165-2	18409006	18470511	18584258	18487925	0.48	cps
Indium	115-1	28602229	28503122	28682338	28595896	0.31	cps
Indium	115-2	5805712	5807392	5826953	5813352	0.20	cps
Iron	56-2	11003847	10936922	11005155	10981975	0.36	cps
Iron	57-2	270995	269827	272887	271236	0.57	cps
Krypton	83-1	1237	1250	1277	1255	1.62	cps
Lead	206-1	6828847	6822187	6895671	6848902	0.59	cps
Lead	207-1	5901020	5990456	5923911	5938463	0.78	cps
Lead	208-1	27327247	27193871	27098141	27206420	0.42	cps
Lithium	6-1	8034987	8000761	7932644	7989464	0.65	cps
Magnesium	24-2	1254799	1250299	1254326	1253141	0.20	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:31:36	DataFile Name :	017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	758011	747607	756984	754201	0.76	cps
Molybdenum	94-1	37668666	37752590	37752266	37724508	0.13	cps
Molybdenum	95-1	45616472	45599422	45355490	45523794	0.32	cps
Molybdenum	96-1	50435034	50369793	50439078	50414635	0.08	cps
Molybdenum	97-1	28142281	28281377	28173354	28199004	0.26	cps
Molybdenum	98-1	72644600	73509039	73111000	73088213	0.59	cps
Neodymium	150-1	87	80	73	80	8.33	cps
Neodymium	150-2	10	13	17	13	25.01	cps
Nickel	60-2	563367	563055	567419	564614	0.43	cps
Phosphorus	31-2	550	533	475	519	7.58	cps
Potassium	39-2	1911559	1908030	1914139	1911243	0.16	cps
Rhodium	103-1	26993080	27088813	27068977	27050290	0.19	cps
Rhodium	103-2	13470846	13417753	13485922	13458174	0.27	cps
Scandium	45-1	19522233	19316031	19219483	19352582	0.80	cps
Scandium	45-2	911431	903204	916404	910347	0.73	cps
Selenium	77-2	8199	8036	7836	8023	2.27	cps
Selenium	78-2	27663	27751	27632	27682	0.22	cps
Selenium	82-1	169583	169934	170306	169941	0.21	cps
Silicon	28-1	874071	910237	941240	908516	3.70	cps
Silver	109-1	4922520	5004273	5005450	4977414	0.96	cps
Silver	107-1	5203010	5242192	5244713	5229972	0.45	cps
Sodium	23-2	3897889	3885071	3938546	3907169	0.71	cps
Strontium	86-1	6501789	6512077	6549916	6521261	0.39	cps
Strontium	88-1	56536291	56763505	57088493	56796096	0.49	cps
Sulfur	34-1	708287	693392	694111	698597	1.20	cps
Terbium	159-1	37631828	37576724	37861627	37690060	0.40	cps
Terbium	159-2	18896454	18855107	19022289	18924617	0.46	cps
Thallium	203-1	8109604	8098429	8103486	8103840	0.07	cps
Thallium	205-1	19682644	19411919	19691487	19595350	0.81	cps
Thorium	232-1	42247788	42434983	42019495	42234089	0.49	cps
Tin	118-1	16389333	16423448	16512902	16441894	0.39	cps
Titanium	47-1	13880738	13905176	13865982	13883965	0.14	cps
Uranium	238-1	67408837	67947364	67641452	67665884	0.40	cps
Vanadium	51-2	1037474	1036847	1038995	1037772	0.11	cps
Yttrium	89-1	29182141	29175887	29280030	29212686	0.20	cps
Yttrium	89-2	4385325	4391651	4404476	4393817	0.22	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:31:36	DataFile Name :	017ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	466620	466247	465903	466257	0.08	cps
Zirconium	90-1	32629929	32749863	32739798	32706530	0.20	cps
Zirconium	91-1	7385705	7421886	7337870	7381820	0.57	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:39:19 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	83	75	83	10.00	cps
Antimony	121-1	1208	958	1075	1081	11.58	cps
Arsenic	75-1	-2151	-1704	-1500	-1785	-18.66	cps
Barium	135-1	92	83	75	83	10.00	cps
Barium	137-1	100	67	133	100	33.33	cps
Beryllium	9-1	327	323	287	312	7.11	cps
Bismuth	209-1	24852500	24918335	25038345	24936393	0.38	cps
Bismuth	209-2	15636311	15298417	14132723	15022484	5.25	cps
Boron	10-1	22309	21249	21349	21636	2.70	cps
Boron	11-1	106013	99662	99109	101595	3.78	cps
Cadmium	111-1	7757	8183	7910	7950	2.71	cps
Cadmium	106-1	11021	11630	11188	11280	2.79	cps
Cadmium	108-1	42	54	13	36	59.21	cps
Calcium	43-1	292	300	225	272	15.10	cps
Calcium	44-1	27252	27478	27035	27255	0.81	cps
Chromium	52-2	3410	3444	3514	3456	1.53	cps
Cobalt	59-2	190	213	207	203	5.91	cps
Copper	63-2	2607	2557	2640	2601	1.61	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	3	20	11	75.52	cps
Erbium	164-1	50	183	142	125	54.57	cps
Erbium	164-2	47	87	47	60	38.49	cps
Gadolinium	160-1	242	183	192	206	15.35	cps
Gadolinium	160-2	480	530	560	523	7.72	cps
Holmium	165-1	35299444	35215747	35687660	35400950	0.71	cps
Holmium	165-2	20142229	20062666	18176001	19460299	5.72	cps
Indium	115-1	28444346	28502761	28733276	28560127	0.53	cps
Indium	115-2	6564349	6466676	5776231	6269085	6.85	cps
Iron	56-2	15598	16282	16042	15974	2.17	cps
Iron	57-2	256	283	300	280	8.03	cps
Krypton	83-1	1390	1210	1190	1263	8.72	cps
Lead	206-1	2117	2373	2306	2265	5.85	cps
Lead	207-1	2100	2022	2089	2071	2.03	cps
Lead	208-1	9491	9390	9585	9489	1.03	cps
Lithium	6-1	7987598	7925923	7978481	7964001	0.42	cps
Magnesium	24-2	275	325	250	283	13.48	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:39:19 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	117	97	104	10.26	cps
Molybdenum	94-1	2134	2559	2284	2325	9.27	cps
Molybdenum	95-1	2484	2184	2334	2334	6.43	cps
Molybdenum	96-1	2867	2725	3067	2887	5.95	cps
Molybdenum	97-1	1550	1417	1358	1442	6.82	cps
Molybdenum	98-1	3667	3892	3884	3815	3.34	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	250	190	210	217	14.10	cps
Phosphorus	31-2	442	458	533	478	10.22	cps
Potassium	39-2	44693	44409	44309	44470	0.45	cps
Rhodium	103-1	26397534	26662490	26918159	26659394	0.98	cps
Rhodium	103-2	14850175	14690935	13411229	14317446	5.51	cps
Scandium	45-1	19069426	19072017	19082211	19074551	0.04	cps
Scandium	45-2	987079	972720	886289	948696	5.75	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	178	176	144	166	11.28	cps
Selenium	82-1	-9	34	119	48	134.26	cps
Silicon	28-1	616747	608409	615918	613691	0.75	cps
Silver	109-1	575	600	542	572	5.11	cps
Silver	107-1	717	717	675	703	3.42	cps
Sodium	23-2	57394	57260	58874	57843	1.55	cps
Strontium	86-1	2175	2134	2200	2170	1.55	cps
Strontium	88-1	1709	1984	1717	1803	8.68	cps
Sulfur	34-1	790569	799596	799776	796647	0.66	cps
Terbium	159-1	36961564	36794479	37145384	36967142	0.47	cps
Terbium	159-2	20779733	20421255	18695238	19965409	5.58	cps
