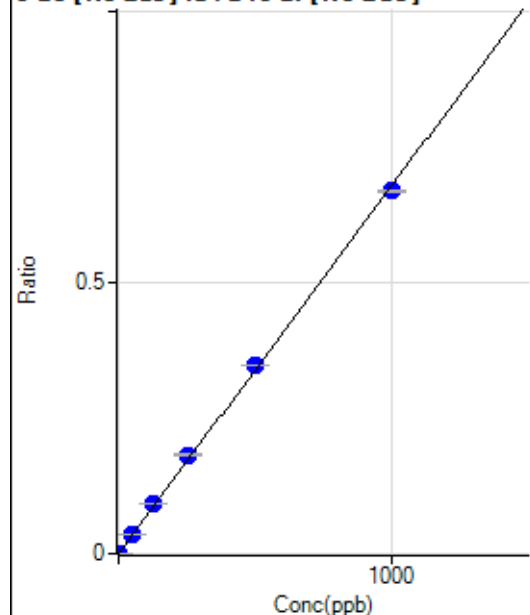


Batch Folder: D:\ICP-MS Data\P7042919MS.b\
Analysis File: P7042919MS.batch.bin
DA Date-Time: 2019-04-29 15:38:58
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2019-04-29 11:30:43
2			
3	006CALS.d	S02	2019-04-29 11:39:14
4	007CALS.d	S03	2019-04-29 11:43:10
5	008CALS.d	S04	2019-04-29 11:47:18
6	009CALS.d	S05	2019-04-29 11:51:08
7	010CALS.d	S06	2019-04-29 11:54:55
8	011CALS.d	S07	2019-04-29 11:58:41
9	012CALS.d	S08	2019-04-29 12:02:28

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	104.45	0.0000	P	18.1
2	☐	0.100					
3	☐	1.000	1.052	3660.50	0.0007	P	3.0
4	☐	50.000	52.486	175996.35	0.0356	P	1.4
5	☐	125.000	134.205	419400.68	0.0911	P	0.6
6	☐	250.000	268.501	758175.48	0.1822	P	0.8
7	☐	500.000	514.219	1390671.84	0.3488	P	0.3
8	☐	1000.000	986.990	2589824.67	0.6695	P	0.3
9	☐			391.12	0.0001	P	13.2

$$y = 6.7833\text{E-}004 * x + 2.0763\text{E-}005$$

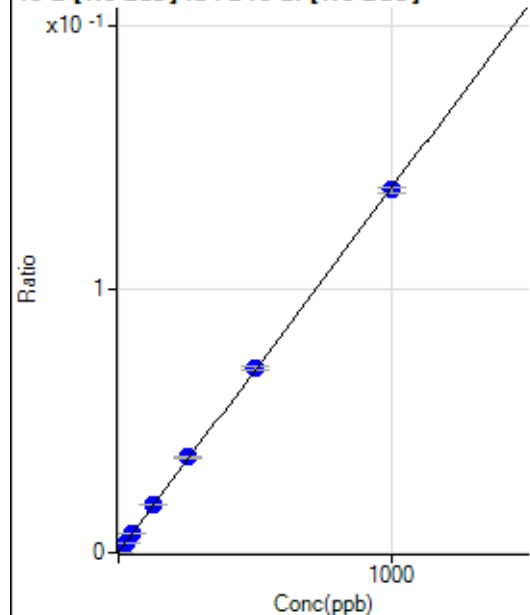
$$R = 0.9996$$

$$DL = 0.01659$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1097.31	0.0002	P	8.8
2	☐	2.500					
3	☐	25.000	24.278	17850.00	0.0036	P	1.2
4	☐	50.000	50.248	35445.30	0.0072	P	2.9
5	☐	125.000	129.023	83284.91	0.0181	P	1.4
6	☐	250.000	260.865	151235.72	0.0363	P	2.1
7	☐	500.000	504.757	279476.91	0.0701	P	1.4
8	☐	1000.000	994.408	533398.98	0.1379	P	1.3
9	☐			30671.02	0.0080	P	5.9

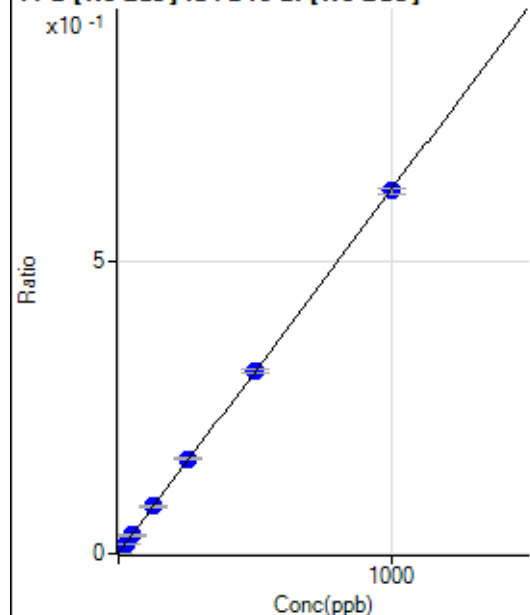
$$y = 1.3846\text{E-}004 * x + 2.1828\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.417$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	5151.11	0.0010	P	1.6
2	☐	2.500					
3	☐	25.000	24.394	80978.71	0.0162	P	2.1
4	☐	50.000	49.227	156736.46	0.0317	P	2.9
5	☐	125.000	128.897	375010.85	0.0814	P	2.1
6	☐	250.000	259.115	676920.53	0.1626	P	1.7
7	☐	500.000	501.989	1252245.08	0.3141	P	1.8
8	☐	1000.000	996.293	2407515.33	0.6224	P	1.7
9	☐			140220.01	0.0367	P	4.4

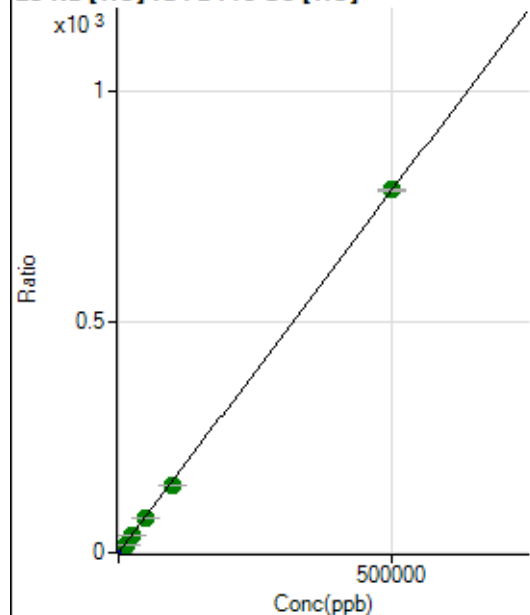
$$y = 6.2372\text{E-}004 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.07742$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6729.53	0.0139	P	7.3
2	☐	50.000					
3	☐	500.000	474.778	343655.34	0.7570	P	0.3
4	☐	5000.000	4737.376	3346627.03	7.4293	P	1.5
5	☐	12500.000	11765.517	7933875.18	18.4305	A	0.3
6	☐	25000.000	23704.811	14547634.01	37.1193	A	0.2
7	☐	50000.000	48114.769	27340535.33	75.3284	A	0.2
8	☐	100000.00	93583.109	53887740.79	146.5005	A	0.7
9	☐	500000.00	501557.67	315954195.9	785.1075	A	0.7

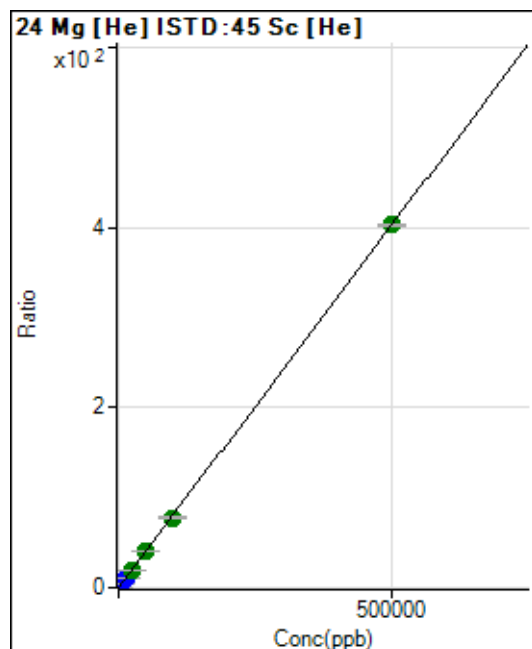
$$y = 0.0016 * x + 0.0139$$

$$R = 0.9999$$

$$DL = 1.936$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.24	0.0007	P	28.5
2	☐	50.000					
3	☐	500.000	518.765	189750.90	0.4180	P	0.7
4	☐	5000.000	4998.289	1811669.66	4.0218	P	1.3
5	☐	12500.000	12444.973	4310104.48	10.0126	P	0.7
6	☐	25000.000	24752.045	7804489.58	19.9136	A	0.4
7	☐	50000.000	50192.507	14656028.80	40.3804	A	0.2
8	☐	100000.00	96753.749	28631696.13	77.8388	A	0.7
9	☐	500000.00	500643.77	162089631.4	402.7673	A	0.3

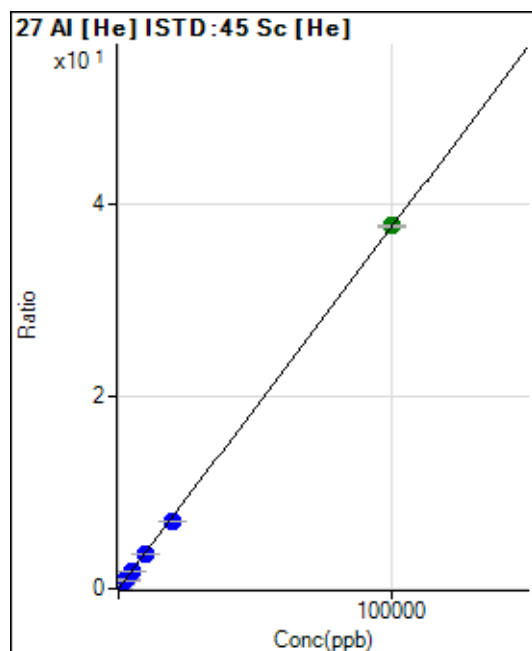
$$y = 8.0450\text{E-}004 * x + 6.5466\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.6957$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	130.56	0.0003	P	46.0
2	☐	2.000					
3	☐	20.000	18.808	3331.10	0.0073	P	7.4
4	☐	1000.000	952.284	161313.62	0.3581	P	1.8
5	☐	2500.000	2394.068	387374.52	0.8999	P	1.1
6	☐	5000.000	4760.637	701204.86	1.7892	P	1.1
7	☐	10000.000	9572.581	1305662.03	3.5974	P	0.2
8	☐	20000.000	18500.598	2557191.59	6.9522	P	1.2
9	☐	100000.00	100357.71	15176575.34	37.7117	A	0.3

$$y = 3.7577\text{E-}004 * x + 2.7137\text{E-}004$$

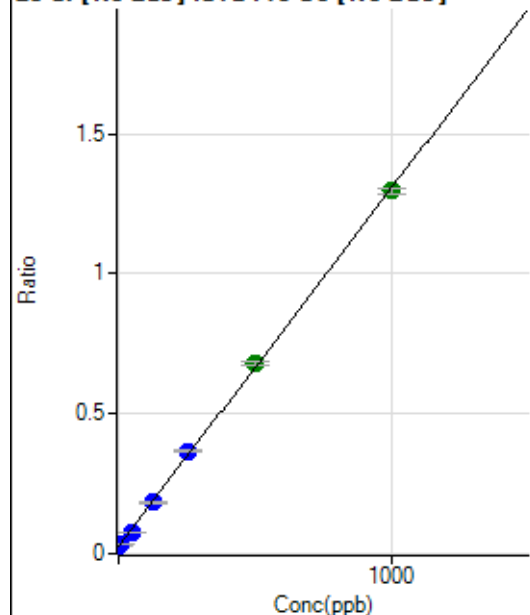
$$R = 0.9999$$

$$DL = 0.997$$

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	244064.63	0.0261	P	2.0
2	☐	1.000					
3	☐	10.000	7.033	324419.35	0.0351	P	0.8
4	☐	50.000	40.317	717804.94	0.0777	P	1.4
5	☐	125.000	122.531	1566031.78	0.1829	P	2.5
6	☐	250.000	266.120	2796746.59	0.3667	P	1.6
7	☐	500.000	508.839	4846069.42	0.6773	A	2.2
8	☐	1000.000	992.373	8973048.98	1.2961	A	1.6
9	☐			1165939.06	0.1646	P	5.6

$$y = 0.0013 * x + 0.0261$$

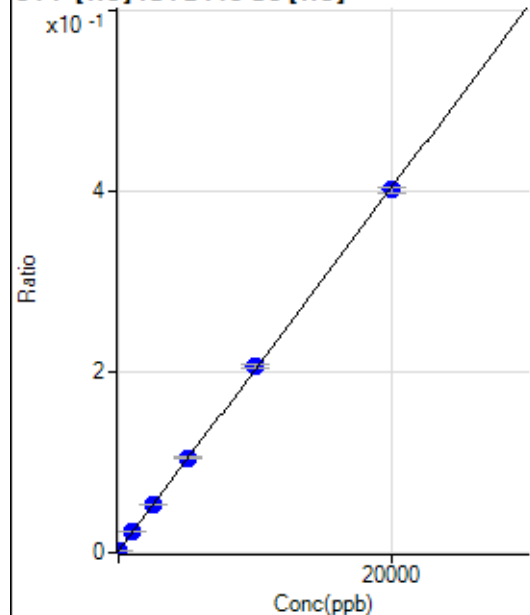
$$R = 0.9997$$

$$DL = 1.205$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-28.906	625.04	0.0013	P	5.0
2	☐	0.000					
3	☐	0.000	28.906	1111.20	0.0024	P	8.4
4	☐	1000.000	1052.341	10367.86	0.0230	P	2.4
5	☐	2500.000	2554.987	22907.29	0.0532	P	2.7
6	☐	5000.000	5127.757	41115.80	0.1049	P	0.9
7	☐	10000.000	10159.950	74776.99	0.2060	P	1.3
8	☐	20000.000	19878.595	147623.09	0.4013	P	1.3
9	☐			552.81	0.0014	P	6.0

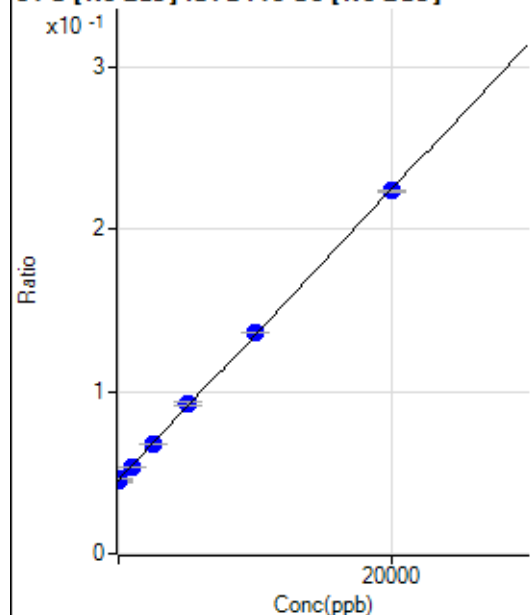
$$y = 2.0095E-005 * x + 0.0019$$

$$R = 0.9999$$

$$DL = 20.18$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-114.065	414865.12	0.0444	P	1.6
2	☐	0.000					
3	☐	0.000	114.065	429056.94	0.0465	P	0.1
4	☐	1000.000	853.082	490227.88	0.0531	P	1.0
5	☐	2500.000	2478.825	579043.05	0.0676	P	0.5
6	☐	5000.000	5267.569	706227.18	0.0926	P	1.9
7	☐	10000.000	10135.653	974508.80	0.1362	P	0.3
8	☐	20000.000	19875.274	1546693.59	0.2234	P	0.4
9	☐			338402.31	0.0478	P	5.9

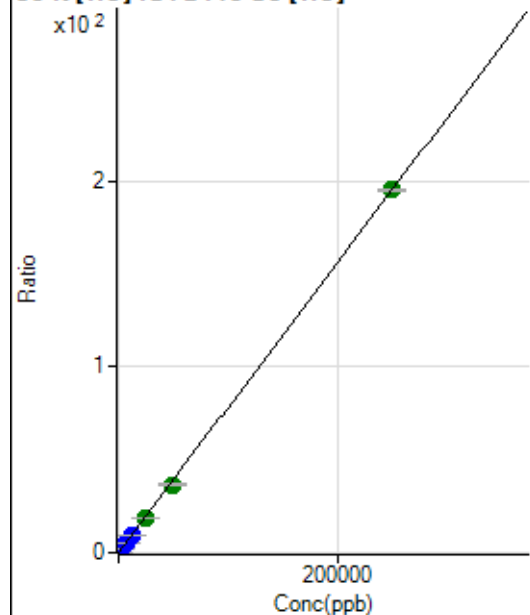
$$y = 8.9538\text{E-}006 * x + 0.0454$$

$$R = 0.9998$$

$$DL = 132.2$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	18782.01	0.0386	P	4.2
2	☐	50.000					
3	☐	500.000	501.586	194868.58	0.4293	P	0.5
4	☐	2500.000	2458.910	880083.67	1.9537	P	1.3
5	☐	6250.000	6110.900	2065405.75	4.7980	P	0.2
6	☐	12500.000	12144.065	3721915.71	9.4968	P	0.7
7	☐	25000.000	24242.913	6866931.92	18.9198	A	0.4
8	☐	50000.000	46997.232	13477841.27	36.6416	A	0.9
9	☐	250000.00	250697.94	78592740.64	195.2902	A	0.8

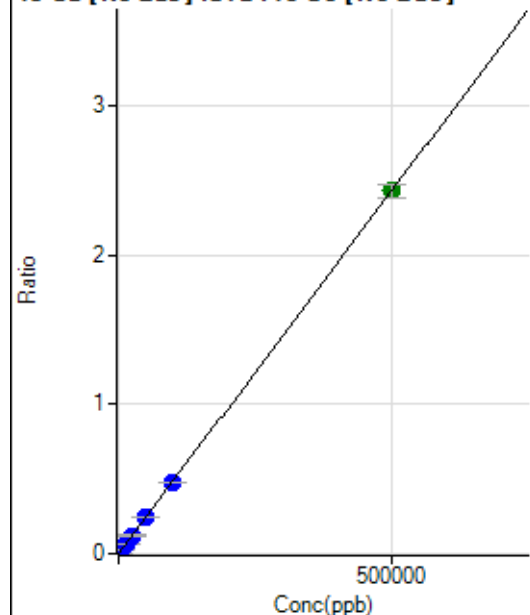
$$y = 7.7883\text{E-}004 * x + 0.0386$$

$$R = 0.9999$$

$$DL = 6.283$$

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	222.23	0.0000	P	19.2
2	☐	50.000					
3	☐	500.000	461.405	20937.67	0.0023	P	0.3
4	☐	5000.000	4745.048	213316.85	0.0231	P	0.4
5	☐	12500.000	12249.878	510162.76	0.0596	P	0.3
6	☐	25000.000	24968.136	926072.18	0.1214	P	2.0
7	☐	50000.000	50377.262	1752989.17	0.2450	P	0.5
8	☐	100000.00	98746.803	3324618.39	0.4802	P	0.2
9	☐	500000.00	500223.34	17231757.16	2.4325	A	3.9

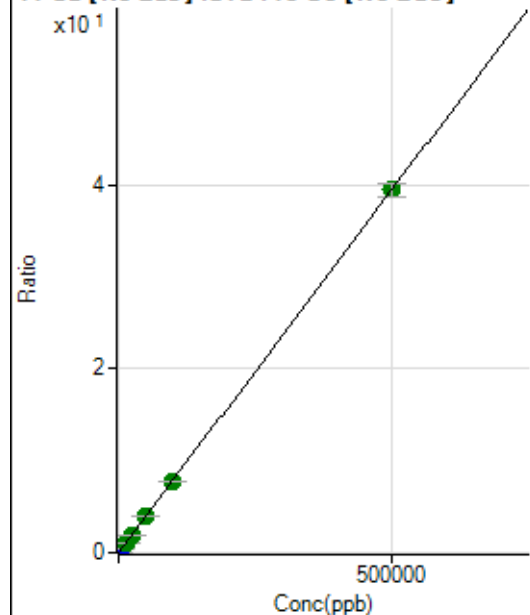
$$y = 4.8628\text{E-}006 * x + 2.3752\text{E-}005$$

$$R = 1.0000$$

$$DL = 2.814$$

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	9562.05	0.0010	P	2.2
2	☐	50.000					
3	☐	500.000	464.838	347453.18	0.0376	P	0.6
4	☐	5000.000	4746.094	3460913.32	0.3748	P	1.0
5	☐	12500.000	12099.555	8165659.38	0.9538	A	0.2
6	☐	25000.000	24641.685	14805328.28	1.9415	A	2.2
7	☐	50000.000	49657.513	27986963.47	3.9114	A	0.4
8	☐	100000.00	97339.916	53075687.30	7.6663	A	0.1
9	☐	500000.00	500596.76	279262453.4	39.4217	A	3.8

$$y = 7.8747\text{E-}005 * x + 0.0010$$

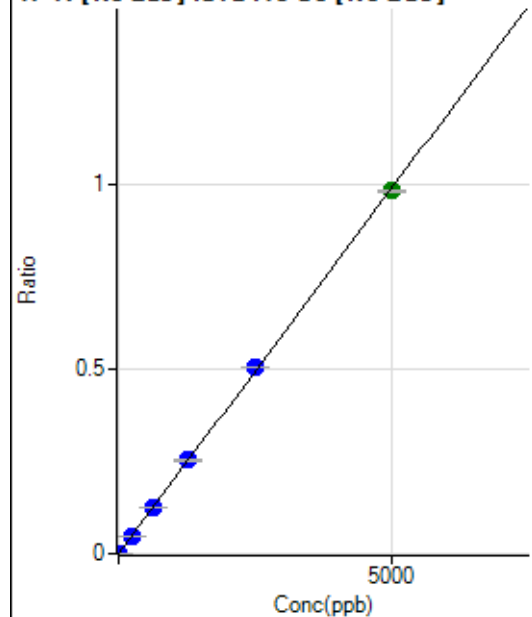
$$R = 1.0000$$

$$DL = 0.8595$$

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	188.90	0.0000	P	9.4
2	☐	0.500					
3	☐	5.000	5.109	9495.07	0.0010	P	4.2
4	☐	250.000	237.882	433619.10	0.0470	P	1.1
5	☐	625.000	625.281	1056291.59	0.1234	P	0.5
6	☐	1250.000	1283.128	1930768.73	0.2532	P	1.8
7	☐	2500.000	2548.331	3597664.19	0.5028	P	0.3
8	☐	5000.000	4968.123	6786320.90	0.9802	A	0.6
9	☐			3817.34	0.0005	P	7.8

$$y = 1.9730E-004 * x + 2.0228E-005$$

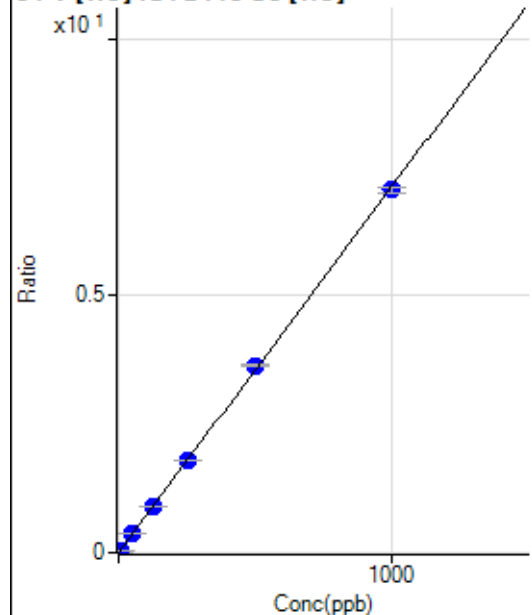
$$R = 0.9999$$

$$DL = 0.02906$$

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	27.78	0.0001	P	28.3
2	☐	0.500					
3	☐	5.000	5.457	17658.56	0.0389	P	1.9
4	☐	50.000	51.462	165051.13	0.3664	P	1.0
5	☐	125.000	127.680	391274.12	0.9089	P	0.5
6	☐	250.000	254.240	709307.38	1.8099	P	0.2
7	☐	500.000	512.597	1324390.29	3.6490	P	0.2
8	☐	1000.000	992.231	2598001.60	7.0632	P	1.3
9	☐			663.36	0.0016	P	8.7

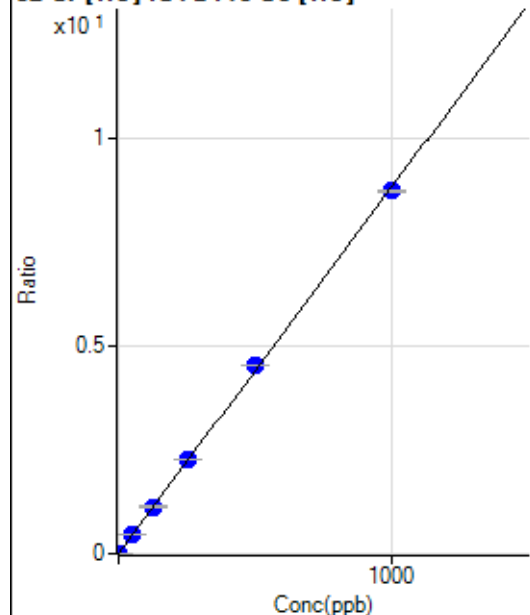
$$y = 0.0071 * x + 5.7393E-005$$

$$R = 0.9999$$

$$DL = 0.006833$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	763.37	0.0016	P	8.4
2	☐	0.200					
3	☐	2.000	2.091	9070.69	0.0200	P	0.7
4	☐	50.000	52.080	207299.04	0.4602	P	1.4
5	☐	125.000	128.397	487398.18	1.1322	P	0.3
6	☐	250.000	256.645	886344.76	2.2616	P	0.3
7	☐	500.000	514.775	1645858.12	4.5347	P	0.4
8	☐	1000.000	990.422	3208687.42	8.7233	P	0.7
9	☐			52426.38	0.1303	P	1.2

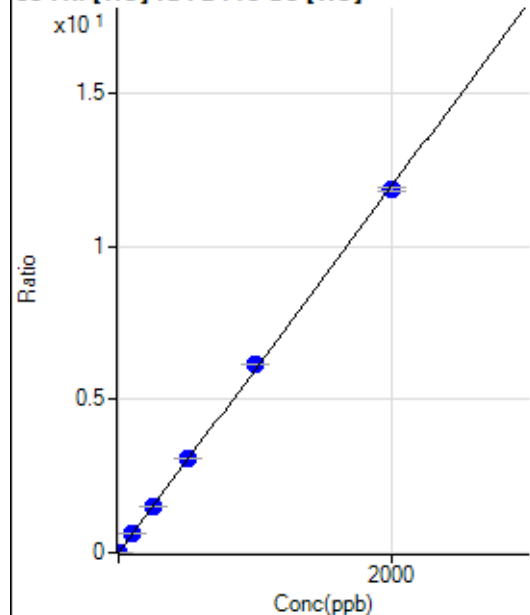
$$y = 0.0088 * x + 0.0016$$

$$R = 0.9998$$

$$DL = 0.04478$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	120.00	0.0002	P	27.8
2	☐	0.100					
3	☐	1.000	1.063	3000.36	0.0066	P	0.2
4	☐	100.000	102.832	277181.98	0.6153	P	0.8
5	☐	250.000	255.318	657483.49	1.5273	P	0.1
6	☐	500.000	513.785	1204445.46	3.0733	P	0.4
7	☐	1000.000	1030.196	2236479.33	6.1620	P	0.4
8	☐	2000.000	1980.649	4357538.06	11.8468	P	1.1
9	☐			16943.27	0.0421	P	1.3

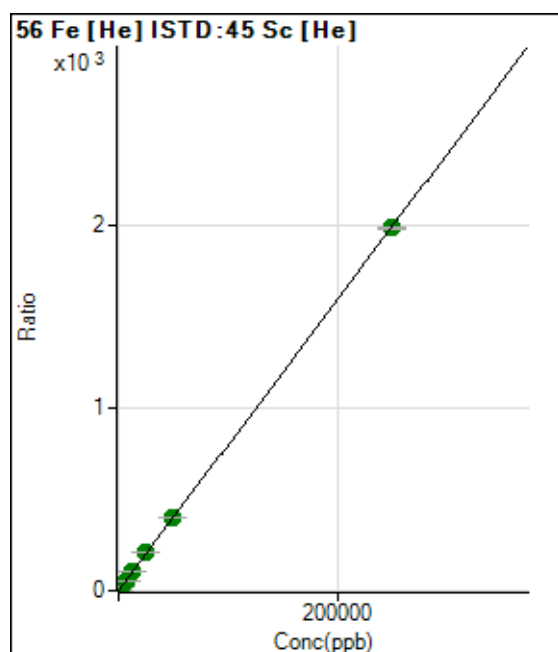
$$y = 0.0060 * x + 2.4894E-004$$

$$R = 0.9998$$

$$DL = 0.03468$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7796.72	0.0160	P	4.7
2	☐	5.000					
3	☐	50.000	56.181	209592.25	0.4617	P	0.5
4	☐	2500.000	2647.938	9469178.45	21.0213	A	1.6
5	☐	6250.000	6555.244	22392002.58	52.0167	A	0.3
6	☐	12500.000	13118.898	40791837.02	104.0841	A	0.3
7	☐	25000.000	26383.262	75967249.85	209.3061	A	0.3
8	☐	50000.000	50456.180	147229456.9	400.2690	A	1.0
9	☐	250000.00	249730.38	797241121.5	1,981.048	A	0.4

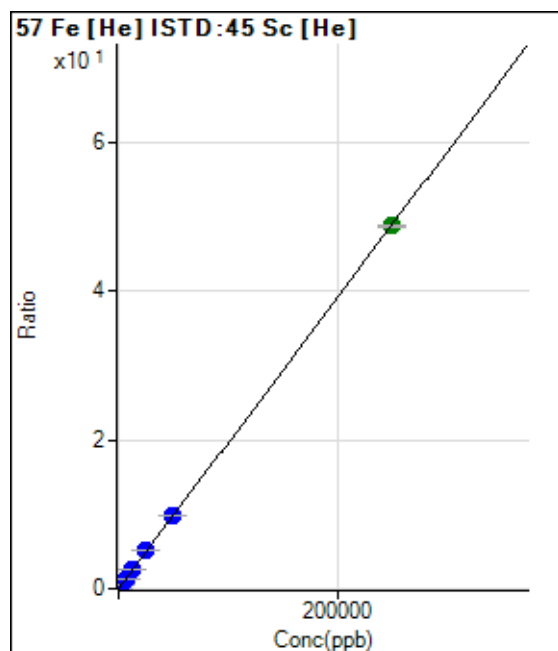
$$y = 0.0079 * x + 0.0160$$

$$R = 1.0000$$

$$DL = 0.2853$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0004	P	17.6
2	☐	5.000					
3	☐	50.000	56.959	5210.32	0.0115	P	5.7
4	☐	2500.000	2628.964	231411.79	0.5137	P	0.9
5	☐	6250.000	6511.909	547524.22	1.2719	P	0.3
6	☐	12500.000	13083.212	1001350.62	2.5551	P	0.6
7	☐	25000.000	26162.040	1854265.57	5.1089	P	0.4
8	☐	50000.000	50561.523	3631667.04	9.8733	P	1.0
9	☐	250000.00	249734.49	19624746.27	48.7650	A	0.5

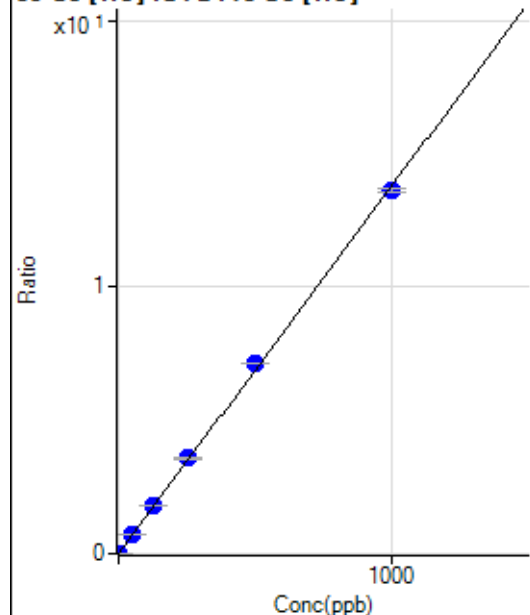
$$y = 1.9527E-004 * x + 3.5557E-004$$

$$R = 1.0000$$

$$DL = 0.9642$$

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	128.89	0.0003	P	17.1
2	☐	0.100					
3	☐	1.000	1.082	6890.63	0.0152	P	3.0
4	☐	50.000	53.155	330242.03	0.7331	P	1.0
5	☐	125.000	131.522	780666.97	1.8135	P	0.4
6	☐	250.000	259.847	1404107.46	3.5827	P	0.6
7	☐	500.000	517.687	2590524.79	7.1374	P	0.2
8	☐	1000.000	987.722	5008964.13	13.6177	P	1.0
9	☐			64395.98	0.1600	P	0.6

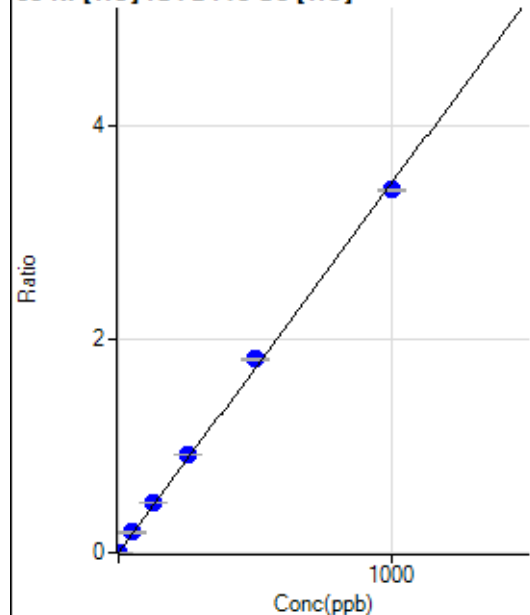
$$y = 0.0138 * x + 2.6552E-004$$

$$R = 0.9997$$

$$DL = 0.0099$$

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	133.34	0.0003	P	1.4
2	☐	0.100					
3	☐	1.000	1.158	1940.16	0.0043	P	4.1
4	☐	50.000	55.115	85867.64	0.1906	P	1.9
5	☐	125.000	134.073	199454.25	0.4633	P	0.4
6	☐	250.000	265.420	359375.13	0.9170	P	0.3
7	☐	500.000	523.766	656657.33	1.8092	P	0.6
8	☐	1000.000	982.872	1248747.30	3.3949	P	0.8
9	☐			24239.09	0.0602	P	0.9

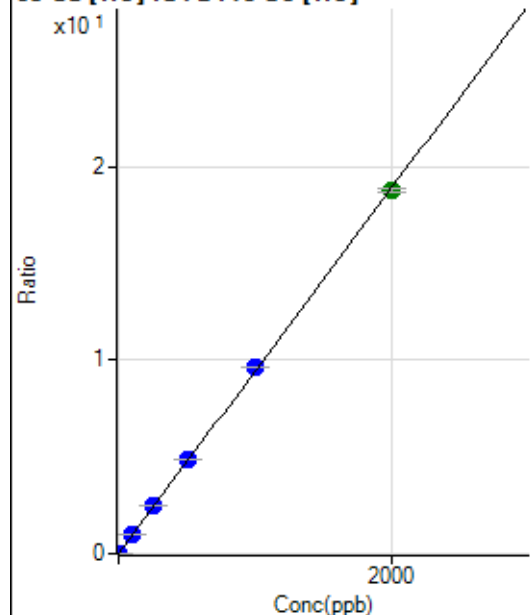
$$y = 0.0035 * x + 2.7366E-004$$

$$R = 0.9994$$

$$DL = 0.003237$$

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	1347.86	0.0028	P	3.9
2	☐	0.200					
3	☐	2.000	2.134	10411.65	0.0229	P	2.1
4	☐	100.000	106.393	454210.41	1.0083	P	0.7
5	☐	250.000	260.958	1062843.25	2.4690	P	0.5
6	☐	500.000	515.097	1908916.95	4.8708	P	0.7
7	☐	1000.000	1018.627	3495043.70	9.6296	P	0.4
8	☐	2000.000	1985.223	6902099.62	18.7647	A	1.2
9	☐			8637.14	0.0215	P	1.2

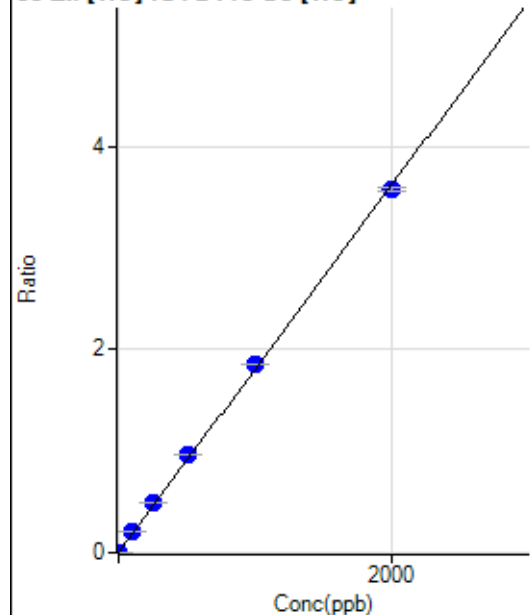
$$y = 0.0095 * x + 0.0028$$

$$R = 0.9999$$

$$DL = 0.03466$$

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	1048.94	0.0021	P	5.5
2	☐	0.200					
3	☐	2.000	2.366	2917.01	0.0064	P	3.5
4	☐	100.000	109.786	90337.28	0.2005	P	0.4
5	☐	250.000	271.388	212020.30	0.4925	P	0.7
6	☐	500.000	533.061	378342.26	0.9654	P	0.3
7	☐	1000.000	1027.113	674391.57	1.8581	P	0.4
8	☐	2000.000	1975.015	1313484.28	3.5709	P	1.0
9	☐			29203.82	0.0726	P	1.9

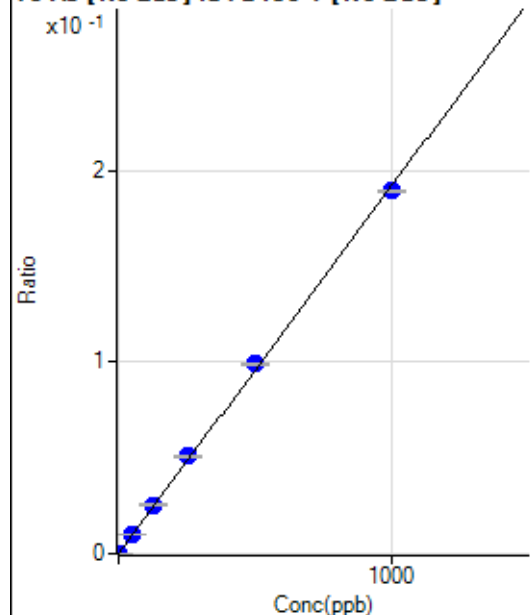
$$y = 0.0018 * x + 0.0021$$

$$R = 0.9997$$

$$DL = 0.1949$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-860.88	-0.0001	P	-16.
2	☐	0.100					
3	☐	1.000	0.838	1491.20	0.0001	P	24.4
4	☐	50.000	51.538	143913.43	0.0098	P	0.7
5	☐	125.000	132.987	348026.61	0.0255	P	1.0
6	☐	250.000	266.453	634565.63	0.0511	P	2.2
7	☐	500.000	515.487	1166352.48	0.0989	P	1.1
8	☐	1000.000	987.068	2168133.43	0.1894	P	0.4
9	☐			2403.50	0.0002	P	16.5

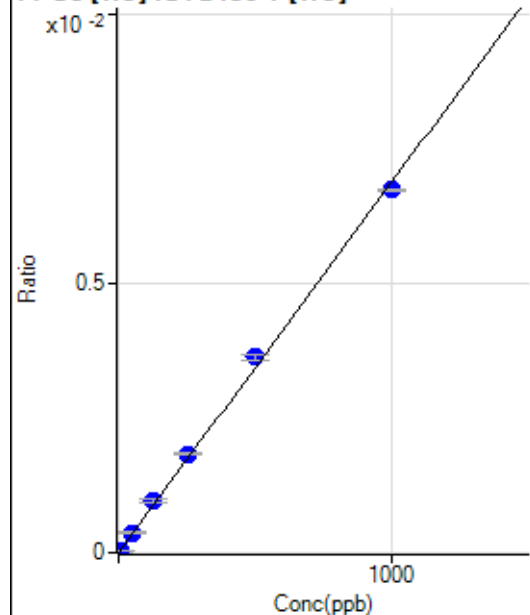
$$y = 1.9191\text{E-}004 * x - 5.8295\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.148$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1.11	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.974	98.89	0.0000	P	13.6
4	☐	50.000	53.879	883.38	0.0004	P	6.1
5	☐	125.000	140.809	2225.76	0.0010	P	4.9
6	☐	250.000	266.621	3873.92	0.0018	P	1.6
7	☐	500.000	527.725	7092.97	0.0036	P	2.5
8	☐	1000.000	979.807	13264.01	0.0067	P	0.6
9	☐			3.33	0.0000	P	99.6

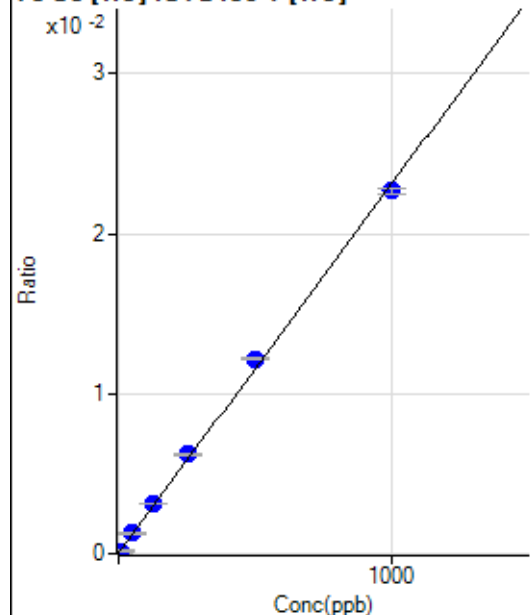
$$y = 6.8824\text{E-}006 * x + 4.1150\text{E-}007$$

$$R = 0.9992$$

$$DL = 0.3107$$

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	90.74	0.0000	P	5.8
2	☐	0.500					
3	☐	5.000	6.262	427.79	0.0002	P	13.3
4	☐	50.000	53.307	3010.84	0.0013	P	1.8
5	☐	125.000	132.980	7122.79	0.0031	P	2.2
6	☐	250.000	266.965	13070.76	0.0062	P	0.3
7	☐	500.000	526.219	23768.27	0.0122	P	0.6
8	☐	1000.000	981.480	44591.13	0.0227	P	1.8
9	☐			91.97	0.0000	P	10.5

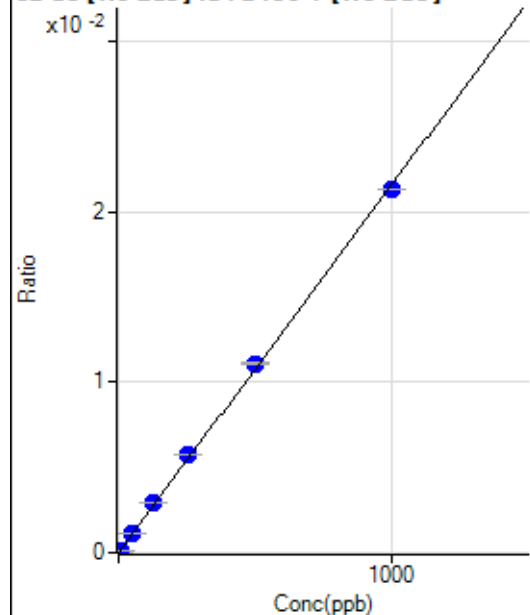
$$y = 2.3065E-005 * x + 3.5402E-005$$

$$R = 0.9993$$

$$DL = 0.266$$

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	44.36	0.0000	P	171.
2	☐	0.500					
3	☐	5.000	5.743	1847.02	0.0001	P	2.6
4	☐	50.000	52.618	16668.35	0.0011	P	1.2
5	☐	125.000	134.269	39655.57	0.0029	P	0.5
6	☐	250.000	266.679	71562.71	0.0058	P	1.3
7	☐	500.000	515.179	131228.77	0.0111	P	0.9
8	☐	1000.000	986.947	243961.16	0.0213	P	0.1
9	☐			134.15	0.0000	P	73.6

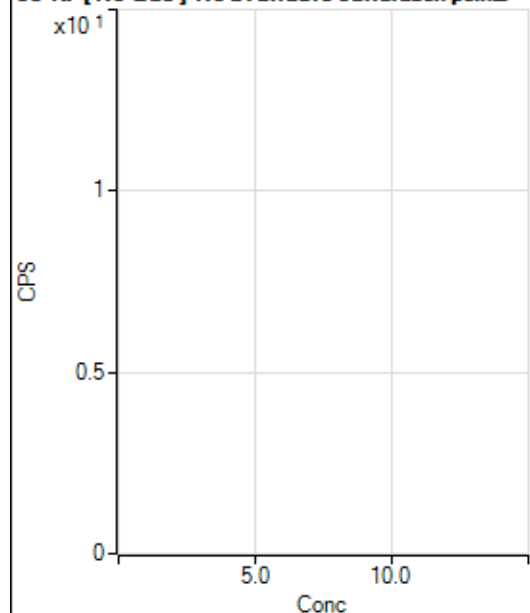
$$y = 2.1586E-005 * x + 3.0179E-006$$

$$R = 0.9997$$

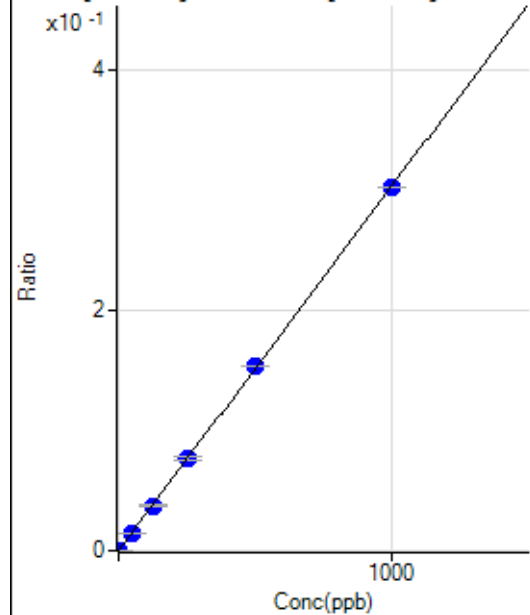
$$DL = 0.7203$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			540.02		P	11.1
2	☐						
3	☐			540.02		P	6.4
4	☐			512.24		P	4.6
5	☐			555.57		P	6.2
6	☐			532.24		P	5.1
7	☐			497.79		P	8.4
8	☐			464.46		P	3.0
9	☐			588.91		P	6.8

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	977.86	0.0001	P	4.0
2	☐	0.100					
3	☐	1.000	0.919	5009.43	0.0003	P	4.4
4	☐	50.000	47.051	209298.63	0.0143	P	1.0
5	☐	125.000	123.318	510789.14	0.0374	P	1.0
6	☐	250.000	253.338	952962.43	0.0767	P	2.3
7	☐	500.000	506.902	1809830.31	0.1534	P	0.3
8	☐	1000.000	996.072	3450744.22	0.3014	P	0.1
9	☐			15228.21	0.0013	P	3.1

$$y = 3.0251\text{E-}004 * x + 6.6357\text{E-}005$$

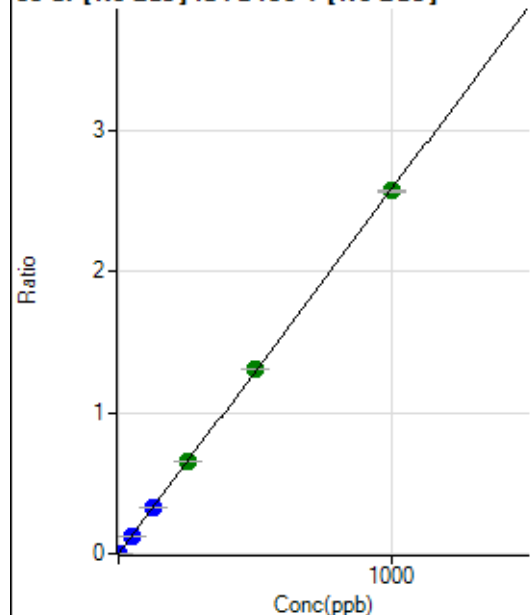
$$R = 0.9999$$

$$DL = 0.02618$$

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	163.90	0.0000	P	19.1
2	☐	0.100					
3	☐	1.000	0.963	36313.67	0.0025	P	0.3
4	☐	50.000	47.673	1800831.44	0.1230	P	1.0
5	☐	125.000	127.119	4483849.93	0.3281	P	0.6
6	☐	250.000	252.909	8109135.77	0.6527	A	1.7
7	☐	500.000	506.612	15423780.21	1.3074	A	0.0
8	☐	1000.000	995.818	29423346.84	2.5698	A	0.3
9	☐			130998.69	0.0116	P	3.6

$$y = 0.0026 * x + 1.1139E-005$$

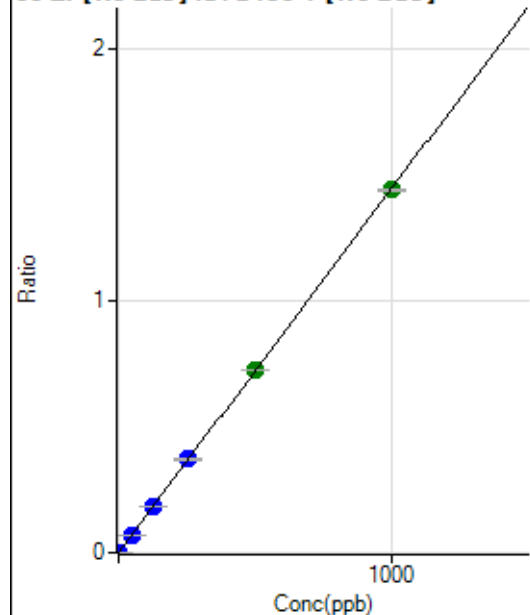
$$R = 1.0000$$

$$DL = 0.002477$$

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	1072.30	0.0001	P	12.9
2	☐	0.100					
3	☐	1.000	0.917	20354.02	0.0014	P	2.2
4	☐	50.000	47.933	1016130.09	0.0694	P	1.0
5	☐	125.000	126.230	2497266.46	0.1827	P	0.4
6	☐	250.000	257.481	4629445.81	0.3726	P	1.8
7	☐	500.000	502.454	8577177.01	0.7271	A	0.6
8	☐	1000.000	996.853	16514730.23	1.4424	A	0.4
9	☐			6212.71	0.0005	P	6.0

$$y = 0.0014 * x + 7.2755E-005$$

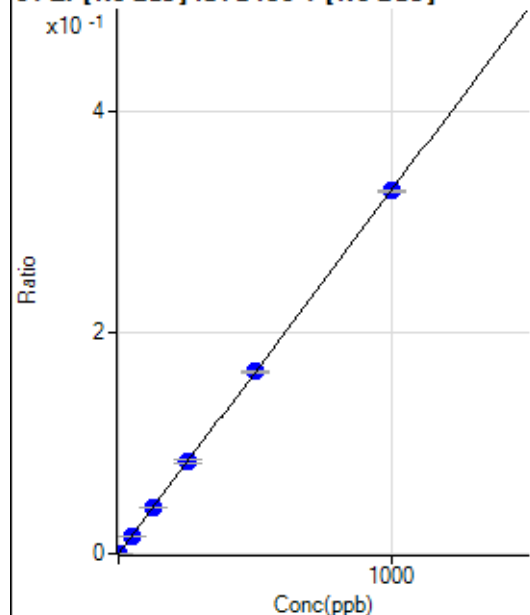
$$R = 1.0000$$

$$DL = 0.01946$$

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	169.45	0.0000	P	7.4
2	☐	0.100					
3	☐	1.000	0.928	4595.40	0.0003	P	3.6
4	☐	50.000	47.000	226009.99	0.0154	P	1.1
5	☐	125.000	124.823	560255.18	0.0410	P	0.2
6	☐	250.000	253.899	1035741.39	0.0834	P	2.2
7	☐	500.000	501.631	1942953.86	0.1647	P	0.7
8	☐	1000.000	998.382	3752881.90	0.3278	P	0.5
9	☐			1286.23	0.0001	P	7.2

$$y = 3.2830\text{E-}004 * x + 1.1505\text{E-}005$$

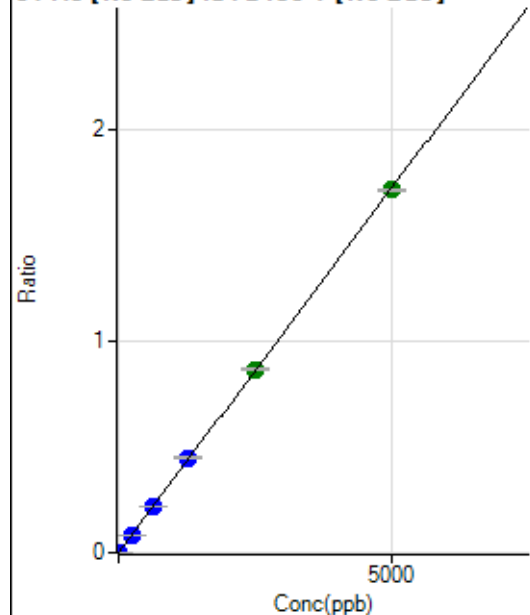
$$R = 1.0000$$

$$DL = 0.00773$$

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	425.02	0.0000	P	8.5
2	☐	0.500					
3	☐	5.000	4.890	24919.82	0.0017	P	0.5
4	☐	250.000	238.839	1204805.85	0.0823	P	1.1
5	☐	625.000	630.803	2970840.65	0.2174	P	0.9
6	☐	1250.000	1298.639	5559288.49	0.4475	P	1.9
7	☐	2500.000	2516.412	10228333.82	0.8670	A	1.0
8	☐	5000.000	4979.467	19642794.71	1.7156	A	0.2
9	☐			14936.26	0.0013	P	1.2

$$y = 3.4453\text{E-}004 * x + 2.8812\text{E-}005$$

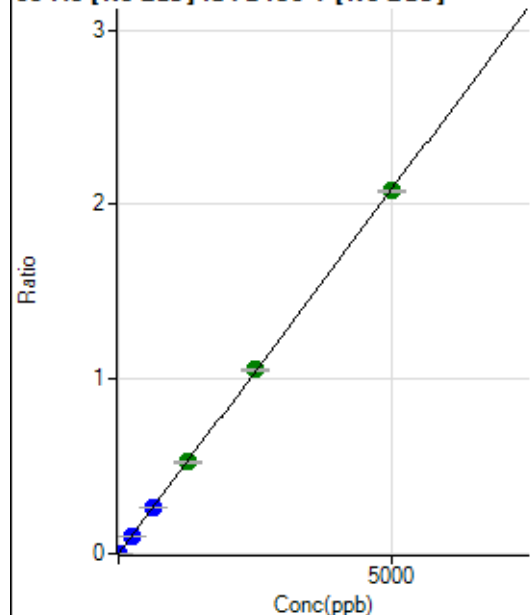
$$R = 0.9999$$

$$DL = 0.02135$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	23.0
2	☐	0.500					
3	☐	5.000	5.015	30550.23	0.0021	P	1.4
4	☐	250.000	240.241	1467440.36	0.1003	P	0.9
5	☐	625.000	638.072	3639349.56	0.2663	P	0.6
6	☐	1250.000	1265.718	6562033.04	0.5282	A	2.3
7	☐	2500.000	2528.282	12446600.28	1.0550	A	0.7
8	☐	5000.000	4980.783	23796578.66	2.0785	A	0.7
9	☐			22176.30	0.0020	P	2.3

$$y = 4.1729\text{E-}004 * x + 7.9346\text{E-}006$$

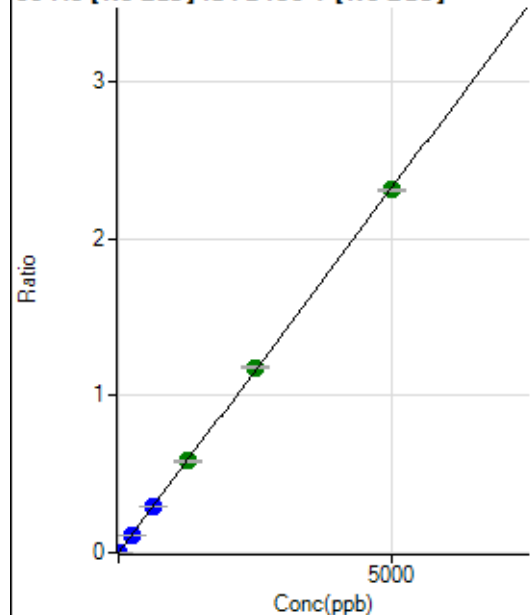
$$R = 1.0000$$

$$DL = 0.0131$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	40.6
2	☐	0.500					
3	☐	5.000	5.001	33980.30	0.0023	P	0.6
4	☐	250.000	240.041	1632939.48	0.1116	P	1.0
5	☐	625.000	636.435	4042698.88	0.2958	P	0.1
6	☐	1250.000	1263.410	7294597.82	0.5872	A	2.4
7	☐	2500.000	2537.454	13911555.52	1.1792	A	0.7
8	☐	5000.000	4976.989	26481587.22	2.3129	A	0.4
9	☐			30820.40	0.0027	P	3.0

$$y = 4.6472\text{E-}004 * x + 1.2766\text{E-}005$$

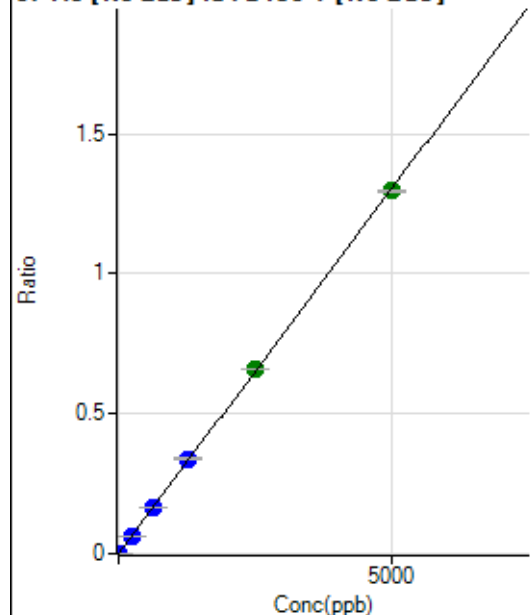
$$R = 0.9999$$

$$DL = 0.03345$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	50.00	0.0000	P	61.0
2	☐	0.500					
3	☐	5.000	5.056	19202.58	0.0013	P	2.2
4	☐	250.000	238.967	911255.17	0.0623	P	0.4
5	☐	625.000	633.701	2256419.62	0.1651	P	0.3
6	☐	1250.000	1293.712	4187276.70	0.3370	P	2.1
7	☐	2500.000	2529.165	7772896.88	0.6589	A	0.7
8	☐	5000.000	4973.954	14835711.44	1.2958	A	0.2
9	☐			13417.90	0.0012	P	2.3

$$y = 2.6051E-004 * x + 3.4164E-006$$

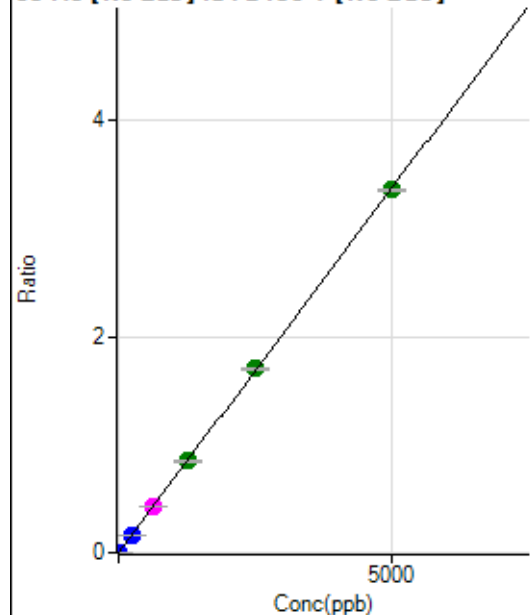
$$R = 0.9999$$

$$DL = 0.02399$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	21.9
2	☐	0.500					
3	☐	5.000	4.975	48904.82	0.0034	P	1.4
4	☐	250.000	240.476	2370111.90	0.1619	P	0.6
5	☐	625.000	632.901	5824536.11	0.4261	M	1.7
6	☐	1250.000	1263.390	10568714.73	0.8507	A	2.2
7	☐	2500.000	2527.971	20080361.39	1.7021	A	0.6
8	☐	5000.000	4982.156	38407135.58	3.3545	A	0.4
9	☐			33401.15	0.0029	P	0.2

$$y = 6.7331E-004 * x + 1.2832E-005$$

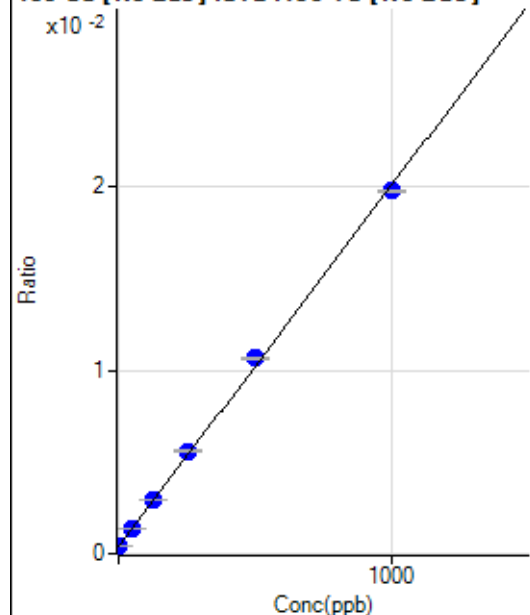
$$R = 1.0000$$

$$DL = 0.01253$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7735.76	0.0004	P	1.1
2	☐	0.100					
3	☐	1.000	-0.019	7563.42	0.0004	P	1.6
4	☐	50.000	50.048	27961.70	0.0014	P	1.8
5	☐	125.000	131.166	57548.08	0.0030	P	0.3
6	☐	250.000	264.378	101884.20	0.0056	P	1.5
7	☐	500.000	521.832	189483.44	0.0107	P	0.8
8	☐	1000.000	984.717	348071.55	0.0198	P	0.3
9	☐			5795.86	0.0003	P	4.5

$$y = 1.9710\text{E-}005 * x + 3.7772\text{E-}004$$

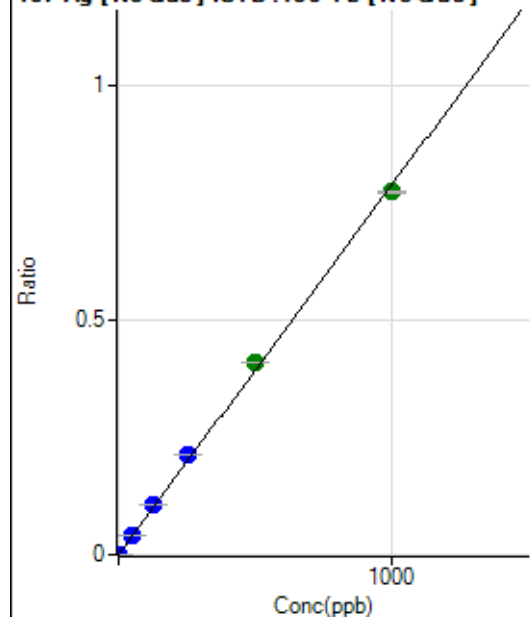
$$R = 0.9995$$

$$DL = 0.617$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0000	P	21.2
2	☐	0.100					
3	☐	1.000	1.093	17447.48	0.0009	P	1.8
4	☐	50.000	53.777	867996.19	0.0424	P	0.9
5	☐	125.000	137.223	2098684.07	0.1081	P	0.6
6	☐	250.000	271.852	3902232.21	0.2141	P	1.1
7	☐	500.000	520.241	7278958.75	0.4096	A	0.4
8	☐	1000.000	982.700	13611597.87	0.7738	A	0.5
9	☐			1519.60	0.0001	P	11.1

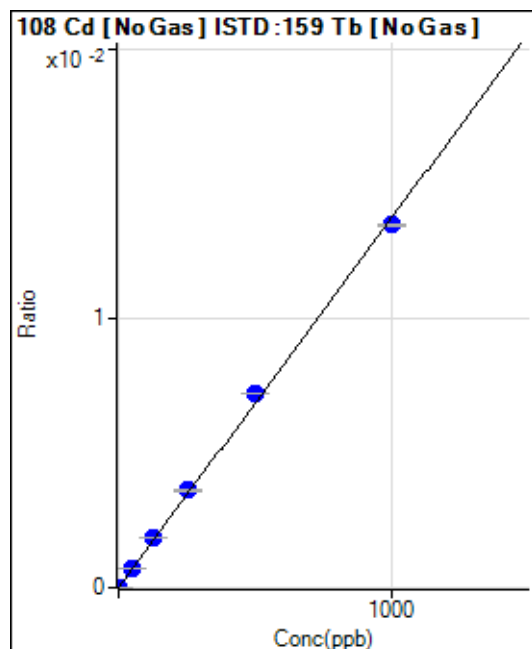
$$y = 7.8738\text{E-}004 * x + 9.8838\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.007992$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	14.0
2	☐	0.100					
3	☐	1.000	1.044	305.56	0.0000	P	14.3
4	☐	50.000	52.845	14863.57	0.0007	P	2.3
5	☐	125.000	134.583	35841.48	0.0018	P	0.8
6	☐	250.000	265.085	66247.31	0.0036	P	1.9
7	☐	500.000	525.488	127993.60	0.0072	P	0.6
8	☐	1000.000	982.145	236806.19	0.0135	P	0.6
9	☐			56.94	0.0000	P	23.9

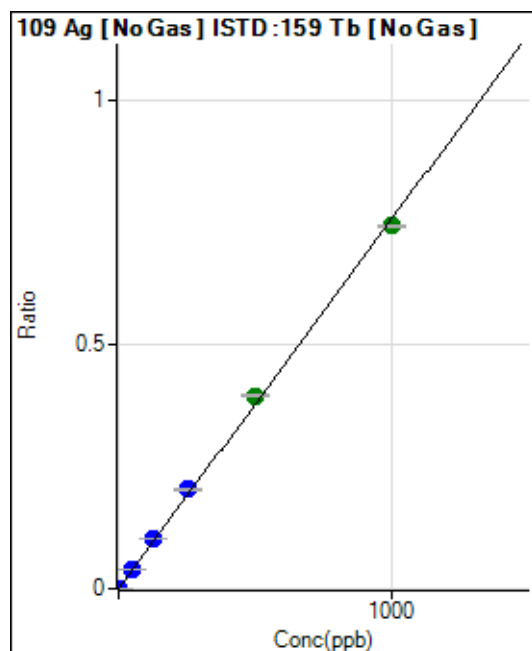
$$y = 1.3705E-005 * x + 9.5091E-007$$

$$R = 0.9994$$

$$DL = 0.02906$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	80.56	0.0000	P	25.3
2	☐	0.100					
3	☐	1.000	1.091	16604.84	0.0008	P	3.1
4	☐	50.000	53.548	829617.18	0.0405	P	1.0
5	☐	125.000	136.858	2009239.28	0.1035	P	0.4
6	☐	250.000	268.918	3705680.59	0.2033	P	1.1
7	☐	500.000	522.525	7018550.59	0.3950	A	0.4
8	☐	1000.000	982.348	13062195.69	0.7425	A	0.3
9	☐			1277.89	0.0001	P	12.2

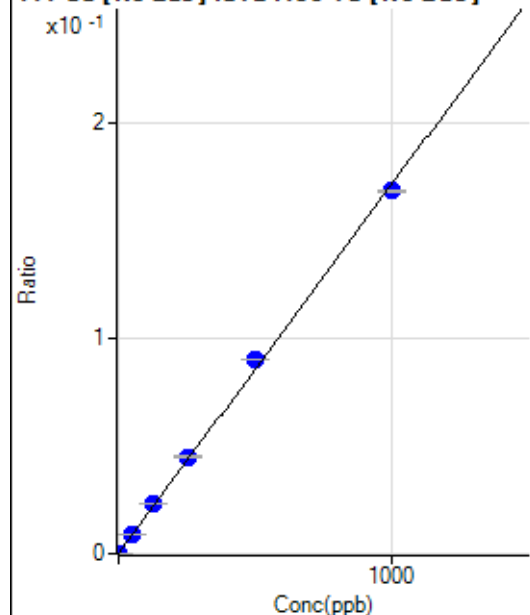
$$y = 7.5589E-004 * x + 3.9452E-006$$

$$R = 0.9994$$

$$DL = 0.003965$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1565.49	0.0001	P	1.8
2	☐	0.100					
3	☐	1.000	1.063	5171.62	0.0003	P	1.6
4	☐	50.000	51.762	182890.07	0.0089	P	0.4
5	☐	125.000	133.272	443873.76	0.0229	P	0.3
6	☐	250.000	262.758	820059.29	0.0450	P	1.1
7	☐	500.000	524.795	1595163.17	0.0898	P	0.3
8	☐	1000.000	983.291	2957638.39	0.1681	P	0.5
9	☐			1612.39	0.0001	P	3.3

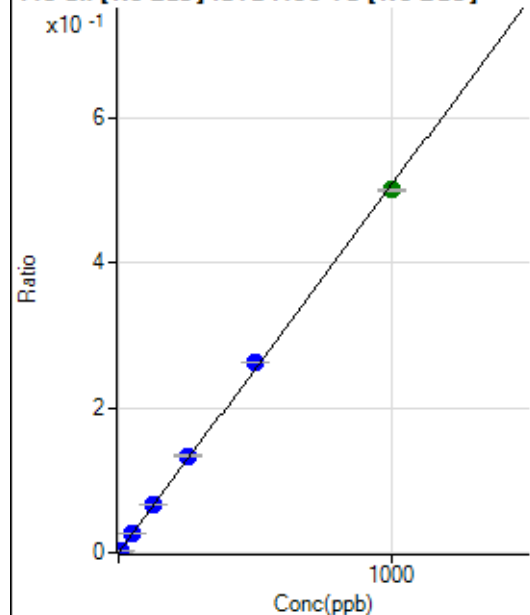
$$y = 1.7091\text{E-}004 * x + 7.6444\text{E-}005$$

$$R = 0.9994$$

$$DL = 0.02384$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	713.94	0.0000	P	14.7
2	☐	0.500					
3	☐	5.000	5.378	55451.82	0.0028	P	1.2
4	☐	50.000	50.973	531385.14	0.0259	P	1.3
5	☐	125.000	131.966	1302658.59	0.0671	P	0.7
6	☐	250.000	263.347	2439342.42	0.1338	P	1.4
7	☐	500.000	517.829	4674945.38	0.2631	P	0.3
8	☐	1000.000	986.828	8819078.32	0.5013	A	0.5
9	☐			6073.79	0.0004	P	3.7

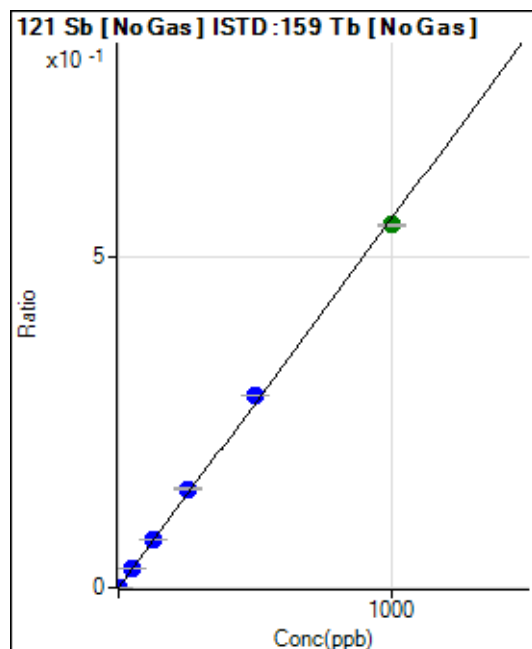
$$y = 5.0800\text{E-}004 * x + 3.4809\text{E-}005$$

$$R = 0.9996$$

$$DL = 0.03024$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	84.0
2	☐	0.200					
3	☐	2.000	1.969	22062.50	0.0011	P	2.5
4	☐	50.000	50.618	578772.26	0.0282	P	1.0
5	☐	125.000	132.653	1437284.74	0.0740	P	0.4
6	☐	250.000	267.733	2722714.36	0.1494	P	1.5
7	☐	500.000	521.725	5171808.40	0.2910	P	0.1
8	☐	1000.000	983.717	9653507.94	0.5488	A	0.6
9	☐			16538.12	0.0010	P	5.4

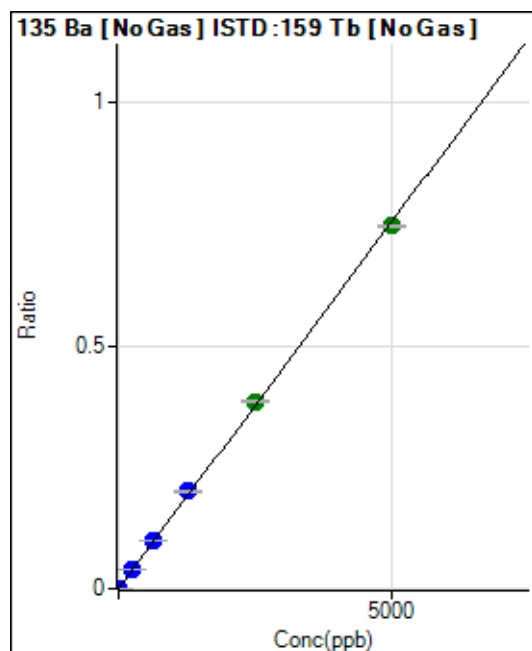
$$y = 5.5786\text{E-}004 * x + 2.7313\text{E-}006$$

$$R = 0.9994$$

$$DL = 0.01234$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.00	0.0000	P	51.2
2	☐	1.000					
3	☐	10.000	10.554	32021.28	0.0016	P	0.5
4	☐	250.000	251.447	777809.50	0.0380	P	0.8
5	☐	625.000	658.499	1930120.31	0.0994	P	0.8
6	☐	1250.000	1331.262	3662412.62	0.2009	P	1.4
7	☐	2500.000	2553.085	6846631.58	0.3853	A	0.6
8	☐	5000.000	4948.881	13137912.10	0.7469	A	0.5
9	☐			2347.53	0.0001	P	8.6

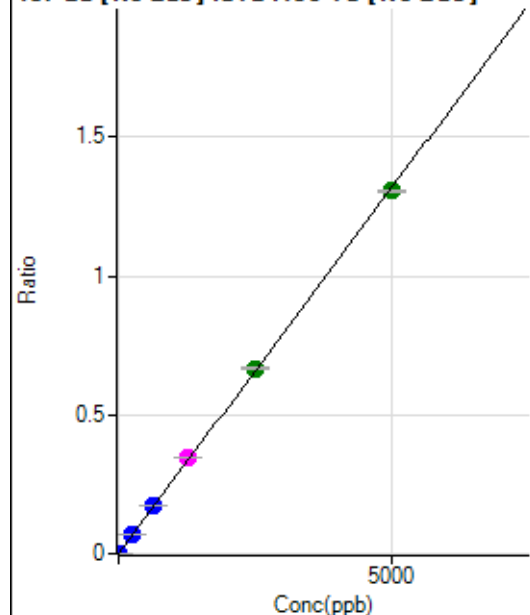
$$y = 1.5091\text{E-}004 * x + 4.8930\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.0498$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	100.01	0.0000	P	44.4
2	☐	1.000					
3	☐	10.000	10.333	54613.93	0.0027	P	0.7
4	☐	250.000	251.704	1357934.21	0.0663	P	0.9
5	☐	625.000	659.449	3371319.65	0.1736	P	0.3
6	☐	1250.000	1316.670	6318406.43	0.3466	M	1.1
7	☐	2500.000	2536.741	11865259.29	0.6677	A	0.5
8	☐	5000.000	4960.570	22968894.26	1.3057	A	0.4
9	☐			4022.98	0.0002	P	6.4

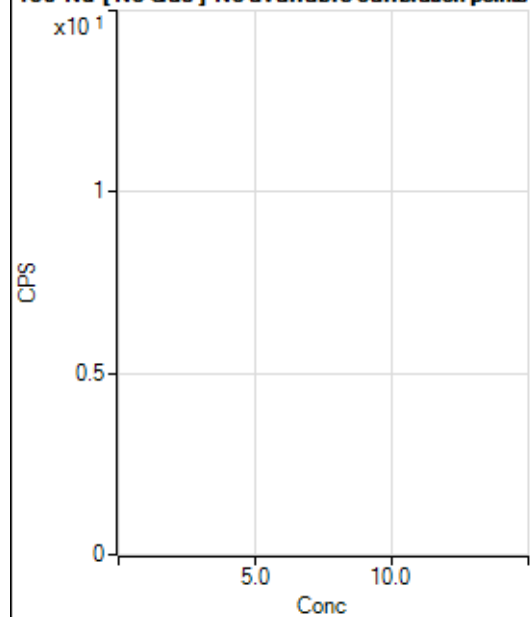
$$y = 2.6322E-004 * x + 4.9086E-006$$

$$R = 0.9998$$

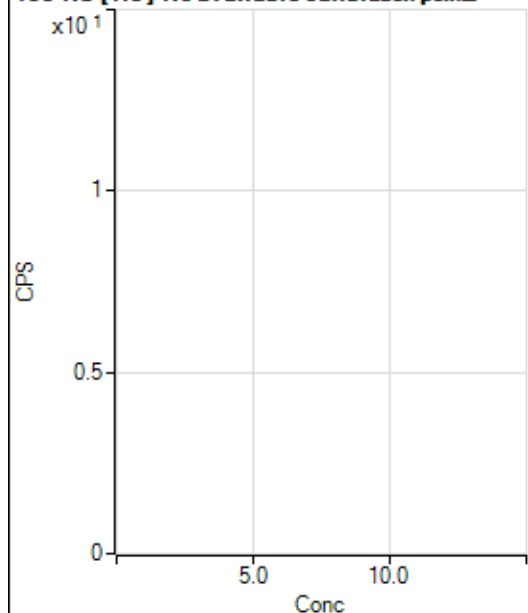
$$DL = 0.02484$$

Weight: <None>

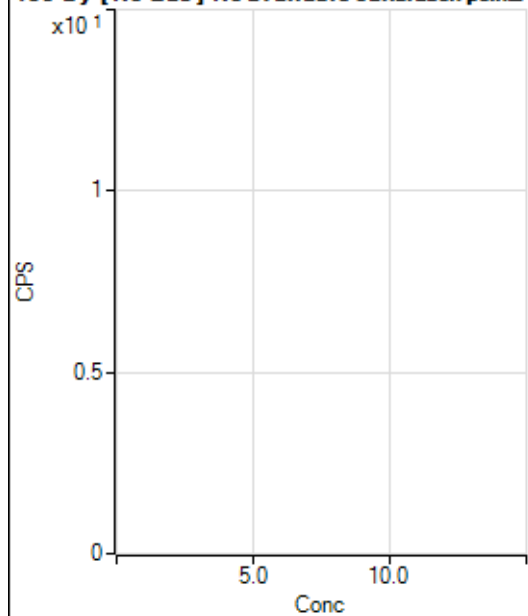
Min Conc: 0

150 Nd [No Gas] No available calibration points

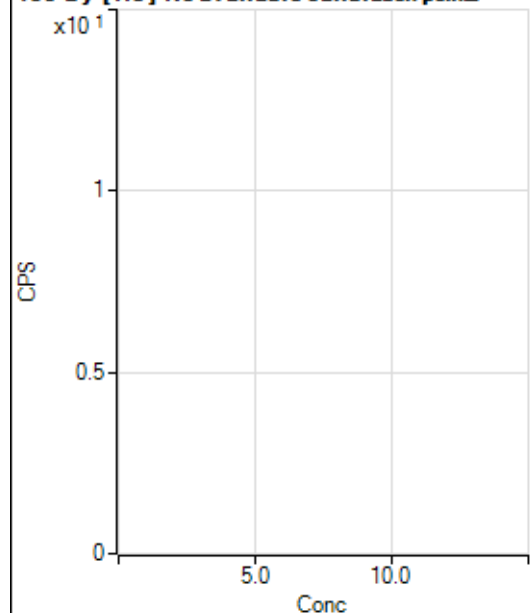
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	173.
4	☐			84.45		P	25.4
5	☐			202.23		P	16.3
6	☐			273.35		P	17.1
7	☐			571.14		P	1.8
8	☐			1182.32		P	5.7
9	☐			215.57		P	12.5