Thallium	203-1	2417	2392	2542	2450	3.28	cps
Thallium	205-1	6469	6093	5943	6168	4.39	cps
Thorium	232-1	6502	6113	5735	6116	6.27	cps
Tin	118-1	3417	3617	3526	3520	2.85	cps
Titanium	47-1	733	492	642	622	19.61	cps
Uranium	238-1	1967	2200	2234	2134	6.81	cps
Vanadium	51-2	50	47	53	50	6.66	cps
Yttrium	89-1	28883044	28896070	28980922	28920012	0.18	cps
Yttrium	89-2	4808522	4700970	4313650	4607714	5.65	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:39:19	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	813	810	833	819	1.54	cps
Zirconium	90-1	2742	2859	3117	2906	6.61	cps
Zirconium	91-1	558	683	642	628	10.14	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:42:56 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43856754	44231353	42873738	43653949	1.61	cps
Antimony	121-1	33065	33290	33115	33157	0.36	cps
Arsenic	75-1	12670	12371	13168	12736	3.16	cps
Barium	135-1	12197	12690	12231	12373	2.22	cps
Barium	137-1	20875	21543	20808	21075	1.93	cps
Beryllium	9-1	2480	2597	2674	2584	3.77	cps
Bismuth	209-1	21312952	21124633	21259312	21232299	0.46	cps
Bismuth	209-2	11551610	11201148	11629679	11460812	1.99	cps
Boron	10-1	17544	17386	16401	17110	3.62	cps
Boron	11-1	83499	80164	81052	81572	2.12	cps
Cadmium	111-1	14055	13686	13905	13882	1.34	cps
Cadmium	106-1	10596	11163	10713	10824	2.77	cps
Cadmium	108-1	12756	12844	12860	12820	0.44	cps
Calcium	43-1	12041272	12109419	12215666	12122119	0.73	cps
Calcium	44-1	193146208	193761009	193681354	193529524	0.17	cps
Chromium	52-2	307638	306434	301290	305121	1.10	cps
Cobalt	59-2	23405	24307	23866	23860	1.89	cps
Copper	63-2	110762	111638	110832	111078	0.44	cps
Dysprosium	156-1	175	158	142	158	10.53	cps
Dysprosium	156-2	57	70	97	74	27.36	cps
Erbium	164-1	233	217	275	242	12.43	cps
Erbium	164-2	100	110	97	102	6.79	cps
Gadolinium	160-1	400	250	342	331	22.88	cps
Gadolinium	160-2	497	500	450	482	5.80	cps
Holmium	165-1	34569973	34419006	34590311	34526430	0.27	cps
Holmium	165-2	17130204	16372981	17246158	16916448	2.80	cps
Indium	115-1	26213908	26241549	26345058	26266838	0.26	cps
Indium	115-2	5134900	4927843	5184593	5082445	2.68	cps
Iron	56-2	1067382668	1060466690	1046243357	1058030905	1.02	cps
Iron	57-2	26521638	26384531	26138126	26348099	0.74	cps
Krypton	83-1	1247	1263	1230	1247	1.34	cps
Lead	206-1	144201	141134	140704	142013	1.34	cps
Lead	207-1	116091	113117	113364	114190	1.45	cps
Lead	208-1	542340	531912	534576	536276	1.01	cps
Lithium	6-1	7534993	7512885	7491315	7513064	0.29	cps
Magnesium	24-2	103434254	104055442	102522136	103337277	0.75	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:42:56 DataFile Name : 020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	59095	58188	58650	58644	0.77	cps
Molybdenum	94-1	19190779	19144231	19190837	19175282	0.14	cps
Molybdenum	95-1	33971386	33942235	34147126	34020249	0.33	cps
Molybdenum	96-1	36194252	35897950	36010376	36034192	0.42	cps
Molybdenum	97-1	21036263	20864887	21028692	20976614	0.46	cps
Molybdenum	98-1	54398020	54071489	54934107	54467872	0.80	cps
Neodymium	150-1	187	167	167	173	6.66	cps
Neodymium	150-2	57	40	53	50	17.64	cps
Nickel	60-2	28067	28715	27763	28182	1.73	cps
Phosphorus	31-2	2565079	2587379	2524045	2558834	1.26	cps
Potassium	39-2	92398350	93279825	91776844	92485006	0.82	cps
Rhodium	103-1	23457359	23638811	23841315	23645829	0.81	cps
Rhodium	103-2	11649548	11211139	11651173	11503953	2.20	cps
Scandium	45-1	18304233	18340982	18453232	18366149	0.42	cps
Scandium	45-2	852044	821726	856451	843407	2.24	cps
Selenium	77-2	3	10	20	11	75.52	cps
Selenium	78-2	150	167	176	164	8.00	cps
Selenium	82-1	130	145	156	144	9.26	cps
Silicon	28-1	1280394	1282044	1304990	1289143	1.07	cps
Silver	109-1	2750	3084	2975	2937	5.79	cps
Silver	107-1	2925	3276	2950	3050	6.40	cps
Sodium	23-2	196097746	199112913	194479496	196563385	1.20	cps
Strontium	86-1	395202	392655	398139	395332	0.69	cps
Strontium	88-1	3397265	3416335	3439490	3417697	0.62	cps
Sulfur	34-1	18322857	18374961	18540670	18412829	0.62	cps
Terbium	159-1	35591525	35840228	36127704	35853152	0.75	cps
Terbium	159-2	17528623	16810766	17600222	17313204	2.52	cps
Thallium	203-1	5510	6135	6994	6213	11.99	cps
Thallium	205-1	12849	15117	16010	14659	11.12	cps
Thorium	232-1	5179	5129	5374	5227	2.47	cps
Tin	118-1	7194	7369	6969	7177	2.80	cps
Titanium	47-1	10950156	10994076	11009691	10984641	0.28	cps
Uranium	238-1	3567	3701	3584	3617	2.01	cps
Vanadium	51-2	1703	1553	1767	1675	6.54	cps
Yttrium	89-1	27557369	27834460	27899362	27763730	0.65	cps
Yttrium	89-2	4024100	3880698	4042333	3982377	2.22	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:42:56	DataFile Name :	020ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	23766	23846	23272	23628	1.32	cps
Zirconium	90-1	4343	4217	4251	4270	1.52	cps
Zirconium	91-1	1008	892	992	964	6.55	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43749949	43994306	44698124	44147460	1.12	cps
Antimony	121-1	612065	626085	628364	622172	1.42	cps
Arsenic	75-1	166088	173139	172993	170740	2.36	cps
Barium	135-1	173799	175859	178043	175900	1.21	cps
Barium	137-1	300236	302234	303657	302042	0.57	cps
Beryllium	9-1	167960	169331	170063	169118	0.63	cps
Bismuth	209-1	21149811	21478608	21280406	21302942	0.78	cps
Bismuth	209-2	11721700	11666614	11669314	11685876	0.27	cps
Boron	10-1	126285	126812	131066	128054	2.05	cps
Boron	11-1	591596	616452	618862	608970	2.48	cps
Cadmium	111-1	207014	208222	209549	208262	0.61	cps
Cadmium	106-1	39615	40476	40801	40297	1.52	cps
Cadmium	108-1	30487	30838	30421	30582	0.73	cps
Calcium	43-1	12340290	12496693	12553054	12463346	0.88	cps
Calcium	44-1	198031042	199701667	200493429	199408713	0.63	cps
Chromium	52-2	531564	530208	532464	531412	0.21	cps
Cobalt	59-2	419887	422096	422235	421406	0.31	cps
Copper	63-2	392886	392970	392826	392894	0.02	cps
Dysprosium	156-1	158	200	192	183	12.03	cps
Dysprosium	156-2	103	100	90	98	7.10	cps
Erbium	164-1	267	133	217	206	32.77	cps
Erbium	164-2	93	107	93	98	7.87	cps
Gadolinium	160-1	300	467	425	397	21.84	cps
Gadolinium	160-2	417	507	410	444	12.15	cps