150 Nd [He] No available calibration points

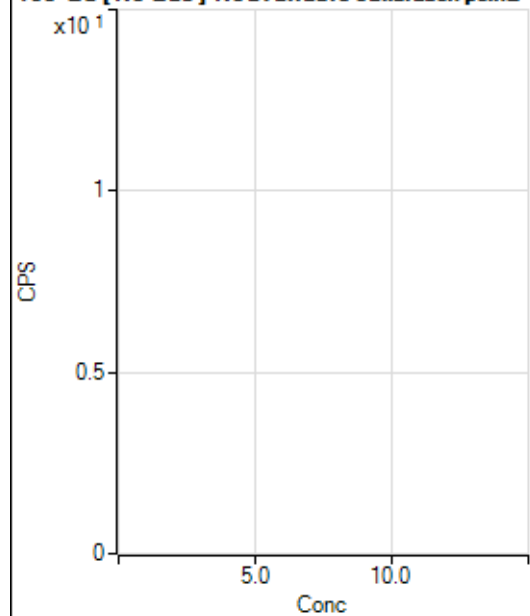
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			1.11		P	173.
4	☐			8.89		P	57.3
5	☐			20.00		P	16.7
6	☐			30.00		P	38.5
7	☐			81.11		P	21.1
8	☐			111.11		P	8.7
9	☐			104.45		P	12.1

156 Dy [No Gas] No available calibration points

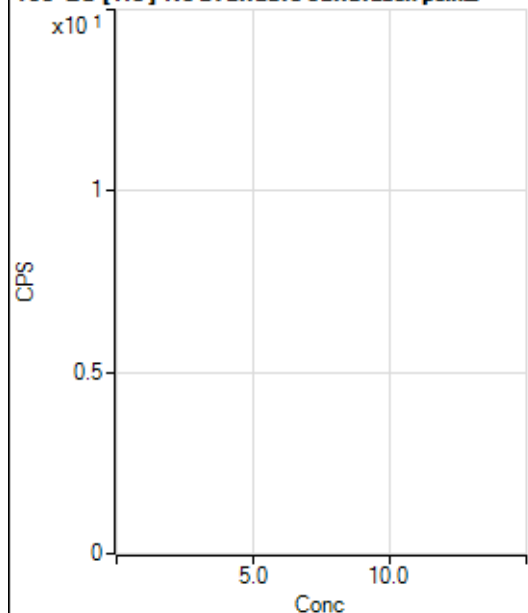
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	8.7
2	☐						
3	☐			30.55		P	15.7
4	☐			33.33		P	25.0
5	☐			38.89		P	65.5
6	☐			69.45		P	13.9
7	☐			147.23		P	40.2
8	☐			219.46		P	15.8
9	☐			180.56		P	30.7

156 Dy [He] No available calibration points

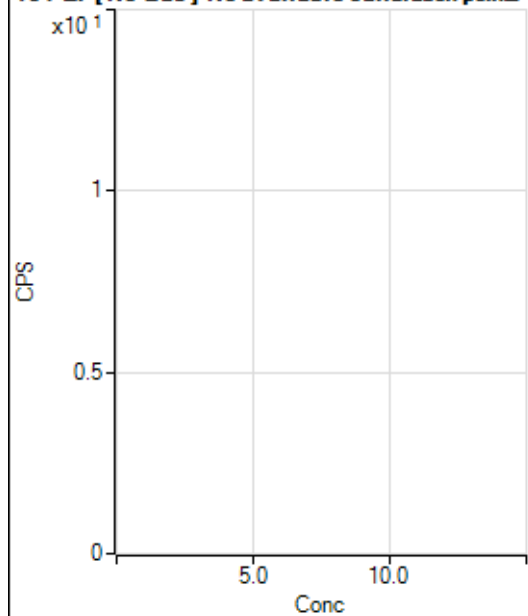
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			12.22		P	31.5
2	☐						
3	☐			7.78		P	65.5
4	☐			21.11		P	50.8
5	☐			47.78		P	28.2
6	☐			80.00		P	22.0
7	☐			157.78		P	8.0
8	☐			276.67		P	21.3
9	☐			66.67		P	18.0

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

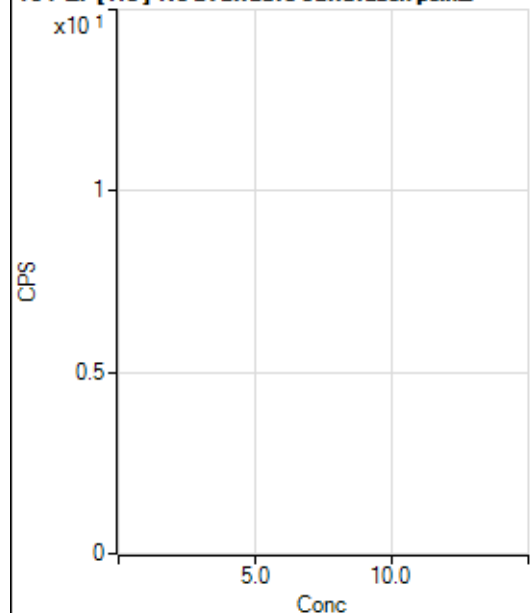
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			102.78		P	20.4
2	☐						
3	☐			108.34		P	7.7
4	☐			91.67		P	31.5
5	☐			111.11		P	30.3
6	☐			111.12		P	28.4
7	☐			105.56		P	31.9
8	☐			130.56		P	29.5
9	☐			191.68		P	4.3

160 Gd [He] No available calibration points

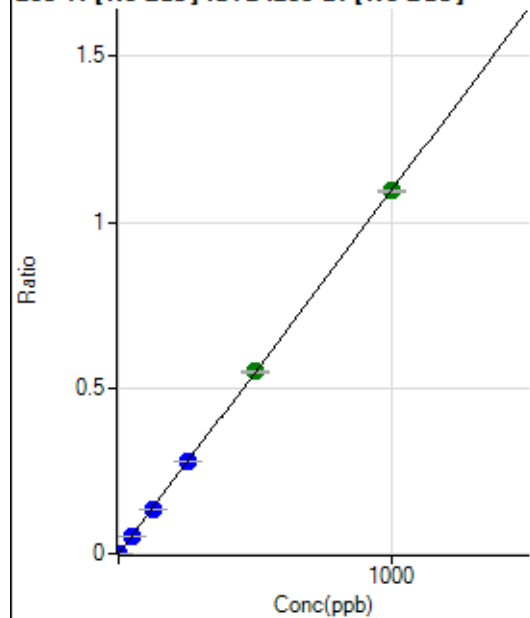
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			331.12		P	10.8
2	☐						
3	☐			281.12		P	5.3
4	☐			304.45		P	3.8
5	☐			274.45		P	9.1
6	☐			252.23		P	0.8
7	☐			265.56		P	9.1
8	☐			242.23		P	21.0
9	☐			297.79		P	4.5

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			38.89		P	44.6
2	☐						
3	☐			55.56		P	70.9
4	☐			83.34		P	20.0
5	☐			80.56		P	36.3
6	☐			66.67		P	12.5
7	☐			61.11		P	43.8
8	☐			83.34		P	26.5
9	☐			108.34		P	7.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			24.45		P	43.8
2	☐						
3	☐			28.89		P	40.5
4	☐			40.00		P	14.4
5	☐			43.33		P	7.7
6	☐			23.33		P	37.8
7	☐			32.22		P	29.8
8	☐			55.55		P	24.3
9	☐			55.55		P	24.2

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	294.46	0.0000	P	29.7
2	☐	0.100					
3	☐	1.000	0.906	14469.57	0.0010	P	3.2
4	☐	50.000	46.716	741623.50	0.0512	P	1.7
5	☐	125.000	123.182	1850173.48	0.1350	P	0.7
6	☐	250.000	254.120	3588162.01	0.2784	P	1.4
7	☐	500.000	501.112	6819621.42	0.5490	A	0.8
8	☐	1000.000	998.806	13189345.43	1.0942	A	0.4
9	☐			3239.44	0.0003	P	4.4

$$y = 0.0011 * x + 2.0314E-005$$

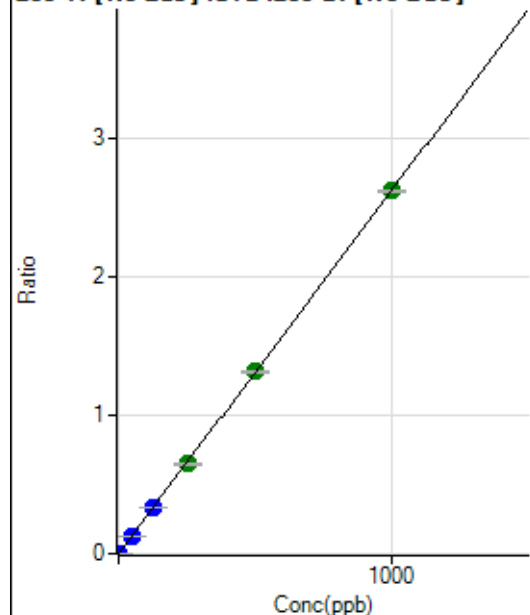
$$R = 1.0000$$

$$DL = 0.01654$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	591.71	0.0000	P	13.2
2	☐	0.100					
3	☐	1.000	0.917	34885.82	0.0024	P	1.2
4	☐	50.000	47.318	1795384.67	0.1239	P	0.9
5	☐	125.000	124.983	4486761.00	0.3273	P	0.5
6	☐	250.000	247.245	8343918.07	0.6474	A	1.9
7	☐	500.000	502.322	16339004.88	1.3153	A	1.0
8	☐	1000.000	999.664	31551706.61	2.6174	A	0.3
9	☐			7605.28	0.0007	P	4.4

$$y = 0.0026 * x + 4.0717E-005$$

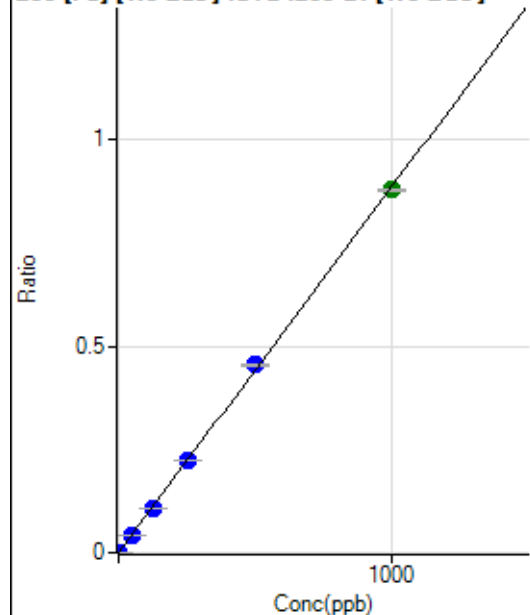
$$R = 1.0000$$

$$DL = 0.006138$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	642.63	0.0000	P	3.1
2	☐	0.100					
3	☐	1.000	0.944	12576.69	0.0009	P	1.7
4	☐	50.000	46.900	602044.96	0.0416	P	1.0
5	☐	125.000	123.479	1499016.74	0.1093	P	0.1
6	☐	250.000	252.839	2885175.53	0.2238	P	1.3
7	☐	500.000	514.103	5653531.15	0.4551	P	1.4
8	☐	1000.000	992.584	10591651.16	0.8786	A	0.3
9	☐			21746.16	0.0021	P	1.4

$$y = 8.8516E-004 * x + 4.4255E-005$$

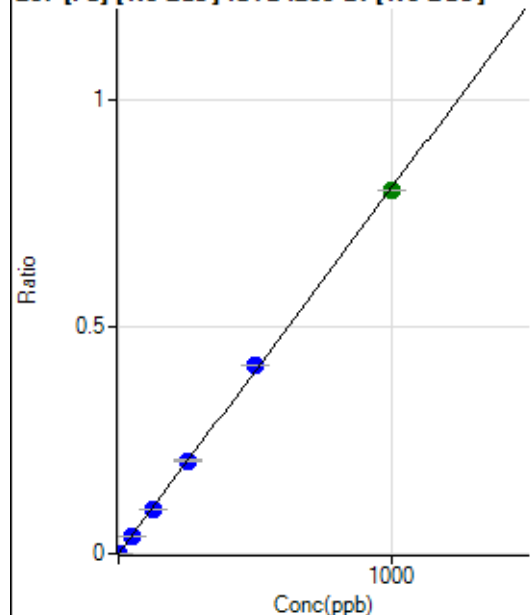
$$R = 0.9998$$

$$DL = 0.00468$$

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	574.11	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.912	11060.41	0.0008	P	1.7
4	☐	50.000	46.829	546946.29	0.0378	P	1.0
5	☐	125.000	123.103	1359748.54	0.0992	P	0.2
6	☐	250.000	253.579	2632750.38	0.2043	P	1.5
7	☐	500.000	514.861	5151794.44	0.4147	P	0.6
8	☐	1000.000	992.071	9632055.31	0.7990	A	0.1
9	☐			18999.16	0.0019	P	4.9

$$y = 8.0539E-004 * x + 3.9478E-005$$

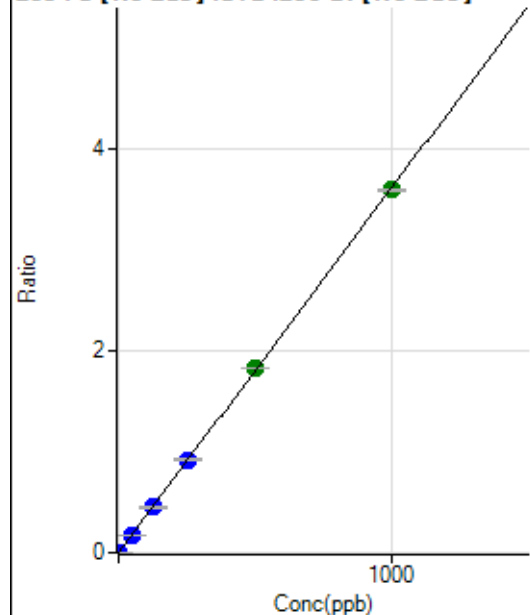
$$R = 0.9998$$

$$DL = 0.01397$$

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	2644.63	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	0.929	50485.21	0.0035	P	0.7
4	☐	50.000	46.947	2455077.71	0.1695	P	0.8
5	☐	125.000	123.914	6128135.38	0.4470	P	0.1
6	☐	250.000	255.661	11884664.01	0.9221	P	1.2
7	☐	500.000	507.386	22731469.03	1.8298	A	0.4
8	☐	1000.000	995.180	43260551.89	3.5887	A	0.2
9	☐			87202.73	0.0085	P	3.4

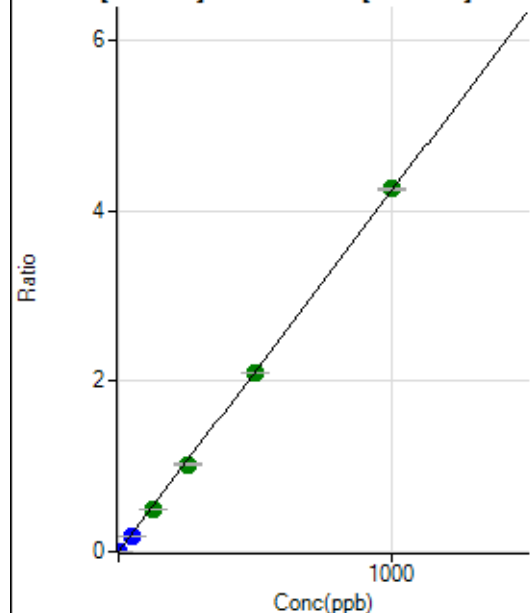
$$y = 0.0036 * x + 1.8205E-004$$

$$R = 0.9999$$

$$DL = 0.003377$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	125.93	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	0.839	50888.13	0.0036	P	0.5
4	☐	50.000	43.925	2694029.28	0.1860	P	1.0
5	☐	125.000	115.090	6679760.91	0.4872	A	0.5
6	☐	250.000	241.248	13163743.35	1.0213	A	1.5
7	☐	500.000	494.826	26024592.94	2.0949	A	0.5
8	☐	1000.000	1006.318	51354654.39	4.2603	A	0.7
9	☐			5653.24	0.0005	P	8.5

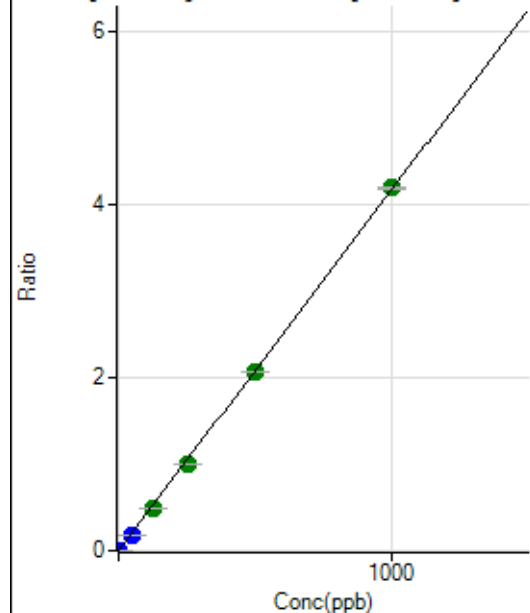
$$y = 0.0042 * x + 8.6692E-006$$

$$R = 0.9999$$

$$DL = 0.0006862$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	469.47	0.0000	P	17.6
2	☐	0.100					
3	☐	1.000	0.872	52412.19	0.0037	P	2.3
4	☐	50.000	44.559	2692222.98	0.1858	P	0.6
5	☐	125.000	115.227	6587304.05	0.4805	A	0.5
6	☐	250.000	239.577	12876022.34	0.9990	A	1.4
7	☐	500.000	496.629	25725910.47	2.0708	A	0.7
8	☐	1000.000	1005.785	50554866.06	4.1939	A	0.3
9	☐			3578.45	0.0003	P	10.6

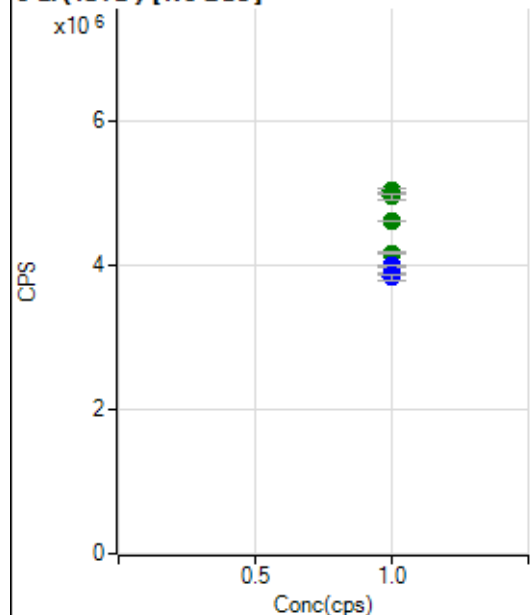
$$y = 0.0042 * x + 3.2383E-005$$

$$R = 0.9999$$

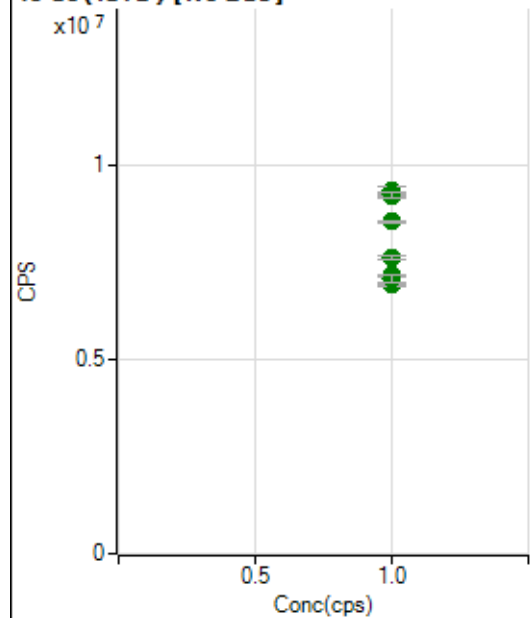
$$DL = 0.00409$$

Weight: <None>

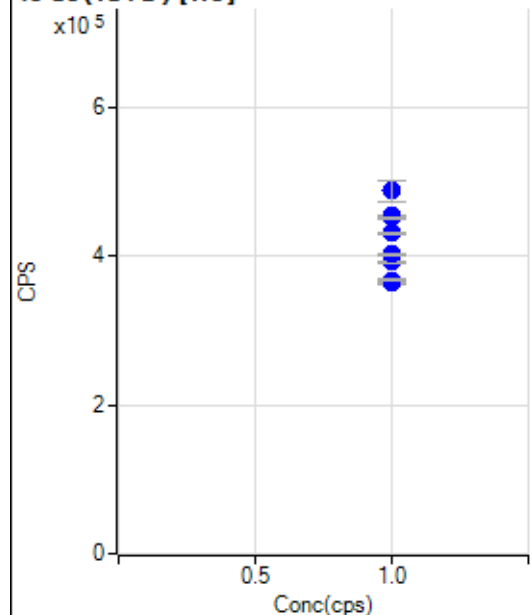
Min Conc: 0

6 Li (ISTD) [No Gas]

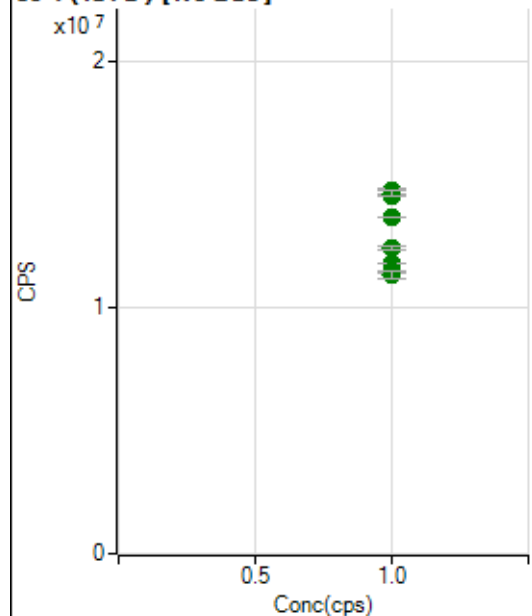
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5023322.64		A	1.3
2	☐	1.000					
3	☐	1.000		4986497.95		A	0.3
4	☐	1.000		4940981.08		A	1.3
5	☐	1.000		4606030.94		A	0.5
6	☐	1.000		4162385.84		A	0.9
7	☐	1.000		3986702.83		P	0.6
8	☐	1.000		3868099.05		P	0.5
9	☐	1.000		3822845.78		P	2.3

45 Sc (ISTD) [No Gas]

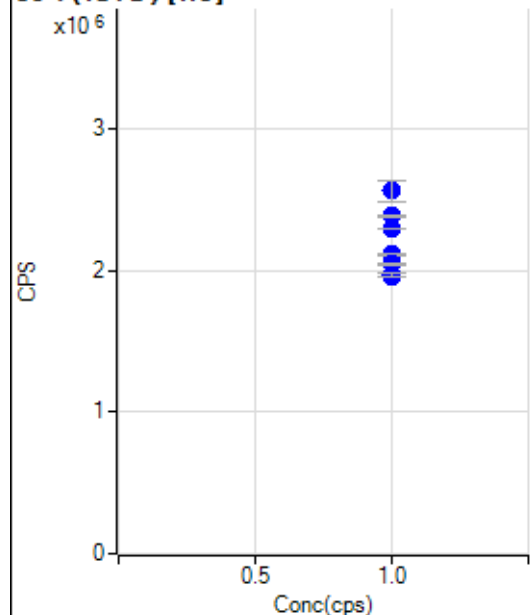
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9341348.99		A	2.2
2	☐	1.000					
3	☐	1.000		9234034.67		A	0.7
4	☐	1.000		9235673.38		A	1.3
5	☐	1.000		8560833.26		A	0.5
6	☐	1.000		7626895.05		A	1.1
7	☐	1.000		7155240.53		A	0.6
8	☐	1.000		6923227.58		A	0.6
9	☐	1.000		7089660.31		A	3.1

45 Sc (ISTD) [He]

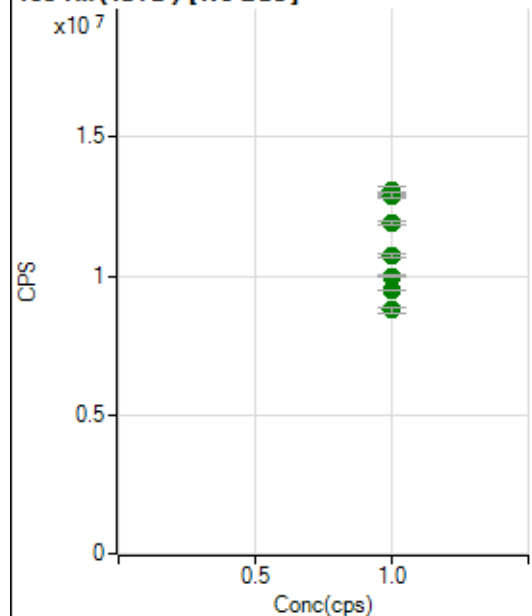
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		487069.34		P	5.7
2	☐	1.000					
3	☐	1.000		453953.14		P	0.3
4	☐	1.000		450506.25		P	1.0
5	☐	1.000		430476.43		P	0.5
6	☐	1.000		391917.32		P	0.6
7	☐	1.000		362951.11		P	0.4
8	☐	1.000		367845.38		P	0.8
9	☐	1.000		402436.89		P	0.8

89 Y (ISTD) [No Gas]

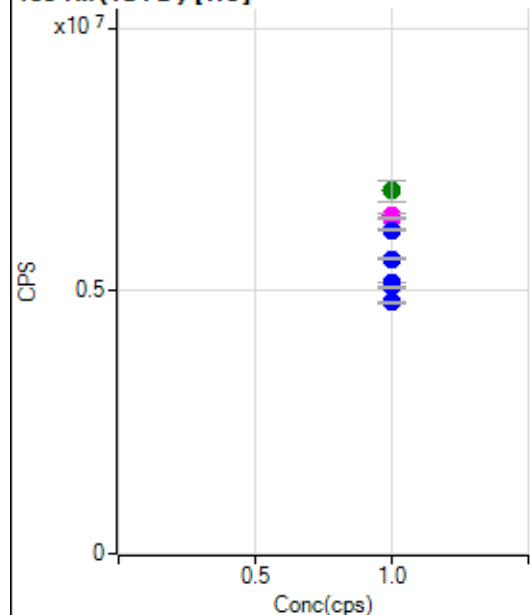
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14741845.34		A	1.8
2	☐	1.000					
3	☐	1.000		14542578.40		A	0.7
4	☐	1.000		14637587.28		A	1.3
5	☐	1.000		13667972.58		A	0.2
6	☐	1.000		12426358.57		A	1.4
7	☐	1.000		11797405.10		A	0.4
8	☐	1.000		11449506.36		A	0.6
9	☐	1.000		11340199.97		A	2.8

89 Y (ISTD) [He]

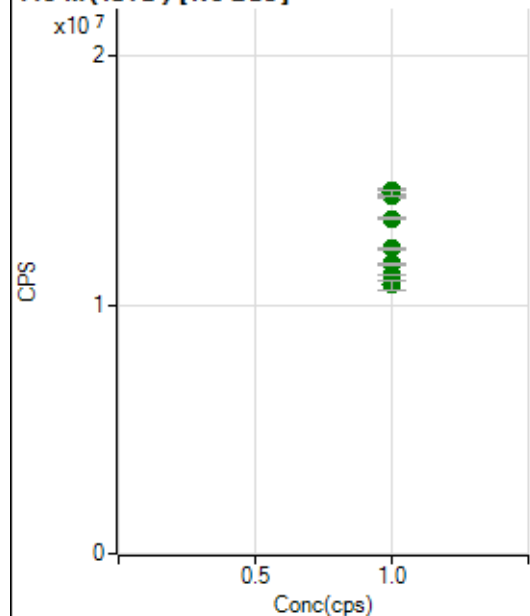
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2558220.76		P	6.1
2	☐	1.000					
3	☐	1.000		2380096.46		P	0.6
4	☐	1.000		2380012.60		P	1.0
5	☐	1.000		2295810.61		P	0.2
6	☐	1.000		2110571.82		P	0.6
7	☐	1.000		1952623.81		P	0.4
8	☐	1.000		1966930.65		P	1.2
9	☐	1.000		2041862.61		P	1.0

103 Rh (ISTD) [No Gas]

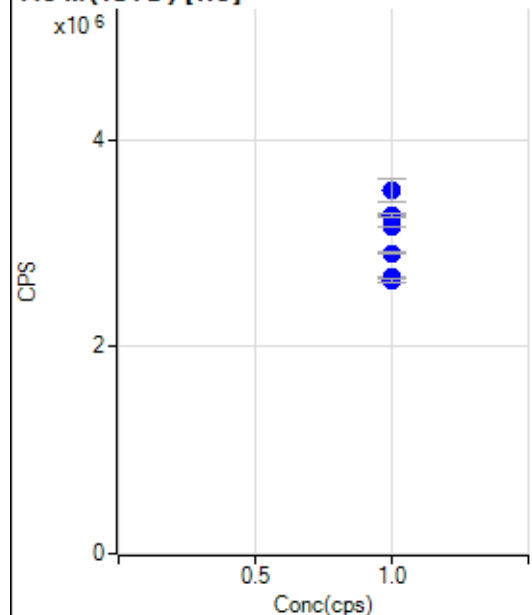
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13057555.33		A	2.4
2	☐	1.000					
3	☐	1.000		12872792.39		A	0.8
4	☐	1.000		12888272.77		A	1.6
5	☐	1.000		11902835.42		A	0.7
6	☐	1.000		10711838.61		A	1.1
7	☐	1.000		9993028.09		A	0.9
8	☐	1.000		9481633.46		A	0.7
9	☐	1.000		8767527.11		A	2.8

103 Rh (ISTD) [He]

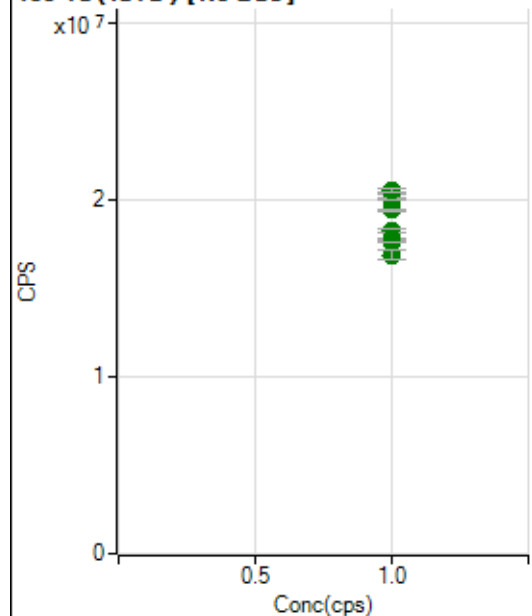
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6900134.27		A	5.8
2	☐	1.000					
3	☐	1.000		6434970.87		M	1.3
4	☐	1.000		6379895.53		M	0.9
5	☐	1.000		6146058.24		P	0.6
6	☐	1.000		5605927.21		P	0.9
7	☐	1.000		5154432.01		P	0.6
8	☐	1.000		5068960.93		P	1.3
9	☐	1.000		4772800.06		P	0.9

115 In (ISTD) [No Gas]

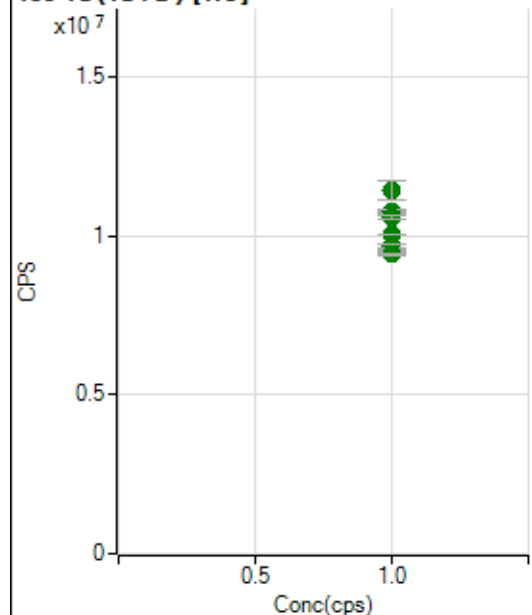
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14571160.93		A	1.4
2	☐	1.000					
3	☐	1.000		14366287.48		A	0.6
4	☐	1.000		14493733.52		A	1.7
5	☐	1.000		13467655.10		A	0.6
6	☐	1.000		12269205.09		A	0.6
7	☐	1.000		11627817.79		A	0.2
8	☐	1.000		11213901.03		A	0.3
9	☐	1.000		10784731.38		A	3.2

115 In (ISTD) [He]

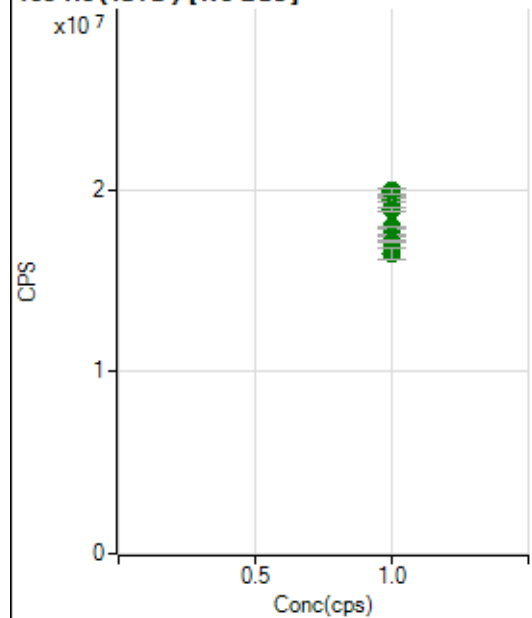
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3507960.53		P	6.3
2	☐	1.000					
3	☐	1.000		3260815.85		P	0.9
4	☐	1.000		3278604.25		P	1.1
5	☐	1.000		3154309.32		P	0.0
6	☐	1.000		2905666.06		P	0.5
7	☐	1.000		2676920.41		P	0.2
8	☐	1.000		2649412.65		P	1.4
9	☐	1.000		2642196.88		P	0.9

159 Tb (ISTD) [No Gas]

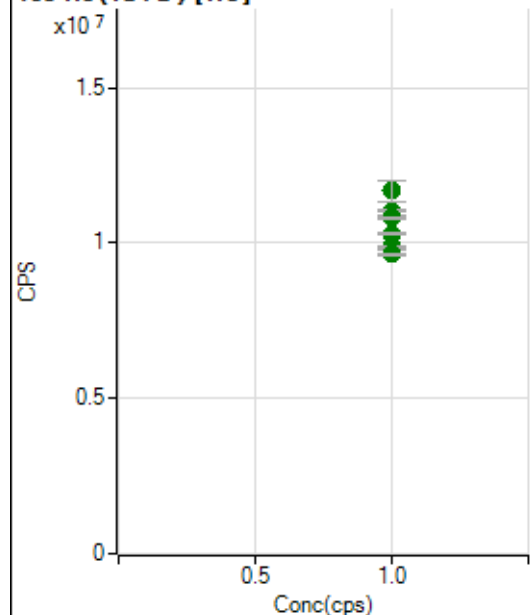
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		20480991.09		A	1.8
2	☐	1.000					
3	☐	1.000		20042630.67		A	0.7
4	☐	1.000		20495598.44		A	1.0
5	☐	1.000		19421900.54		A	0.4
6	☐	1.000		18230547.51		A	0.9
7	☐	1.000		17769497.65		A	0.4
8	☐	1.000		17591137.65		A	0.4
9	☐	1.000		16850042.11		A	3.2

159 Tb (ISTD) [He]

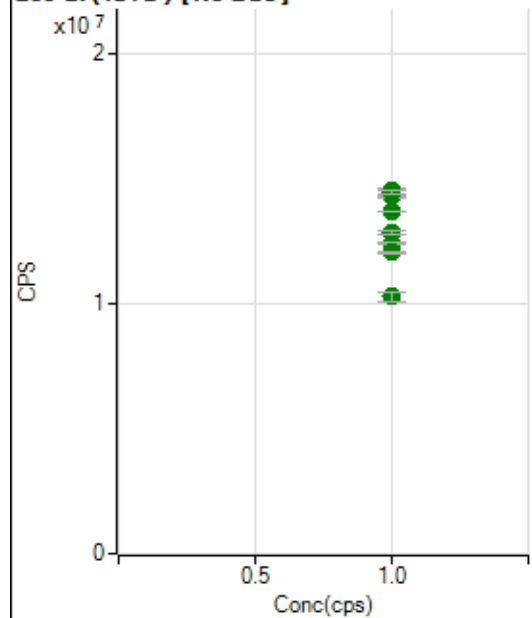
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11409325.25		A	5.5
2	☐	1.000					
3	☐	1.000		10722234.70		A	0.4
4	☐	1.000		10772424.91		A	1.0
5	☐	1.000		10579225.74		A	0.8
6	☐	1.000		10034962.56		A	0.5
7	☐	1.000		9528797.98		A	0.9
8	☐	1.000		9658666.87		A	1.0
9	☐	1.000		9421597.29		A	0.7

165 Ho (ISTD) [No Gas]

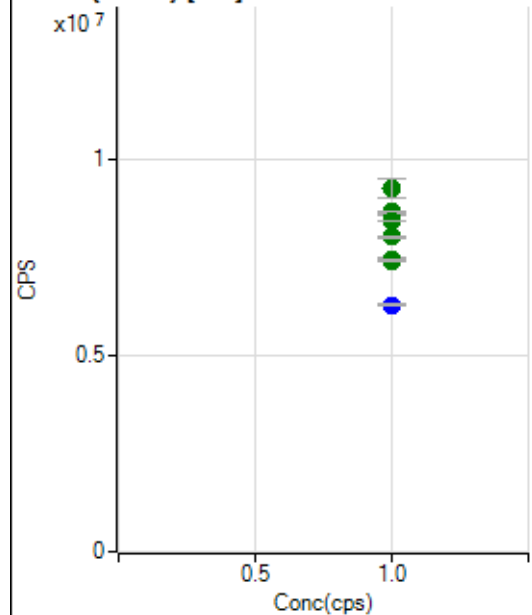
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		19896921.97		A	1.9
2	☐	1.000					
3	☐	1.000		19495644.19		A	1.1
4	☐	1.000		19940684.30		A	1.3
5	☐	1.000		18917240.01		A	0.7
6	☐	1.000		17924320.02		A	0.7
7	☐	1.000		17446808.90		A	0.6
8	☐	1.000		17168857.85		A	0.2
9	☐	1.000		16536874.33		A	3.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11680840.52		A	5.6
2	☐	1.000					
3	☐	1.000		10844219.42		A	0.4
4	☐	1.000		11048960.67		A	0.8
5	☐	1.000		10817572.27		A	0.7
6	☐	1.000		10298453.04		A	0.5
7	☐	1.000		9790098.61		A	0.7
8	☐	1.000		9897874.16		A	0.7
9	☐	1.000		9633401.04		A	1.1

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		14526830.34		A	1.9
2	☐	1.000					
3	☐	1.000		14291138.95		A	0.2
4	☐	1.000		14487468.54		A	0.9
5	☐	1.000		13709217.16		A	0.2
6	☐	1.000		12890088.56		A	1.1
7	☐	1.000		12423227.18		A	0.8
8	☐	1.000		12054478.29		A	0.4
9	☐	1.000		10279295.54		A	3.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9240830.69		A	5.2
2	☐	1.000					
3	☐	1.000		8578562.23		A	0.6
4	☐	1.000		8653637.93		A	0.8
5	☐	1.000		8427873.62		A	0.4
6	☐	1.000		8012616.27		A	0.2
7	☐	1.000		7467724.96		A	0.4
8	☐	1.000		7409175.66		A	0.9
9	☐	1.000		6282812.34		P	0.9

US EPA Tune Check Sample Report

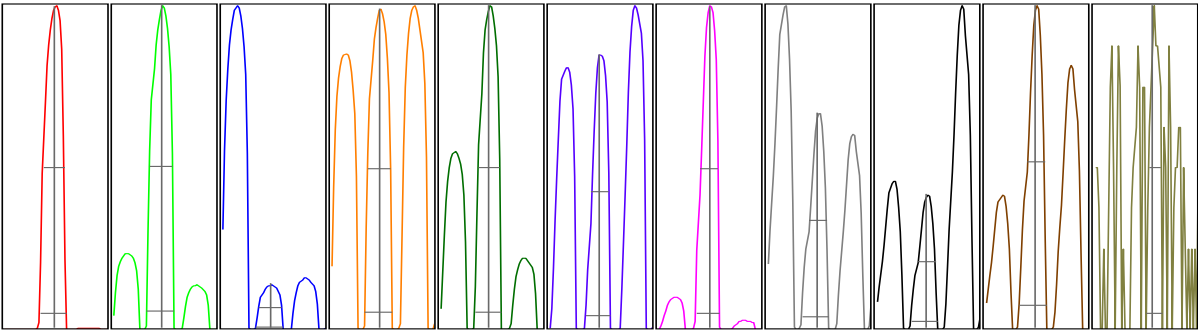
Batch Folder D:\ICP-MS Data\P7042919MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	19265	0.67	5.00	
24	361726	1.09	5.00	
25	49663	1.19	5.00	
26	57365	1.03	5.00	
59	134794	0.79	5.00	
113	18290	0.42	5.00	
115	215371	0.06	5.00	
206	60302	0.53	5.00	
207	55263	0.49	5.00	
208	131387	0.19	5.00	
220	0	28.52		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	19440	19349	19246	19146	19142
24	366930	364207	361437	358818	357237
25	50361	50185	49546	49191	49032
26	58092	57805	57359	56823	56744
59	136096	135575	134809	133745	133743
113	18309	18365	18346	18260	18172
115	215505	215212	215362	215485	215291
206	60093	59868	60560	60615	60371
207	55469	55550	55234	55200	54860
208	131488	131640	131326	131499	130980
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	32993	9.00	8.9 - 9.1		0.780	0.900	
24	580175	23.95	23.9 - 24.1		0.788	0.900	
25	79279	24.95	24.9 - 25.1		0.787	0.900	
26	92192	25.95	25.9 - 26.1		0.787	0.900	
59	229159	58.95	58.9 - 59.1		0.777	0.900	
113	35565	113.00	112.9 - 113.1		0.718	0.900	
115	417570	115.05	114.9 - 115.1		0.691	0.900	
206	118075	206.00	205.9 - 206.1		0.780	0.900	
207	107038	207.00	206.9 - 207.1		0.777	0.900	
208	257854	208.00	207.9 - 208.1		0.789	0.900	
220	0	220.25	-		0.440		

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	8.1	V	Deflect	13.6	V
Extract 2	-95.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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	35316	1.73	
89	139817	2.13	
205	56918	1.28	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	35624	35403	35652	35665	34238
89	141262	140588	141228	141484	134524
205	57238	57121	57313	57295	55623