Holmium	165-1	34417130	34773098	35161080	34783769	1.07	cps
Holmium	165-2	17390182	17265998	17351291	17335823	0.37	cps
Indium	115-1	26551897	27183770	26835695	26857121	1.18	cps
Indium	115-2	5175447	5222776	5265296	5221173	0.86	cps
Iron	56-2	1077042869	1065821690	1078368357	1073744305	0.64	cps
Iron	57-2	26592799	26744299	26828329	26721809	0.45	cps
Krypton	83-1	1280	1253	1340	1291	3.44	cps
Lead	206-1	716121	714913	718439	716491	0.25	cps
Lead	207-1	585004	584572	586014	585197	0.13	cps
Lead	208-1	2729055	2744673	2732149	2735292	0.30	cps
Lithium	6-1	7476879	7546798	7511077	7511585	0.47	cps
Magnesium	24-2	104589790	104730738	105626667	104982398	0.54	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	206633	206001	206656	206430	0.18	cps
Molybdenum	94-1	21328949	21466600	21341787	21379112	0.36	cps
Molybdenum	95-1	35609311	35874659	35679075	35721015	0.39	cps
Molybdenum	96-1	37885749	38243952	38412130	38180610	0.70	cps
Molybdenum	97-1	22027731	22015113	22377303	22140049	0.93	cps
Molybdenum	98-1	57326576	57101241	57920645	57449487	0.74	cps
Neodymium	150-1	193	213	193	200	5.77	cps
Neodymium	150-2	77	43	63	61	27.46	cps
Nickel	60-2	129836	131557	133740	131711	1.49	cps
Phosphorus	31-2	2563961	2595801	2613793	2591185	0.97	cps
Potassium	39-2	93324583	93760542	95491123	94192083	1.22	cps
Rhodium	103-1	23881307	24067898	24260294	24069833	0.79	cps
Rhodium	103-2	11863935	11889101	11905997	11886344	0.18	cps
Scandium	45-1	18551482	19020351	18857116	18809649	1.27	cps
Scandium	45-2	877178	876794	888384	880785	0.75	cps
Selenium	77-2	803	767	687	752	7.93	cps
Selenium	78-2	2587	2548	2767	2634	4.43	cps
Selenium	82-1	15530	15582	15745	15619	0.72	cps
Silicon	28-1	2802283	2874623	2874375	2850427	1.46	cps
Silver	109-1	859777	865472	872613	865954	0.74	cps
Silver	107-1	900279	911218	913071	908190	0.76	cps
Sodium	23-2	198451479	199909954	202007109	200122848	0.89	cps
Strontium	86-1	1044684	1060093	1066631	1057136	1.07	cps
Strontium	88-1	9320445	9395267	9400672	9372128	0.48	cps
Sulfur	34-1	18676266	19071144	19085492	18944300	1.23	cps
Terbium	159-1	35856047	36408846	36420820	36228571	0.89	cps
Terbium	159-2	17678357	17662937	17686024	17675773	0.07	cps
Thallium	203-1	697994	712807	720649	710484	1.62	cps
Thallium	205-1	1697046	1737074	1736476	1723532	1.33	cps
Thorium	232-1	56550	57934	57823	57436	1.34	cps
Tin	118-1	1618335	1627615	1617917	1621289	0.34	cps
Titanium	47-1	11329747	11590646	11594351	11504915	1.32	cps
Uranium	238-1	6691198	6631782	6707113	6676698	0.59	cps
Vanadium	51-2	188207	189578	191366	189717	0.84	cps
Yttrium	89-1	28014905	28650320	28547582	28404269	1.20	cps
Yttrium	89-2	4114302	4107486	4135323	4119037	0.35	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:46:39	DataFile Name :	021ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66698	66005	66641	66448	0.58	cps
Zirconium	90-1	3303358	3360081	3373635	3345691	1.11	cps
Zirconium	91-1	733597	750702	745608	743302	1.18	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26885859	27353650	27279339	27172949	0.93	cps
Antimony	121-1	15501989	15602073	15507595	15537219	0.36	cps
Arsenic	75-1	4131978	4151604	4151520	4145034	0.27	cps
Barium	135-1	21769903	21827406	21571639	21722982	0.62	cps
Barium	137-1	38104719	37761763	37406444	37757642	0.92	cps
Beryllium	9-1	4432541	4443441	4420967	4432316	0.25	cps
Bismuth	209-1	19703433	19644554	19594023	19647337	0.28	cps
Bismuth	209-2	11033529	11032129	11055928	11040529	0.12	cps
Boron	10-1	1007373	1039304	1039013	1028563	1.78	cps
Boron	11-1	4859483	5029312	4982672	4957156	1.77	cps
Cadmium	111-1	4829227	4866382	4875942	4857184	0.51	cps
Cadmium	106-1	559848	567705	569254	565602	0.89	cps
Cadmium	108-1	376796	378175	374966	376646	0.43	cps
Calcium	43-1	32892700	32509834	32579661	32660732	0.62	cps
Calcium	44-1	523806045	518344895	521991612	521380851	0.53	cps
Chromium	52-2	6582843	6569237	6597895	6583325	0.22	cps
Cobalt	59-2	10673355	10722374	10787902	10727877	0.54	cps
Copper	63-2	14796114	14779344	14854473	14809977	0.27	cps
Dysprosium	156-1	508	442	542	497	10.24	cps
Dysprosium	156-2	403	420	387	403	4.13	cps
Erbium	164-1	217	275	217	236	14.26	cps
Erbium	164-2	77	57	113	82	34.95	cps
Gadolinium	160-1	425	483	442	450	6.68	cps
Gadolinium	160-2	503	560	607	557	9.30	cps
Holmium	165-1	34186873	34017784	33892656	34032438	0.43	cps
Holmium	165-2	17173010	17271706	17455273	17299996	0.83	cps
Indium	115-1	26216317	26138004	26042566	26132296	0.33	cps
Indium	115-2	5231834	5177089	5263637	5224187	0.84	cps
Iron	56-2	1395290298	1391673231	1407156565	1398040031	0.58	cps
Iron	57-2	34701933	34818809	35059439	34860060	0.52	cps
Krypton	83-1	1323	1340	1260	1308	3.23	cps
Lead	206-1	14304378	14206228	14407531	14306046	0.70	cps
Lead	207-1	12782646	12625856	12640600	12683034	0.68	cps
Lead	208-1	57772782	57154989	57208227	57378666	0.60	cps
Lithium	6-1	7324801	7367499	7375013	7355771	0.37	cps
Magnesium	24-2	278665573	279283540	282331556	280093556	0.70	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8101385	8162090	8170957	8144811	0.46	cps
Molybdenum	94-1	38593308	38845831	38828309	38755816	0.36	cps
Molybdenum	95-1	47506619	47630749	47536941	47558103	0.14	cps
Molybdenum	96-1	52443241	52566454	52319316	52443004	0.24	cps
Molybdenum	97-1	29495019	29493506	29432004	29473510	0.12	cps
Molybdenum	98-1	76542414	76356577	76293591	76397527	0.17	cps
Neodymium	150-1	2207	2140	2414	2254	6.32	cps
Neodymium	150-2	343	310	347	333	6.08	cps
Nickel	60-2	2650499	2651973	2680139	2660870	0.63	cps
Phosphorus	31-2	283491	283219	285084	283931	0.35	cps
Potassium	39-2	128187490	128750907	130857307	129265235	1.09	cps
Rhodium	103-1	23268893	23290410	23276987	23278764	0.05	cps
Rhodium	103-2	11371809	11316014	11469352	11385725	0.68	cps
Scandium	45-1	19080525	19032111	18894220	19002285	0.51	cps
Scandium	45-2	900178	886798	903489	896822	0.99	cps
Selenium	77-2	18989	19130	18893	19004	0.63	cps
Selenium	78-2	63804	63551	64081	63812	0.42	cps
Selenium	82-1	388576	391941	391012	390510	0.44	cps