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	8.4	V	Deflect	1.4	V
Extract 2	-105.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-55	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 :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.35	-0.03	-0.32	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.02	0.04	-0.06	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.09	-0.07	0.16	0.00	N/A	ppb
Boron	11-1	-0.01	0.03	-0.02	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.01	0.00	0.00	N/A	ppb
Cadmium	106-1	0.21	-0.20	-0.02	0.00	N/A	ppb
Cadmium	108-1	0.01	0.01	-0.01	0.00	N/A	ppb
Calcium	43-1	0.16	-1.01	0.85	0.00	N/A	ppb
Calcium	44-1	-0.11	0.33	-0.21	0.00	N/A	ppb
Chromium	52-2	0.00	-0.02	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	0.11	-0.04	-0.07	0.00	N/A	ppb
Iron	57-2	0.36	-0.10	-0.26	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	-0.22	0.24	-0.01	0.00	N/A	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	-0.01	-0.01	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	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	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	-25.71	-32.10	-28.91	-28.91		ppb
Potassium	39-2	2.39	-1.51	-0.88	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-0.06	0.12	-0.06	0.00	N/A	ppb
Selenium	78-2	-0.06	0.10	-0.04	0.00	N/A	ppb
Selenium	82-1	0.23	-0.25	0.01	0.00	N/A	ppb
Silicon	28-1	0.45	-0.14	-0.31	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	0.74	-0.42	-0.32	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-55.44	-79.81	-206.93	-114.06		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	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	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.08	0.04	0.04	0.00	N/A	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.37	20.26	18.79	18.81	7.68	ppb
Antimony	121-1	1.91	1.98	2.01	1.97	2.56	ppb
Arsenic	75-1	0.99	0.74	0.78	0.84	15.55	ppb
Barium	135-1	10.50	10.61	10.55	10.55	0.53	ppb
Barium	137-1	10.31	10.42	10.27	10.33	0.74	ppb
Beryllium	9-1	1.03	1.04	1.09	1.05	3.11	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	24.25	23.97	24.60	24.28	1.30	ppb
Boron	11-1	23.82	24.42	24.94	24.39	2.29	ppb
Cadmium	111-1	1.03	1.07	1.08	1.06	2.34	ppb
Cadmium	106-1	0.18	0.13	-0.36	-0.02		ppb
Cadmium	108-1	0.86	1.10	1.17	1.04	15.26	ppb
Calcium	43-1	461.44	460.01	462.76	461.40	0.30	ppb
Calcium	44-1	462.28	464.32	467.91	464.84	0.61	ppb
Chromium	52-2	2.09	2.07	2.11	2.09	0.78	ppb
Cobalt	59-2	1.09	1.04	1.11	1.08	3.07	ppb
Copper	63-2	2.10	2.11	2.19	2.13	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	56.52	56.07	55.96	56.18	0.52	ppb
Iron	57-2	53.55	57.05	60.28	56.96	5.91	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.96	0.93	0.94	1.77	ppb
Lead	207-1	0.92	0.89	0.92	0.91	1.76	ppb
Lead	208-1	0.93	0.94	0.93	0.93	0.72	ppb
Lithium	6-1				99		%
Magnesium	24-2	514.57	520.90	520.83	518.77	0.70	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.06	1.06	1.06	0.23	ppb
Molybdenum	94-1	4.90	4.91	4.86	4.89	0.50	ppb
Molybdenum	95-1	4.96	4.98	5.10	5.02	1.43	ppb
Molybdenum	96-1	4.97	5.03	5.00	5.00	0.58	ppb
Molybdenum	97-1	4.98	5.00	5.18	5.06	2.17	ppb
Molybdenum	98-1	5.04	4.90	4.99	4.98	1.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	1.17	1.10	1.16	4.42	ppb
Phosphorus	31-2	35.68	17.11	33.93	28.91	35.47	ppb
Potassium	39-2	498.15	503.67	502.94	501.59	0.60	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	6.22	5.06	6.64	5.97	13.69	ppb
Selenium	78-2	5.45	7.43	5.90	6.26	16.55	ppb
Selenium	82-1	5.91	5.72	5.60	5.74	2.67	ppb
Silicon	28-1	6.80	7.06	7.25	7.03	3.21	ppb
Silver	109-1	1.05	1.10	1.12	1.09	3.11	ppb
Silver	107-1	1.07	1.11	1.09	1.09	1.83	ppb
Sodium	23-2	473.34	474.61	476.38	474.78	0.32	ppb
Strontium	86-1	0.95	0.95	0.86	0.92	5.40	ppb
Strontium	88-1	0.96	0.96	0.97	0.96	0.32	ppb
Sulfur	34-1	111.67	108.81	121.72	114.06	5.94	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	0.88	0.90	0.94	0.91	3.29	ppb
Thallium	205-1	0.91	0.91	0.93	0.92	1.25	ppb
Thorium	232-1	0.84	0.83	0.84	0.84	0.55	ppb
Tin	118-1	5.37	5.44	5.31	5.38	1.21	ppb
Titanium	47-1	5.36	4.95	5.01	5.11	4.31	ppb
Uranium	238-1	0.89	0.87	0.85	0.87	2.33	ppb
Vanadium	51-2	5.34	5.53	5.50	5.46	1.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.44	2.22	2.43	2.37	5.23	ppb
Zirconium	90-1	0.93	0.93	0.89	0.92	2.33	ppb
Zirconium	91-1	0.89	0.95	0.94	0.93	3.79	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	942.19	942.17	972.50	952.28	1.84	ppb
Antimony	121-1	50.07	50.69	51.10	50.62	1.02	ppb
Arsenic	75-1	51.10	51.78	51.74	51.54	0.74	ppb
Barium	135-1	249.43	251.68	253.23	251.45	0.76	ppb
Barium	137-1	249.28	251.83	254.00	251.70	0.94	ppb
Beryllium	9-1	52.00	52.15	53.31	52.49	1.36	ppb
Bismuth	209-1				100		%
Bismuth	209-2				94		%
Boron	10-1	48.87	50.05	51.83	50.25	2.97	ppb
Boron	11-1	48.42	48.36	50.90	49.23	2.95	ppb
Cadmium	111-1	51.66	52.01	51.62	51.76	0.42	ppb
Cadmium	106-1	49.28	51.51	49.35	50.05	2.54	ppb
Cadmium	108-1	51.56	53.94	53.03	52.85	2.27	ppb
Calcium	43-1	4730.76	4735.02	4769.36	4745.05	0.45	ppb
Calcium	44-1	4717.55	4717.48	4803.26	4746.09	1.04	ppb
Chromium	52-2	51.56	51.79	52.90	52.08	1.38	ppb
Cobalt	59-2	52.69	53.05	53.73	53.16	1.00	ppb
Copper	63-2	105.74	106.16	107.28	106.39	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				100		%
Holmium	165-2				95		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	2608.45	2642.05	2693.31	2647.94	1.61	ppb
Iron	57-2	2602.67	2633.18	2651.05	2628.96	0.93	ppb
Krypton	83-1						cps
Lead	206-1	46.59	46.67	47.44	46.90	1.00	ppb
Lead	207-1	46.86	46.35	47.27	46.83	0.99	ppb
Lead	208-1	46.74	46.73	47.37	46.95	0.78	ppb
Lithium	6-1				98		%
Magnesium	24-2	4935.87	4994.13	5064.87	4998.29	1.29	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.09	102.66	103.75	102.83	0.82	ppb
Molybdenum	94-1	236.21	238.89	241.42	238.84	1.09	ppb
Molybdenum	95-1	238.11	240.37	242.25	240.24	0.86	ppb
Molybdenum	96-1	237.20	241.41	241.51	240.04	1.03	ppb
Molybdenum	97-1	238.15	238.70	240.05	238.97	0.41	ppb
Molybdenum	98-1	239.59	239.78	242.05	240.48	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.02	55.16	56.17	55.11	1.95	ppb
Phosphorus	31-2	1038.29	1083.86	1034.87	1052.34	2.60	ppb
Potassium	39-2	2437.10	2444.57	2495.06	2458.91	1.28	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				92		%
Selenium	77-2	52.83	51.26	57.55	53.88	6.08	ppb
Selenium	78-2	54.21	52.26	53.46	53.31	1.85	ppb
Selenium	82-1	51.99	52.65	53.21	52.62	1.16	ppb
Silicon	28-1	39.61	40.06	41.29	40.32	2.15	ppb
Silver	109-1	52.96	53.61	54.07	53.55	1.04	ppb
Silver	107-1	53.46	53.52	54.36	53.78	0.94	ppb
Sodium	23-2	4684.75	4707.74	4819.64	4737.38	1.52	ppb
Strontium	86-1	46.71	46.87	47.57	47.05	0.97	ppb
Strontium	88-1	47.11	47.92	47.99	47.67	1.03	ppb
Sulfur	34-1	879.85	785.82	893.58	853.08	6.88	ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	46.18	46.33	47.64	46.72	1.72	ppb
Thallium	205-1	46.92	47.28	47.75	47.32	0.88	ppb
Thorium	232-1	43.51	43.85	44.41	43.92	1.04	ppb
Tin	118-1	50.87	50.37	51.68	50.97	1.29	ppb
Titanium	47-1	237.31	235.55	240.79	237.88	1.12	ppb
Uranium	238-1	44.25	44.79	44.64	44.56	0.63	ppb
Vanadium	51-2	51.24	51.09	52.05	51.46	1.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	109.65	109.45	110.26	109.79	0.38	ppb
Zirconium	90-1	47.56	47.77	48.47	47.93	0.99	ppb
Zirconium	91-1	46.39	47.28	47.33	47.00	1.13	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 11:47:18 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2380.33	2423.32	2378.56	2394.07	1.06	ppb
Antimony	121-1	133.02	132.08	132.85	132.65	0.38	ppb
Arsenic	75-1	133.65	133.87	131.44	132.99	1.01	ppb
Barium	135-1	664.20	654.65	656.65	658.50	0.76	ppb
Barium	137-1	661.40	658.83	658.12	659.45	0.26	ppb
Beryllium	9-1	133.83	135.17	133.61	134.20	0.63	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	127.34	130.90	128.84	129.02	1.38	ppb
Boron	11-1	125.85	129.74	131.10	128.90	2.11	ppb
Cadmium	111-1	133.25	132.84	133.72	133.27	0.33	ppb
Cadmium	106-1	131.04	130.83	131.63	131.17	0.31	ppb
Cadmium	108-1	135.84	133.74	134.16	134.58	0.82	ppb
Calcium	43-1	12277.01	12215.23	12257.39	12249.88	0.26	ppb
Calcium	44-1	12125.49	12097.67	12075.50	12099.55	0.21	ppb
Chromium	52-2	127.93	128.82	128.44	128.40	0.35	ppb
Cobalt	59-2	130.99	131.53	132.05	131.52	0.40	ppb
Copper	63-2	259.59	262.24	261.04	260.96	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	6561.16	6567.90	6536.68	6555.24	0.25	ppb
Iron	57-2	6500.49	6537.90	6497.34	6511.91	0.35	ppb
Krypton	83-1						cps
Lead	206-1	123.40	123.61	123.43	123.48	0.09	ppb
Lead	207-1	123.33	122.90	123.08	123.10	0.17	ppb
Lead	208-1	123.93	123.97	123.84	123.91	0.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	12356.08	12524.08	12454.76	12444.97	0.68	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:47:18	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	255.31	254.95	255.69	255.32	0.14	ppb
Molybdenum	94-1	627.24	637.18	627.98	630.80	0.88	ppb
Molybdenum	95-1	636.67	642.58	634.97	638.07	0.63	ppb
Molybdenum	96-1	636.02	637.05	636.23	636.43	0.09	ppb
Molybdenum	97-1	631.71	634.42	634.96	633.70	0.27	ppb
Molybdenum	98-1	638.39	640.04	620.28	632.90	1.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	134.49	134.19	133.54	134.07	0.36	ppb
Phosphorus	31-2	2637.71	2515.57	2511.69	2554.99	2.80	ppb
Potassium	39-2	6094.36	6116.85	6121.49	6110.90	0.24	ppb
Rhodium	103-1				91		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				88		%
Selenium	77-2	139.32	134.84	148.27	140.81	4.86	ppb
Selenium	78-2	129.75	135.39	133.80	132.98	2.18	ppb
Selenium	82-1	133.89	134.97	133.95	134.27	0.45	ppb
Silicon	28-1	118.67	123.21	125.72	122.53	2.92	ppb
Silver	109-1	137.41	136.48	136.68	136.86	0.36	ppb
Silver	107-1	136.26	137.56	137.85	137.22	0.62	ppb
Sodium	23-2	11746.93	11804.22	11745.41	11765.52	0.28	ppb
Strontium	86-1	123.61	124.41	121.93	123.32	1.03	ppb
Strontium	88-1	127.29	127.84	126.22	127.12	0.65	ppb
Sulfur	34-1	2491.69	2435.53	2509.26	2478.82	1.55	ppb
Terbium	159-1				95		%
Terbium	159-2				93		%
Thallium	203-1	122.97	122.48	124.09	123.18	0.67	ppb
Thallium	205-1	125.15	124.30	125.50	124.98	0.50	ppb
Thorium	232-1	115.72	115.06	114.49	115.09	0.53	ppb
Tin	118-1	132.92	131.12	131.86	131.97	0.69	ppb
Titanium	47-1	621.90	626.67	627.27	625.28	0.47	ppb
Uranium	238-1	115.61	115.44	114.62	115.23	0.46	ppb
Vanadium	51-2	127.01	127.73	128.30	127.68	0.51	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:47:18	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	269.33	272.27	272.56	271.39	0.66	ppb
Zirconium	90-1	126.31	126.71	125.67	126.23	0.41	ppb
Zirconium	91-1	125.05	124.90	124.52	124.82	0.22	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 11:51:08 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4733.08	4818.68	4730.15	4760.64	1.06	ppb
Antimony	121-1	272.17	264.41	266.62	267.73	1.49	ppb
Arsenic	75-1	272.61	260.94	265.81	266.45	2.20	ppb
Barium	135-1	1350.79	1313.16	1329.83	1331.26	1.42	ppb
Barium	137-1	1300.67	1320.35	1328.99	1316.67	1.10	ppb
Beryllium	9-1	270.64	266.16	268.70	268.50	0.84	ppb
Bismuth	209-1				89		%
Bismuth	209-2				87		%
Boron	10-1	255.82	260.00	266.77	260.86	2.12	ppb
Boron	11-1	255.51	257.81	264.03	259.12	1.70	ppb
Cadmium	111-1	266.01	260.19	262.08	262.76	1.13	ppb
Cadmium	106-1	268.63	264.21	260.29	264.38	1.58	ppb
Cadmium	108-1	270.90	263.04	261.31	265.08	1.93	ppb
Calcium	43-1	25478.95	24484.85	24940.60	24968.14	1.99	ppb
Calcium	44-1	25217.30	24124.69	24583.06	24641.69	2.23	ppb
Chromium	52-2	255.72	256.82	257.40	256.64	0.33	ppb
Cobalt	59-2	258.73	261.55	259.26	259.85	0.58	ppb
Copper	63-2	511.18	516.17	517.94	515.10	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				88		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	13069.92	13138.42	13148.36	13118.90	0.33	ppb
Iron	57-2	13002.75	13103.55	13143.33	13083.21	0.55	ppb
Krypton	83-1						cps
Lead	206-1	256.63	250.19	251.70	252.84	1.33	ppb
Lead	207-1	257.15	249.63	253.96	253.58	1.49	ppb
Lead	208-1	258.57	252.64	255.78	255.66	1.16	ppb
Lithium	6-1				83		%
Magnesium	24-2	24709.92	24874.53	24671.68	24752.05	0.44	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:51:08	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.34	514.44	515.57	513.78	0.43	ppb
Molybdenum	94-1	1327.42	1279.94	1288.55	1298.64	1.95	ppb
Molybdenum	95-1	1297.43	1239.62	1260.11	1265.72	2.32	ppb
Molybdenum	96-1	1298.02	1238.76	1253.45	1263.41	2.44	ppb
Molybdenum	97-1	1324.06	1272.80	1284.28	1293.71	2.08	ppb
Molybdenum	98-1	1294.69	1243.35	1252.13	1263.39	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.89	265.06	266.31	265.42	0.29	ppb
Phosphorus	31-2	5141.60	5074.72	5166.95	5127.76	0.93	ppb
Potassium	39-2	12071.22	12242.30	12118.67	12144.06	0.73	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				80		%
Selenium	77-2	271.33	265.83	262.71	266.62	1.64	ppb
Selenium	78-2	267.72	266.84	266.34	266.96	0.26	ppb
Selenium	82-1	270.06	263.25	266.73	266.68	1.28	ppb
Silicon	28-1	263.18	263.76	271.41	266.12	1.73	ppb
Silver	109-1	272.24	266.88	267.63	268.92	1.08	ppb
Silver	107-1	275.01	269.46	271.08	271.85	1.05	ppb
Sodium	23-2	23669.17	23757.01	23688.25	23704.81	0.19	ppb
Strontium	86-1	260.06	248.77	251.18	253.34	2.35	ppb
Strontium	88-1	257.54	249.04	252.14	252.91	1.70	ppb
Sulfur	34-1	5479.26	5093.27	5230.17	5267.57	3.72	ppb
Terbium	159-1				89		%
Terbium	159-2				88		%
Thallium	203-1	257.53	250.35	254.48	254.12	1.42	ppb
Thallium	205-1	252.03	242.84	246.86	247.25	1.86	ppb
Thorium	232-1	244.86	237.61	241.28	241.25	1.50	ppb
Tin	118-1	267.54	260.15	262.35	263.35	1.44	ppb
Titanium	47-1	1308.67	1263.49	1277.22	1283.13	1.81	ppb
Uranium	238-1	241.78	235.79	241.16	239.58	1.38	ppb
Vanadium	51-2	253.56	254.46	254.70	254.24	0.24	ppb
Yttrium	89-1				84		%
Yttrium	89-2				83		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:51:08	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	531.70	535.17	532.32	533.06	0.35	ppb
Zirconium	90-1	262.31	253.20	256.93	257.48	1.78	ppb
Zirconium	91-1	260.08	249.68	251.94	253.90	2.16	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9556.00	9581.45	9580.28	9572.58	0.15	ppb
Antimony	121-1	522.28	521.39	521.51	521.72	0.09	ppb
Arsenic	75-1	510.17	521.46	514.83	515.49	1.10	ppb
Barium	135-1	2547.26	2569.99	2542.01	2553.09	0.58	ppb
Barium	137-1	2536.85	2548.95	2524.43	2536.74	0.48	ppb
Beryllium	9-1	513.04	513.50	516.11	514.22	0.32	ppb
Bismuth	209-1				86		%
Bismuth	209-2				81		%
Boron	10-1	499.05	502.63	512.59	504.76	1.39	ppb
Boron	11-1	493.93	500.09	511.94	501.99	1.82	ppb
Cadmium	111-1	524.84	522.94	526.61	524.80	0.35	ppb
Cadmium	106-1	522.04	525.86	517.59	521.83	0.79	ppb
Cadmium	108-1	522.79	529.01	524.66	525.49	0.61	ppb
Calcium	43-1	50115.45	50412.12	50604.22	50377.26	0.49	ppb
Calcium	44-1	49458.06	49783.48	49731.00	49657.51	0.35	ppb
Chromium	52-2	513.49	513.80	517.03	514.78	0.38	ppb
Cobalt	59-2	516.63	517.36	519.07	517.69	0.24	ppb
Copper	63-2	1015.41	1017.78	1022.70	1018.63	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				88		%
Holmium	165-2				84		%
Indium	115-1				80		%
Indium	115-2				76		%
Iron	56-2	26332.29	26336.20	26481.29	26383.26	0.32	ppb
Iron	57-2	26037.22	26195.35	26253.54	26162.04	0.43	ppb
Krypton	83-1						cps
Lead	206-1	506.88	514.52	520.90	514.10	1.37	ppb
Lead	207-1	511.37	516.11	517.10	514.86	0.59	ppb
Lead	208-1	504.99	509.01	508.16	507.39	0.42	ppb
Lithium	6-1				79		%
Magnesium	24-2	50087.48	50199.44	50290.60	50192.51	0.20	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1027.63	1027.89	1035.07	1030.20	0.41	ppb
Molybdenum	94-1	2502.53	2544.47	2502.23	2516.41	0.97	ppb
Molybdenum	95-1	2518.35	2548.72	2517.78	2528.28	0.70	ppb
Molybdenum	96-1	2516.05	2550.11	2546.20	2537.45	0.73	ppb
Molybdenum	97-1	2517.87	2549.60	2520.02	2529.16	0.70	ppb
Molybdenum	98-1	2523.10	2545.55	2515.27	2527.97	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.11	523.34	526.85	523.77	0.55	ppb
Phosphorus	31-2	10056.50	10107.47	10315.88	10159.95	1.35	ppb
Potassium	39-2	24293.72	24118.44	24316.58	24242.91	0.45	ppb
Rhodium	103-1				77		%
Rhodium	103-2				75		%
Scandium	45-1				77		%
Scandium	45-2				75		%
Selenium	77-2	542.49	523.30	517.38	527.72	2.49	ppb
Selenium	78-2	525.36	529.94	523.36	526.22	0.64	ppb
Selenium	82-1	510.74	519.77	515.03	515.18	0.88	ppb
Silicon	28-1	496.99	509.78	519.74	508.84	2.24	ppb
Silver	109-1	524.40	522.48	520.69	522.53	0.36	ppb
Silver	107-1	518.19	520.23	522.31	520.24	0.40	ppb
Sodium	23-2	48188.69	47998.95	48156.67	48114.77	0.21	ppb
Strontium	86-1	505.60	508.46	506.65	506.90	0.29	ppb
Strontium	88-1	506.39	506.80	506.64	506.61	0.04	ppb
Sulfur	34-1	10098.35	10134.13	10174.49	10135.65	0.38	ppb
Terbium	159-1				87		%
Terbium	159-2				84		%
Thallium	203-1	496.28	503.19	503.87	501.11	0.84	ppb
Thallium	205-1	497.51	502.39	507.06	502.32	0.95	ppb
Thorium	232-1	491.91	496.27	496.30	494.83	0.51	ppb
Tin	118-1	518.01	516.40	519.08	517.83	0.26	ppb
Titanium	47-1	2544.04	2543.17	2557.79	2548.33	0.32	ppb
Uranium	238-1	492.60	498.77	498.51	496.63	0.70	ppb
Vanadium	51-2	512.86	511.21	513.72	512.60	0.25	ppb
Yttrium	89-1				80		%
Yttrium	89-2				76		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1021.85	1029.94	1029.55	1027.11	0.44	ppb
Zirconium	90-1	498.96	503.79	504.60	502.45	0.61	ppb
Zirconium	91-1	499.80	505.45	499.64	501.63	0.66	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:58:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18656.57	18589.51	18255.71	18500.60	1.16	ppb
Antimony	121-1	985.47	988.17	977.51	983.72	0.56	ppb
Arsenic	75-1	984.09	991.96	985.16	987.07	0.43	ppb
Barium	135-1	4953.50	4971.61	4921.54	4948.88	0.51	ppb
Barium	137-1	4944.15	4979.72	4957.84	4960.57	0.36	ppb
Beryllium	9-1	989.79	984.64	986.53	986.99	0.26	ppb
Bismuth	209-1				83		%
Bismuth	209-2				80		%
Boron	10-1	980.63	995.26	1007.34	994.41	1.34	ppb
Boron	11-1	977.96	998.35	1012.57	996.29	1.75	ppb
Cadmium	111-1	984.74	986.91	978.22	983.29	0.46	ppb
Cadmium	106-1	985.71	986.71	981.73	984.72	0.27	ppb
Cadmium	108-1	987.75	981.71	976.97	982.14	0.55	ppb
Calcium	43-1	98804.30	98499.27	98936.84	98746.80	0.23	ppb
Calcium	44-1	97467.63	97275.81	97276.30	97339.92	0.11	ppb
Chromium	52-2	995.01	994.26	981.99	990.42	0.74	ppb
Cobalt	59-2	989.60	996.78	976.78	987.72	1.03	ppb
Copper	63-2	1997.22	2000.00	1958.45	1985.22	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				85		%
Indium	115-1				77		%
Indium	115-2				76		%
Iron	56-2	50813.61	50656.51	49898.42	50456.18	0.97	ppb
Iron	57-2	50815.11	50877.87	49991.58	50561.52	0.98	ppb
Krypton	83-1						cps
Lead	206-1	995.21	989.64	992.89	992.58	0.28	ppb
Lead	207-1	993.20	990.66	992.34	992.07	0.13	ppb
Lead	208-1	994.82	993.52	997.20	995.18	0.19	ppb
Lithium	6-1				77		%
Magnesium	24-2	96902.01	97378.54	95980.69	96753.75	0.73	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:58:41	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1993.89	1992.08	1955.98	1980.65	1.08	ppb
Molybdenum	94-1	4975.34	4992.02	4971.04	4979.47	0.22	ppb
Molybdenum	95-1	4963.45	5021.88	4957.02	4980.78	0.72	ppb
Molybdenum	96-1	4966.53	5000.53	4963.91	4976.99	0.41	ppb
Molybdenum	97-1	4963.76	4987.28	4970.82	4973.95	0.24	ppb
Molybdenum	98-1	4976.46	5006.09	4963.92	4982.16	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.95	988.59	974.08	982.87	0.79	ppb
Phosphorus	31-2	19780.00	20163.62	19692.17	19878.60	1.26	ppb
Potassium	39-2	47118.87	47365.64	46507.18	46997.23	0.94	ppb
Rhodium	103-1				73		%
Rhodium	103-2				73		%
Scandium	45-1				74		%
Scandium	45-2				76		%
Selenium	77-2	986.54	975.65	977.23	979.81	0.60	ppb
Selenium	78-2	997.06	985.05	962.33	981.48	1.80	ppb
Selenium	82-1	988.61	986.35	985.88	986.95	0.15	ppb
Silicon	28-1	973.45	999.19	1004.48	992.37	1.67	ppb
Silver	109-1	978.77	983.94	984.33	982.35	0.32	ppb
Silver	107-1	987.94	977.71	982.45	982.70	0.52	ppb
Sodium	23-2	93762.83	94146.83	92839.67	93583.11	0.72	ppb
Strontium	86-1	995.01	997.74	995.47	996.07	0.15	ppb
Strontium	88-1	992.24	996.10	999.12	995.82	0.35	ppb
Sulfur	34-1	19978.41	19778.15	19869.26	19875.27	0.50	ppb
Terbium	159-1				86		%
Terbium	159-2				85		%
Thallium	203-1	996.26	1003.56	996.59	998.81	0.41	ppb
Thallium	205-1	998.54	1002.79	997.67	999.66	0.27	ppb
Thorium	232-1	1005.37	1013.63	999.96	1006.32	0.68	ppb
Tin	118-1	987.99	991.16	981.33	986.83	0.51	ppb
Titanium	47-1	4976.06	4991.25	4937.06	4968.12	0.56	ppb
Uranium	238-1	1005.33	1009.25	1002.77	1005.79	0.32	ppb
Vanadium	51-2	997.96	1001.51	977.22	992.23	1.32	ppb
Yttrium	89-1				78		%
Yttrium	89-2				77		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:58:41	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1978.06	1993.74	1953.25	1975.02	1.03	ppb
Zirconium	90-1	1001.34	993.71	995.51	996.85	0.40	ppb
Zirconium	91-1	1002.03	999.83	993.29	998.38	0.45	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100372.62	100067.50	100633.03	100357.72	0.28	ppb
Antimony	121-1	1.65	1.82	1.80	1.76	5.43	ppb
Arsenic	75-1	1.42	1.58	1.22	1.41	12.92	ppb
Barium	135-1	0.97	0.81	0.90	0.89	8.92	ppb
Barium	137-1	0.84	0.88	0.95	0.89	6.52	ppb
Beryllium	9-1	0.11	0.11	0.14	0.12	16.51	ppb
Bismuth	209-1				71		%
Bismuth	209-2				68		%
Boron	10-1	60.27	54.27	54.43	56.33	6.07	ppb
Boron	11-1	59.61	57.33	54.42	57.12	4.56	ppb
Cadmium	111-1	0.13	0.11	0.09	0.11	16.34	ppb
Cadmium	106-1	-1.15	-1.40	-2.62	-1.73		ppb
Cadmium	108-1	0.23	0.11	0.19	0.18	33.35	ppb
Calcium	43-1	479243.86	504244.77	517181.41	500223.35	3.86	ppb
Calcium	44-1	480023.14	503764.63	518002.53	500596.77	3.83	ppb
Chromium	52-2	14.47	14.55	14.82	14.61	1.26	ppb
Cobalt	59-2	11.56	11.54	11.67	11.59	0.60	ppb
Copper	63-2	2.00	1.98	1.95	1.98	1.35	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				82		%
Indium	115-1				74		%
Indium	115-2				75		%
Iron	56-2	250165.45	248693.83	250331.87	249730.38	0.36	ppb
Iron	57-2	250048.55	248353.55	250801.38	249734.49	0.50	ppb
Krypton	83-1						cps
Lead	206-1	2.33	2.32	2.38	2.34	1.40	ppb
Lead	207-1	2.14	2.25	2.36	2.25	5.03	ppb
Lead	208-1	2.23	2.30	2.39	2.30	3.51	ppb
Lithium	6-1				76		%
Magnesium	24-2	499841.60	499509.54	502580.17	500643.77	0.34	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.89	7.04	7.06	7.00	1.28	ppb
Molybdenum	94-1	3.78	3.75	3.69	3.74	1.19	ppb
Molybdenum	95-1	4.73	4.73	4.54	4.67	2.36	ppb
Molybdenum	96-1	5.66	6.00	5.81	5.82	2.97	ppb
Molybdenum	97-1	4.56	4.61	4.41	4.53	2.34	ppb
Molybdenum	98-1	4.36	4.35	4.36	4.36	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	17.17	17.44	17.46	17.36	0.93	ppb
Phosphorus	31-2	-20.10	-28.24	-25.19	-24.51		ppb
Potassium	39-2	250209.16	248940.88	252943.79	250697.94	0.82	ppb
Rhodium	103-1				67		%
Rhodium	103-2				69		%
Scandium	45-1				76		%
Scandium	45-2				83		%
Selenium	77-2	-0.06	0.18	0.41	0.18	133.53	ppb
Selenium	78-2	0.45	0.20	0.60	0.42	49.21	ppb
Selenium	82-1	0.52	-0.04	0.75	0.41	98.66	ppb
Silicon	28-1	100.56	109.37	114.77	108.23	6.63	ppb
Silver	109-1	0.11	0.08	0.09	0.09	12.92	ppb
Silver	107-1	0.11	0.10	0.09	0.10	12.53	ppb
Sodium	23-2	502385.71	497783.73	504503.59	501557.67	0.68	ppb
Strontium	86-1	4.16	4.13	4.38	4.22	3.25	ppb
Strontium	88-1	4.32	4.46	4.65	4.47	3.63	ppb
Sulfur	34-1	-44.15	245.82	584.57	262.08	120.07	ppb
Terbium	159-1				82		%
Terbium	159-2				83		%
Thallium	203-1	0.28	0.26	0.26	0.27	4.72	ppb
Thallium	205-1	0.28	0.26	0.26	0.27	4.64	ppb
Thorium	232-1	0.13	0.12	0.13	0.13	8.62	ppb
Tin	118-1	0.65	0.66	0.61	0.64	4.14	ppb
Titanium	47-1	2.50	2.51	2.88	2.63	8.08	ppb
Uranium	238-1	0.08	0.08	0.07	0.08	11.75	ppb
Vanadium	51-2	0.21	0.21	0.25	0.22	9.06	ppb
Yttrium	89-1				77		%
Yttrium	89-2				80		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	39.79	38.81	38.32	38.97	1.92	ppb
Zirconium	90-1	0.31	0.32	0.36	0.33	6.96	ppb
Zirconium	91-1	0.29	0.34	0.30	0.31	7.98	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:13:57 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	493.92	495.45	491.12	493.50	0.45	ppb
Antimony	121-1	203.70	203.95	205.48	204.37	0.47	ppb
Arsenic	75-1	206.77	206.17	206.69	206.54	0.16	ppb
Barium	135-1	102.21	102.08	102.67	102.32	0.30	ppb
Barium	137-1	101.87	101.99	102.02	101.96	0.08	ppb
Beryllium	9-1	103.14	103.35	102.91	103.13	0.21	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	7.54	7.48	7.21	7.41	2.35	ppb
Boron	11-1	7.60	7.38	7.38	7.45	1.68	ppb
Cadmium	111-1	105.12	104.00	104.43	104.52	0.54	ppb
Cadmium	106-1	83.39	82.43	80.71	82.18	1.65	ppb
Cadmium	108-1	89.60	90.51	88.48	89.53	1.14	ppb
Calcium	43-1	1867.56	1849.92	1834.93	1850.81	0.88	ppb
Calcium	44-1	1854.18	1856.14	1883.85	1864.72	0.89	ppb
Chromium	52-2	99.17	98.79	99.78	99.25	0.50	ppb
Cobalt	59-2	101.78	103.02	103.17	102.66	0.74	ppb
Copper	63-2	102.84	103.06	103.37	103.09	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	1002.82	1007.21	1017.55	1009.20	0.75	ppb
Iron	57-2	1011.15	1020.96	1033.64	1021.92	1.10	ppb
Krypton	83-1						cps
Lead	206-1	191.11	190.20	191.51	190.94	0.35	ppb
Lead	207-1	184.66	185.37	185.08	185.04	0.20	ppb
Lead	208-1	189.35	190.30	190.42	190.02	0.31	ppb
Lithium	6-1				99		%
Magnesium	24-2	1158.57	1167.24	1164.24	1163.35	0.38	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:13:57	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.55	97.49	97.12	97.06	0.49	ppb
Molybdenum	94-1	0.16	0.11	0.07	0.11	38.11	ppb
Molybdenum	95-1	0.15	0.13	0.11	0.13	18.12	ppb
Molybdenum	96-1	0.18	0.17	0.14	0.16	15.02	ppb
Molybdenum	97-1	0.20	0.12	0.10	0.14	38.11	ppb
Molybdenum	98-1	0.13	0.11	0.13	0.12	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.62	107.60	106.23	106.15	1.41	ppb
Phosphorus	31-2	-33.39	-25.81	-28.88	-29.36		ppb
Potassium	39-2	1917.34	1910.90	1902.26	1910.17	0.40	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	222.73	218.26	218.11	219.70	1.19	ppb
Selenium	78-2	218.64	216.66	215.43	216.91	0.75	ppb
Selenium	82-1	209.43	211.20	211.19	210.60	0.48	ppb
Silicon	28-1	2.25	2.23	2.41	2.30	4.14	ppb
Silver	109-1	109.70	108.44	108.69	108.94	0.61	ppb
Silver	107-1	109.00	109.54	108.04	108.86	0.70	ppb
Sodium	23-2	1834.92	1856.37	1849.44	1846.91	0.59	ppb
Strontium	86-1	2.19	2.13	2.37	2.23	5.64	ppb
Strontium	88-1	2.21	2.19	2.22	2.21	0.74	ppb
Sulfur	34-1	-198.22	-233.55	-294.50	-242.09		ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	191.26	190.32	193.55	191.71	0.87	ppb
Thallium	205-1	194.41	191.72	193.29	193.14	0.70	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	8.72	ppb
Tin	118-1	0.03	0.03	0.04	0.03	9.37	ppb
Titanium	47-1	0.06	0.02	0.02	0.03	83.13	ppb
Uranium	238-1	0.01	0.02	0.01	0.01	14.31	ppb
Vanadium	51-2	97.95	98.85	99.41	98.74	0.75	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:13:57	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	204.65	207.06	206.32	206.01	0.60	ppb
Zirconium	90-1	0.02	0.02	0.01	0.01	24.53	ppb
Zirconium	91-1	0.17	0.13	0.13	0.14	18.77	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.96	17.30	17.50	16.92	4.97	ppb
Antimony	121-1	1.92	1.86	1.92	1.90	1.67	ppb
Arsenic	75-1	0.91	0.72	1.01	0.88	16.51	ppb
Barium	135-1	9.97	9.79	9.80	9.85	1.01	ppb
Barium	137-1	10.11	9.73	10.11	9.98	2.20	ppb
Beryllium	9-1	1.01	1.02	1.05	1.03	1.78	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	25.24	25.63	26.04	25.63	1.56	ppb
Boron	11-1	24.01	25.30	26.27	25.19	4.50	ppb
Cadmium	111-1	0.90	0.89	0.88	0.89	1.30	ppb
Cadmium	106-1	-1.51	-2.14	-2.48	-2.04		ppb
Cadmium	108-1	1.12	1.19	0.99	1.10	9.00	ppb
Calcium	43-1	460.83	461.66	435.35	452.61	3.30	ppb
Calcium	44-1	444.33	449.75	443.96	446.01	0.73	ppb
Chromium	52-2	1.94	2.01	1.96	1.97	1.96	ppb
Cobalt	59-2	0.98	0.99	0.93	0.97	3.00	ppb
Copper	63-2	1.97	1.87	2.01	1.95	3.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	52.64	51.30	51.52	51.82	1.39	ppb
Iron	57-2	51.17	52.47	51.75	51.80	1.25	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.90	0.91	0.91	0.73	ppb
Lead	207-1	0.86	0.87	0.83	0.85	2.28	ppb
Lead	208-1	0.88	0.87	0.88	0.88	0.91	ppb
Lithium	6-1				101		%
Magnesium	24-2	481.07	474.40	468.77	474.75	1.30	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.03	0.95	0.99	4.22	ppb
Molybdenum	94-1	4.69	4.89	4.58	4.72	3.26	ppb
Molybdenum	95-1	4.79	4.99	4.77	4.85	2.51	ppb
Molybdenum	96-1	4.86	4.77	4.82	4.82	0.95	ppb
Molybdenum	97-1	4.72	4.83	4.96	4.84	2.53	ppb
Molybdenum	98-1	4.90	4.82	4.71	4.81	1.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.17	0.94	1.06	10.68	ppb
Phosphorus	31-2	17.07	47.29	7.99	24.12	85.29	ppb
Potassium	39-2	471.08	461.68	462.72	465.16	1.11	ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	5.41	5.15	4.57	5.04	8.53	ppb
Selenium	78-2	4.59	6.14	5.60	5.44	14.49	ppb
Selenium	82-1	5.81	5.17	5.31	5.43	6.29	ppb
Silicon	28-1	5.55	5.99	5.87	5.81	3.94	ppb
Silver	109-1	1.05	1.04	1.08	1.06	1.60	ppb
Silver	107-1	1.03	1.04	1.09	1.05	3.24	ppb
Sodium	23-2	450.99	440.06	441.21	444.09	1.35	ppb
Strontium	86-1	0.90	0.86	0.89	0.88	2.62	ppb
Strontium	88-1	0.91	0.90	0.88	0.90	1.58	ppb
Sulfur	34-1	-53.68	119.24	113.65	59.74	164.48	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.84	0.87	0.84	0.85	2.25	ppb
Thallium	205-1	0.86	0.86	0.87	0.86	0.90	ppb
Thorium	232-1	0.79	0.79	0.78	0.79	1.15	ppb
Tin	118-1	5.15	5.19	5.18	5.17	0.32	ppb
Titanium	47-1	4.69	4.78	4.57	4.68	2.25	ppb
Uranium	238-1	0.79	0.79	0.79	0.79	0.51	ppb
Vanadium	51-2	5.11	4.96	5.02	5.03	1.55	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.06	2.12	2.18	2.12	2.82	ppb
Zirconium	90-1	0.86	0.92	0.90	0.89	3.23	ppb
Zirconium	91-1	0.93	0.94	0.88	0.91	3.47	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:34:45 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-0.28	-0.24	-0.27		ppb
Antimony	121-1	0.05	0.05	0.04	0.05	9.05	ppb
Arsenic	75-1	-0.05	0.01	-0.13	-0.05		ppb
Barium	135-1	-0.02	-0.03	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	0.00	0.00		ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	103.05	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	3.82	3.15	3.78	3.58	10.43	ppb
Boron	11-1	3.36	3.31	3.43	3.37	1.70	ppb
Cadmium	111-1	-0.05	-0.04	-0.08	-0.06		ppb
Cadmium	106-1	-2.01	-1.72	-2.93	-2.22		ppb
Cadmium	108-1	-0.02	-0.05	0.06	-0.01		ppb
Calcium	43-1	-0.59	-0.42	-1.36	-0.79		ppb
Calcium	44-1	1.34	0.66	0.41	0.80	59.96	ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.02	0.01	0.00	0.01	104.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				92		%
Indium	115-1				93		%
Indium	115-2				92		%
Iron	56-2	0.23	0.14	0.17	0.18	25.98	ppb
Iron	57-2	0.37	0.80	-0.47	0.23	278.56	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	0.01	-0.01	-0.01	0.00		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				97		%
Magnesium	24-2	0.07	0.25	0.33	0.22	59.54	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:34:45 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.02	0.04	0.02	43.18	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	36.38	ppb
Molybdenum	96-1	0.05	0.02	0.03	0.04	36.21	ppb
Molybdenum	97-1	0.05	0.02	0.02	0.03	57.09	ppb
Molybdenum	98-1	0.03	0.04	0.03	0.03	19.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.02	0.01	173.99	ppb
Phosphorus	31-2	-33.65	-38.33	-39.22	-37.07		ppb
Potassium	39-2	6.81	7.92	4.84	6.52	23.91	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	0.15	-0.06	-0.06	0.01	1366.15	ppb
Selenium	78-2	0.14	0.27	0.18	0.19	35.37	ppb
Selenium	82-1	-0.12	0.14	0.41	0.14	182.59	ppb
Silicon	28-1	0.57	0.58	0.40	0.51	19.46	ppb
Silver	109-1	0.01	0.00	0.00	0.00	42.16	ppb
Silver	107-1	0.00	0.00	0.00	0.00	3736.79	ppb
Sodium	23-2	2.17	2.32	2.02	2.17	7.09	ppb
Strontium	86-1	0.01	-0.02	0.03	0.01	372.34	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	69.33	ppb
Sulfur	34-1	391.63	389.19	405.39	395.41	2.21	ppb
Terbium	159-1				93		%
Terbium	159-2				94		%
Thallium	203-1	-0.01	0.00	0.00	0.00		ppb
Thallium	205-1	0.01	0.00	0.00	0.00	28.71	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	18.50	ppb
Tin	118-1	0.01	0.01	0.00	0.01	103.55	ppb
Titanium	47-1	0.03	0.01	0.01	0.02	72.12	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:34:45	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.07	-0.04	0.01	609.31	ppb
Zirconium	90-1	0.01	0.00	0.00	0.00	641.65	ppb
Zirconium	91-1	0.01	0.00	0.00	0.00	157.68	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:38:22	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	85009.88	84035.71	82754.85	83933.48	1.35	ppb
Antimony	121-1	1.23	1.30	1.19	1.24	4.54	ppb
Arsenic	75-1	1.00	1.42	1.47	1.30	19.94	ppb
Barium	135-1	1.64	1.73	1.39	1.59	11.13	ppb
Barium	137-1	1.54	1.73	1.59	1.62	6.17	ppb
Beryllium	9-1	0.32	0.28	0.32	0.30	7.97	ppb
Bismuth	209-1				84		%
Bismuth	209-2				89		%
Boron	10-1	4.27	4.14	3.81	4.07	5.89	ppb
Boron	11-1	4.11	4.09	3.76	3.99	4.83	ppb
Cadmium	111-1	0.69	0.60	0.52	0.60	14.09	ppb
Cadmium	106-1	-4.95	-5.29	-3.94	-4.73		ppb
Cadmium	108-1	15.84	16.77	15.11	15.91	5.22	ppb
Calcium	43-1	99383.23	105360.60	98707.08	101150.30	3.62	ppb
Calcium	44-1	99781.40	105019.52	97818.62	100873.18	3.69	ppb
Chromium	52-2	18.99	18.86	18.80	18.88	0.53	ppb
Cobalt	59-2	1.15	1.15	1.12	1.14	1.81	ppb
Copper	63-2	8.08	7.98	7.99	8.02	0.67	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				91		%
Holmium	165-2				97		%
Indium	115-1				84		%
Indium	115-2				90		%
Iron	56-2	97602.09	97128.76	95813.47	96848.11	0.96	ppb
Iron	57-2	97079.93	96084.49	95311.54	96158.65	0.92	ppb
Krypton	83-1						cps
Lead	206-1	5.05	5.40	4.83	5.09	5.60	ppb
Lead	207-1	4.33	4.54	4.27	4.38	3.33	ppb
Lead	208-1	4.64	4.92	4.52	4.69	4.38	ppb
Lithium	6-1				86		%
Magnesium	24-2	94227.61	93467.20	92404.76	93366.52	0.98	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:38:22	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.72	7.41	7.29	7.48	2.93	ppb
Molybdenum	94-1	1424.19	1499.14	1375.16	1432.83	4.36	ppb
Molybdenum	95-1	2064.12	2182.36	2005.68	2084.05	4.32	ppb
Molybdenum	96-1	1996.63	2091.59	1922.96	2003.73	4.22	ppb
Molybdenum	97-1	2087.23	2179.24	1994.36	2086.94	4.43	ppb
Molybdenum	98-1	2068.94	2183.09	2000.15	2084.06	4.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.07	5.08	4.98	5.04	1.08	ppb
Phosphorus	31-2	97289.14	95346.32	94698.65	95778.04	1.41	ppb
Potassium	39-2	93672.95	92393.69	91327.00	92464.54	1.27	ppb
Rhodium	103-1				80		%
Rhodium	103-2				87		%
Scandium	45-1				85		%
Scandium	45-2				93		%
Selenium	77-2	0.15	0.15	-0.06	0.08	152.77	ppb
Selenium	78-2	-0.26	-0.10	0.11	-0.08		ppb
Selenium	82-1	0.46	0.34	0.15	0.32	48.39	ppb
Silicon	28-1	18.13	20.21	17.70	18.68	7.18	ppb
Silver	109-1	0.07	0.10	0.11	0.10	20.01	ppb
Silver	107-1	0.07	0.11	0.10	0.09	24.37	ppb
Sodium	23-2	92391.87	91609.02	90583.16	91528.02	0.99	ppb
Strontium	86-1	35.10	36.33	34.06	35.16	3.24	ppb
Strontium	88-1	35.20	37.70	34.57	35.82	4.62	ppb
Sulfur	34-1	84100.03	88867.83	82913.98	85293.95	3.69	ppb
Terbium	159-1				90		%
Terbium	159-2				98		%
Thallium	203-1	0.07	0.07	0.08	0.08	8.35	ppb
Thallium	205-1	0.06	0.07	0.07	0.07	13.15	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	16.04	ppb
Tin	118-1	0.17	0.15	0.16	0.16	7.17	ppb
Titanium	47-1	2118.88	2225.57	2103.47	2149.31	3.09	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	23.50	ppb
Vanadium	51-2	0.18	0.16	0.15	0.16	10.39	ppb
Yttrium	89-1				85		%
Yttrium	89-2				92		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:38:22	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.95	12.43	11.86	12.08	2.55	ppb
Zirconium	90-1	0.03	0.04	0.04	0.03	18.03	ppb
Zirconium	91-1	0.05	0.04	0.04	0.04	13.40	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:42:00	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87552.99	87915.50	86715.71	87394.73	0.70	ppb
Antimony	121-1	20.38	19.90	20.14	20.14	1.17	ppb
Arsenic	75-1	19.54	20.49	20.38	20.13	2.57	ppb
Barium	135-1	20.75	21.24	20.83	20.94	1.27	ppb
Barium	137-1	21.13	21.00	21.40	21.18	0.95	ppb
Beryllium	9-1	19.98	20.09	20.19	20.09	0.52	ppb
Bismuth	209-1				94		%
Bismuth	209-2				86		%
Boron	10-1	78.46	79.25	80.13	79.28	1.05	ppb
Boron	11-1	78.52	80.19	81.68	80.13	1.97	ppb
Cadmium	111-1	18.48	18.35	18.47	18.43	0.40	ppb
Cadmium	106-1	24.12	23.96	22.20	23.43	4.54	ppb
Cadmium	108-1	37.53	36.93	37.09	37.18	0.83	ppb
Calcium	43-1	92174.59	90688.97	91315.31	91392.96	0.82	ppb
Calcium	44-1	91591.99	90734.08	91311.70	91212.59	0.48	ppb
Chromium	52-2	39.21	39.55	39.04	39.27	0.65	ppb
Cobalt	59-2	20.88	20.97	20.52	20.79	1.14	ppb
Copper	63-2	27.24	27.44	26.90	27.19	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				93		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	100882.47	101049.06	99160.70	100364.08	1.04	ppb
Iron	57-2	100016.45	100532.98	98582.13	99710.52	1.01	ppb
Krypton	83-1						cps
Lead	206-1	24.32	24.24	24.37	24.31	0.26	ppb
Lead	207-1	22.45	22.27	22.45	22.39	0.47	ppb
Lead	208-1	23.29	23.11	23.27	23.22	0.41	ppb
Lithium	6-1				94		%
Magnesium	24-2	97083.39	97736.34	96751.28	97190.34	0.52	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:42:00	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.77	27.24	26.74	26.92	1.05	ppb
Molybdenum	94-1	1418.98	1427.14	1435.46	1427.19	0.58	ppb
Molybdenum	95-1	1910.77	1921.53	1933.70	1922.00	0.60	ppb
Molybdenum	96-1	1865.09	1856.89	1875.08	1865.69	0.49	ppb
Molybdenum	97-1	1934.20	1926.84	1941.09	1934.04	0.37	ppb
Molybdenum	98-1	1932.31	1926.37	1935.78	1931.49	0.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.73	25.17	24.88	24.93	0.90	ppb
Phosphorus	31-2	99156.97	99718.55	98609.73	99161.75	0.56	ppb
Potassium	39-2	96395.47	96360.42	95036.99	95930.96	0.81	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				90		%
Selenium	77-2	17.37	23.25	23.44	21.35	16.16	ppb
Selenium	78-2	20.01	18.71	19.59	19.44	3.40	ppb
Selenium	82-1	18.58	18.82	18.95	18.78	1.00	ppb
Silicon	28-1	66.78	65.60	66.76	66.38	1.02	ppb
Silver	109-1	18.21	18.27	18.28	18.25	0.20	ppb
Silver	107-1	18.22	18.40	18.61	18.41	1.06	ppb
Sodium	23-2	95246.32	96220.48	94476.27	95314.36	0.92	ppb
Strontium	86-1	95.76	97.95	97.74	97.15	1.24	ppb
Strontium	88-1	98.96	99.30	100.36	99.54	0.73	ppb
Sulfur	34-1	77523.11	75146.73	75879.17	76183.00	1.60	ppb
Terbium	159-1				101		%
Terbium	159-2				94		%
Thallium	203-1	19.35	19.80	19.59	19.58	1.16	ppb
Thallium	205-1	19.45	19.80	19.75	19.67	0.99	ppb
Thorium	232-1	0.08	0.09	0.09	0.09	3.05	ppb
Tin	118-1	70.32	70.04	70.38	70.25	0.26	ppb
Titanium	47-1	2019.43	1995.26	1996.79	2003.83	0.68	ppb
Uranium	238-1	70.00	70.71	70.72	70.48	0.59	ppb
Vanadium	51-2	19.89	19.96	19.37	19.74	1.64	ppb
Yttrium	89-1				96		%
Yttrium	89-2				88		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:42:00	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.33	32.32	30.47	31.37	2.94	ppb
Zirconium	90-1	70.20	70.18	70.95	70.44	0.63	ppb
Zirconium	91-1	68.94	69.42	69.54	69.30	0.46	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55407.52	58770.11	50345.05	54840.89	7.73	ppb
Antimony	121-1	504.52	504.68	494.51	501.24	1.16	ppb
Arsenic	75-1	488.70	492.53	482.88	488.04	1.00	ppb
Barium	135-1	2594.23	2580.91	2522.65	2565.93	1.48	ppb
Barium	137-1	2578.08	2581.26	2498.20	2552.52	1.84	ppb
Beryllium	9-1	505.28	508.32	497.78	503.79	1.08	ppb
Bismuth	209-1				80		%
Bismuth	209-2				72		%
Boron	10-1	507.18	526.54	522.87	518.86	1.98	ppb
Boron	11-1	509.29	527.38	525.70	520.79	1.92	ppb
Cadmium	111-1	464.56	466.50	454.89	461.98	1.35	ppb
Cadmium	106-1	473.73	475.48	462.76	470.66	1.47	ppb
Cadmium	108-1	472.23	472.91	465.51	470.22	0.87	ppb
Calcium	43-1	233516.32	241017.10	230459.40	234997.61	2.31	ppb
Calcium	44-1	233497.99	240042.10	229491.07	234343.72	2.27	ppb
Chromium	52-2	544.69	576.58	494.03	538.43	7.73	ppb
Cobalt	59-2	529.50	560.93	480.19	523.54	7.77	ppb
Copper	63-2	1117.50	1178.65	1008.32	1101.49	7.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				83		%
Indium	115-1				82		%
Indium	115-2				76		%
Iron	56-2	133981.50	141705.25	120614.84	132100.53	8.08	ppb
Iron	57-2	133416.63	140823.57	121167.88	131802.69	7.53	ppb
Krypton	83-1						cps
Lead	206-1	520.70	539.08	516.52	525.43	2.28	ppb
Lead	207-1	523.19	538.74	515.67	525.87	2.24	ppb
Lead	208-1	516.80	532.89	511.43	520.37	2.15	ppb
Lithium	6-1				83		%
Magnesium	24-2	263717.67	280631.20	239973.77	261440.88	7.81	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1070.88	1122.94	962.44	1052.09	7.78	ppb
Molybdenum	94-1	2507.30	2590.23	2500.62	2532.72	1.97	ppb
Molybdenum	95-1	2493.74	2587.40	2496.68	2525.94	2.11	ppb
Molybdenum	96-1	2487.32	2591.05	2501.25	2526.54	2.23	ppb
Molybdenum	97-1	2494.67	2587.75	2494.47	2525.63	2.13	ppb
Molybdenum	98-1	2522.66	2594.75	2504.87	2540.76	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.83	557.38	476.87	520.03	7.80	ppb
Phosphorus	31-2	10674.58	11286.53	9848.54	10603.22	6.81	ppb
Potassium	39-2	131325.59	138939.62	118949.16	129738.12	7.78	ppb
Rhodium	103-1				77		%
Rhodium	103-2				72		%
Scandium	45-1				83		%
Scandium	45-2				81		%
Selenium	77-2	521.49	577.03	477.41	525.31	9.50	ppb
Selenium	78-2	527.47	556.68	479.05	521.07	7.52	ppb
Selenium	82-1	476.34	493.97	472.66	480.99	2.37	ppb
Silicon	28-1	442.58	476.08	464.13	460.93	3.68	ppb
Silver	109-1	477.58	480.27	466.62	474.83	1.52	ppb
Silver	107-1	475.74	477.20	468.48	473.81	0.99	ppb
Sodium	23-2	259580.16	273800.08	233618.65	255666.29	7.97	ppb
Strontium	86-1	495.98	504.51	491.43	497.31	1.33	ppb
Strontium	88-1	497.17	505.91	492.63	498.57	1.35	ppb
Sulfur	34-1	9543.40	10116.13	9288.92	9649.49	4.39	ppb
Terbium	159-1				89		%
Terbium	159-2				83		%
Thallium	203-1	517.86	532.22	513.33	521.14	1.89	ppb
Thallium	205-1	518.16	532.18	510.78	520.37	2.09	ppb
Thorium	232-1	521.63	533.63	514.16	523.14	1.88	ppb
Tin	118-1	516.90	516.78	504.25	512.65	1.42	ppb
Titanium	47-1	2533.58	2594.98	2483.42	2537.33	2.20	ppb
Uranium	238-1	518.90	534.00	512.43	521.78	2.12	ppb
Vanadium	51-2	548.11	581.62	495.80	541.84	7.98	ppb
Yttrium	89-1				84		%
Yttrium	89-2				79		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1091.68	1155.38	991.96	1079.67	7.63	ppb
Zirconium	90-1	512.04	521.86	506.06	513.32	1.55	ppb
Zirconium	91-1	509.64	518.30	506.04	511.33	1.23	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.62	19.19	16.95	17.92	6.41	ppb
Antimony	121-1	2.29	2.42	2.30	2.34	3.13	ppb
Arsenic	75-1	0.96	0.80	1.09	0.95	15.57	ppb
Barium	135-1	10.67	10.96	10.63	10.75	1.68	ppb
Barium	137-1	10.43	10.76	10.33	10.51	2.14	ppb
Beryllium	9-1	1.03	1.09	1.05	1.06	2.86	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	37.60	36.72	36.52	36.95	1.56	ppb
Boron	11-1	37.32	37.92	37.39	37.55	0.87	ppb
Cadmium	111-1	0.94	0.95	0.99	0.96	2.62	ppb
Cadmium	106-1	-3.11	-1.99	-2.24	-2.44		ppb
Cadmium	108-1	1.13	0.93	1.09	1.05	10.05	ppb
Calcium	43-1	476.00	470.79	480.66	475.82	1.04	ppb
Calcium	44-1	472.44	483.98	475.17	477.20	1.26	ppb
Chromium	52-2	1.95	1.88	1.85	1.89	2.53	ppb
Cobalt	59-2	0.93	0.99	0.97	0.96	3.21	ppb
Copper	63-2	1.94	1.96	1.97	1.96	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	51.55	51.83	51.48	51.62	0.36	ppb
Iron	57-2	52.93	55.21	52.11	53.42	3.01	ppb
Krypton	83-1						cps
Lead	206-1	0.99	1.00	1.03	1.01	1.93	ppb
Lead	207-1	0.94	1.03	0.97	0.98	4.62	ppb
Lead	208-1	0.99	1.02	1.00	1.00	1.39	ppb
Lithium	6-1				98		%
Magnesium	24-2	469.43	465.40	468.82	467.88	0.46	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	0.92	0.94	0.93	1.69	ppb
Molybdenum	94-1	5.35	5.37	5.20	5.31	1.76	ppb
Molybdenum	95-1	5.63	5.67	5.65	5.65	0.35	ppb
Molybdenum	96-1	5.56	5.55	5.36	5.49	2.02	ppb
Molybdenum	97-1	5.51	5.80	5.59	5.63	2.64	ppb
Molybdenum	98-1	5.63	5.70	5.51	5.61	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.03	0.90	0.99	7.94	ppb
Phosphorus	31-2	30.38	0.38	15.33	15.36	97.64	ppb
Potassium	39-2	456.55	452.34	457.49	455.46	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				105		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	77-2	6.91	3.97	5.29	5.39	27.29	ppb
Selenium	78-2	4.58	5.76	5.32	5.22	11.44	ppb
Selenium	82-1	5.58	5.92	6.01	5.84	3.86	ppb
Silicon	28-1	7.81	8.26	7.49	7.85	4.94	ppb
Silver	109-1	1.21	1.16	1.13	1.17	3.27	ppb
Silver	107-1	1.14	1.15	1.12	1.14	1.23	ppb
Sodium	23-2	446.71	454.27	447.24	449.41	0.94	ppb
Strontium	86-1	0.92	0.99	0.90	0.94	5.42	ppb
Strontium	88-1	0.98	0.98	0.97	0.97	0.43	ppb
Sulfur	34-1	-81.70	-24.55	-50.81	-52.35		ppb
Terbium	159-1				98		%
Terbium	159-2				104		%
Thallium	203-1	0.98	0.99	1.00	0.99	1.22	ppb
Thallium	205-1	1.00	1.01	0.99	1.00	0.75	ppb
Thorium	232-1	0.88	0.91	0.86	0.88	2.93	ppb
Tin	118-1	5.46	5.86	5.46	5.60	4.07	ppb
Titanium	47-1	5.18	5.38	5.03	5.20	3.33	ppb
Uranium	238-1	0.83	0.86	0.82	0.83	2.43	ppb
Vanadium	51-2	4.90	4.94	4.90	4.91	0.49	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	1.96	2.18	2.08	5.28	ppb
Zirconium	90-1	1.01	1.02	1.01	1.01	0.55	ppb
Zirconium	91-1	0.98	1.00	1.02	1.00	1.96	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P7
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:02:40 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.02	-0.16	-0.17	-0.10		ppb
Antimony	121-1	0.12	0.11	0.13	0.12	5.88	ppb
Arsenic	75-1	-0.11	-0.04	-0.01	-0.05		ppb
Barium	135-1	0.01	0.00	0.00	0.00	808.43	ppb
Barium	137-1	0.02	0.02	0.02	0.02	9.79	ppb
Beryllium	9-1	0.00	0.02	0.02	0.01	60.61	ppb
Bismuth	209-1				107		%
Bismuth	209-2				103		%
Boron	10-1	9.80	9.60	9.73	9.71	1.07	ppb
Boron	11-1	10.26	9.58	9.46	9.76	4.45	ppb
Cadmium	111-1	-0.05	-0.07	-0.10	-0.07		ppb
Cadmium	106-1	-2.25	-3.20	-4.05	-3.17		ppb
Cadmium	108-1	0.03	0.00	0.03	0.02	84.81	ppb
Calcium	43-1	1.56	2.62	-0.27	1.30	112.55	ppb
Calcium	44-1	4.13	3.31	3.61	3.68	11.29	ppb
Chromium	52-2	-0.01	-0.01	-0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.04	0.01	0.03	0.02	67.08	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				107		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				103		%
Iron	56-2	0.69	0.68	0.66	0.68	2.38	ppb
Iron	57-2	1.14	0.60	0.15	0.63	79.21	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.06	0.05	0.06	6.97	ppb
Lead	207-1	0.05	0.05	0.06	0.05	15.99	ppb
Lead	208-1	0.06	0.05	0.06	0.06	7.69	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.00	1.01	0.84	0.95	10.24	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:02:40	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.01	0.00	175.63	ppb
Molybdenum	94-1	0.14	0.12	0.15	0.14	12.56	ppb
Molybdenum	95-1	0.19	0.18	0.19	0.18	2.83	ppb
Molybdenum	96-1	0.19	0.17	0.16	0.17	6.33	ppb
Molybdenum	97-1	0.24	0.17	0.17	0.19	22.24	ppb
Molybdenum	98-1	0.19	0.19	0.18	0.19	2.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.00	0.01	261.74	ppb
Phosphorus	31-2	-35.83	-39.90	-37.95	-37.89		ppb
Potassium	39-2	6.82	6.26	6.99	6.69	5.68	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				106		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.02	-0.08	0.25	0.06	274.77	ppb
Selenium	82-1	0.20	0.10	0.01	0.11	91.21	ppb
Silicon	28-1	-1.51	-1.71	-1.54	-1.59		ppb
Silver	109-1	0.01	0.01	0.01	0.01	11.09	ppb
Silver	107-1	0.01	0.01	0.01	0.01	15.66	ppb
Sodium	23-2	11.74	10.75	9.85	10.78	8.77	ppb
Strontium	86-1	-0.04	-0.03	-0.04	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.13	ppb
Sulfur	34-1	-353.89	-419.32	-400.01	-391.08		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.04	0.04	0.04	8.18	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	2.43	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	1.62	ppb
Tin	118-1	0.04	0.03	0.02	0.03	31.41	ppb
Titanium	47-1	0.02	-0.01	-0.04	-0.01		ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	0.00	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:02:40	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.48	0.65	0.23	0.46	45.91	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	23.37	ppb
Zirconium	91-1	0.02	0.03	0.03	0.03	29.93	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:06:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.04	19.14	16.34	17.18	9.96	ppb
Antimony	121-1	1.86	1.92	1.90	1.89	1.63	ppb
Arsenic	75-1	0.83	0.52	0.90	0.75	26.75	ppb
Barium	135-1	9.91	9.94	9.93	9.93	0.18	ppb
Barium	137-1	9.95	9.71	9.76	9.81	1.26	ppb
Beryllium	9-1	1.03	1.03	0.98	1.01	2.67	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	27.96	28.75	28.69	28.47	1.54	ppb
Boron	11-1	28.16	28.68	29.33	28.72	2.04	ppb
Cadmium	111-1	0.91	0.93	0.94	0.93	1.96	ppb
Cadmium	106-1	-1.46	-0.82	-1.42	-1.23		ppb
Cadmium	108-1	0.97	1.00	1.00	0.99	1.56	ppb
Calcium	43-1	439.68	433.31	431.00	434.66	1.03	ppb
Calcium	44-1	436.99	439.20	439.27	438.49	0.30	ppb
Chromium	52-2	1.91	1.95	1.90	1.92	1.50	ppb
Cobalt	59-2	0.96	0.97	0.99	0.97	1.80	ppb
Copper	63-2	2.01	2.06	1.92	2.00	3.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				99		%
Iron	56-2	51.25	51.89	51.03	51.39	0.87	ppb
Iron	57-2	55.05	54.58	50.71	53.44	4.46	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.96	0.93	0.93	3.46	ppb
Lead	207-1	0.87	0.90	0.90	0.89	2.25	ppb
Lead	208-1	0.87	0.92	0.92	0.90	2.98	ppb
Lithium	6-1				107		%
Magnesium	24-2	479.51	487.85	478.38	481.92	1.07	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:06:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	0.98	1.04	0.99	4.24	ppb
Molybdenum	94-1	4.58	4.76	4.75	4.70	2.13	ppb
Molybdenum	95-1	4.77	4.85	4.90	4.84	1.31	ppb
Molybdenum	96-1	4.70	4.70	4.95	4.78	3.01	ppb
Molybdenum	97-1	4.81	4.88	4.82	4.83	0.75	ppb
Molybdenum	98-1	4.75	4.76	4.81	4.77	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.09	1.05	1.01	1.05	3.94	ppb
Phosphorus	31-2	11.34	8.80	2.91	7.68	56.29	ppb
Potassium	39-2	460.84	466.81	465.25	464.30	0.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	6.91	5.48	5.19	5.86	15.71	ppb
Selenium	78-2	5.36	5.75	5.74	5.62	3.88	ppb
Selenium	82-1	5.63	6.11	5.38	5.70	6.50	ppb
Silicon	28-1	4.39	4.75	4.89	4.68	5.54	ppb
Silver	109-1	1.04	1.09	1.06	1.06	2.51	ppb
Silver	107-1	1.07	1.08	1.10	1.08	1.45	ppb
Sodium	23-2	451.75	459.36	449.81	453.64	1.11	ppb
Strontium	86-1	0.90	0.90	0.86	0.89	2.18	ppb
Strontium	88-1	0.88	0.89	0.87	0.88	1.66	ppb
Sulfur	34-1	-196.36	-84.77	-1.72	-94.28		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.90	0.90	0.90	0.90	0.24	ppb
Thallium	205-1	0.88	0.91	0.89	0.89	1.81	ppb
Thorium	232-1	0.79	0.78	0.79	0.79	0.41	ppb
Tin	118-1	5.04	5.01	5.06	5.04	0.57	ppb
Titanium	47-1	4.84	4.75	4.70	4.77	1.48	ppb
Uranium	238-1	0.77	0.77	0.77	0.77	0.12	ppb
Vanadium	51-2	5.03	5.03	5.02	5.03	0.10	ppb
Yttrium	89-1				107		%
Yttrium	89-2				100		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:06:15	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.02	2.20	2.13	2.11	4.42	ppb
Zirconium	90-1	0.88	0.89	0.91	0.89	1.91	ppb
Zirconium	91-1	0.89	0.94	0.92	0.92	2.87	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : PB119259BL Instrumnet Name : P7
 Client Sample ID : PB119259BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:09:51 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.18	-0.38	-0.10		ppb
Antimony	121-1	0.06	0.07	0.06	0.07	7.98	ppb
Arsenic	75-1	-0.06	-0.11	-0.06	-0.07		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	40.79	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	6.12	6.13	5.86	6.04	2.49	ppb
Boron	11-1	5.81	5.82	5.89	5.84	0.76	ppb
Cadmium	111-1	-0.06	-0.06	-0.03	-0.05		ppb
Cadmium	106-1	-2.41	-2.53	-1.11	-2.02		ppb
Cadmium	108-1	0.01	0.02	0.02	0.02	52.84	ppb
Calcium	43-1	-1.91	-0.33	-0.14	-0.80		ppb
Calcium	44-1	1.53	1.26	1.13	1.31	15.79	ppb
Chromium	52-2	-0.01	0.00	-0.01	0.00		ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.02	0.03	0.01	0.02	35.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				94		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	0.34	0.26	0.34	0.31	14.12	ppb
Iron	57-2	0.27	0.48	0.41	0.39	28.68	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.05	0.04	0.04	21.41	ppb
Lead	207-1	0.04	0.04	0.04	0.04	11.01	ppb
Lead	208-1	0.04	0.04	0.04	0.04	4.94	ppb
Lithium	6-1				101		%
Magnesium	24-2	0.86	0.18	0.61	0.55	62.70	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BL	Instrumnet Name :	P7
Client Sample ID :	PB119259BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:09:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.07	0.06	0.06	35.68	ppb
Molybdenum	95-1	0.08	0.08	0.07	0.08	8.15	ppb
Molybdenum	96-1	0.08	0.06	0.08	0.07	11.56	ppb
Molybdenum	97-1	0.09	0.09	0.07	0.08	12.73	ppb
Molybdenum	98-1	0.08	0.10	0.07	0.08	14.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	-0.01	0.01	341.33	ppb
Phosphorus	31-2	-36.52	-31.00	-43.23	-36.92		ppb
Potassium	39-2	5.82	9.83	9.55	8.40	26.64	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	-0.06	0.14	0.14	0.07	155.84	ppb
Selenium	78-2	0.51	0.28	0.47	0.42	28.18	ppb
Selenium	82-1	-0.17	0.23	0.03	0.03	652.63	ppb
Silicon	28-1	-0.82	-0.41	-0.36	-0.53		ppb
Silver	109-1	0.01	0.02	0.01	0.01	44.04	ppb
Silver	107-1	0.01	0.00	0.01	0.01	20.64	ppb
Sodium	23-2	7.48	6.55	6.20	6.74	9.79	ppb
Strontium	86-1	-0.03	-0.03	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	40.35	ppb
Sulfur	34-1	231.36	399.87	386.33	339.18	27.60	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	0.03	0.02	0.03	0.03	15.03	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.59	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.60	ppb
Tin	118-1	0.03	0.01	0.04	0.03	50.98	ppb
Titanium	47-1	0.00	0.05	0.03	0.03	98.46	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	0.00	0.00		ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BL	Instrumnet Name :	P7
Client Sample ID :	PB119259BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:09:51	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.05	0.08	0.07	22.40	ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	41.29	ppb
Zirconium	91-1	0.01	0.01	0.01	0.01	19.58	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9556.58	9608.99	9576.10	9580.56	0.28	ppb
Antimony	121-1	491.98	507.68	510.21	503.29	1.96	ppb
Arsenic	75-1	492.37	503.53	507.96	501.29	1.60	ppb
Barium	135-1	2445.59	2513.22	2528.69	2495.83	1.77	ppb
Barium	137-1	2432.82	2498.82	2509.26	2480.30	1.67	ppb
Beryllium	9-1	487.54	503.00	503.48	498.01	1.82	ppb
Bismuth	209-1				90		%
Bismuth	209-2				83		%
Boron	10-1	456.28	492.89	492.65	480.60	4.38	ppb
Boron	11-1	460.83	490.73	499.98	483.85	4.23	ppb
Cadmium	111-1	484.62	498.02	499.80	494.15	1.68	ppb
Cadmium	106-1	492.02	501.19	507.93	500.38	1.60	ppb
Cadmium	108-1	486.28	495.05	505.50	495.61	1.94	ppb
Calcium	43-1	46829.67	48489.05	49129.45	48149.39	2.47	ppb
Calcium	44-1	46900.64	48141.24	48404.54	47815.48	1.68	ppb
Chromium	52-2	505.91	513.36	510.88	510.05	0.74	ppb
Cobalt	59-2	513.42	517.14	515.38	515.31	0.36	ppb
Copper	63-2	1005.81	1018.63	1008.69	1011.05	0.67	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				87		%
Indium	115-1				87		%
Indium	115-2				82		%
Iron	56-2	26508.43	26533.97	26354.20	26465.54	0.37	ppb
Iron	57-2	26027.21	26037.17	25835.50	25966.62	0.44	ppb
Krypton	83-1						cps
Lead	206-1	468.55	483.20	489.89	480.55	2.27	ppb
Lead	207-1	466.62	481.39	492.61	480.21	2.71	ppb
Lead	208-1	470.25	481.73	488.69	480.22	1.94	ppb
Lithium	6-1				89		%
Magnesium	24-2	50760.00	51061.66	50514.37	50778.68	0.54	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.94	1022.06	1006.52	1013.17	0.79	ppb
Molybdenum	94-1	2382.86	2423.55	2443.15	2416.52	1.27	ppb
Molybdenum	95-1	2384.68	2435.94	2464.85	2428.49	1.67	ppb
Molybdenum	96-1	2388.29	2436.74	2477.17	2434.07	1.83	ppb
Molybdenum	97-1	2380.09	2444.82	2471.31	2432.07	1.93	ppb
Molybdenum	98-1	2392.50	2460.60	2470.94	2441.35	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.12	525.25	519.17	521.85	0.60	ppb
Phosphorus	31-2	10149.14	10629.20	10377.96	10385.43	2.31	ppb
Potassium	39-2	24606.99	24714.88	24487.94	24603.27	0.46	ppb
Rhodium	103-1				85		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				83		%
Selenium	77-2	530.11	516.56	522.13	522.93	1.30	ppb
Selenium	78-2	520.31	528.68	528.17	525.72	0.89	ppb
Selenium	82-1	485.76	499.35	507.66	497.59	2.22	ppb
Silicon	28-1	467.05	494.53	514.67	492.08	4.86	ppb
Silver	109-1	504.38	511.35	511.10	508.94	0.78	ppb
Silver	107-1	495.39	510.00	511.81	505.73	1.78	ppb
Sodium	23-2	48722.00	49074.12	48730.70	48842.27	0.41	ppb
Strontium	86-1	469.45	484.24	484.04	479.24	1.77	ppb
Strontium	88-1	481.22	489.74	491.62	487.53	1.14	ppb
Sulfur	34-1	9786.88	9889.11	10275.22	9983.74	2.58	ppb
Terbium	159-1				92		%
Terbium	159-2				87		%
Thallium	203-1	469.48	486.94	483.69	480.04	1.93	ppb
Thallium	205-1	474.54	484.36	483.24	480.72	1.12	ppb
Thorium	232-1	455.58	469.58	471.45	465.54	1.86	ppb
Tin	118-1	492.55	508.05	510.80	503.80	1.95	ppb
Titanium	47-1	2365.71	2430.49	2484.44	2426.88	2.45	ppb
Uranium	238-1	451.39	461.14	465.00	459.18	1.53	ppb
Vanadium	51-2	508.28	514.82	508.27	510.46	0.74	ppb
Yttrium	89-1				89		%
Yttrium	89-2				84		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1014.95	1020.95	1020.73	1018.88	0.33	ppb
Zirconium	90-1	479.63	490.38	493.58	487.86	1.50	ppb
Zirconium	91-1	467.99	481.11	487.60	478.90	2.09	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68.70	65.46	67.95	67.37	2.52	ppb
Antimony	121-1	1.03	1.04	1.02	1.03	0.67	ppb
Arsenic	75-1	2.28	2.06	2.13	2.16	5.03	ppb
Barium	135-1	380.41	380.88	381.90	381.06	0.20	ppb
Barium	137-1	376.69	378.68	377.50	377.63	0.26	ppb
Beryllium	9-1	0.05	0.04	0.03	0.04	20.84	ppb
Bismuth	209-1				94		%
Bismuth	209-2				91		%
Boron	10-1	133.38	136.11	135.36	134.95	1.04	ppb
Boron	11-1	138.51	140.72	137.91	139.05	1.06	ppb
Cadmium	111-1	-0.02	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-3.20	-2.85	-2.61	-2.89		ppb
Cadmium	108-1	0.20	0.17	0.26	0.21	22.34	ppb
Calcium	43-1	40497.83	41050.63	40445.06	40664.51	0.82	ppb
Calcium	44-1	40269.58	40541.70	40159.95	40323.74	0.49	ppb
Chromium	52-2	1.55	1.57	1.53	1.55	1.19	ppb
Cobalt	59-2	0.38	0.37	0.37	0.37	1.33	ppb
Copper	63-2	2578.73	2550.30	2599.94	2576.32	0.97	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				93		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	842.01	834.58	845.27	840.62	0.65	ppb
Iron	57-2	967.10	969.12	985.98	974.07	1.06	ppb
Krypton	83-1						cps
Lead	206-1	455.02	455.46	452.91	454.46	0.30	ppb
Lead	207-1	414.92	417.48	413.70	415.37	0.47	ppb
Lead	208-1	430.61	432.23	428.73	430.52	0.41	ppb
Lithium	6-1				90		%
Magnesium	24-2	9473.03	9450.55	9633.42	9519.00	1.05	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.61	12.47	12.79	12.62	1.27	ppb
Molybdenum	94-1	0.83	0.74	0.67	0.75	10.26	ppb
Molybdenum	95-1	1.02	0.91	0.81	0.92	11.56	ppb
Molybdenum	96-1	1.06	0.89	0.80	0.91	14.53	ppb
Molybdenum	97-1	1.04	0.98	0.76	0.92	15.79	ppb
Molybdenum	98-1	1.06	0.88	0.81	0.92	13.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.44	3.24	3.46	3.38	3.71	ppb
Phosphorus	31-2	-3.03	1.85	13.70	4.17	206.04	ppb
Potassium	39-2	696.10	678.78	694.01	689.63	1.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	0.57	0.15	0.57	0.43	56.82	ppb
Selenium	78-2	0.28	0.08	0.61	0.33	81.70	ppb
Selenium	82-1	0.38	0.26	0.32	0.32	18.96	ppb
Silicon	28-1	8277.01	8355.92	8217.56	8283.50	0.84	ppb
Silver	109-1	0.21	0.20	0.22	0.21	3.47	ppb
Silver	107-1	0.21	0.21	0.22	0.21	2.88	ppb
Sodium	23-2	6830.38	6784.22	6899.31	6837.97	0.85	ppb
Strontium	86-1	160.63	159.93	160.45	160.34	0.23	ppb
Strontium	88-1	164.11	165.67	165.67	165.15	0.55	ppb
Sulfur	34-1	5638.97	5710.08	5643.51	5664.19	0.70	ppb
Terbium	159-1				94		%
Terbium	159-2				93		%
Thallium	203-1	0.08	0.07	0.06	0.07	17.36	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	15.82	ppb
Thorium	232-1	0.12	0.11	0.11	0.11	5.64	ppb
Tin	118-1	10.12	10.47	9.75	10.11	3.60	ppb
Titanium	47-1	2.99	3.27	2.88	3.05	6.57	ppb
Uranium	238-1	2.08	2.10	2.05	2.08	1.06	ppb
Vanadium	51-2	13.18	13.34	13.73	13.42	2.10	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	456.69	450.57	464.38	457.21	1.51	ppb
Zirconium	90-1	0.09	0.06	0.07	0.07	20.87	ppb
Zirconium	91-1	0.10	0.09	0.08	0.09	12.52	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : PB119258BL Instrumnet Name : P7
 Client Sample ID : PB119258BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:20:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.27	0.00	0.18	-0.03		ppb
Antimony	121-1	0.11	0.11	0.12	0.12	5.21	ppb
Arsenic	75-1	-0.02	-0.03	-0.05	-0.03		ppb
Barium	135-1	0.04	0.01	0.02	0.02	64.20	ppb
Barium	137-1	0.04	0.02	0.04	0.03	43.16	ppb
Beryllium	9-1	0.01	0.01	0.01	0.01	15.33	ppb
Bismuth	209-1				106		%
Bismuth	209-2				91		%
Boron	10-1	11.94	11.42	11.25	11.54	3.14	ppb
Boron	11-1	11.98	11.24	10.87	11.36	4.98	ppb
Cadmium	111-1	-0.10	-0.07	-0.08	-0.08		ppb
Cadmium	106-1	-4.42	-2.96	-3.32	-3.57		ppb
Cadmium	108-1	0.01	0.00	-0.03	0.00		ppb
Calcium	43-1	4.13	6.63	2.80	4.52	42.95	ppb
Calcium	44-1	6.36	5.29	5.11	5.59	12.11	ppb
Chromium	52-2	-0.02	0.04	0.03	0.01	221.15	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.19	0.19	0.17	0.18	5.70	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				106		%
Holmium	165-2				91		%
Indium	115-1				104		%
Indium	115-2				88		%
Iron	56-2	0.33	0.39	0.27	0.33	17.81	ppb
Iron	57-2	0.06	0.10	0.49	0.22	109.60	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.08	0.08	0.08	4.70	ppb
Lead	207-1	0.08	0.08	0.07	0.08	5.99	ppb
Lead	208-1	0.08	0.08	0.07	0.08	8.12	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.19	1.22	1.14	1.18	3.12	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : PB119258BL Instrumnet Name : P7
 Client Sample ID : PB119258BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:20:40 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.00	0.00	-0.01		ppb
Molybdenum	94-1	0.10	0.12	0.13	0.11	13.27	ppb
Molybdenum	95-1	0.19	0.17	0.14	0.17	17.00	ppb
Molybdenum	96-1	0.18	0.17	0.15	0.17	11.60	ppb
Molybdenum	97-1	0.17	0.17	0.17	0.17	2.20	ppb
Molybdenum	98-1	0.19	0.18	0.16	0.18	8.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.00	0.01	0.01	104.70	ppb
Phosphorus	31-2	-47.58	-31.91	-45.26	-41.58		ppb
Potassium	39-2	7.63	9.08	8.43	8.38	8.70	ppb
Rhodium	103-1				103		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	-0.06	-0.06	-0.06	-0.06		ppb
Selenium	78-2	0.21	-0.35	0.32	0.06	623.32	ppb
Selenium	82-1	0.22	0.10	0.36	0.22	58.30	ppb
Silicon	28-1	-0.14	0.06	-0.68	-0.25		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.96	ppb
Silver	107-1	0.01	0.00	0.01	0.01	58.75	ppb
Sodium	23-2	7.23	6.77	7.75	7.25	6.74	ppb
Strontium	86-1	-0.01	-0.05	0.01	-0.02		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	20.59	ppb
Sulfur	34-1	-1020.01	-877.30	-937.47	-944.93		ppb
Terbium	159-1				105		%
Terbium	159-2				91		%
Thallium	203-1	0.00	0.01	0.01	0.01	40.49	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.72	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.90	ppb
Tin	118-1	0.04	0.02	0.05	0.04	37.79	ppb
Titanium	47-1	0.01	0.01	0.02	0.02	48.95	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	-0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				88		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BL	Instrumnet Name :	P7
Client Sample ID :	PB119258BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:20:40	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.25	0.13	0.15	0.18	34.47	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb
Zirconium	91-1	0.02	0.01	0.02	0.02	36.57	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9190.36	9101.99	8977.33	9089.89	1.18	ppb
Antimony	121-1	490.49	493.16	495.59	493.08	0.52	ppb
Arsenic	75-1	481.94	486.07	482.82	483.61	0.45	ppb
Barium	135-1	2421.14	2423.89	2427.27	2424.10	0.13	ppb
Barium	137-1	2404.58	2413.13	2414.63	2410.78	0.22	ppb
Beryllium	9-1	480.42	482.16	482.23	481.60	0.21	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	471.01	477.92	488.15	479.03	1.80	ppb
Boron	11-1	475.29	480.30	486.99	480.86	1.22	ppb
Cadmium	111-1	476.94	472.28	478.49	475.90	0.68	ppb
Cadmium	106-1	468.62	471.79	473.29	471.23	0.51	ppb
Cadmium	108-1	471.35	467.85	481.19	473.47	1.46	ppb
Calcium	43-1	46578.12	46302.85	46669.40	46516.79	0.41	ppb
Calcium	44-1	46313.28	46059.87	46054.56	46142.57	0.32	ppb
Chromium	52-2	491.17	489.26	483.84	488.09	0.78	ppb
Cobalt	59-2	493.55	493.20	488.38	491.71	0.59	ppb
Copper	63-2	969.99	969.77	965.71	968.49	0.25	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				95		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	25437.73	25214.52	24875.96	25176.07	1.12	ppb
Iron	57-2	24658.73	24802.82	24420.44	24627.33	0.78	ppb
Krypton	83-1						cps
Lead	206-1	472.27	471.03	470.60	471.30	0.18	ppb
Lead	207-1	469.27	470.19	469.72	469.73	0.10	ppb
Lead	208-1	467.14	468.36	467.76	467.75	0.13	ppb
Lithium	6-1				88		%
Magnesium	24-2	48746.84	48181.93	47893.91	48274.22	0.90	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.31	976.23	960.26	972.26	1.09	ppb
Molybdenum	94-1	2349.15	2333.86	2355.91	2346.31	0.48	ppb
Molybdenum	95-1	2343.78	2349.79	2371.20	2354.92	0.61	ppb
Molybdenum	96-1	2339.37	2360.41	2366.50	2355.42	0.60	ppb
Molybdenum	97-1	2339.60	2344.13	2353.10	2345.61	0.29	ppb
Molybdenum	98-1	2355.76	2347.14	2366.64	2356.52	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.57	496.39	492.37	496.11	0.73	ppb
Phosphorus	31-2	9918.52	9893.42	9790.24	9867.39	0.69	ppb
Potassium	39-2	24073.05	23722.18	23280.79	23692.01	1.68	ppb
Rhodium	103-1				86		%
Rhodium	103-2				85		%
Scandium	45-1				87		%
Scandium	45-2				87		%
Selenium	77-2	524.50	502.03	495.58	507.37	2.99	ppb
Selenium	78-2	503.56	502.16	493.86	499.86	1.05	ppb
Selenium	82-1	475.75	475.43	479.79	476.99	0.51	ppb
Silicon	28-1	464.54	480.32	490.28	478.38	2.71	ppb
Silver	109-1	489.47	483.47	492.57	488.50	0.95	ppb
Silver	107-1	488.37	488.46	491.45	489.43	0.36	ppb
Sodium	23-2	46791.00	46360.25	46125.10	46425.45	0.73	ppb
Strontium	86-1	467.45	466.75	460.63	464.94	0.81	ppb
Strontium	88-1	470.55	469.28	467.59	469.14	0.32	ppb
Sulfur	34-1	8879.80	8664.77	8762.08	8768.88	1.23	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	473.24	467.17	470.05	470.16	0.65	ppb
Thallium	205-1	471.95	468.98	470.22	470.38	0.32	ppb
Thorium	232-1	449.68	450.31	450.98	450.33	0.14	ppb
Tin	118-1	484.43	491.38	491.96	489.25	0.86	ppb
Titanium	47-1	2369.74	2357.20	2353.78	2360.24	0.36	ppb
Uranium	238-1	446.74	448.94	444.03	446.57	0.55	ppb
Vanadium	51-2	493.57	488.74	483.79	488.70	1.00	ppb
Yttrium	89-1				90		%
Yttrium	89-2				87		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	972.37	978.69	965.19	972.08	0.70	ppb
Zirconium	90-1	471.64	469.12	474.06	471.61	0.52	ppb
Zirconium	91-1	465.71	463.86	467.95	465.84	0.44	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52208.69	51655.70	51918.12	51927.51	0.53	ppb
Antimony	121-1	498.38	496.83	497.57	497.59	0.16	ppb
Arsenic	75-1	487.03	480.72	482.60	483.45	0.67	ppb
Barium	135-1	2554.16	2530.08	2544.13	2542.79	0.48	ppb
Barium	137-1	2556.00	2531.81	2545.86	2544.56	0.48	ppb
Beryllium	9-1	495.48	501.75	505.10	500.78	0.98	ppb
Bismuth	209-1				81		%
Bismuth	209-2				74		%
Boron	10-1	494.83	514.02	528.34	512.39	3.28	ppb
Boron	11-1	500.71	521.07	532.11	517.96	3.08	ppb
Cadmium	111-1	504.52	498.69	502.10	501.77	0.58	ppb
Cadmium	106-1	507.00	500.76	505.35	504.37	0.64	ppb
Cadmium	108-1	512.36	503.19	508.35	507.97	0.91	ppb
Calcium	43-1	229135.28	231522.83	233412.70	231356.94	0.93	ppb
Calcium	44-1	229433.86	230710.32	232714.21	230952.80	0.72	ppb
Chromium	52-2	512.49	506.12	503.22	507.28	0.93	ppb
Cobalt	59-2	500.90	494.70	494.26	496.62	0.75	ppb
Copper	63-2	1045.70	1031.36	1023.99	1033.68	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				85		%
Indium	115-1				83		%
Indium	115-2				78		%
Iron	56-2	126203.79	124485.61	123925.10	124871.50	0.95	ppb
Iron	57-2	125237.20	124827.56	123575.43	124546.73	0.70	ppb
Krypton	83-1						cps
Lead	206-1	515.35	519.28	517.61	517.41	0.38	ppb
Lead	207-1	514.15	516.52	517.77	516.15	0.36	ppb
Lead	208-1	510.12	513.84	512.73	512.23	0.37	ppb
Lithium	6-1				86		%
Magnesium	24-2	248471.90	246257.68	245807.63	246845.74	0.58	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.74	987.21	983.97	990.97	0.95	ppb
Molybdenum	94-1	2486.28	2485.70	2528.71	2500.23	0.99	ppb
Molybdenum	95-1	2502.30	2489.43	2514.25	2501.99	0.50	ppb
Molybdenum	96-1	2491.53	2503.98	2508.76	2501.42	0.36	ppb
Molybdenum	97-1	2490.47	2510.77	2504.11	2501.78	0.41	ppb
Molybdenum	98-1	2496.33	2496.75	2511.49	2501.53	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.94	491.08	491.33	493.12	0.67	ppb
Phosphorus	31-2	10179.36	10202.00	10171.89	10184.42	0.15	ppb
Potassium	39-2	122920.60	120993.78	121660.65	121858.34	0.80	ppb
Rhodium	103-1				78		%
Rhodium	103-2				74		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	534.92	528.99	517.02	526.98	1.73	ppb
Selenium	78-2	520.67	517.44	516.70	518.27	0.41	ppb
Selenium	82-1	498.22	496.40	501.32	498.65	0.50	ppb
Silicon	28-1	448.24	440.72	453.97	447.64	1.48	ppb
Silver	109-1	478.47	475.59	479.20	477.75	0.40	ppb
Silver	107-1	479.55	474.61	479.83	477.99	0.61	ppb
Sodium	23-2	244944.79	242053.74	242118.86	243039.13	0.68	ppb
Strontium	86-1	487.57	485.94	487.66	487.06	0.20	ppb
Strontium	88-1	491.15	492.12	494.15	492.47	0.31	ppb
Sulfur	34-1	9919.77	10016.45	9985.97	9974.07	0.50	ppb
Terbium	159-1				90		%
Terbium	159-2				85		%
Thallium	203-1	515.53	524.14	522.47	520.71	0.88	ppb
Thallium	205-1	516.07	519.96	522.79	519.60	0.65	ppb
Thorium	232-1	514.97	520.28	523.73	519.66	0.85	ppb
Tin	118-1	506.75	507.90	506.38	507.01	0.16	ppb
Titanium	47-1	2503.08	2506.31	2525.70	2511.70	0.49	ppb
Uranium	238-1	513.19	517.00	518.29	516.16	0.51	ppb
Vanadium	51-2	515.97	507.53	509.85	511.12	0.85	ppb
Yttrium	89-1				86		%
Yttrium	89-2				82		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	996.64	990.18	982.56	989.79	0.71	ppb
Zirconium	90-1	502.92	505.66	510.72	506.43	0.78	ppb
Zirconium	91-1	499.75	498.85	504.31	500.97	0.58	ppb