Silicon	28-1	14426777	14667219	14805495	14633164	1.31	cps
Silver	109-1	22892520	22667967	22727101	22762529	0.51	cps
Silver	107-1	23819851	24011929	23996282	23942687	0.45	cps
Sodium	23-2	517427795	512866595	518646778	516313723	0.59	cps
Strontium	86-1	6453105	6439900	6467261	6453422	0.21	cps
Strontium	88-1	56242439	56064014	56777308	56361253	0.66	cps
Sulfur	34-1	3353778	3298564	3312222	3321521	0.87	cps
Terbium	159-1	35475585	35525622	35599675	35533628	0.18	cps
Terbium	159-2	17614317	17601407	17609543	17608422	0.04	cps
Thallium	203-1	17766836	17800596	17739454	17768962	0.17	cps
Thallium	205-1	42934941	42852390	43499811	43095714	0.82	cps
Thorium	232-1	64394208	64449965	63384311	64076162	0.94	cps
Tin	118-1	15663118	15841694	15613524	15706112	0.76	cps
Titanium	47-1	14951238	14906921	14950955	14936372	0.17	cps
Uranium	238-1	61578341	61855412	61122508	61518753	0.60	cps
Vanadium	51-2	5300923	5311037	5321268	5311076	0.19	cps
Yttrium	89-1	28327977	28091029	28553320	28324109	0.82	cps
Yttrium	89-2	4163074	4173799	4226983	4187952	0.82	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV84	Instrumnet Name :	P7
Client Sample ID :	CCV84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:50:22	DataFile Name :	022CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2222913	2217892	2231308	2224038	0.30	cps
Zirconium	90-1	32309249	32199754	32375467	32294823	0.27	cps
Zirconium	91-1	7304879	7308886	7297372	7303712	0.08	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : CCB84 Instrumnet Name : P7
 Client Sample ID : CCB84 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 17:55:06 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2242	2275	2142	2220	3.13	cps
Antimony	121-1	3409	3426	3384	3406	0.62	cps
Arsenic	75-1	-1451	-1317	-1340	-1370	-5.22	cps
Barium	135-1	475	533	367	458	18.45	cps
Barium	137-1	1017	900	825	914	10.57	cps
Beryllium	9-1	557	463	463	494	10.90	cps
Bismuth	209-1	25573350	25122783	25212975	25303036	0.94	cps
Bismuth	209-2	14191107	13949228	14042312	14060882	0.87	cps
Boron	10-1	23310	21792	21157	22086	5.01	cps
Boron	11-1	112039	107104	98630	105925	6.40	cps
Cadmium	111-1	8964	8995	8977	8979	0.18	cps
Cadmium	106-1	12348	12489	12431	12423	0.57	cps
Cadmium	108-1	42	38	42	40	5.98	cps
Calcium	43-1	1725	1408	1383	1506	12.65	cps
Calcium	44-1	50379	48364	47696	48813	2.86	cps
Chromium	52-2	3887	3834	3941	3887	1.37	cps
Cobalt	59-2	343	250	297	297	15.73	cps
Copper	63-2	5591	5271	5314	5392	3.22	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	125	108	117	117	7.14	cps
Erbium	164-2	90	43	50	61	41.30	cps
Gadolinium	160-1	208	250	275	244	13.78	cps
Gadolinium	160-2	417	453	537	469	13.12	cps
Holmium	165-1	37117645	36758610	36722476	36866244	0.59	cps
Holmium	165-2	18550396	18439717	18445543	18478552	0.34	cps
Indium	115-1	30037161	30178255	29967410	30060942	0.36	cps
Indium	115-2	5957245	5879768	5881621	5906211	0.75	cps
Iron	56-2	78800	76706	77247	77585	1.40	cps
Iron	57-2	1911	1795	1950	1885	4.29	cps
Krypton	83-1	1230	1283	1340	1285	4.28	cps
Lead	206-1	3539	3351	3395	3428	2.88	cps
Lead	207-1	3284	3078	3067	3143	3.88	cps
Lead	208-1	14220	13436	13636	13764	2.96	cps
Lithium	6-1	8274606	8206050	8111532	8197396	1.00	cps
Magnesium	24-2	8303	7427	7694	7808	5.75	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:55:06	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	190	200	190	5.27	cps
Molybdenum	94-1	4976	4342	3784	4368	13.66	cps
Molybdenum	95-1	6343	5418	4843	5535	13.68	cps
Molybdenum	96-1	7069	6035	5618	6241	11.97	cps
Molybdenum	97-1	3784	3401	3125	3437	9.62	cps
Molybdenum	98-1	10296	9003	7702	9000	14.41	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	270	290	227	262	12.35	cps
Phosphorus	31-2	525	533	692	583	16.10	cps
Potassium	39-2	71146	69698	70937	70593	1.11	cps
Rhodium	103-1	28385386	27950094	28008288	28114590	0.84	cps
Rhodium	103-2	13931999	13806096	13846024	13861373	0.46	cps
Scandium	45-1	20432359	20257920	20155125	20281802	0.69	cps
Scandium	45-2	928994	927339	930011	928781	0.15	cps
Selenium	77-2	3	3	7	4	43.40	cps
Selenium	78-2	181	169	180	177	3.97	cps
Selenium	82-1	140	90	20	83	72.10	cps
Silicon	28-1	706756	688378	687569	694234	1.56	cps
Silver	109-1	2409	2467	2067	2314	9.34	cps
Silver	107-1	2575	2484	2517	2525	1.84	cps
Sodium	23-2	110027	110951	107911	109629	1.42	cps
Strontium	86-1	2150	2309	2325	2261	4.27	cps
Strontium	88-1	2184	1684	1700	1856	15.31	cps
Sulfur	34-1	843481	849145	849025	847217	0.38	cps
Terbium	159-1	38674351	38020126	37873262	38189246	1.12	cps
Terbium	159-2	18837842	18817153	18677258	18777418	0.47	cps
Thallium	203-1	5426	4751	5226	5135	6.76	cps
Thallium	205-1	12081	11631	11180	11631	3.87	cps
Thorium	232-1	5001	4846	4145	4664	9.78	cps
Tin	118-1	3995	3401	3234	3543	11.29	cps
Titanium	47-1	1325	983	1108	1139	15.18	cps
Uranium	238-1	1825	1725	1458	1670	11.35	cps
Vanadium	51-2	83	63	57	68	20.47	cps
Yttrium	89-1	30825990	30472213	30340335	30546179	0.82	cps
Yttrium	89-2	4475534	4443402	4426534	4448490	0.56	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB84	Instrumnet Name :	P7
Client Sample ID :	CCB84	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:55:06	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	850	873	857	860	1.40	cps
Zirconium	90-1	3284	3159	2875	3106	6.74	cps
Zirconium	91-1	642	708	525	625	14.85	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11605	11455	10946	11335	3.05	cps
Antimony	121-1	64348	65143	65445	64979	0.87	cps
Arsenic	75-1	7591	6953	7440	7328	4.55	cps
Barium	135-1	88112	87524	89019	88218	0.85	cps
Barium	137-1	153634	154065	151813	153171	0.78	cps
Beryllium	9-1	10000	9967	9680	9882	1.78	cps
Bismuth	209-1	25536510	25544810	25525711	25535677	0.04	cps
Bismuth	209-2	14135881	14144121	14000628	14093543	0.57	cps
Boron	10-1	68565	67611	70339	68838	2.01	cps
Boron	11-1	321865	323911	327247	324341	0.84	cps
Cadmium	111-1	19907	20955	20035	20299	2.82	cps
Cadmium	106-1	13807	14625	13724	14052	3.54	cps
Cadmium	108-1	792	892	842	842	5.94	cps