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P7
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:42:14 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.03	-0.06	0.13	0.04	267.50	ppb
Antimony	121-1	0.39	0.39	0.38	0.39	2.22	ppb
Arsenic	75-1	0.04	0.08	0.05	0.06	39.03	ppb
Barium	135-1	0.04	0.02	0.04	0.03	36.24	ppb
Barium	137-1	0.04	0.02	0.01	0.02	64.60	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	11.17	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	22.49	22.40	20.57	21.82	4.97	ppb
Boron	11-1	22.28	21.36	20.67	21.44	3.78	ppb
Cadmium	111-1	-0.04	-0.04	-0.06	-0.05		ppb
Cadmium	106-1	-2.63	-2.40	-3.12	-2.71		ppb
Cadmium	108-1	0.03	-0.03	0.00	0.00	1687.06	ppb
Calcium	43-1	3.78	0.18	1.97	1.98	91.24	ppb
Calcium	44-1	6.04	6.30	4.03	5.46	22.83	ppb
Chromium	52-2	-0.03	0.02	0.01	0.00	4006.22	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.01	0.02	-0.01	0.01	155.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				105		%
Indium	115-2				100		%
Iron	56-2	1.39	1.33	1.25	1.32	5.44	ppb
Iron	57-2	1.14	2.27	1.00	1.47	47.32	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.05	0.07	0.06	17.18	ppb
Lead	207-1	0.06	0.07	0.07	0.06	4.48	ppb
Lead	208-1	0.06	0.06	0.06	0.06	1.99	ppb
Lithium	6-1				106		%
Magnesium	24-2	1.95	1.48	1.64	1.69	14.04	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:42:14	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.45	0.38	0.42	0.42	8.40	ppb
Molybdenum	95-1	0.65	0.52	0.47	0.55	17.21	ppb
Molybdenum	96-1	0.60	0.58	0.51	0.56	8.67	ppb
Molybdenum	97-1	0.60	0.52	0.53	0.55	8.33	ppb
Molybdenum	98-1	0.61	0.57	0.47	0.55	13.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00		ppb
Phosphorus	31-2	-49.66	-57.28	-54.32	-53.75		ppb
Potassium	39-2	6.23	7.20	10.75	8.06	29.51	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	-0.06	0.13	-0.06	0.00	3840.29	ppb
Selenium	78-2	-0.26	0.43	0.28	0.15	239.55	ppb
Selenium	82-1	-0.07	-0.19	0.18	-0.02		ppb
Silicon	28-1	-0.39	-0.28	-0.15	-0.27		ppb
Silver	109-1	0.04	0.04	0.03	0.03	8.70	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.74	ppb
Sodium	23-2	23.67	23.81	24.61	24.03	2.11	ppb
Strontium	86-1	-0.01	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.01	0.00	0.01	42.99	ppb
Sulfur	34-1	-420.82	-384.42	-362.80	-389.35		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.05	0.06	14.31	ppb
Thallium	205-1	0.07	0.06	0.05	0.06	15.33	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	8.23	ppb
Tin	118-1	0.09	0.10	0.10	0.10	6.03	ppb
Titanium	47-1	0.08	0.06	0.07	0.07	18.18	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	98.36	ppb
Vanadium	51-2	0.00	0.00	-0.01	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				101		%

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:42:14	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.28	0.13	0.15	0.19	41.90	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	1.26	ppb
Zirconium	91-1	0.03	0.05	0.04	0.04	22.02	ppb

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	133	75	131	41.53	cps
Antimony	121-1	108	25	33	56	82.62	cps
Arsenic	75-1	-805	-741	-1036	-861	-17.99	cps
Barium	135-1	75	158	67	100	50.69	cps
Barium	137-1	125	125	50	100	43.30	cps
Beryllium	9-1	83	107	123	104	19.24	cps
Bismuth	209-1	14368846	14370109	14841536	14526830	1.88	cps
Bismuth	209-2	8730905	9691515	9300072	9240831	5.23	cps
Boron	10-1	1025	1042	1225	1097	10.11	cps
Boron	11-1	5051	5226	5176	5151	1.75	cps
Cadmium	111-1	1572	1534	1591	1565	1.83	cps
Cadmium	106-1	7702	7619	7886	7736	1.76	cps
Cadmium	108-1	21	21	17	19	12.35	cps
Calcium	43-1	225	175	267	222	20.65	cps
Calcium	44-1	9304	9745	9637	9562	2.41	cps
Chromium	52-2	730	730	830	763	7.56	cps
Cobalt	59-2	140	140	107	129	14.93	cps
Copper	63-2	1323	1390	1330	1348	2.72	cps
Dysprosium	156-1	58	50	58	56	8.67	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	20	37	17	24	43.83	cps
Gadolinium	160-1	125	83	100	103	20.41	cps
Gadolinium	160-2	290	350	353	331	10.76	cps
Holmium	165-1	19612844	19744207	20333715	19896922	1.93	cps
Holmium	165-2	10993317	12301917	11747288	11680841	5.62	cps
Indium	115-1	14443259	14467234	14802989	14571161	1.38	cps
Indium	115-2	3272370	3706334	3545177	3507961	6.25	cps
Iron	56-2	7719	8036	7636	7797	2.71	cps
Iron	57-2	194	172	150	172	12.90	cps
Krypton	83-1	480	600	540	540	11.11	cps
Lead	206-1	644	650	633	643	1.32	cps
Lead	207-1	517	561	644	574	11.30	cps
Lead	208-1	2556	2672	2706	2645	2.98	cps
Lithium	6-1	4970033	5005601	5094335	5023323	1.27	cps
Magnesium	24-2	217	433	317	322	33.65	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	150	103	107	120	21.69	cps
Molybdenum	94-1	425	383	467	425	9.81	cps
Molybdenum	95-1	142	117	92	117	21.43	cps
Molybdenum	96-1	100	217	250	189	41.70	cps
Molybdenum	97-1	75	58	17	50	60.09	cps
Molybdenum	98-1	233	158	175	189	20.85	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	140	137	133	6.61	cps
Phosphorus	31-2	617	625	633	625	1.33	cps
Potassium	39-2	18495	19163	18687	18782	1.83	cps
Rhodium	103-1	12855262	12898430	13418974	13057555	2.40	cps
Rhodium	103-2	6467651	7259207	6973545	6900134	5.81	cps
Scandium	45-1	9166469	9286646	9570933	9341349	2.22	cps
Scandium	45-2	456851	511730	492626	487069	5.72	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	81	102	89	91	11.36	cps
Selenium	82-1	118	-33	49	44	170.29	cps
Silicon	28-1	244872	241018	246304	244065	1.12	cps
Silver	109-1	92	92	58	81	23.89	cps
Silver	107-1	200	158	250	203	22.63	cps
Sodium	23-2	6860	6752	6577	6730	2.13	cps
Strontium	86-1	1008	958	967	978	2.74	cps
Strontium	88-1	167	192	133	164	17.86	cps
Sulfur	34-1	412008	415383	417205	414865	0.64	cps
Terbium	159-1	20166555	20379582	20896836	20480991	1.83	cps
Terbium	159-2	10744602	11980101	11503272	11409325	5.46	cps
Thallium	203-1	250	392	242	294	28.63	cps
Thallium	205-1	500	650	625	592	13.58	cps
Thorium	232-1	139	111	128	126	11.10	cps
Tin	118-1	583	758	800	714	16.10	cps
Titanium	47-1	175	208	183	189	9.18	cps
Uranium	238-1	542	475	392	469	16.01	cps
Vanadium	51-2	33	30	20	28	24.98	cps
Yttrium	89-1	14545186	14641804	15038546	14741845	1.77	cps
Yttrium	89-2	2390556	2697439	2586667	2558221	6.07	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:30:43	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	920	1133	1093	1049	10.81	cps
Zirconium	90-1	1192	925	1100	1072	12.64	cps
Zirconium	91-1	175	175	158	169	5.68	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3092	3567	3334	3331	7.13	cps
Antimony	121-1	21601	22210	22377	22063	1.85	cps
Arsenic	75-1	1917	1224	1333	1491	24.99	cps
Barium	135-1	32079	32222	31763	32021	0.73	cps
Barium	137-1	54893	55102	53847	54614	1.23	cps
Beryllium	9-1	3594	3610	3777	3660	2.77	cps
Bismuth	209-1	14290987	14314723	14267706	14291139	0.16	cps
Bismuth	209-2	8641933	8543770	8549983	8578562	0.64	cps
Boron	10-1	17895	17627	18028	17850	1.14	cps
Boron	11-1	79476	81010	82450	80979	1.84	cps
Cadmium	111-1	5113	5202	5201	5172	0.99	cps
Cadmium	106-1	7694	7627	7369	7563	2.27	cps
Cadmium	108-1	258	321	338	306	13.66	cps
Calcium	43-1	21066	20924	20824	20938	0.58	cps
Calcium	44-1	347687	347888	346785	347453	0.17	cps
Chromium	52-2	9086	8976	9150	9071	0.97	cps
Cobalt	59-2	6958	6638	7075	6891	3.28	cps
Copper	63-2	10287	10264	10684	10412	2.27	cps
Dysprosium	156-1	33	33	25	31	15.74	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	25	100	42	56	70.88	cps
Erbium	164-2	40	30	17	29	40.51	cps
Gadolinium	160-1	100	117	108	108	7.69	cps
Gadolinium	160-2	297	267	280	281	5.35	cps
Holmium	165-1	19676173	19552096	19258663	19495644	1.10	cps
Holmium	165-2	10885466	10796488	10850705	10844219	0.41	cps
Indium	115-1	14427741	14397007	14274114	14366287	0.57	cps
Indium	115-2	3238599	3251669	3292180	3260816	0.86	cps
Iron	56-2	211200	208481	209095	209592	0.68	cps
Iron	57-2	4918	5201	5512	5210	5.71	cps
Krypton	83-1	520	580	520	540	6.41	cps
Lead	206-1	12528	12829	12373	12577	1.84	cps
Lead	207-1	11177	10866	11138	11060	1.53	cps
Lead	208-1	50294	50968	50194	50485	0.83	cps
Lithium	6-1	5003473	4982823	4973198	4986498	0.31	cps
Magnesium	24-2	188581	189899	190773	189751	0.58	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3014	2987	3000	3000	0.44	cps
Molybdenum	94-1	25123	25014	24622	24920	1.06	cps
Molybdenum	95-1	30442	30358	30851	30550	0.86	cps
Molybdenum	96-1	34000	34159	33783	33980	0.56	cps
Molybdenum	97-1	19055	18997	19556	19203	1.60	cps
Molybdenum	98-1	49847	48175	48693	48905	1.75	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	2017	1947	1857	1940	4.13	cps
Phosphorus	31-2	1175	1000	1158	1111	8.69	cps
Potassium	39-2	194027	194956	195622	194869	0.41	cps
Rhodium	103-1	12974165	12884841	12759371	12872792	0.84	cps
Rhodium	103-2	6517618	6345041	6442254	6434971	1.34	cps
Scandium	45-1	9289652	9255389	9157063	9234035	0.75	cps
Scandium	45-2	454822	452447	454591	453953	0.29	cps
Selenium	77-2	103	83	110	99	14.04	cps
Selenium	78-2	385	489	409	428	12.69	cps
Selenium	82-1	1911	1839	1791	1847	3.27	cps
Silicon	28-1	323576	325454	324228	324419	0.29	cps
Silver	109-1	16143	16786	16886	16605	2.43	cps
Silver	107-1	17261	17787	17294	17447	1.69	cps
Sodium	23-2	343290	342396	345280	343655	0.43	cps
Strontium	86-1	5176	5126	4726	5009	4.93	cps
Strontium	88-1	36472	36255	36213	36314	0.38	cps
Sulfur	34-1	431444	429616	426110	429057	0.63	cps
Terbium	159-1	20183289	20059232	19885371	20042631	0.75	cps
Terbium	159-2	10755712	10733256	10677735	10722235	0.37	cps
Thallium	203-1	14041	14425	14942	14470	3.12	cps
Thallium	205-1	34663	34671	35323	34886	1.09	cps
Thorium	232-1	51150	50682	50832	50888	0.47	cps
Tin	118-1	55811	56172	54373	55452	1.72	cps
Titanium	47-1	10012	9228	9245	9495	4.72	cps
Uranium	238-1	53687	52357	51193	52412	2.38	cps
Vanadium	51-2	17307	17838	17831	17659	1.72	cps
Yttrium	89-1	14639334	14539529	14448871	14542578	0.66	cps
Yttrium	89-2	2389736	2364519	2386034	2380096	0.57	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:39:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2984	2790	2977	2917	3.76	cps
Zirconium	90-1	20724	20632	19706	20354	2.77	cps
Zirconium	91-1	4434	4718	4634	4595	3.17	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	161260	159635	163046	161314	1.06	cps
Antimony	121-1	575170	583518	577629	578772	0.74	cps
Arsenic	75-1	144304	144905	142530	143913	0.86	cps
Barium	135-1	775155	783840	774433	777809	0.67	cps
Barium	137-1	1351102	1367947	1354754	1357934	0.65	cps
Beryllium	9-1	176450	175355	176184	175996	0.32	cps
Bismuth	209-1	14581942	14534028	14346436	14487469	0.86	cps
Bismuth	209-2	8734266	8625318	8601330	8653638	0.82	cps
Boron	10-1	34917	35409	36010	35445	1.55	cps
Boron	11-1	156108	154498	159603	156736	1.67	cps
Cadmium	111-1	183369	185007	180294	182890	1.31	cps
Cadmium	106-1	27778	28747	27360	27962	2.54	cps
Cadmium	108-1	14570	15275	14745	14864	2.47	cps
Calcium	43-1	214627	214087	211237	213317	0.85	cps
Calcium	44-1	3471904	3459993	3450843	3460913	0.31	cps
Chromium	52-2	207342	206169	208386	207299	0.54	cps
Cobalt	59-2	330726	329624	330377	330242	0.17	cps
Copper	63-2	456087	453267	453278	454210	0.36	cps
Dysprosium	156-1	42	25	33	33	25.01	cps
Dysprosium	156-2	33	17	13	21	50.75	cps
Erbium	164-1	83	100	67	83	20.00	cps
Erbium	164-2	33	43	43	40	14.43	cps
Gadolinium	160-1	75	75	125	92	31.50	cps
Gadolinium	160-2	293	303	317	304	3.85	cps
Holmium	165-1	20174990	19996108	19650955	19940684	1.34	cps
Holmium	165-2	11129764	11058823	10958296	11048961	0.78	cps
Indium	115-1	14689957	14575763	14215480	14493734	1.71	cps
Indium	115-2	3311598	3281749	3242466	3278604	1.06	cps
Iron	56-2	9424847	9450104	9532584	9469178	0.60	cps
Iron	57-2	231464	231819	230952	231412	0.19	cps
Krypton	83-1	517	487	533	512	4.62	cps
Lead	206-1	602004	601080	603051	602045	0.16	cps
Lead	207-1	550906	543134	546799	546946	0.71	cps
Lead	208-1	2460397	2451747	2453090	2455078	0.19	cps
Lithium	6-1	4999334	4953982	4869627	4940981	1.33	cps
Magnesium	24-2	1807569	1810499	1816941	1811670	0.26	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	278032	276752	276762	277182	0.27	cps
Molybdenum	94-1	1205195	1207716	1201507	1204806	0.26	cps
Molybdenum	95-1	1471049	1471444	1459829	1467440	0.45	cps
Molybdenum	96-1	1632062	1645865	1620891	1632939	0.77	cps
Molybdenum	97-1	918474	912219	903073	911255	0.85	cps
Molybdenum	98-1	2388356	2368404	2353576	2370112	0.74	cps
Neodymium	150-1	93	60	100	84	25.38	cps
Neodymium	150-2	13	10	3	9	57.30	cps
Nickel	60-2	85038	85950	86614	85868	0.92	cps
Phosphorus	31-2	10346	10654	10104	10368	2.66	cps
Potassium	39-2	881455	875209	883587	880084	0.49	cps
Rhodium	103-1	13082372	12902072	12680375	12888273	1.56	cps
Rhodium	103-2	6443758	6366097	6329831	6379896	0.91	cps
Scandium	45-1	9320079	9288247	9098694	9235673	1.30	cps
Scandium	45-2	455129	450550	445839	450506	1.03	cps
Selenium	77-2	877	837	937	883	5.70	cps
Selenium	78-2	3097	2939	2997	3011	2.65	cps
Selenium	82-1	16659	16716	16630	16668	0.26	cps
Silicon	28-1	715964	718936	718515	717805	0.22	cps
Silver	109-1	824339	836256	828257	829617	0.73	cps
Silver	107-1	866824	869696	867468	867996	0.17	cps
Sodium	23-2	3343809	3326383	3369690	3346627	0.65	cps
Strontium	86-1	210160	208969	208767	209299	0.36	cps
Strontium	88-1	1799774	1814061	1788659	1800831	0.71	cps
Sulfur	34-1	496962	487445	486276	490228	1.20	cps
Terbium	159-1	20589734	20635034	20262028	20495598	0.99	cps
Terbium	159-2	10861772	10796769	10658733	10772425	0.96	cps
Thallium	203-1	738007	737850	749014	741623	0.86	cps
Thallium	205-1	1792134	1799730	1794291	1795385	0.22	cps
Thorium	232-1	2686181	2698231	2697676	2694029	0.25	cps
Tin	118-1	532791	528761	532603	531385	0.43	cps
Titanium	47-1	436570	431852	432436	433619	0.59	cps
Uranium	238-1	2690955	2714960	2670754	2692223	0.82	cps
Vanadium	51-2	166039	163895	165220	165051	0.66	cps
Yttrium	89-1	14803909	14668768	14440084	14637587	1.26	cps
Yttrium	89-2	2408556	2369054	2362427	2380013	1.05	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:43:10	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	91152	90076	89784	90337	0.80	cps
Zirconium	90-1	1019842	1014833	1013714	1016130	0.32	cps
Zirconium	91-1	225617	227853	224560	226010	0.74	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:47:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	387174	390866	384083	387375	0.88	cps
Antimony	121-1	1434440	1436039	1441375	1437285	0.25	cps
Arsenic	75-1	350425	349369	344286	348027	0.94	cps
Barium	135-1	1937568	1925472	1927322	1930120	0.34	cps
Barium	137-1	3365163	3379736	3369060	3371320	0.22	cps
Beryllium	9-1	420260	420226	417717	419401	0.35	cps
Bismuth	209-1	13689278	13739955	13698418	13709217	0.20	cps
Bismuth	209-2	8456659	8434232	8392729	8427874	0.38	cps
Boron	10-1	82609	84042	83204	83285	0.86	cps
Boron	11-1	368052	375469	381512	375011	1.80	cps
Cadmium	111-1	441691	443974	445956	443874	0.48	cps
Cadmium	106-1	57225	57618	57802	57548	0.51	cps
Cadmium	108-1	36004	35741	35779	35841	0.40	cps
Calcium	43-1	514127	507982	508379	510163	0.67	cps
Calcium	44-1	8228501	8152522	8115956	8165659	0.70	cps
Chromium	52-2	488171	487449	486575	487398	0.16	cps
Cobalt	59-2	781574	778216	782211	780667	0.27	cps
Copper	63-2	1062839	1064682	1061008	1062843	0.17	cps
Dysprosium	156-1	67	33	17	39	65.47	cps
Dysprosium	156-2	40	40	63	48	28.19	cps
Erbium	164-1	83	108	50	81	36.33	cps
Erbium	164-2	47	43	40	43	7.70	cps
Gadolinium	160-1	117	142	75	111	30.31	cps
Gadolinium	160-2	250	273	300	274	9.12	cps
Holmium	165-1	18818717	18864304	19068700	18917240	0.70	cps
Holmium	165-2	10888546	10821931	10742240	10817572	0.68	cps
Indium	115-1	13429156	13554205	13419604	13467655	0.56	cps
Indium	115-2	3154248	3154397	3154282	3154309	0.00	cps
Iron	56-2	22529424	22363830	22282754	22392003	0.56	cps
Iron	57-2	549427	547963	545182	547524	0.39	cps
Krypton	83-1	517	567	583	556	6.25	cps
Lead	206-1	1495907	1503960	1497184	1499017	0.29	cps
Lead	207-1	1360258	1360586	1358402	1359749	0.09	cps
Lead	208-1	6119831	6144888	6119687	6128135	0.24	cps
Lithium	6-1	4628206	4582004	4607882	4606031	0.50	cps
Magnesium	24-2	4301795	4323789	4304729	4310104	0.28	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:47:18	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	660908	654460	657082	657483	0.49	cps
Molybdenum	94-1	2959614	2992495	2960413	2970841	0.63	cps
Molybdenum	95-1	3638152	3654771	3625126	3639350	0.41	cps
Molybdenum	96-1	4047625	4035254	4045218	4042699	0.16	cps
Molybdenum	97-1	2253545	2252649	2263065	2256420	0.26	cps
Molybdenum	98-1	5886049	5873706	5713853	5824536	1.65	cps
Neodymium	150-1	180	187	240	202	16.26	cps
Neodymium	150-2	20	17	23	20	16.65	cps
Nickel	60-2	201125	198990	198247	199454	0.75	cps
Phosphorus	31-2	23745	22493	22485	22907	3.17	cps
Potassium	39-2	2070651	2060840	2064726	2065406	0.24	cps
Rhodium	103-1	11814676	11914849	11978981	11902835	0.70	cps
Rhodium	103-2	6165137	6167259	6105779	6146058	0.57	cps
Scandium	45-1	8608345	8548445	8525710	8560833	0.50	cps
Scandium	45-2	432729	429107	429593	430476	0.46	cps
Selenium	77-2	2207	2130	2340	2226	4.78	cps
Selenium	78-2	6967	7246	7156	7123	2.00	cps
Selenium	82-1	39619	39750	39598	39656	0.21	cps
Silicon	28-1	1532269	1571300	1594527	1566032	2.01	cps
Silver	109-1	2007778	2010556	2009384	2009239	0.07	cps
Silver	107-1	2073989	2110982	2111081	2098684	1.02	cps
Sodium	23-2	7962835	7934675	7904116	7933875	0.37	cps
Strontium	86-1	512940	513877	505551	510789	0.89	cps
Strontium	88-1	4498276	4496711	4456562	4483850	0.53	cps
Sulfur	34-1	583248	574891	578990	579043	0.72	cps
Terbium	159-1	19329109	19488604	19447988	19421901	0.43	cps
Terbium	159-2	10639902	10613963	10483812	10579226	0.79	cps
Thallium	203-1	1844385	1843810	1862326	1850173	0.57	cps
Thallium	205-1	4486181	4472210	4501892	4486761	0.33	cps
Thorium	232-1	6706665	6692735	6639882	6679761	0.53	cps
Tin	118-1	1305875	1298740	1303360	1302659	0.28	cps
Titanium	47-1	1056432	1057119	1055324	1056292	0.09	cps
Uranium	238-1	6599732	6614528	6547651	6587304	0.53	cps
Vanadium	51-2	391251	390199	392373	391274	0.28	cps
Yttrium	89-1	13693450	13629542	13680926	13667973	0.25	cps
Yttrium	89-2	2300561	2294484	2292387	2295811	0.18	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:47:18	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	211522	212036	212503	212020	0.23	cps
Zirconium	90-1	2503512	2499663	2488624	2497266	0.31	cps
Zirconium	91-1	562315	559012	559439	560255	0.32	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:51:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	701803	708883	692929	701205	1.14	cps
Antimony	121-1	2752436	2717848	2697859	2722714	1.01	cps
Arsenic	75-1	640787	630478	632431	634566	0.86	cps
Barium	135-1	3695437	3651512	3640288	3662413	0.80	cps
Barium	137-1	6206301	6403701	6345217	6318406	1.60	cps
Beryllium	9-1	765002	758087	751437	758175	0.89	cps
Bismuth	209-1	12768783	13051954	12849529	12890089	1.13	cps
Bismuth	209-2	8016117	8029756	7991977	8012616	0.24	cps
Boron	10-1	148489	152058	153160	151236	1.61	cps
Boron	11-1	668280	679418	683063	676921	1.14	cps
Cadmium	111-1	825536	820793	813848	820059	0.72	cps
Cadmium	106-1	102830	102913	99910	101884	1.68	cps
Cadmium	108-1	67322	66443	64978	66247	1.79	cps
Calcium	43-1	936881	919465	921871	926072	1.02	cps
Calcium	44-1	15020788	14675653	14719544	14805328	1.27	cps
Chromium	52-2	889056	885861	884117	886345	0.28	cps
Cobalt	59-2	1407425	1411588	1393309	1404107	0.68	cps
Copper	63-2	1907101	1910592	1909058	1908917	0.09	cps
Dysprosium	156-1	58	75	75	69	13.85	cps
Dysprosium	156-2	100	67	73	80	22.04	cps
Erbium	164-1	75	58	67	67	12.49	cps
Erbium	164-2	13	30	27	23	37.81	cps
Gadolinium	160-1	125	133	75	111	28.40	cps
Gadolinium	160-2	250	253	253	252	0.76	cps
Holmium	165-1	17791949	18042669	17938342	17924320	0.70	cps
Holmium	165-2	10342405	10313482	10239472	10298453	0.52	cps
Indium	115-1	12193447	12349064	12265104	12269205	0.63	cps
Indium	115-2	2918407	2908812	2889780	2905666	0.50	cps
Iron	56-2	40911276	40802687	40661548	40791837	0.31	cps
Iron	57-2	1001857	1001693	1000502	1001351	0.07	cps
Krypton	83-1	537	503	557	532	5.06	cps
Lead	206-1	2901110	2891005	2863412	2885176	0.68	cps
Lead	207-1	2644961	2624633	2628657	2632750	0.41	cps
Lead	208-1	11907590	11892724	11853678	11884664	0.23	cps
Lithium	6-1	4166537	4198457	4122163	4162386	0.92	cps
Magnesium	24-2	7843199	7833439	7736831	7804490	0.75	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:51:08	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1206746	1204518	1202073	1204445	0.19	cps
Molybdenum	94-1	5608291	5558822	5510753	5559288	0.88	cps
Molybdenum	95-1	6638852	6520337	6526910	6562033	1.02	cps
Molybdenum	96-1	7396864	7256495	7230434	7294598	1.23	cps
Molybdenum	97-1	4229597	4179467	4152766	4187277	0.93	cps
Molybdenum	98-1	10689287	10552289	10464569	10568715	1.07	cps
Neodymium	150-1	220	293	307	273	17.07	cps
Neodymium	150-2	23	43	23	30	38.49	cps
Nickel	60-2	361052	358453	358620	359375	0.40	cps
Phosphorus	31-2	41500	40648	41199	41116	1.05	cps
Potassium	39-2	3724417	3747324	3694006	3721916	0.72	cps
Rhodium	103-1	10656916	10841507	10637093	10711839	1.05	cps
Rhodium	103-2	5637677	5630488	5549616	5605927	0.87	cps
Scandium	45-1	7560208	7720851	7599627	7626895	1.10	cps
Scandium	45-2	394533	391434	389785	391917	0.61	cps
Selenium	77-2	3954	3877	3791	3874	2.11	cps
Selenium	78-2	13147	13115	12950	13071	0.81	cps
Selenium	82-1	71519	71666	71503	71563	0.13	cps
Silicon	28-1	2743960	2807983	2838296	2796747	1.72	cps
Silver	109-1	3730506	3717087	3669449	3705681	0.87	cps
Silver	107-1	3925533	3909414	3871750	3902232	0.71	cps
Sodium	23-2	14622746	14561728	14458428	14547634	0.57	cps
Strontium	86-1	965491	949423	943973	952962	1.17	cps
Strontium	88-1	8149755	8100956	8076697	8109136	0.46	cps
Sulfur	34-1	714470	702967	701245	706227	1.02	cps
Terbium	159-1	18127678	18425429	18138536	18230548	0.93	cps
Terbium	159-2	10066768	10061415	9976705	10034963	0.50	cps
Thallium	203-1	3602514	3579682	3582291	3588162	0.35	cps
Thallium	205-1	8426550	8299238	8305966	8343918	0.86	cps
Thorium	232-1	13236351	13129570	13125309	13163743	0.48	cps
Tin	118-1	2464342	2435700	2417986	2439342	0.96	cps
Titanium	47-1	1952212	1924864	1915230	1930769	0.99	cps
Uranium	238-1	12873563	12832655	12921848	12876022	0.35	cps
Vanadium	51-2	712143	709041	706739	709307	0.38	cps
Yttrium	89-1	12262055	12604741	12412279	12426359	1.38	cps
Yttrium	89-2	2116927	2118784	2096005	2110572	0.60	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:51:08	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	379896	379366	375766	378342	0.59	cps
Zirconium	90-1	4654625	4618592	4615120	4629446	0.47	cps
Zirconium	91-1	1047135	1033325	1026764	1035741	1.00	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1308294	1307853	1300839	1305662	0.32	cps
Antimony	121-1	5184330	5184811	5146284	5171808	0.43	cps
Arsenic	75-1	1159975	1176028	1163055	1166352	0.73	cps
Barium	135-1	6840210	6913637	6786048	6846632	0.94	cps
Barium	137-1	11881761	11959854	11754163	11865259	0.88	cps
Beryllium	9-1	1391104	1394959	1385952	1390672	0.32	cps
Bismuth	209-1	12511883	12440351	12317448	12423227	0.79	cps
Bismuth	209-2	7495685	7439322	7468168	7467725	0.38	cps
Boron	10-1	277056	279562	281813	279477	0.85	cps
Boron	11-1	1235487	1253190	1268059	1252245	1.30	cps
Cadmium	111-1	1597470	1594570	1593450	1595163	0.13	cps
Cadmium	106-1	189811	191493	187146	189483	1.16	cps
Cadmium	108-1	127509	129257	127215	127994	0.86	cps
Calcium	43-1	1752320	1756541	1750107	1752989	0.19	cps
Calcium	44-1	28009248	28095095	27856548	27986963	0.43	cps
Chromium	52-2	1647931	1643985	1645659	1645858	0.12	cps
Cobalt	59-2	2594972	2590834	2585769	2590525	0.18	cps
Copper	63-2	3497103	3494768	3493260	3495044	0.06	cps
Dysprosium	156-1	158	83	200	147	40.16	cps
Dysprosium	156-2	167	163	143	158	8.00	cps
Erbium	164-1	42	50	92	61	43.83	cps
Erbium	164-2	27	27	43	32	29.85	cps
Gadolinium	160-1	142	100	75	106	31.91	cps
Gadolinium	160-2	293	250	253	266	9.08	cps
Holmium	165-1	17393644	17572071	17374711	17446809	0.62	cps
Holmium	165-2	9853498	9716566	9800232	9790099	0.71	cps
Indium	115-1	11652864	11630758	11599832	11627818	0.23	cps
Indium	115-2	2677753	2672139	2680870	2676920	0.17	cps
Iron	56-2	76105518	75889066	75907166	75967250	0.16	cps
Iron	57-2	1852361	1858034	1852401	1854266	0.18	cps
Krypton	83-1	453	503	537	498	8.43	cps
Lead	206-1	5614317	5666338	5679938	5653531	0.61	cps
Lead	207-1	5153575	5171557	5130251	5151794	0.40	cps
Lead	208-1	22785913	22835871	22572623	22731469	0.62	cps
Lithium	6-1	3997039	4004528	3958542	3986703	0.62	cps
Magnesium	24-2	14680296	14669089	14618701	14656029	0.22	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2239300	2233161	2236976	2236479	0.14	cps
Molybdenum	94-1	10221676	10308574	10154751	10228334	0.75	cps
Molybdenum	95-1	12458302	12506111	12375388	12446600	0.53	cps
Molybdenum	96-1	13861732	13935252	13937683	13911556	0.31	cps
Molybdenum	97-1	7775998	7810059	7732634	7772897	0.50	cps
Molybdenum	98-1	20139482	20153673	19947930	20080361	0.57	cps
Neodymium	150-1	560	573	580	571	1.78	cps
Neodymium	150-2	77	67	100	81	21.09	cps
Nickel	60-2	655784	656623	657565	656657	0.14	cps
Phosphorus	31-2	74303	74453	75576	74777	0.93	cps
Potassium	39-2	6907125	6836873	6856798	6866932	0.53	cps
Rhodium	103-1	9988288	10082856	9907941	9993028	0.88	cps
Rhodium	103-2	5182654	5124944	5155699	5154432	0.56	cps
Scandium	45-1	7189748	7164656	7111318	7155241	0.56	cps
Scandium	45-2	364312	363222	361319	362951	0.42	cps
Selenium	77-2	7315	7002	6962	7093	2.73	cps
Selenium	78-2	23808	23829	23667	23768	0.37	cps
Selenium	82-1	130735	131966	130985	131229	0.50	cps
Silicon	28-1	4760785	4861481	4915942	4846069	1.62	cps
Silver	109-1	7053288	7040092	6962272	7018551	0.70	cps
Silver	107-1	7260163	7301801	7274913	7278959	0.29	cps
Sodium	23-2	27485234	27295114	27241258	27340535	0.47	cps
Strontium	86-1	1813977	1809447	1806067	1809830	0.22	cps
Strontium	88-1	15492239	15378936	15400165	15423780	0.39	cps
Sulfur	34-1	976816	975702	971008	974509	0.32	cps
Terbium	159-1	17793673	17825616	17689204	17769498	0.40	cps
Terbium	159-2	9595687	9438460	9552247	9528798	0.85	cps
Thallium	203-1	6802321	6857591	6798953	6819621	0.48	cps
Thallium	205-1	16298888	16364594	16353533	16339005	0.22	cps
Thorium	232-1	26056530	26136871	25880377	26024593	0.50	cps
Tin	118-1	4682970	4676807	4665059	4674945	0.19	cps
Titanium	47-1	3608961	3595140	3588891	3597664	0.29	cps
Uranium	238-1	25700201	25873389	25604142	25725910	0.53	cps
Vanadium	51-2	1330038	1321806	1321327	1324390	0.37	cps
Yttrium	89-1	11854892	11758626	11778697	11797405	0.43	cps
Yttrium	89-2	1959079	1943887	1954905	1952624	0.40	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:54:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	673461	676760	672954	674392	0.31	cps
Zirconium	90-1	8559275	8571882	8600374	8577177	0.25	cps
Zirconium	91-1	1945332	1951318	1932212	1942954	0.50	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:58:41	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2562383	2562885	2546307	2557192	0.37	cps
Antimony	121-1	9709163	9653105	9598256	9653508	0.57	cps
Arsenic	75-1	2172745	2163187	2168468	2168133	0.22	cps
Barium	135-1	13202446	13138197	13073093	13137912	0.49	cps
Barium	137-1	22983945	22952762	22969976	22968894	0.07	cps
Beryllium	9-1	2612326	2573979	2583169	2589825	0.77	cps
Bismuth	209-1	12077669	11992768	12092998	12054478	0.45	cps
Bismuth	209-2	7350268	7394374	7482885	7409176	0.91	cps
Boron	10-1	529114	531876	539207	533399	0.98	cps
Boron	11-1	2377213	2403568	2441765	2407515	1.35	cps
Cadmium	111-1	2973762	2955022	2944132	2957638	0.51	cps
Cadmium	106-1	349800	347175	347239	348072	0.43	cps
Cadmium	108-1	239102	235620	235696	236806	0.84	cps
Calcium	43-1	3344351	3296203	3333301	3324618	0.76	cps
Calcium	44-1	53429802	52719710	53077550	53075687	0.67	cps
Chromium	52-2	3203019	3212781	3210263	3208687	0.16	cps
Cobalt	59-2	4986573	5041862	4998458	5008964	0.58	cps
Copper	63-2	6899711	6935598	6870990	6902100	0.47	cps
Dysprosium	156-1	208	258	192	219	15.81	cps
Dysprosium	156-2	213	287	330	277	21.32	cps
Erbium	164-1	100	92	58	83	26.46	cps
Erbium	164-2	53	43	70	56	24.25	cps
Gadolinium	160-1	175	108	108	131	29.48	cps
Gadolinium	160-2	253	187	287	242	21.02	cps
Holmium	165-1	17145145	17153492	17207937	17168858	0.20	cps
Holmium	165-2	9846058	9870350	9977215	9897874	0.70	cps
Indium	115-1	11242636	11215015	11184052	11213901	0.26	cps
Indium	115-2	2608775	2657622	2681841	2649413	1.40	cps
Iron	56-2	147329809	147433092	146925470	147229457	0.18	cps
Iron	57-2	3626672	3644965	3623364	3631667	0.32	cps
Krypton	83-1	460	453	480	464	2.99	cps
Lead	206-1	10640079	10506133	10628742	10591651	0.70	cps
Lead	207-1	9661560	9569134	9665472	9632055	0.57	cps
Lead	208-1	43327813	42967271	43486571	43260552	0.62	cps
Lithium	6-1	3890697	3853628	3859973	3868099	0.51	cps
Magnesium	24-2	28492739	28741784	28660565	28631696	0.44	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 11:58:41 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4358799	4371419	4342396	4357538	0.33	cps
Molybdenum	94-1	19727677	19550331	19650376	19642795	0.45	cps
Molybdenum	95-1	23836459	23820438	23732839	23796579	0.23	cps
Molybdenum	96-1	26562330	26415212	26467220	26481587	0.28	cps
Molybdenum	97-1	14881656	14768223	14857255	14835711	0.40	cps
Molybdenum	98-1	38561256	38313643	38346508	38407136	0.35	cps
Neodymium	150-1	1173	1253	1120	1182	5.68	cps
Neodymium	150-2	117	100	117	111	8.66	cps
Nickel	60-2	1244677	1252758	1248808	1248747	0.32	cps
Phosphorus	31-2	145957	149341	147571	147623	1.15	cps
Potassium	39-2	13426678	13548269	13458576	13477841	0.47	cps
Rhodium	103-1	9517461	9406316	9521124	9481633	0.69	cps
Rhodium	103-2	4996197	5092778	5117908	5068961	1.27	cps
Scandium	45-1	6960312	6881349	6928022	6923228	0.57	cps
Scandium	45-2	365488	366878	371170	367845	0.81	cps
Selenium	77-2	13180	13260	13353	13264	0.65	cps
Selenium	78-2	44706	44932	44135	44591	0.92	cps
Selenium	82-1	245629	242053	244201	243961	0.74	cps
Silicon	28-1	8852997	8979168	9086982	8973049	1.31	cps
Silver	109-1	13066404	13023871	13096312	13062196	0.28	cps
Silver	107-1	13738272	13480562	13615960	13611598	0.95	cps
Sodium	23-2	53646995	54071607	53944620	53887741	0.40	cps
Strontium	86-1	3464819	3431584	3455830	3450744	0.50	cps
Strontium	88-1	29468703	29219211	29582127	29423347	0.63	cps
Sulfur	34-1	1561383	1531330	1547368	1546694	0.97	cps
Terbium	159-1	17660955	17510991	17601467	17591138	0.43	cps
Terbium	159-2	9572244	9634812	9768945	9658667	1.04	cps
Thallium	203-1	13181251	13184436	13202349	13189345	0.09	cps
Thallium	205-1	31577156	31488458	31589506	31551707	0.17	cps
Thorium	232-1	51406015	51463816	51194132	51354654	0.28	cps
Tin	118-1	8864567	8817521	8775147	8819078	0.51	cps
Titanium	47-1	6833625	6776729	6748608	6786321	0.64	cps
Uranium	238-1	50629770	50469736	50565093	50554866	0.16	cps
Vanadium	51-2	2596438	2615564	2582003	2598002	0.65	cps
Yttrium	89-1	11508419	11366853	11473247	11449506	0.64	cps
Yttrium	89-2	1940976	1974564	1985252	1966931	1.17	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 11:58:41	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1307135	1322503	1310815	1313484	0.61	cps
Zirconium	90-1	16674202	16343534	16526455	16514730	1.00	cps
Zirconium	91-1	3785965	3731180	3741500	3752882	0.78	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15043793	15196963	15288971	15176575	0.82	cps
Antimony	121-1	16052	17069	16494	16538	3.09	cps
Arsenic	75-1	2487	2783	1940	2404	17.81	cps
Barium	135-1	2625	2125	2292	2348	10.85	cps
Barium	137-1	3917	3976	4176	4023	3.37	cps
Beryllium	9-1	377	357	440	391	11.12	cps
Bismuth	209-1	10659850	10228800	9949237	10279296	3.48	cps
Bismuth	209-2	6246535	6255312	6346591	6282812	0.88	cps
Boron	10-1	33463	29622	28928	30671	7.96	cps
Boron	11-1	149299	140918	130443	140220	6.74	cps
Cadmium	111-1	1721	1603	1514	1612	6.45	cps
Cadmium	106-1	6185	5868	5335	5796	7.42	cps
Cadmium	108-1	71	42	58	57	25.69	cps
Calcium	43-1	17068186	17324176	17302909	17231757	0.82	cps
Calcium	44-1	276854131	280282873	280650356	279262453	0.75	cps
Chromium	52-2	51456	52416	53407	52426	1.86	cps
Cobalt	59-2	63647	64404	65137	64396	1.16	cps
Copper	63-2	8653	8689	8569	8637	0.71	cps
Dysprosium	156-1	133	167	242	181	30.73	cps
Dysprosium	156-2	53	70	77	67	18.03	cps
Erbium	164-1	100	108	117	108	7.69	cps
Erbium	164-2	63	40	63	56	24.25	cps
Gadolinium	160-1	200	183	192	192	4.35	cps
Gadolinium	160-2	300	283	310	298	4.52	cps
Holmium	165-1	17227013	16405769	15977841	16536874	3.84	cps
Holmium	165-2	9560491	9585005	9754707	9633401	1.10	cps
Indium	115-1	11150551	10728587	10475056	10784731	3.16	cps
Indium	115-2	2621652	2635141	2669798	2642197	0.94	cps
Iron	56-2	791530640	797309840	802882885	797241122	0.71	cps
Iron	57-2	19474707	19599215	19800317	19624746	0.84	cps
Krypton	83-1	557	633	577	589	6.75	cps
Lead	206-1	22414	21440	21384	21746	2.66	cps
Lead	207-1	18758	18919	19320	18999	1.52	cps
Lead	208-1	87553	86557	87498	87203	0.64	cps
Lithium	6-1	3907497	3830762	3730278	3822846	2.32	cps
Magnesium	24-2	160388962	162408049	163471883	162089631	0.97	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16546	17110	17174	16943	2.04	cps
Molybdenum	94-1	15509	14958	14341	14936	3.91	cps
Molybdenum	95-1	23103	22452	20975	22176	4.92	cps
Molybdenum	96-1	30784	31753	29924	30820	2.97	cps
Molybdenum	97-1	13882	13665	12706	13418	4.66	cps
Molybdenum	98-1	34367	33323	32513	33401	2.78	cps
Neodymium	150-1	240	187	220	216	12.50	cps
Neodymium	150-2	110	90	113	104	12.08	cps
Nickel	60-2	23766	24457	24494	24239	1.69	cps
Phosphorus	31-2	583	525	550	553	5.29	cps
Potassium	39-2	77740931	78372712	79664579	78592741	1.25	cps
Rhodium	103-1	9036345	8723215	8543022	8767527	2.85	cps
Rhodium	103-2	4734559	4763809	4820033	4772800	0.91	cps
Scandium	45-1	7323869	7065146	6879966	7089660	3.14	cps
Scandium	45-2	398857	404146	404308	402437	0.77	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	93	81	102	92	11.09	cps
Selenium	82-1	167	25	211	134	72.57	cps
Silicon	28-1	1133955	1173550	1190312	1165939	2.48	cps
Silver	109-1	1483	1117	1233	1278	14.66	cps
Silver	107-1	1717	1550	1292	1520	14.09	cps
Sodium	23-2	313662240	314910699	319289649	315954196	0.94	cps
Strontium	86-1	15434	14908	15342	15228	1.84	cps
Strontium	88-1	130144	130513	132339	130999	0.90	cps
Sulfur	34-1	329929	336617	348661	338402	2.81	cps
Terbium	159-1	17422667	16764055	16363404	16850042	3.17	cps
Terbium	159-2	9411203	9364730	9488859	9421597	0.67	cps
Thallium	203-1	3526	3117	3076	3239	7.68	cps
Thallium	205-1	8278	7377	7161	7605	7.79	cps
Thorium	232-1	6163	5073	5724	5653	9.70	cps
Tin	118-1	6377	6202	5643	6074	6.31	cps
Titanium	47-1	3767	3642	4042	3817	5.36	cps
Uranium	238-1	4092	3559	3084	3578	14.10	cps
Vanadium	51-2	620	637	733	663	9.23	cps
Yttrium	89-1	11656515	11335312	11028773	11340200	2.77	cps
Yttrium	89-2	2023045	2038784	2063759	2041863	1.01	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:02:28	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	29533	29213	28865	29204	1.14	cps
Zirconium	90-1	6143	6027	6468	6213	3.69	cps
Zirconium	91-1	1258	1392	1208	1286	7.37	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:13:57	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88100	87615	86224	87313	1.11	cps
Antimony	121-1	2288640	2305825	2312126	2302197	0.53	cps
Arsenic	75-1	579780	577734	572873	576795	0.62	cps
Barium	135-1	310753	312310	312624	311896	0.32	cps
Barium	137-1	540126	544188	541780	542031	0.38	cps
Beryllium	9-1	348548	349479	346282	348103	0.47	cps
Bismuth	209-1	14427911	14472426	14325366	14408568	0.52	cps
Bismuth	209-2	8973132	8946383	8954977	8958164	0.15	cps
Boron	10-1	6285	6252	6035	6190	2.19	cps
Boron	11-1	28711	28052	27918	28227	1.50	cps
Cadmium	111-1	363372	361787	361568	362242	0.27	cps
Cadmium	106-1	40709	40584	39707	40333	1.35	cps
Cadmium	108-1	24751	25160	24480	24797	1.38	cps
Calcium	43-1	84283	83720	82212	83405	1.28	cps
Calcium	44-1	1361023	1366231	1372595	1366616	0.42	cps
Chromium	52-2	414668	409559	410661	411629	0.65	cps
Cobalt	59-2	665211	667573	663684	665489	0.29	cps
Copper	63-2	461967	459001	457083	459350	0.54	cps
Dysprosium	156-1	25	58	17	33	66.14	cps
Dysprosium	156-2	7	7	17	10	57.72	cps
Erbium	164-1	158	117	192	156	24.16	cps
Erbium	164-2	90	63	83	79	17.60	cps
Gadolinium	160-1	100	83	75	86	14.78	cps
Gadolinium	160-2	283	300	313	299	5.03	cps
Holmium	165-1	19838706	19753312	19856530	19816183	0.28	cps
Holmium	165-2	11477469	11339560	11361323	11392784	0.65	cps
Indium	115-1	14501593	14343508	14265501	14370201	0.84	cps
Indium	115-2	3347115	3358357	3360857	3355443	0.22	cps
Iron	56-2	3778175	3762117	3773310	3771201	0.22	cps
Iron	57-2	93753	93849	94329	93977	0.33	cps
Krypton	83-1	573	503	547	541	6.53	cps
Lead	206-1	2441348	2437132	2429088	2435856	0.26	cps
Lead	207-1	2146280	2161279	2135957	2147839	0.59	cps
Lead	208-1	9853769	9933809	9838992	9875523	0.52	cps
Lithium	6-1	4980450	4983721	4959137	4974436	0.27	cps
Magnesium	24-2	442096	441577	437274	440316	0.60	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:13:57	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	273837	274128	271135	273033	0.60	cps
Molybdenum	94-1	1225	992	775	997	22.57	cps
Molybdenum	95-1	1050	883	758	897	16.31	cps
Molybdenum	96-1	1425	1375	1100	1300	13.46	cps
Molybdenum	97-1	800	500	417	572	35.24	cps
Molybdenum	98-1	1467	1292	1408	1389	6.42	cps
Neodymium	150-1	40	27	27	31	24.74	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	171399	174767	171304	172490	1.14	cps
Phosphorus	31-2	567	633	600	600	5.56	cps
Potassium	39-2	726098	717510	709210	717606	1.18	cps
Rhodium	103-1	12890467	12911758	12761938	12854721	0.63	cps
Rhodium	103-2	6681439	6664580	6593639	6646553	0.70	cps
Scandium	45-1	9256420	9282085	9189116	9242540	0.52	cps
Scandium	45-2	473983	469915	466536	470145	0.79	cps
Selenium	77-2	3747	3687	3657	3697	1.24	cps
Selenium	78-2	12411	12350	12189	12316	0.93	cps
Selenium	82-1	66194	66711	65982	66296	0.57	cps
Silicon	28-1	268570	269089	268434	268697	0.13	cps
Silver	109-1	1670058	1661219	1657181	1662820	0.40	cps
Silver	107-1	1728695	1748143	1716015	1730951	0.93	cps
Sodium	23-2	1367948	1371988	1357057	1365664	0.57	cps
Strontium	86-1	10646	10371	11313	10777	4.50	cps
Strontium	88-1	83644	82881	83200	83242	0.46	cps
Sulfur	34-1	404218	402402	393356	399992	1.45	cps
Terbium	159-1	20140204	20266414	20170637	20192418	0.33	cps
Terbium	159-2	11157273	11141874	10986401	11095183	0.85	cps
Thallium	203-1	3023234	3017631	3037601	3026155	0.34	cps
Thallium	205-1	7344687	7265402	7250659	7286916	0.69	cps
Thorium	232-1	950	822	906	893	7.27	cps
Tin	118-1	1025	1033	1083	1047	3.01	cps
Titanium	47-1	300	217	217	244	19.68	cps
Uranium	238-1	1325	1375	1142	1281	9.59	cps
Vanadium	51-2	330526	330679	330182	330462	0.08	cps
Yttrium	89-1	14632565	14623379	14463724	14573223	0.65	cps
Yttrium	89-2	2443866	2453937	2435631	2444478	0.38	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:13:57	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	176296	176832	174930	176019	0.56	cps
Zirconium	90-1	1392	1400	1258	1350	5.89	cps
Zirconium	91-1	1008	783	775	856	15.47	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : LLICV01 Instrumnet Name : P7
 Client Sample ID : LLICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:30:05 DataFile Name : 014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3025	3325	3351	3234	5.59	cps
Antimony	121-1	22026	21184	21834	21681	2.04	cps
Arsenic	75-1	1743	1188	2007	1646	25.41	cps
Barium	135-1	30969	30108	30167	30415	1.58	cps
Barium	137-1	54709	52116	54190	53672	2.56	cps
Beryllium	9-1	3597	3624	3714	3645	1.68	cps
Bismuth	209-1	14602176	14450070	14416819	14489688	0.68	cps
Bismuth	209-2	9075939	9076029	9064815	9072261	0.07	cps
Boron	10-1	18862	19213	19438	19171	1.51	cps
Boron	11-1	81294	85717	88517	85176	4.28	cps
Cadmium	111-1	4738	4628	4618	4661	1.43	cps
Cadmium	106-1	7144	6819	6685	6883	3.43	cps
Cadmium	108-1	333	350	296	326	8.50	cps
Calcium	43-1	21541	21341	20248	21044	3.31	cps
Calcium	44-1	342555	342794	340345	341898	0.39	cps
Chromium	52-2	8996	9473	9196	9222	2.60	cps
Cobalt	59-2	6648	6828	6435	6637	2.97	cps
Copper	63-2	10347	10027	10644	10339	2.98	cps
Dysprosium	156-1	8	0	33	14	124.91	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	58	92	83	78	22.30	cps
Erbium	164-2	27	40	37	34	20.14	cps
Gadolinium	160-1	108	192	108	136	35.35	cps
Gadolinium	160-2	323	323	340	329	2.93	cps
Holmium	165-1	20034910	19807663	19799688	19880754	0.67	cps
Holmium	165-2	11382255	11425485	11476442	11428061	0.41	cps
Indium	115-1	14699659	14660429	14627981	14662690	0.24	cps
Indium	115-2	3363445	3406011	3389319	3386258	0.63	cps
Iron	56-2	209343	207742	207787	208291	0.44	cps
Iron	57-2	4995	5207	5118	5107	2.08	cps
Krypton	83-1	510	597	603	570	9.13	cps
Lead	206-1	12434	12145	12245	12274	1.20	cps
Lead	207-1	10721	10688	10238	10549	2.56	cps
Lead	208-1	49237	47896	48241	48458	1.44	cps
Lithium	6-1	5080661	5101008	5083899	5088523	0.21	cps
Magnesium	24-2	187155	187772	184818	186582	0.84	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3000	3157	2900	3019	4.29	cps
Molybdenum	94-1	24572	25407	23954	24644	2.96	cps
Molybdenum	95-1	30007	31009	29757	30258	2.19	cps
Molybdenum	96-1	33983	33089	33524	33532	1.33	cps
Molybdenum	97-1	18438	18730	19314	18827	2.37	cps
Molybdenum	98-1	49538	48375	47472	48462	2.14	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	10	0	3	173.21	cps