Calcium	43-1	65445	66634	66350	66143	0.94	cps
Calcium	44-1	1083149	1090646	1086181	1086659	0.35	cps
Chromium	52-2	29580	29540	29743	29621	0.36	cps
Cobalt	59-2	21803	22180	22477	22154	1.53	cps
Copper	63-2	37170	36796	36820	36929	0.57	cps
Dysprosium	156-1	33	17	0	17	99.99	cps
Dysprosium	156-2	7	13	20	13	49.99	cps
Erbium	164-1	117	75	92	94	22.21	cps
Erbium	164-2	33	63	50	49	30.75	cps
Gadolinium	160-1	342	217	192	250	32.15	cps
Gadolinium	160-2	447	427	453	442	3.14	cps
Holmium	165-1	36936465	36721385	36622679	36760177	0.44	cps
Holmium	165-2	18615377	18520988	18275645	18470670	0.95	cps
Indium	115-1	30274109	30156846	29955901	30128952	0.53	cps
Indium	115-2	5916333	5929978	5886807	5911040	0.37	cps
Iron	56-2	690092	691660	685050	688934	0.50	cps
Iron	57-2	17405	17199	16710	17105	2.09	cps
Krypton	83-1	1330	1247	1327	1301	3.63	cps
Lead	206-1	32345	33894	33136	33125	2.34	cps
Lead	207-1	29021	29778	28915	29238	1.61	cps
Lead	208-1	131082	135259	133164	133168	1.57	cps
Lithium	6-1	8333571	8384816	8284695	8334361	0.60	cps
Magnesium	24-2	568205	573501	567301	569669	0.59	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8736	8479	8786	8667	1.90	cps
Molybdenum	94-1	77585	79655	79211	78817	1.38	cps
Molybdenum	95-1	96911	96560	99362	97611	1.56	cps
Molybdenum	96-1	107108	107218	106924	107083	0.14	cps
Molybdenum	97-1	61215	60178	60295	60563	0.94	cps
Molybdenum	98-1	157763	155659	154976	156132	0.93	cps
Neodymium	150-1	13	20	20	18	21.66	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	6692	6885	6835	6804	1.48	cps
Phosphorus	31-2	2300	2092	1900	2097	9.54	cps
Potassium	39-2	545175	543541	541013	543243	0.39	cps
Rhodium	103-1	28452377	28514585	28147420	28371461	0.69	cps
Rhodium	103-2	13891604	13827037	13777347	13831996	0.41	cps
Scandium	45-1	20437351	20473164	20288008	20399508	0.48	cps
Scandium	45-2	929712	936182	920641	928845	0.84	cps
Selenium	77-2	203	193	200	199	2.56	cps
Selenium	78-2	969	913	917	933	3.33	cps
Selenium	82-1	4756	4903	4762	4807	1.72	cps
Silicon	28-1	961773	964193	965227	963731	0.18	cps
Silver	109-1	58170	57275	58330	57925	0.98	cps
Silver	107-1	59811	60062	61594	60489	1.60	cps
Sodium	23-2	1109359	1123900	1104074	1112444	0.92	cps
Strontium	86-1	14717	14633	13924	14425	3.02	cps
Strontium	88-1	108735	111304	107770	109270	1.67	cps
Sulfur	34-1	884374	885575	897322	889090	0.80	cps
Terbium	159-1	38582020	39048663	38446810	38692498	0.82	cps
Terbium	159-2	18993067	18909077	18774450	18892198	0.58	cps
Thallium	203-1	41148	40680	40554	40794	0.77	cps
Thallium	205-1	98102	98984	98875	98654	0.49	cps
Thorium	232-1	122402	122650	124411	123154	0.89	cps
Tin	118-1	165699	165902	162756	164786	1.07	cps
Titanium	47-1	31777	30115	30733	30875	2.72	cps
Uranium	238-1	116601	118199	117036	117279	0.70	cps
Vanadium	51-2	53125	51188	52226	52180	1.86	cps
Yttrium	89-1	30848980	30734728	30722162	30768623	0.23	cps
Yttrium	89-2	4474131	4473527	4409364	4452341	0.84	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 17:58:42	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5788	5955	5748	5830	1.88	cps
Zirconium	90-1	65476	65384	64178	65013	1.11	cps
Zirconium	91-1	14007	14191	14483	14227	1.69	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	423903	415702	421343	420316	1.00	cps
Antimony	121-1	1151126	1165277	1166201	1160868	0.73	cps
Arsenic	75-1	282452	284559	278700	281904	1.05	cps
Barium	135-1	5909831	5960792	5927558	5932727	0.44	cps
Barium	137-1	10350617	10398062	10417194	10388625	0.33	cps
Beryllium	9-1	79379	78445	78988	78937	0.59	cps
Bismuth	209-1	25328349	25393148	25111723	25277740	0.58	cps
Bismuth	209-2	14138075	14121476	13978039	14079196	0.63	cps
Boron	10-1	3746263	3812381	3833976	3797540	1.20	cps
Boron	11-1	17664257	18106180	18251756	18007398	1.70	cps
Cadmium	111-1	520115	519447	521900	520487	0.24	cps
Cadmium	106-1	59032	56923	57794	57916	1.83	cps
Cadmium	108-1	34008	34688	35089	34595	1.58	cps
Calcium	43-1	1383	1200	925	1170	19.73	cps
Calcium	44-1	47144	44687	43165	44999	4.46	cps
Chromium	52-2	1997950	1981579	1983234	1987587	0.45	cps
Cobalt	59-2	563	480	527	523	7.98	cps
Copper	63-2	24295119	24269858	24218504	24261160	0.16	cps
Dysprosium	156-1	67	142	92	100	38.19	cps
Dysprosium	156-2	97	87	80	88	9.56	cps
Erbium	164-1	150	50	133	111	48.22	cps
Erbium	164-2	57	67	37	53	28.64	cps
Gadolinium	160-1	167	233	292	231	27.13	cps
Gadolinium	160-2	447	480	400	442	9.09	cps
Holmium	165-1	36735483	36683073	36859532	36759363	0.25	cps
Holmium	165-2	18573431	18410089	18207175	18396898	1.00	cps
Indium	115-1	29808124	29782923	30048784	29879943	0.49	cps
Indium	115-2	5924177	5934094	5889050	5915774	0.40	cps
Iron	56-2	16047182	15814354	15867093	15909543	0.77	cps
Iron	57-2	394352	389465	389731	391183	0.70	cps
Krypton	83-1	1223	1313	1363	1300	5.46	cps
Lead	206-1	993037	1011109	1021896	1008681	1.45	cps
Lead	207-1	857001	861906	880300	866402	1.42	cps
Lead	208-1	3943215	3977285	4022286	3980929	1.00	cps
Lithium	6-1	8178780	8153761	8159952	8164164	0.16	cps
Magnesium	24-2	2375	2150	1825	2117	13.06	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3758796	3732448	3737320	3742855	0.37	cps
Molybdenum	94-1	991084	994539	1005543	997055	0.76	cps
Molybdenum	95-1	1749027	1761836	1740695	1750519	0.61	cps
Molybdenum	96-1	1843916	1860531	1853216	1852554	0.45	cps
Molybdenum	97-1	1091132	1091037	1082880	1088350	0.44	cps
Molybdenum	98-1	2794456	2815893	2834385	2814911	0.71	cps
Neodymium	150-1	413	420	493	442	10.04	cps
Neodymium	150-2	33	50	23	36	37.90	cps
Nickel	60-2	2631077	2618031	2608090	2619066	0.44	cps
Phosphorus	31-2	450	533	350	444	20.65	cps
Potassium	39-2	55606	56207	56416	56077	0.75	cps
Rhodium	103-1	27973403	28043405	28121544	28046117	0.26	cps
Rhodium	103-2	13714706	13639607	13686754	13680355	0.28	cps
Scandium	45-1	20178101	20397787	20192397	20256095	0.61	cps
Scandium	45-2	925250	928913	920364	924842	0.46	cps
Selenium	77-2	3671	3547	3510	3576	2.34	cps
Selenium	78-2	11992	12103	11964	12020	0.61	cps
Selenium	82-1	74855	74306	74734	74631	0.39	cps
Silicon	28-1	3421191	3439091	3452700	3437661	0.46	cps
Silver	109-1	12106810	12203686	12197753	12169416	0.45	cps
Silver	107-1	12705426	12664832	12728661	12699640	0.25	cps
Sodium	23-2	145205	146450	145154	145603	0.50	cps
Strontium	86-1	2300	2325	2159	2261	3.98	cps
Strontium	88-1	2225	2109	1767	2034	11.72	cps
Sulfur	34-1	810554	790202	778770	793175	2.03	cps
Terbium	159-1	38340799	38249902	38612784	38401162	0.49	cps
Terbium	159-2	18945362	18816346	18815858	18859189	0.40	cps
Thallium	203-1	380336	386388	390067	385597	1.27	cps
Thallium	205-1	923796	926273	955224	935098	1.87	cps
Thorium	232-1	1767	1550	1295	1537	15.38	cps
Tin	118-1	3826	3976	3967	3923	2.15	cps
Titanium	47-1	1150	1000	975	1042	9.09	cps
Uranium	238-1	1458	1400	1300	1386	5.78	cps
Vanadium	51-2	6999963	6980853	6967268	6982695	0.24	cps
Yttrium	89-1	30337129	30411025	30467815	30405323	0.22	cps
Yttrium	89-2	4486135	4445885	4409476	4447165	0.86	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	K1161-04	Instrumnet Name :	P7
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:02:17	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1750777	1754035	1746695	1750502	0.21	cps
Zirconium	90-1	7169	6719	6935	6941	3.24	cps
Zirconium	91-1	2025	2025	1909	1986	3.39	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P7
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:27:08	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	300	233	233	256	15.06	cps
Antimony	121-1	258	333	308	300	12.73	cps
Arsenic	75-1	-1710	-2108	-2214	-2011	-13.22	cps
Barium	135-1	475	375	383	411	13.50	cps
Barium	137-1	667	675	725	689	4.58	cps
Beryllium	9-1	233	237	183	218	13.72	cps
Bismuth	209-1	25241223	25235832	24791592	25089549	1.03	cps
Bismuth	209-2	14034831	14089034	13997174	14040346	0.33	cps
Boron	10-1	10888	10663	10187	10579	3.38	cps
Boron	11-1	51505	50887	49967	50786	1.52	cps
Cadmium	111-1	8200	7813	8006	8006	2.42	cps
Cadmium	106-1	11680	11172	11430	11427	2.23	cps
Cadmium	108-1	25	33	29	29	14.28	cps
Calcium	43-1	350	425	367	381	10.35	cps
Calcium	44-1	30743	31227	30635	30868	1.02	cps
Chromium	52-2	3651	3817	3667	3712	2.47	cps
Cobalt	59-2	230	240	190	220	12.03	cps
Copper	63-2	4247	4451	4491	4396	2.97	cps
Dysprosium	156-1	17	8	0	8	100.02	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	117	175	58	117	50.00	cps
Erbium	164-2	53	47	67	56	18.33	cps
Gadolinium	160-1	258	142	217	206	28.76	cps
Gadolinium	160-2	443	500	510	484	7.42	cps
Holmium	165-1	36319417	36608928	35996976	36308440	0.84	cps
Holmium	165-2	18423692	18228414	18234671	18295592	0.61	cps
Indium	115-1	29912034	29691164	29776186	29793128	0.37	cps
Indium	115-2	5822109	5880369	5879105	5860528	0.57	cps
Iron	56-2	24031	22979	23441	23484	2.25	cps
Iron	57-2	439	456	506	467	7.43	cps
Krypton	83-1	1297	1283	1263	1281	1.31	cps
Lead	206-1	1995	2100	2100	2065	2.95	cps
Lead	207-1	1695	1817	1689	1733	4.17	cps
Lead	208-1	8162	8090	7862	8038	1.95	cps
Lithium	6-1	8229828	8197536	8223477	8216947	0.21	cps
Magnesium	24-2	275	233	317	275	15.15	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P7
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:27:08	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	180	180	167	176	4.38	cps
Molybdenum	94-1	792	850	942	861	8.78	cps
Molybdenum	95-1	283	267	258	269	4.72	cps
Molybdenum	96-1	717	517	775	669	20.24	cps
Molybdenum	97-1	208	167	250	208	20.00	cps
Molybdenum	98-1	567	458	500	508	10.75	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	547	670	597	604	10.26	cps
Phosphorus	31-2	367	508	425	433	16.43	cps
Potassium	39-2	48656	48171	46875	47901	1.92	cps
Rhodium	103-1	28314369	28108166	27905085	28109207	0.73	cps
Rhodium	103-2	13796436	13849546	13721669	13789217	0.47	cps
Scandium	45-1	20173424	20184010	19933737	20097057	0.70	cps
Scandium	45-2	930704	932298	928096	930366	0.23	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	193	187	183	188	2.48	cps
Selenium	82-1	48	92	19	53	68.98	cps
Silicon	28-1	678832	678134	681967	679644	0.30	cps
Silver	109-1	408	433	467	436	6.71	cps
Silver	107-1	708	533	600	614	14.39	cps
Sodium	23-2	56959	57837	57261	57352	0.78	cps
Strontium	86-1	1984	2100	1984	2022	3.33	cps
Strontium	88-1	433	533	500	489	10.42	cps
Sulfur	34-1	896506	893817	893894	894739	0.17	cps
Terbium	159-1	38389300	37887429	37600615	37959115	1.05	cps
Terbium	159-2	19021966	18725475	18893177	18880206	0.79	cps
Thallium	203-1	1258	1275	1233	1256	1.67	cps
Thallium	205-1	3184	3109	3109	3134	1.38	cps
Thorium	232-1	633	667	661	654	2.73	cps
Tin	118-1	2817	2775	3026	2873	4.66	cps
Titanium	47-1	242	275	267	261	6.64	cps
Uranium	238-1	183	233	133	183	27.27	cps
Vanadium	51-2	27	60	53	47	37.79	cps
Yttrium	89-1	30247025	30386360	30125048	30252811	0.43	cps
Yttrium	89-2	4420457	4425636	4463193	4436428	0.53	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BL	Instrumnet Name :	P7
Client Sample ID :	PB116587BL	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:27:08	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1007	947	883	946	6.52	cps
Zirconium	90-1	2034	1967	2292	2097	8.19	cps
Zirconium	91-1	433	383	392	403	6.65	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4976547	4957086	4926263	4953299	0.51	cps
Antimony	121-1	16405114	16416465	16298210	16373263	0.40	cps
Arsenic	75-1	4435487	4432759	4438698	4435648	0.07	cps
Barium	135-1	21900199	22018167	21649706	21856024	0.86	cps
Barium	137-1	38529831	38019882	38003528	38184414	0.78	cps
Beryllium	9-1	4745322	4699643	4652691	4699218	0.99	cps
Bismuth	209-1	23069127	23013105	22936853	23006362	0.29	cps
Bismuth	209-2	12575992	12669636	12639950	12628526	0.38	cps
Boron	10-1	1075513	1087090	1093239	1085281	0.83	cps
Boron	11-1	5070054	5151294	5173811	5131720	1.06	cps
Cadmium	111-1	5386360	5359017	5410879	5385418	0.48	cps
Cadmium	106-1	603480	611267	607922	607557	0.64	cps
Cadmium	108-1	411434	411668	410067	411056	0.21	cps
Calcium	43-1	6562595	6609932	6536348	6569625	0.57	cps
Calcium	44-1	103636377	104616452	103449494	103900775	0.60	cps
Chromium	52-2	6415620	6393729	6397899	6402416	0.18	cps
Cobalt	59-2	10683696	10789029	10695638	10722788	0.54	cps
Copper	63-2	15157748	15241503	15090194	15163148	0.50	cps
Dysprosium	156-1	658	483	442	528	21.78	cps
Dysprosium	156-2	300	353	387	347	12.61	cps
Erbium	164-1	275	283	217	258	14.06	cps
Erbium	164-2	110	100	113	108	6.44	cps
Gadolinium	160-1	292	408	475	392	23.69	cps
Gadolinium	160-2	620	447	560	542	16.23	cps
Holmium	165-1	35460763	35757399	35701333	35639832	0.44	cps
Holmium	165-2	17641759	17833471	17807903	17761044	0.59	cps
Indium	115-1	27362413	27400560	27459930	27407634	0.18	cps
Indium	115-2	5323739	5388774	5376378	5362964	0.64	cps
Iron	56-2	282390773	282843862	281710045	282314893	0.20	cps
Iron	57-2	7022928	7012214	6986831	7007324	0.26	cps
Krypton	83-1	1253	1167	1200	1207	3.62	cps
Lead	206-1	15692395	15657160	15596492	15648683	0.31	cps
Lead	207-1	13775477	13984889	13924737	13895034	0.78	cps
Lead	208-1	62850532	63100261	62847463	62932752	0.23	cps
Lithium	6-1	7761071	7789369	7678316	7742918	0.75	cps
Magnesium	24-2	57218874	57712753	56957185	57296271	0.67	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7982874	7996580	7967987	7982480	0.18	cps
Molybdenum	94-1	38301505	37889029	38054970	38081835	0.55	cps
Molybdenum	95-1	47280449	46994656	46570730	46948612	0.76	cps
Molybdenum	96-1	52165172	51874286	51616042	51885166	0.53	cps
Molybdenum	97-1	29226018	29138157	29010758	29124978	0.37	cps
Molybdenum	98-1	75441173	75726512	75098552	75422079	0.42	cps
Neodymium	150-1	2020	1980	1654	1885	10.67	cps
Neodymium	150-2	210	290	227	242	17.43	cps
Nickel	60-2	2792438	2823805	2806716	2807653	0.56	cps
Phosphorus	31-2	279972	276817	275224	277338	0.87	cps
Potassium	39-2	24150271	24191728	24019074	24120358	0.37	cps
Rhodium	103-1	25209251	25300516	25306084	25271950	0.22	cps
Rhodium	103-2	12202600	12362293	12351577	12305490	0.73	cps
Scandium	45-1	18924525	18975181	18777496	18892401	0.54	cps
Scandium	45-2	872691	893832	884781	883768	1.20	cps
Selenium	77-2	20799	20401	20561	20587	0.97	cps
Selenium	78-2	67632	68313	67327	67758	0.75	cps
Selenium	82-1	429266	429391	431797	430151	0.33	cps
Silicon	28-1	13736512	13874745	13904481	13838579	0.65	cps
Silver	109-1	25342446	25118911	25117365	25192907	0.51	cps
Silver	107-1	26404924	26549129	26412399	26455484	0.31	cps
Sodium	23-2	102615046	102343884	102423417	102460782	0.14	cps
Strontium	86-1	6357053	6344534	6311707	6337765	0.37	cps
Strontium	88-1	55282207	55194089	54737424	55071240	0.53	cps
Sulfur	34-1	3322720	3291672	3272961	3295784	0.76	cps
Terbium	159-1	37149848	37193609	36786195	37043217	0.60	cps
Terbium	159-2	18021190	18100989	18164331	18095503	0.40	cps
Thallium	203-1	19319559	19285811	19208188	19271186	0.30	cps
Thallium	205-1	46776992	46826942	46435018	46679650	0.46	cps
Thorium	232-1	67738321	67015981	66944390	67232897	0.65	cps
Tin	118-1	16190082	16098037	16081868	16123329	0.36	cps
Titanium	47-1	14581835	14407041	14353182	14447353	0.83	cps
Uranium	238-1	65571062	65186712	64259149	65005641	1.04	cps
Vanadium	51-2	5058623	5094313	5027215	5060050	0.66	cps
Yttrium	89-1	28785499	28812250	28660251	28752667	0.28	cps
Yttrium	89-2	4159241	4220879	4165258	4181793	0.81	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	PB116587BS	Instrumnet Name :	P7
Client Sample ID :	PB116587BS	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:30:44	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2272392	2271791	2271907	2272030	0.01	cps
Zirconium	90-1	31759753	31567087	31680322	31669054	0.31	cps
Zirconium	91-1	7140088	7136759	7118235	7131694	0.17	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25815266	26094473	25951685	25953808	0.54	cps
Antimony	121-1	15139931	15148715	15054404	15114350	0.34	cps
Arsenic	75-1	3976736	3983822	4040729	4000429	0.88	cps
Barium	135-1	21276596	21273783	21068625	21206335	0.56	cps
Barium	137-1	36947416	36812850	36998521	36919596	0.26	cps
Beryllium	9-1	4347395	4353098	4282237	4327577	0.91	cps
Bismuth	209-1	19511924	19522830	19521318	19518691	0.03	cps
Bismuth	209-2	10970595	11005781	10974807	10983728	0.17	cps
Boron	10-1	1008595	1013628	1000626	1007616	0.65	cps
Boron	11-1	4834706	4897933	4862032	4864890	0.65	cps
Cadmium	111-1	4732043	4697235	4748425	4725901	0.55	cps
Cadmium	106-1	549270	553985	553743	552333	0.48	cps
Cadmium	108-1	363255	369767	365179	366067	0.91	cps
Calcium	43-1	30918552	31051226	31119617	31029798	0.33	cps
Calcium	44-1	496019661	497395894	498787328	497400961	0.28	cps
Chromium	52-2	6339201	6373153	6386903	6366419	0.39	cps
Cobalt	59-2	10334058	10362882	10358985	10351975	0.15	cps
Copper	63-2	14524052	14580395	14532049	14545499	0.21	cps
Dysprosium	156-1	658	617	558	611	8.22	cps
Dysprosium	156-2	367	433	370	390	9.63	cps
Erbium	164-1	225	275	242	247	10.30	cps
Erbium	164-2	97	107	107	103	5.59	cps
Gadolinium	160-1	433	508	408	450	11.56	cps
Gadolinium	160-2	533	613	570	572	7.00	cps
Holmium	165-1	33880746	33437701	33566620	33628355	0.68	cps
Holmium	165-2	17162263	17201265	17176768	17180098	0.11	cps
Indium	115-1	25553703	25202370	25503148	25419741	0.75	cps
Indium	115-2	5105685	5120542	5130442	5118890	0.24	cps
Iron	56-2	1350911052	1346499719	1354416608	1350609126	0.29	cps
Iron	57-2	33690108	33720056	33881226	33763797	0.30	cps
Krypton	83-1	1323	1233	1270	1276	3.55	cps
Lead	206-1	14153910	14117903	14190055	14153956	0.25	cps
Lead	207-1	12572301	12469197	12661128	12567542	0.76	cps
Lead	208-1	56821654	56191468	57160485	56724536	0.87	cps
Lithium	6-1	7173111	7178793	7070073	7140659	0.86	cps
Magnesium	24-2	267519739	270104031	268059423	268561064	0.51	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7842551	7858953	7823872	7841792	0.22	cps
Molybdenum	94-1	37346612	37474434	37386885	37402644	0.17	cps
Molybdenum	95-1	46133765	46136570	45724539	45998291	0.52	cps
Molybdenum	96-1	50645187	51097352	50590932	50777824	0.55	cps
Molybdenum	97-1	28452018	28359250	28430212	28413827	0.17	cps
Molybdenum	98-1	73858604	73461429	73571222	73630418	0.28	cps
Neodymium	150-1	2187	1940	2034	2054	6.07	cps
Neodymium	150-2	297	413	387	366	16.72	cps
Nickel	60-2	2575982	2586588	2588254	2583608	0.26	cps
Phosphorus	31-2	272733	270675	273242	272217	0.50	cps
Potassium	39-2	124400136	123106849	123718328	123741771	0.52	cps
Rhodium	103-1	22516362	22603140	22538203	22552569	0.20	cps
Rhodium	103-2	11015572	11162178	11071476	11083075	0.67	cps
Scandium	45-1	18241092	18160250	18334700	18245348	0.48	cps
Scandium	45-2	865750	866712	872128	868196	0.40	cps
Selenium	77-2	19664	20478	20081	20074	2.03	cps
Selenium	78-2	66401	67526	66356	66761	0.99	cps
Selenium	82-1	408519	409141	409522	409061	0.12	cps
Silicon	28-1	14301151	14550049	14593513	14481571	1.09	cps
Silver	109-1	22235231	22281114	22223380	22246575	0.14	cps
Silver	107-1	23302960	23237306	23165996	23235421	0.29	cps
Sodium	23-2	491860544	495220994	497634978	494905506	0.59	cps
Strontium	86-1	6209876	6175153	6212346	6199125	0.34	cps
Strontium	88-1	53873135	53657891	53860447	53797157	0.22	cps
Sulfur	34-1	3173013	3188275	3196014	3185767	0.37	cps
Terbium	159-1	35276978	35004560	34817961	35033166	0.66	cps
Terbium	159-2	17361376	17340069	17412494	17371313	0.21	cps
Thallium	203-1	17627504	17425722	17591281	17548169	0.61	cps
Thallium	205-1	42712873	42579243	42669943	42654019	0.16	cps
Thorium	232-1	64319160	64014474	63662364	63998666	0.51	cps
Tin	118-1	15201373	15244828	15247615	15231272	0.17	cps
Titanium	47-1	14256737	14236641	14293748	14262375	0.20	cps
Uranium	238-1	61270183	61463202	61272543	61335309	0.18	cps
Vanadium	51-2	5122688	5132191	5123305	5126061	0.10	cps
Yttrium	89-1	27472070	27327668	27521953	27440563	0.37	cps
Yttrium	89-2	4087111	4108346	4120397	4105284	0.41	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCV85	Instrumnet Name :	P7
Client Sample ID :	CCV85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:34:25	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2152476	2169586	2160962	2161008	0.40	cps
Zirconium	90-1	31279294	31181604	31289023	31249974	0.19	cps
Zirconium	91-1	7026180	7016929	7046444	7029851	0.21	cps

LB Number : LB100516 Operator : Jaswal
 Lab Sample ID : CCB85 Instrumnet Name : P7
 Client Sample ID : CCB85 Dilution Factor : 1
 Date & Time Acquired :: 2019-01-25 18:39:12 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	500	383	442	442	13.21	cps
Antimony	121-1	4409	3892	3559	3954	10.84	cps
Arsenic	75-1	-1600	-1658	-1675	-1644	-2.40	cps
Barium	135-1	1175	833	500	836	40.37	cps
Barium	137-1	2334	1267	942	1514	48.09	cps
Beryllium	9-1	720	567	437	574	24.69	cps
Bismuth	209-1	24981720	25226409	25441444	25216524	0.91	cps
Bismuth	209-2	14170838	14040006	14201548	14137464	0.61	cps
Boron	10-1	26741	25514	24805	25687	3.81	cps
Boron	11-1	122731	117105	114894	118243	3.42	cps
Cadmium	111-1	8878	8511	8669	8686	2.12	cps
Cadmium	106-1	12164	11780	12097	12014	1.71	cps
Cadmium	108-1	58	63	58	60	4.03	cps
Calcium	43-1	1942	1400	817	1386	40.59	cps
Calcium	44-1	57732	45974	40007	47904	18.83	cps
Chromium	52-2	3437	3654	3557	3549	3.06	cps
Cobalt	59-2	213	243	183	213	14.06	cps
Copper	63-2	4387	4554	4277	4406	3.16	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	10	13	3	9	57.30	cps
Erbium	164-1	117	92	100	103	12.39	cps
Erbium	164-2	47	50	70	56	22.71	cps
Gadolinium	160-1	217	275	217	236	14.26	cps
Gadolinium	160-2	467	507	460	478	5.28	cps
Holmium	165-1	36256878	36033165	36490192	36260079	0.63	cps
Holmium	165-2	18557531	18378953	18699894	18545459	0.87	cps
Indium	115-1	29507443	29887426	29771613	29722161	0.66	cps
Indium	115-2	5928351	5933022	6028114	5963162	0.94	cps
Iron	56-2	31484	29363	27916	29588	6.07	cps
Iron	57-2	744	589	583	639	14.32	cps
Krypton	83-1	1437	1217	1410	1355	8.86	cps
Lead	206-1	3634	3023	2923	3193	12.06	cps
Lead	207-1	3178	2928	2639	2915	9.25	cps
Lead	208-1	14370	12525	12108	13001	9.26	cps
Lithium	6-1	7884117	7825599	7864785	7858167	0.38	cps
Magnesium	24-2	1892	1625	1533	1684	11.06	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:39:12	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	160	167	163	163	2.04	cps
Molybdenum	94-1	5860	4759	4042	4887	18.73	cps
Molybdenum	95-1	8445	6402	5126	6657	25.14	cps
Molybdenum	96-1	9012	7044	5785	7280	22.34	cps
Molybdenum	97-1	4751	3959	3401	4037	16.81	cps
Molybdenum	98-1	12598	10246	8253	10365	20.98	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	350	337	290	326	9.68	cps
Phosphorus	31-2	542	358	475	458	20.25	cps
Potassium	39-2	64298	61980	62624	62968	1.90	cps
Rhodium	103-1	27729944	28159403	28240795	28043381	0.98	cps
Rhodium	103-2	13950674	13848827	13916525	13905342	0.37	cps
Scandium	45-1	19791053	19848434	20100738	19913408	0.83	cps
Scandium	45-2	925398	919794	927624	924272	0.44	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	194	187	183	188	3.00	cps
Selenium	82-1	-37	120	-68	5	1937.78	cps
Silicon	28-1	719263	713984	712720	715322	0.49	cps
Silver	109-1	2417	2009	1634	2020	19.40	cps
Silver	107-1	2709	2475	1909	2364	17.41	cps
Sodium	23-2	99026	97642	95947	97538	1.58	cps
Strontium	86-1	2167	2017	2217	2134	4.88	cps
Strontium	88-1	3226	1792	1300	2106	47.50	cps
Sulfur	34-1	832073	828158	826954	829062	0.32	cps
Terbium	159-1	37735069	38042774	38045207	37941017	0.47	cps
Terbium	159-2	18994108	18957693	19140095	19030632	0.51	cps
Thallium	203-1	4017	3492	2925	3478	15.70	cps
Thallium	205-1	9170	7969	7461	8200	10.70	cps
Thorium	232-1	16761	14353	12401	14505	15.06	cps
Tin	118-1	6027	5235	5235	5499	8.32	cps
Titanium	47-1	1292	975	858	1042	21.53	cps
Uranium	238-1	4001	2609	1542	2717	45.38	cps
Vanadium	51-2	73	47	63	61	22.04	cps
Yttrium	89-1	29729402	30316383	30190140	30078642	1.03	cps
Yttrium	89-2	4473026	4448262	4515910	4479066	0.76	cps

LB Number :	LB100516	Operator :	Jaswal
Lab Sample ID :	CCB85	Instrumnet Name :	P7
Client Sample ID :	CCB85	Dilution Factor :	1
Date & Time Acquired ::	2019-01-25 18:39:12	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	983	863	1007	951	8.09	cps
Zirconium	90-1	4984	3884	3376	4081	20.15	cps
Zirconium	91-1	1108	908	875	964	13.09	cps