Nickel	60-2	1910	2117	1727	1918	10.17	cps
Phosphorus	31-2	1067	1383	992	1147	18.12	cps
Potassium	39-2	195766	195572	195201	195513	0.15	cps
Rhodium	103-1	13259234	13154755	13161046	13191678	0.44	cps
Rhodium	103-2	6894108	6885411	6834388	6871303	0.47	cps
Scandium	45-1	9511831	9406889	9458196	9458972	0.55	cps
Scandium	45-2	482763	491149	489223	487712	0.90	cps
Selenium	77-2	93	90	80	88	7.91	cps
Selenium	78-2	350	444	413	402	11.95	cps
Selenium	82-1	1922	1700	1751	1791	6.50	cps
Silicon	28-1	316142	317965	318285	317464	0.36	cps
Silver	109-1	16402	16093	16610	16368	1.59	cps
Silver	107-1	16786	16819	17662	17089	2.91	cps
Sodium	23-2	347491	345119	344653	345754	0.44	cps
Strontium	86-1	5076	4834	4993	4968	2.47	cps
Strontium	88-1	35311	34451	34083	34615	1.82	cps
Sulfur	34-1	427681	437527	439440	434883	1.45	cps
Terbium	159-1	20525351	20316597	20334886	20392278	0.57	cps
Terbium	159-2	11230071	11286432	11335818	11284107	0.47	cps
Thallium	203-1	13758	14116	13541	13805	2.11	cps
Thallium	205-1	33552	33092	33569	33404	0.81	cps
Thorium	232-1	49053	48585	47498	48378	1.65	cps
Tin	118-1	54456	54222	54214	54297	0.25	cps
Titanium	47-1	8995	9061	8720	8925	2.03	cps
Uranium	238-1	48725	48282	47722	48243	1.04	cps
Vanadium	51-2	17597	17360	17521	17493	0.69	cps
Yttrium	89-1	14955273	14839962	14896593	14897276	0.39	cps
Yttrium	89-2	2479533	2511398	2511034	2500655	0.73	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:30:05	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2834	2940	2977	2917	2.55	cps
Zirconium	90-1	19706	20749	20507	20321	2.69	cps
Zirconium	91-1	4726	4726	4459	4637	3.32	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:34:45 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	83	78	6.19	cps
Antimony	121-1	617	567	525	569	8.06	cps
Arsenic	75-1	-923	-778	-1144	-948	-19.45	cps
Barium	135-1	42	17	42	33	43.30	cps
Barium	137-1	75	50	100	75	33.34	cps
Beryllium	9-1	100	110	113	108	6.44	cps
Bismuth	209-1	13452549	13481797	13445063	13459803	0.14	cps
Bismuth	209-2	8635423	8494610	8609138	8579724	0.87	cps
Boron	10-1	3634	3184	3609	3476	7.28	cps
Boron	11-1	15200	15033	15383	15205	1.15	cps
Cadmium	111-1	1294	1316	1194	1268	5.14	cps
Cadmium	106-1	6410	6552	6085	6349	3.77	cps
Cadmium	108-1	13	4	33	17	90.12	cps
Calcium	43-1	183	192	150	175	12.60	cps
Calcium	44-1	9921	9487	9254	9554	3.54	cps
Chromium	52-2	717	723	717	719	0.54	cps
Cobalt	59-2	80	80	93	84	9.12	cps
Copper	63-2	1340	1323	1277	1313	2.50	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	50	42	42	44	10.82	cps
Erbium	164-2	37	27	37	33	17.32	cps
Gadolinium	160-1	117	100	117	111	8.66	cps
Gadolinium	160-2	263	193	263	240	16.84	cps
Holmium	165-1	18293070	18364929	18369444	18342481	0.23	cps
Holmium	165-2	10811076	10676969	10899799	10795948	1.04	cps
Indium	115-1	13580819	13543213	13626045	13583359	0.31	cps
Indium	115-2	3186939	3214756	3259042	3220245	1.13	cps
Iron	56-2	8136	7819	8064	8006	2.07	cps
Iron	57-2	194	233	122	183	30.75	cps
Krypton	83-1	620	500	480	533	14.20	cps
Lead	206-1	600	556	572	576	3.90	cps
Lead	207-1	622	444	428	498	21.64	cps
Lead	208-1	2628	2372	2317	2439	6.80	cps
Lithium	6-1	4867203	4862362	4863685	4864417	0.05	cps
Magnesium	24-2	325	392	425	381	13.38	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:34:45	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	67	93	81	16.61	cps
Molybdenum	94-1	492	475	567	511	9.55	cps
Molybdenum	95-1	275	308	200	261	21.25	cps
Molybdenum	96-1	492	333	383	403	20.10	cps
Molybdenum	97-1	217	108	125	150	38.89	cps
Molybdenum	98-1	425	525	433	461	12.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	120	130	160	137	15.23	cps
Phosphorus	31-2	542	500	500	514	4.68	cps
Potassium	39-2	19989	20432	19655	20025	1.94	cps
Rhodium	103-1	12153619	12253145	12191102	12199288	0.41	cps
Rhodium	103-2	6529218	6443719	6547159	6506698	0.85	cps
Scandium	45-1	8786956	8821391	8762903	8790417	0.33	cps
Scandium	45-2	455104	456118	463635	458286	1.02	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	91	98	94	94	3.92	cps
Selenium	82-1	7	83	164	85	92.79	cps
Silicon	28-1	235993	237085	233489	235522	0.78	cps
Silver	109-1	158	108	142	136	18.70	cps
Silver	107-1	233	167	167	189	20.38	cps
Sodium	23-2	7852	7977	7886	7905	0.82	cps
Strontium	86-1	950	833	1050	945	11.48	cps
Strontium	88-1	217	242	167	208	18.33	cps
Sulfur	34-1	430124	431617	430026	430589	0.21	cps
Terbium	159-1	18962249	19059013	19015297	19012186	0.25	cps
Terbium	159-2	10773895	10559533	10730644	10688024	1.06	cps
Thallium	203-1	158	308	275	247	31.86	cps
Thallium	205-1	733	717	650	700	6.30	cps
Thorium	232-1	306	361	289	319	11.87	cps
Tin	118-1	758	717	658	711	7.06	cps
Titanium	47-1	233	200	192	208	10.58	cps
Uranium	238-1	117	100	75	97	21.57	cps
Vanadium	51-2	7	13	0	7	99.98	cps
Yttrium	89-1	13751307	13832615	13788774	13790899	0.30	cps
Yttrium	89-2	2355448	2357021	2389101	2367190	0.80	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:34:45	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	977	1037	963	992	3.94	cps
Zirconium	90-1	1108	1000	942	1017	8.32	cps
Zirconium	91-1	192	150	175	172	12.18	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:38:22 DataFile Name : 016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14305097	14368987	14328712	14334265	0.23	cps
Antimony	121-1	12715	12915	12773	12801	0.80	cps
Arsenic	75-1	1674	2601	2927	2401	27.08	cps
Barium	135-1	4651	4726	4126	4501	7.27	cps
Barium	137-1	7544	8178	8128	7950	4.43	cps
Beryllium	9-1	1027	877	1047	983	9.45	cps
Bismuth	209-1	12265025	11739044	12685740	12229936	3.88	cps
Bismuth	209-2	8200449	8197999	8264784	8221077	0.46	cps
Boron	10-1	3509	3334	3300	3381	3.31	cps
Boron	11-1	15550	15058	14941	15183	2.13	cps
Cadmium	111-1	3588	3169	3187	3315	7.14	cps
Cadmium	106-1	5159	4859	5768	5262	8.80	cps
Cadmium	108-1	4017	4101	4001	4040	1.33	cps
Calcium	43-1	3834587	3909309	3904911	3882936	1.08	cps
Calcium	44-1	62350651	63106789	62671666	62709702	0.61	cps
Chromium	52-2	75599	76276	76993	76289	0.91	cps
Cobalt	59-2	7219	7349	7209	7259	1.08	cps
Copper	63-2	35440	35597	36078	35705	0.93	cps
Dysprosium	156-1	58	83	100	81	26.03	cps
Dysprosium	156-2	40	50	33	41	20.41	cps
Erbium	164-1	108	142	92	114	22.35	cps
Erbium	164-2	53	53	90	66	32.30	cps
Gadolinium	160-1	100	158	133	131	22.41	cps
Gadolinium	160-2	300	357	260	306	15.90	cps
Holmium	165-1	18023463	17445232	18824101	18097599	3.83	cps
Holmium	165-2	11267180	11333347	11441569	11347366	0.78	cps
Indium	115-1	12341062	11823947	12708396	12291135	3.62	cps
Indium	115-2	3119509	3156389	3162756	3146218	0.74	cps
Iron	56-2	346723919	350601175	350222163	349182419	0.61	cps
Iron	57-2	8489064	8537379	8575673	8534038	0.51	cps
Krypton	83-1	453	497	550	500	9.68	cps
Lead	206-1	55382	56604	54819	55602	1.64	cps
Lead	207-1	43226	43427	44096	43583	1.04	cps
Lead	208-1	207518	210385	209011	208971	0.69	cps
Lithium	6-1	4333646	4212130	4428740	4324838	2.51	cps
Magnesium	24-2	33947054	34215586	34253937	34138859	0.49	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:38:22	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20788	20291	20217	20432	1.52	cps
Molybdenum	94-1	6157017	6265409	6206273	6209566	0.87	cps
Molybdenum	95-1	10807564	11046501	10962945	10939003	1.11	cps
Molybdenum	96-1	11642508	11790453	11705554	11712839	0.63	cps
Molybdenum	97-1	6822526	6886270	6805329	6838042	0.62	cps
Molybdenum	98-1	17478876	17829563	17640055	17649498	0.99	cps
Neodymium	150-1	27	107	67	67	60.00	cps
Neodymium	150-2	30	30	30	30	0.00	cps
Nickel	60-2	7959	8116	8056	8043	0.98	cps
Phosphorus	31-2	876327	872680	877706	875571	0.30	cps
Potassium	39-2	32687617	32760866	32791884	32746789	0.16	cps
Rhodium	103-1	10393558	10054811	10883580	10443983	3.99	cps
Rhodium	103-2	5982027	6036634	6066292	6028318	0.71	cps
Scandium	45-1	7934112	7629846	8134961	7899640	3.22	cps
Scandium	45-2	447812	455026	460774	454537	1.43	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	69	78	91	79	14.13	cps
Selenium	82-1	163	126	83	124	32.07	cps
Silicon	28-1	391475	396704	396833	395004	0.77	cps
Silver	109-1	1117	1442	1709	1422	20.84	cps
Silver	107-1	1175	1742	1759	1559	21.31	cps
Sodium	23-2	64769633	65255499	65339856	65121663	0.47	cps
Strontium	86-1	134062	134121	135812	134665	0.74	cps
Strontium	88-1	1139867	1180276	1168731	1162958	1.79	cps
Sulfur	34-1	6335064	6417838	6409043	6387315	0.71	cps
Terbium	159-1	18420447	17769595	19227071	18472371	3.95	cps
Terbium	159-2	11123138	11087628	11216748	11142505	0.60	cps
Thallium	203-1	1217	1175	1417	1270	10.18	cps
Thallium	205-1	2300	2692	2842	2611	10.71	cps
Thorium	232-1	394	444	522	454	14.19	cps
Tin	118-1	2275	1992	2217	2161	6.92	cps
Titanium	47-1	3317061	3350472	3376306	3347946	0.89	cps
Uranium	238-1	892	742	1042	892	16.82	cps
Vanadium	51-2	603	530	517	550	8.49	cps
Yttrium	89-1	12547241	12129784	13098449	12591825	3.86	cps
Yttrium	89-2	2325680	2347610	2386621	2353304	1.31	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:38:22	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	10631	11198	10861	10896	2.62	cps
Zirconium	90-1	1417	1575	1667	1553	8.15	cps
Zirconium	91-1	342	317	308	322	5.38	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 12:42:00 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14347740	14295571	14377762	14340357	0.29	cps
Antimony	121-1	234738	231547	232529	232938	0.70	cps
Arsenic	75-1	52238	54797	54188	53741	2.49	cps
Barium	135-1	64735	66937	65137	65603	1.79	cps
Barium	137-1	114932	115343	116621	115632	0.76	cps
Beryllium	9-1	63948	64807	64577	64444	0.69	cps
Bismuth	209-1	13632191	13764779	13698979	13698650	0.48	cps
Bismuth	209-2	7900288	7868173	8023078	7930513	1.03	cps
Boron	10-1	52216	53128	53270	52871	1.08	cps
Boron	11-1	235603	242315	244734	240884	1.96	cps
Cadmium	111-1	66768	66966	66903	66879	0.15	cps
Cadmium	106-1	17612	17720	16869	17400	2.66	cps
Cadmium	108-1	10638	10571	10537	10582	0.48	cps
Calcium	43-1	3907184	3901932	3909804	3906306	0.10	cps
Calcium	44-1	62878103	63224460	63317981	63140181	0.37	cps
Chromium	52-2	151273	151374	152401	151683	0.41	cps
Cobalt	59-2	125635	125218	124947	125267	0.28	cps
Copper	63-2	113462	113429	113408	113433	0.02	cps
Dysprosium	156-1	58	58	92	69	27.71	cps
Dysprosium	156-2	40	37	40	39	4.94	cps
Erbium	164-1	125	83	108	106	19.87	cps
Erbium	164-2	57	53	47	52	9.75	cps
Gadolinium	160-1	117	67	133	106	32.87	cps
Gadolinium	160-2	260	353	250	288	19.80	cps
Holmium	165-1	20140788	20490215	20231890	20287631	0.89	cps
Holmium	165-2	10841036	10790879	11070013	10900643	1.37	cps
Indium	115-1	13740824	13800149	13733949	13758307	0.26	cps
Indium	115-2	3013228	2981519	3076552	3023766	1.60	cps
Iron	56-2	349004708	346873708	347085352	347654589	0.34	cps
Iron	57-2	8517120	8494804	8493772	8501899	0.16	cps
Krypton	83-1	560	600	553	571	4.42	cps
Lead	206-1	294117	295977	296096	295397	0.38	cps
Lead	207-1	247020	247427	248254	247567	0.25	cps
Lead	208-1	1147211	1149686	1151934	1149611	0.21	cps
Lithium	6-1	4711943	4747631	4708792	4722789	0.46	cps
Magnesium	24-2	34061199	34024723	34344142	34143355	0.51	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:42:00	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69935	70615	70676	70409	0.58	cps
Molybdenum	94-1	6918333	6956860	6957456	6944216	0.32	cps
Molybdenum	95-1	11282970	11344437	11351100	11326169	0.33	cps
Molybdenum	96-1	12265087	12208948	12258194	12244076	0.25	cps
Molybdenum	97-1	7130119	7101702	7113358	7115060	0.20	cps
Molybdenum	98-1	18410437	18350555	18334885	18365292	0.22	cps
Neodymium	150-1	40	73	87	67	36.06	cps
Neodymium	150-2	20	23	40	28	38.58	cps
Nickel	60-2	37371	37742	38036	37716	0.88	cps
Phosphorus	31-2	869778	867925	875161	870955	0.43	cps
Potassium	39-2	32757475	32491975	32676133	32641861	0.42	cps
Rhodium	103-1	11705030	11774964	11671561	11717185	0.45	cps
Rhodium	103-2	5777880	5740289	5862475	5793548	1.08	cps
Scandium	45-1	8716533	8847406	8804451	8789463	0.76	cps
Scandium	45-2	436101	432723	441233	436686	0.98	cps
Selenium	77-2	270	360	370	333	16.52	cps
Selenium	78-2	1119	1048	1115	1094	3.62	cps
Selenium	82-1	5718	5789	5797	5768	0.76	cps
Silicon	28-1	972680	973953	982284	976306	0.53	cps
Silver	109-1	284271	287950	285947	286056	0.64	cps
Silver	107-1	296420	302215	303415	300683	1.24	cps
Sodium	23-2	65024326	65180589	65257691	65154202	0.18	cps
Strontium	86-1	410859	420170	416867	415965	1.13	cps
Strontium	88-1	3613901	3625809	3643492	3627734	0.41	cps
Sulfur	34-1	6446492	6355029	6381916	6394479	0.74	cps
Terbium	159-1	20644980	20847339	20689778	20727366	0.51	cps
Terbium	159-2	10555545	10596073	10856645	10669421	1.53	cps
Thallium	203-1	289210	298888	294217	294105	1.65	cps
Thallium	205-1	694659	714323	709111	706031	1.44	cps
Thorium	232-1	4951	5268	5240	5153	3.40	cps
Tin	118-1	738256	742468	740452	740392	0.28	cps
Titanium	47-1	3473141	3483103	3468853	3475032	0.21	cps
Uranium	238-1	3979271	4059046	4040019	4026112	1.03	cps
Vanadium	51-2	61775	61514	60858	61383	0.77	cps
Yttrium	89-1	14150418	14147865	14067074	14121785	0.34	cps
Yttrium	89-2	2251057	2244360	2287686	2261034	1.03	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:42:00	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25626	26200	25245	25691	1.87	cps
Zirconium	90-1	1438219	1437650	1445158	1440342	0.29	cps
Zirconium	91-1	320419	322579	321324	321441	0.34	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8003495	8145140	8009009	8052548	1.00	cps
Antimony	121-1	5205486	5084423	5065541	5118483	1.48	cps
Arsenic	75-1	1188419	1145196	1152806	1162140	1.99	cps
Barium	135-1	7240985	7034012	6990536	7088511	1.89	cps
Barium	137-1	12550948	12270222	12074561	12298577	1.95	cps
Beryllium	9-1	1448711	1407189	1403291	1419730	1.77	cps
Bismuth	209-1	11859917	11388002	11772720	11673547	2.15	cps
Bismuth	209-2	6486732	6336798	7247983	6690504	7.30	cps
Boron	10-1	297721	298400	301760	299293	0.72	cps
Boron	11-1	1346902	1346531	1366870	1353435	0.86	cps
Cadmium	111-1	1469932	1441263	1428985	1446727	1.45	cps
Cadmium	106-1	179684	176072	174418	176725	1.52	cps
Cadmium	108-1	119721	117066	117166	117984	1.28	cps
Calcium	43-1	9056504	8845701	8766882	8889696	1.68	cps
Calcium	44-1	146653449	142671495	141378253	143567732	1.92	cps
Chromium	52-2	1844398	1873219	1842388	1853335	0.93	cps
Cobalt	59-2	2806215	2852311	2802738	2820421	0.98	cps
Copper	63-2	4060803	4109363	4035387	4068518	0.92	cps
Dysprosium	156-1	158	183	150	164	10.59	cps
Dysprosium	156-2	187	203	223	204	8.98	cps
Erbium	164-1	67	92	142	100	38.19	cps
Erbium	164-2	27	30	53	37	39.62	cps
Gadolinium	160-1	208	167	175	183	12.02	cps
Gadolinium	160-2	257	267	283	269	5.01	cps
Holmium	165-1	18344721	17620909	18163571	18043067	2.09	cps
Holmium	165-2	9488363	9189255	10547038	9741552	7.32	cps
Indium	115-1	12138456	11609760	12004998	11917738	2.31	cps
Indium	115-2	2582091	2511458	2896978	2663509	7.71	cps
Iron	56-2	408558909	414597598	405062198	409406235	1.18	cps
Iron	57-2	10014418	10141966	10016460	10057615	0.73	cps
Krypton	83-1	613	543	573	577	6.09	cps
Lead	206-1	5466827	5434603	5383048	5428159	0.78	cps
Lead	207-1	4997892	4941629	4889811	4943111	1.09	cps
Lead	208-1	22103755	21885013	21713137	21900635	0.89	cps
Lithium	6-1	4226499	4080828	4155704	4154344	1.75	cps
Magnesium	24-2	81554577	83267656	81730358	82184197	1.15	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2462208	2477248	2437082	2458846	0.83	cps
Molybdenum	94-1	10953459	10819331	10724892	10832561	1.06	cps
Molybdenum	95-1	13194594	13089567	12969006	13084389	0.86	cps
Molybdenum	96-1	14656559	14597989	14469638	14574729	0.66	cps
Molybdenum	97-1	8240217	8172710	8089161	8167363	0.93	cps
Molybdenum	98-1	21536473	21180210	20994310	21236998	1.30	cps
Neodymium	150-1	713	653	640	669	5.84	cps
Neodymium	150-2	100	110	100	103	5.59	cps
Nickel	60-2	698218	710107	697371	701899	1.01	cps
Phosphorus	31-2	83174	84339	84573	84029	0.89	cps
Potassium	39-2	39331470	39924482	39235543	39497165	0.94	cps
Rhodium	103-1	10228239	9765196	10037404	10010280	2.32	cps
Rhodium	103-2	4851646	4704631	5421526	4992601	7.58	cps
Scandium	45-1	7975326	7547268	7822682	7781759	2.79	cps
Scandium	45-2	384400	368820	423344	392188	7.16	cps
Selenium	77-2	7069	7609	7275	7318	3.73	cps
Selenium	78-2	24027	24665	24541	24411	1.39	cps
Selenium	82-1	130413	129305	127043	128920	1.33	cps
Silicon	28-1	4725595	4795526	4850941	4790687	1.31	cps
Silver	109-1	6676854	6556108	6476683	6569881	1.53	cps
Silver	107-1	6928249	6785711	6773356	6829105	1.26	cps
Sodium	23-2	156196041	158074812	154816791	156362548	1.05	cps
Strontium	86-1	1903270	1851036	1851402	1868569	1.61	cps
Strontium	88-1	16268132	15827864	15825167	15973721	1.60	cps
Sulfur	34-1	1043918	1026591	1006114	1025541	1.85	cps
Terbium	159-1	18495197	18059256	18362119	18305524	1.22	cps
Terbium	159-2	9193092	8904334	10215530	9437652	7.30	cps
Thallium	203-1	6728201	6639695	6620354	6662750	0.86	cps
Thallium	205-1	16090827	15868518	15744867	15901404	1.10	cps
Thorium	232-1	26190632	25727373	25625960	25847989	1.16	cps
Tin	118-1	4857181	4741626	4704264	4767691	1.67	cps
Titanium	47-1	3986844	3864280	3833116	3894747	2.09	cps
Uranium	238-1	25661557	25357263	25155428	25391416	1.00	cps
Vanadium	51-2	1499826	1527013	1494145	1506994	1.17	cps
Yttrium	89-1	12679429	12123215	12448011	12416885	2.25	cps
Yttrium	89-2	1969208	1915729	2213952	2032963	7.82	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:53:14	DataFile Name :	019CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	759096	770786	759726	763202	0.86	cps
Zirconium	90-1	9394486	9154657	9115302	9221481	1.64	cps
Zirconium	91-1	2121587	2062981	2068160	2084243	1.56	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3526	3792	3384	3567	5.81	cps
Antimony	121-1	25849	26676	25958	26161	1.72	cps
Arsenic	75-1	1840	1342	2185	1789	23.68	cps
Barium	135-1	32623	32673	32414	32570	0.42	cps
Barium	137-1	55545	55880	54876	55434	0.92	cps
Beryllium	9-1	3577	3731	3637	3648	2.12	cps
Bismuth	209-1	14419166	14077535	14350403	14282368	1.27	cps
Bismuth	209-2	9496993	9415735	9441477	9451402	0.44	cps
Boron	10-1	26975	26032	26115	26374	1.98	cps
Boron	11-1	120865	121158	120545	120856	0.25	cps
Cadmium	111-1	4792	4699	4941	4810	2.53	cps
Cadmium	106-1	6393	6669	6719	6593	2.66	cps
Cadmium	108-1	333	271	321	308	10.73	cps
Calcium	43-1	21566	20949	21750	21422	1.96	cps
Calcium	44-1	352554	354437	354126	353706	0.29	cps
Chromium	52-2	9573	9196	9123	9297	2.60	cps
Cobalt	59-2	6702	7072	6948	6907	2.73	cps
Copper	63-2	10797	10811	10924	10844	0.64	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	10	7	3	7	50.03	cps
Erbium	164-1	67	75	50	64	19.92	cps
Erbium	164-2	30	43	27	33	26.45	cps
Gadolinium	160-1	33	92	50	58	51.51	cps
Gadolinium	160-2	273	243	287	268	8.29	cps
Holmium	165-1	19679917	19258883	19549453	19496084	1.11	cps
Holmium	165-2	12080008	12036715	12036164	12050962	0.21	cps
Indium	115-1	14496148	14089546	14329405	14305033	1.43	cps
Indium	115-2	3556810	3588054	3581727	3575530	0.46	cps
Iron	56-2	217347	216550	216308	216735	0.25	cps
Iron	57-2	5468	5646	5368	5494	2.56	cps
Krypton	83-1	613	587	553	584	5.14	cps
Lead	206-1	13307	13107	13719	13377	2.33	cps
Lead	207-1	11466	12195	11733	11798	3.12	cps
Lead	208-1	54123	54217	54278	54206	0.14	cps
Lithium	6-1	4972867	4909388	4951217	4944491	0.65	cps
Magnesium	24-2	193474	190134	192570	192059	0.90	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3024	2904	2984	2970	2.06	cps
Molybdenum	94-1	27394	26642	26292	26776	2.10	cps
Molybdenum	95-1	34459	33657	34150	34089	1.19	cps
Molybdenum	96-1	38001	36741	36189	36977	2.51	cps
Molybdenum	97-1	21033	21467	21075	21191	1.13	cps
Molybdenum	98-1	55643	54581	53727	54650	1.76	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	1967	1940	1717	1875	7.32	cps
Phosphorus	31-2	1267	950	1108	1108	14.29	cps
Potassium	39-2	201596	198172	201291	200353	0.95	cps
Rhodium	103-1	12981117	12634256	12939523	12851632	1.47	cps
Rhodium	103-2	7262775	7228221	7217295	7236097	0.33	cps
Scandium	45-1	9222519	9056565	9211840	9163641	1.01	cps
Scandium	45-2	511412	506935	509693	509347	0.44	cps
Selenium	77-2	127	73	97	99	27.04	cps
Selenium	78-2	372	444	415	411	8.84	cps
Selenium	82-1	1807	1857	1917	1860	2.98	cps
Silicon	28-1	333166	332438	329031	331545	0.67	cps
Silver	109-1	18513	17403	17303	17740	3.78	cps
Silver	107-1	18271	18012	17979	18087	0.88	cps
Sodium	23-2	364688	367493	363885	365355	0.52	cps
Strontium	86-1	5026	5201	4876	5034	3.23	cps
Strontium	88-1	36990	35946	36305	36414	1.46	cps
Sulfur	34-1	412359	409573	414429	412121	0.59	cps
Terbium	159-1	20199012	19695704	20144819	20013178	1.38	cps
Terbium	159-2	11856934	11896073	11851883	11868296	0.20	cps
Thallium	203-1	15785	15485	16069	15780	1.85	cps
Thallium	205-1	38298	37663	37830	37930	0.87	cps
Thorium	232-1	53649	54352	52316	53439	1.94	cps
Tin	118-1	56774	59309	56624	57569	2.62	cps
Titanium	47-1	9612	9795	9337	9581	2.41	cps
Uranium	238-1	50164	50675	49328	50056	1.36	cps
Vanadium	51-2	17864	17864	17818	17849	0.15	cps
Yttrium	89-1	14624378	14184827	14443729	14417645	1.53	cps
Yttrium	89-2	2639475	2641403	2623195	2634691	0.38	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	LLCCV	Instrumnet Name :	P7
Client Sample ID :	LLCCV	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 12:59:03	DataFile Name :	020LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3050	2887	3100	3013	3.70	cps
Zirconium	90-1	22393	21943	22176	22171	1.02	cps
Zirconium	91-1	4859	4818	4984	4887	1.78	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P7
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:02:40 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	108	119	16.11	cps
Antimony	121-1	1567	1450	1617	1545	5.54	cps
Arsenic	75-1	-1257	-1039	-957	-1084	-14.32	cps
Barium	135-1	125	100	100	108	13.33	cps
Barium	137-1	200	217	217	211	4.56	cps
Beryllium	9-1	127	183	183	164	19.90	cps
Bismuth	209-1	15579662	15463408	15418866	15487312	0.54	cps
Bismuth	209-2	9448855	9612813	9572650	9544773	0.90	cps
Boron	10-1	8386	8278	8311	8325	0.67	cps
Boron	11-1	39528	37439	36754	37907	3.81	cps
Cadmium	111-1	1483	1397	1307	1396	6.30	cps
Cadmium	106-1	7286	6852	6468	6869	5.95	cps
Cadmium	108-1	29	21	29	26	18.25	cps
Calcium	43-1	317	367	225	303	23.73	cps
Calcium	44-1	13640	12898	13123	13221	2.88	cps
Chromium	52-2	750	770	773	764	1.65	cps
Cobalt	59-2	143	127	123	131	8.17	cps
Copper	63-2	1587	1460	1590	1546	4.80	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	67	50	58	58	14.29	cps
Erbium	164-2	23	30	23	26	15.07	cps
Gadolinium	160-1	100	92	108	100	8.33	cps
Gadolinium	160-2	313	283	370	322	13.66	cps
Holmium	165-1	21392019	21183046	21093703	21222923	0.72	cps
Holmium	165-2	12051552	12129699	12143441	12108231	0.41	cps
Indium	115-1	15810349	15564739	15630364	15668484	0.81	cps
Indium	115-2	3556791	3607905	3627472	3597389	1.01	cps
Iron	56-2	10943	11082	11077	11034	0.71	cps
Iron	57-2	294	244	200	246	19.18	cps
Krypton	83-1	553	597	610	587	5.05	cps
Lead	206-1	1556	1495	1428	1493	4.28	cps
Lead	207-1	1289	1178	1389	1285	8.22	cps
Lead	208-1	6306	5767	5995	6023	4.49	cps
Lithium	6-1	5322663	5349804	5308375	5326947	0.40	cps
Magnesium	24-2	742	758	692	731	4.75	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:02:40	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	133	123	150	136	9.94	cps
Molybdenum	94-1	1250	1100	1275	1208	7.83	cps
Molybdenum	95-1	1367	1300	1358	1342	2.71	cps
Molybdenum	96-1	1575	1442	1400	1472	6.21	cps
Molybdenum	97-1	1058	742	742	847	21.58	cps
Molybdenum	98-1	2234	2250	2134	2206	2.86	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	180	137	137	151	16.55	cps
Phosphorus	31-2	583	550	575	569	3.05	cps
Potassium	39-2	22351	22468	22952	22590	1.41	cps
Rhodium	103-1	14141514	14029045	13806001	13992187	1.22	cps
Rhodium	103-2	7227355	7325562	7332658	7295192	0.81	cps
Scandium	45-1	10112218	10043150	10035558	10063642	0.42	cps
Scandium	45-2	508769	516534	520883	515395	1.19	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	94	89	109	98	10.80	cps
Selenium	82-1	118	81	52	84	39.84	cps
Silicon	28-1	244679	240487	242426	242530	0.87	cps
Silver	109-1	275	308	267	283	7.78	cps
Silver	107-1	392	400	350	381	7.04	cps
Sodium	23-2	16401	15851	15250	15834	3.64	cps
Strontium	86-1	875	925	850	883	4.32	cps
Strontium	88-1	308	275	333	306	9.58	cps
Sulfur	34-1	427494	418690	420109	422098	1.12	cps
Terbium	159-1	21849834	21780594	21708761	21779729	0.32	cps
Terbium	159-2	11803981	11958609	11956368	11906319	0.74	cps
Thallium	203-1	950	1042	950	981	5.40	cps
Thallium	205-1	2400	2467	2400	2423	1.59	cps
Thorium	232-1	1556	1589	1572	1572	1.06	cps
Tin	118-1	1242	1108	1008	1120	10.46	cps
Titanium	47-1	242	183	125	183	31.82	cps
Uranium	238-1	200	125	175	167	22.91	cps
Vanadium	51-2	7	10	17	11	45.82	cps
Yttrium	89-1	15932733	15775959	15706540	15805077	0.73	cps
Yttrium	89-2	2631228	2655786	2658883	2648632	0.57	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:02:40	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1537	1717	1340	1531	12.30	cps
Zirconium	90-1	1517	1659	1483	1553	5.98	cps
Zirconium	91-1	275	325	350	317	12.06	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P7
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:06:15 DataFile Name : 022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3159	3684	3192	3345	8.79	cps
Antimony	121-1	22711	23103	22419	22744	1.51	cps
Arsenic	75-1	1623	665	1781	1356	44.52	cps
Barium	135-1	32789	32422	31737	32316	1.65	cps
Barium	137-1	57345	55178	54340	55621	2.79	cps
Beryllium	9-1	3921	3841	3640	3801	3.80	cps
Bismuth	209-1	15546006	15334511	15025758	15302092	1.71	cps
Bismuth	209-2	9237491	9151074	9266529	9218365	0.65	cps
Boron	10-1	22242	22509	22200	22317	0.75	cps
Boron	11-1	101104	101381	102353	101613	0.65	cps
Cadmium	111-1	5066	5053	5024	5048	0.42	cps
Cadmium	106-1	7627	7786	7386	7600	2.65	cps
Cadmium	108-1	313	317	308	313	1.33	cps
Calcium	43-1	21959	21266	20832	21352	2.66	cps
Calcium	44-1	359933	355394	350034	355120	1.40	cps
Chromium	52-2	9210	9253	9096	9186	0.88	cps
Cobalt	59-2	6748	6758	6942	6816	1.60	cps
Copper	63-2	10894	10984	10400	10760	2.92	cps
Dysprosium	156-1	8	25	17	17	50.01	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	50	33	50	44	21.66	cps
Erbium	164-2	17	27	37	27	37.50	cps
Gadolinium	160-1	67	142	150	119	38.42	cps
Gadolinium	160-2	313	323	287	308	6.16	cps
Holmium	165-1	21155772	20902588	20678785	20912382	1.14	cps
Holmium	165-2	11663681	11546041	11808038	11672587	1.12	cps
Indium	115-1	15659768	15419693	15385229	15488230	0.97	cps
Indium	115-2	3482303	3445587	3524906	3484265	1.14	cps
Iron	56-2	211860	211045	209512	210806	0.57	cps
Iron	57-2	5568	5435	5107	5370	4.42	cps
Krypton	83-1	493	457	577	509	12.08	cps
Lead	206-1	13046	13741	13007	13264	3.11	cps
Lead	207-1	11483	11722	11544	11583	1.07	cps
Lead	208-1	51757	53515	52648	52640	1.67	cps
Lithium	6-1	5437994	5360414	5297799	5365402	1.31	cps
Magnesium	24-2	193746	194005	191938	193230	0.58	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:06:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3000	3014	3220	3078	4.01	cps
Molybdenum	94-1	25699	26233	25816	25916	1.08	cps
Molybdenum	95-1	31970	31937	31795	31900	0.29	cps
Molybdenum	96-1	35102	34518	35804	35141	1.83	cps
Molybdenum	97-1	20073	20023	19498	19865	1.61	cps
Molybdenum	98-1	51276	50565	50373	50738	0.94	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	2030	1930	1873	1945	4.08	cps
Phosphorus	31-2	1050	1008	958	1006	4.56	cps
Potassium	39-2	199321	198476	199636	199144	0.30	cps
Rhodium	103-1	14000659	13782947	13657229	13813612	1.26	cps
Rhodium	103-2	7118585	6990490	7112682	7073919	1.02	cps
Scandium	45-1	10157478	9980227	9828214	9988639	1.65	cps
Scandium	45-2	501384	493489	497877	497583	0.79	cps
Selenium	77-2	123	97	93	104	15.74	cps
Selenium	78-2	409	426	433	423	2.92	cps
Selenium	82-1	1991	2120	1845	1985	6.95	cps
Silicon	28-1	322490	321538	318332	320787	0.68	cps
Silver	109-1	17236	17845	17003	17361	2.51	cps
Silver	107-1	18571	18596	18463	18543	0.38	cps
Sodium	23-2	361490	361679	357447	360205	0.66	cps
Strontium	86-1	5393	5318	5076	5262	3.15	cps
Strontium	88-1	36489	36481	34768	35912	2.76	cps
Sulfur	34-1	443735	445964	446479	445392	0.33	cps
Terbium	159-1	21859866	21537306	21117618	21504930	1.73	cps
Terbium	159-2	11584155	11421340	11646052	11550516	1.00	cps
Thallium	203-1	15677	15443	15201	15440	1.54	cps
Thallium	205-1	36526	37278	35599	36468	2.31	cps
Thorium	232-1	51897	50961	50342	51067	1.53	cps
Tin	118-1	56682	55535	55067	55761	1.49	cps
Titanium	47-1	9912	9562	9320	9598	3.10	cps
Uranium	238-1	50323	49520	48567	49470	1.78	cps
Vanadium	51-2	17991	17684	17831	17835	0.86	cps
Yttrium	89-1	15983066	15722884	15489004	15731651	1.57	cps
Yttrium	89-2	2572030	2536480	2583650	2564053	0.96	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:06:15	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2904	3024	2984	2970	2.06	cps
Zirconium	90-1	21492	21350	21567	21470	0.51	cps
Zirconium	91-1	4843	5034	4843	4907	2.26	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : PB119259BL Instrumnet Name : P7
 Client Sample ID : PB119259BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:09:51 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	158	58	108	46.15	cps
Antimony	121-1	733	842	758	778	7.29	cps
Arsenic	75-1	-1018	-1126	-974	-1039	-7.53	cps
Barium	135-1	42	50	42	44	10.82	cps
Barium	137-1	42	58	58	53	18.23	cps
Beryllium	9-1	130	137	117	128	7.97	cps
Bismuth	209-1	14223567	14040198	13925743	14063170	1.07	cps
Bismuth	209-2	8694643	8739867	8493965	8642825	1.51	cps
Boron	10-1	5476	5443	5168	5362	3.16	cps
Boron	11-1	23886	23761	23577	23742	0.65	cps
Cadmium	111-1	1320	1295	1404	1339	4.27	cps
Cadmium	106-1	6569	6477	6960	6669	3.85	cps
Cadmium	108-1	21	25	25	24	10.20	cps
Calcium	43-1	133	200	208	181	22.77	cps
Calcium	44-1	10563	10138	10054	10252	2.66	cps
Chromium	52-2	707	757	700	721	4.29	cps
Cobalt	59-2	87	113	90	97	15.03	cps
Copper	63-2	1383	1437	1337	1386	3.61	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	17	0	0	6	173.21	cps
Erbium	164-1	75	92	33	67	45.07	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	83	100	100	94	10.19	cps
Gadolinium	160-2	293	250	247	263	9.89	cps
Holmium	165-1	19410520	19277798	18958311	19215543	1.21	cps
Holmium	165-2	10979368	11077945	10822319	10959877	1.18	cps
Indium	115-1	14289513	14123757	13915936	14109736	1.33	cps
Indium	115-2	3248959	3249638	3182233	3226943	1.20	cps
Iron	56-2	8669	8497	8608	8592	1.02	cps
Iron	57-2	189	211	200	200	5.55	cps
Krypton	83-1	637	547	557	580	8.50	cps
Lead	206-1	1017	1211	1095	1107	8.84	cps
Lead	207-1	1056	961	950	989	5.87	cps
Lead	208-1	4528	4662	4489	4560	1.98	cps
Lithium	6-1	5140652	5103371	5017880	5087301	1.24	cps
Magnesium	24-2	625	375	525	508	24.75	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BL	Instrumnet Name :	P7
Client Sample ID :	PB119259BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:09:51	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	90	103	88	19.12	cps
Molybdenum	94-1	592	775	717	694	13.49	cps
Molybdenum	95-1	617	575	525	572	8.02	cps
Molybdenum	96-1	725	608	692	675	8.90	cps
Molybdenum	97-1	375	400	317	364	11.75	cps
Molybdenum	98-1	942	1100	883	975	11.50	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	133	167	107	136	22.18	cps
Phosphorus	31-2	525	583	458	522	11.98	cps
Potassium	39-2	20006	21708	21158	20957	4.15	cps
Rhodium	103-1	12801768	12583462	12564709	12649980	1.04	cps
Rhodium	103-2	6662074	6708315	6558242	6642877	1.16	cps
Scandium	45-1	9230657	9027444	9037630	9098577	1.26	cps
Scandium	45-2	463567	469091	459338	463998	1.05	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	113	102	109	108	5.24	cps
Selenium	82-1	-8	113	52	52	116.01	cps
Silicon	28-1	231497	231194	232037	231576	0.18	cps
Silver	109-1	233	333	183	250	30.55	cps
Silver	107-1	283	267	300	283	5.88	cps
Sodium	23-2	11847	11305	10821	11324	4.53	cps
Strontium	86-1	842	817	867	842	2.97	cps
Strontium	88-1	233	292	225	250	14.53	cps
Sulfur	34-1	438597	442562	441965	441041	0.48	cps
Terbium	159-1	19896027	19753790	19562865	19737561	0.85	cps
Terbium	159-2	10871116	10917994	10672886	10820665	1.20	cps
Thallium	203-1	767	633	692	697	9.59	cps
Thallium	205-1	1825	1675	1533	1678	8.69	cps
Thorium	232-1	878	933	733	848	12.17	cps
Tin	118-1	958	817	1075	950	13.62	cps
Titanium	47-1	183	275	242	233	19.88	cps
Uranium	238-1	133	100	92	108	20.35	cps
Vanadium	51-2	20	0	20	13	86.60	cps
Yttrium	89-1	14542924	14283721	14110384	14312343	1.52	cps
Yttrium	89-2	2400823	2427252	2365870	2397982	1.28	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BL	Instrumnet Name :	P7
Client Sample ID :	PB119259BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:09:51	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1067	1053	1050	1057	0.83	cps
Zirconium	90-1	1183	1217	1100	1167	5.15	cps
Zirconium	91-1	225	233	208	222	5.73	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1454548	1465011	1468529	1462696	0.50	cps
Antimony	121-1	5233774	5318467	5305956	5286065	0.86	cps
Arsenic	75-1	1249355	1261323	1253449	1254709	0.48	cps
Barium	135-1	7038053	7122428	7114044	7091508	0.66	cps
Barium	137-1	12211479	12351572	12312797	12291949	0.59	cps
Beryllium	9-1	1511539	1527425	1516710	1518558	0.53	cps
Bismuth	209-1	13191404	13038506	12903954	13044621	1.10	cps
Bismuth	209-2	7693428	7690167	7589071	7657555	0.77	cps
Boron	10-1	289725	306458	303875	300019	3.00	cps
Boron	11-1	1318304	1374680	1389384	1360789	2.76	cps
Cadmium	111-1	1580942	1599837	1593859	1591546	0.61	cps
Cadmium	106-1	192136	192602	193674	192804	0.41	cps
Cadmium	108-1	127110	127429	129169	127903	0.87	cps
Calcium	43-1	1881065	1926146	1905784	1904331	1.19	cps
Calcium	44-1	30513168	30973263	30411788	30632740	0.98	cps
Chromium	52-2	1805009	1834677	1836495	1825394	0.97	cps
Cobalt	59-2	2866939	2892624	2899647	2886404	0.60	cps
Copper	63-2	3851089	3906786	3891283	3883053	0.74	cps
Dysprosium	156-1	117	75	108	100	22.05	cps
Dysprosium	156-2	160	137	127	141	12.12	cps
Erbium	164-1	67	67	50	61	15.75	cps
Erbium	164-2	57	27	57	47	37.11	cps
Gadolinium	160-1	108	67	100	92	24.05	cps
Gadolinium	160-2	207	293	250	250	17.33	cps
Holmium	165-1	18579162	18434478	18188035	18400558	1.07	cps
Holmium	165-2	10204483	10163304	10082480	10150089	0.61	cps
Indium	115-1	12899791	12681724	12564847	12715454	1.34	cps
Indium	115-2	2876544	2878998	2855299	2870280	0.45	cps
Iron	56-2	85174157	85401160	85318316	85297878	0.13	cps
Iron	57-2	2058520	2062809	2058795	2060041	0.12	cps
Krypton	83-1	487	503	640	543	15.48	cps
Lead	206-1	5471638	5577263	5596136	5548346	1.21	cps
Lead	207-1	4957961	5055645	5120061	5044556	1.62	cps
Lead	208-1	22370914	22651215	22741698	22587942	0.86	cps
Lithium	6-1	4570217	4476311	4440709	4495746	1.49	cps
Magnesium	24-2	16539549	16666128	16583859	16596512	0.39	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2449056	2480190	2456767	2462004	0.66	cps
Molybdenum	94-1	10862009	10905911	10830211	10866044	0.35	cps
Molybdenum	95-1	13165580	13276262	13233528	13225123	0.42	cps
Molybdenum	96-1	14684337	14790249	14811434	14762007	0.46	cps
Molybdenum	97-1	8203226	8318350	8283101	8268226	0.71	cps
Molybdenum	98-1	21312514	21638317	21405216	21452015	0.78	cps
Neodymium	150-1	507	613	720	613	17.39	cps
Neodymium	150-2	77	60	70	69	12.18	cps
Nickel	60-2	729066	736098	731827	732330	0.48	cps
Phosphorus	31-2	83358	87414	85864	85545	2.39	cps
Potassium	39-2	7777625	7824940	7798545	7800370	0.30	cps
Rhodium	103-1	11254375	11156107	10940968	11117150	1.44	cps
Rhodium	103-2	5601544	5652627	5599496	5617889	0.54	cps
Scandium	45-1	8259459	8168003	7976322	8134595	1.78	cps
Scandium	45-2	405014	405703	408074	406264	0.40	cps
Selenium	77-2	7799	7655	7659	7704	1.06	cps
Selenium	78-2	25727	26331	26036	26031	1.16	cps
Selenium	82-1	138769	140822	141030	140207	0.89	cps
Silicon	28-1	5152648	5382848	5462098	5332532	3.01	cps
Silver	109-1	7270373	7258526	7202033	7243644	0.50	cps
Silver	107-1	7438338	7541000	7512575	7497304	0.71	cps
Sodium	23-2	30894064	31170203	31133010	31065759	0.48	cps
Strontium	86-1	1879746	1914104	1884785	1892878	0.98	cps
Strontium	88-1	16429921	16506760	16322958	16419880	0.56	cps
Sulfur	34-1	1099115	1094422	1096313	1096617	0.22	cps
Terbium	159-1	19069434	18778743	18641897	18830025	1.16	cps
Terbium	159-2	10020898	9938914	9889707	9949840	0.67	cps
Thallium	203-1	6784518	6955183	6837558	6859087	1.27	cps
Thallium	205-1	16390770	16535886	16327433	16418030	0.65	cps
Thorium	232-1	25442717	25920586	25755221	25706175	0.94	cps
Tin	118-1	4772127	4847255	4837940	4819108	0.85	cps
Titanium	47-1	3855308	3917029	3909999	3894112	0.87	cps
Uranium	238-1	24829346	25071303	25020078	24973576	0.51	cps
Vanadium	51-2	1465442	1486817	1476483	1476247	0.72	cps
Yttrium	89-1	13230186	13060664	12865924	13052258	1.40	cps
Yttrium	89-2	2137391	2153097	2131063	2140517	0.53	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119259BS	Instrumnet Name :	P7
Client Sample ID :	PB119259BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:13:27	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	743657	749318	753537	748837	0.66	cps
Zirconium	90-1	9182053	9267711	9189066	9212943	0.52	cps
Zirconium	91-1	2032843	2063050	2059707	2051867	0.81	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11438	11105	11347	11297	1.53	cps
Antimony	121-1	11046	11138	11097	11094	0.41	cps
Arsenic	75-1	5135	4570	4761	4822	5.96	cps
Barium	135-1	1102939	1103062	1116186	1107396	0.69	cps
Barium	137-1	1904855	1912748	1924374	1913992	0.51	cps
Beryllium	9-1	233	227	187	216	11.71	cps
Bismuth	209-1	13563469	13590866	13628060	13594132	0.24	cps
Bismuth	209-2	8409200	8422078	8344338	8391872	0.50	cps
Boron	10-1	84821	86221	86003	85682	0.88	cps
Boron	11-1	396816	401604	394829	397750	0.88	cps
Cadmium	111-1	1397	1357	1377	1377	1.45	cps
Cadmium	106-1	6043	6168	6318	6177	2.23	cps
Cadmium	108-1	71	63	88	74	17.29	cps
Calcium	43-1	1676472	1686523	1685900	1682965	0.33	cps
Calcium	44-1	27001007	26978182	27114297	27031162	0.27	cps
Chromium	52-2	6658	6868	6622	6716	1.98	cps
Cobalt	59-2	2384	2370	2380	2378	0.29	cps
Copper	63-2	10686960	10763122	10805342	10751808	0.56	cps
Dysprosium	156-1	400	517	600	506	19.87	cps
Dysprosium	156-2	243	267	263	258	4.90	cps
Erbium	164-1	400	417	525	447	15.18	cps
Erbium	164-2	270	263	237	257	6.87	cps
Gadolinium	160-1	692	567	558	606	12.34	cps
Gadolinium	160-2	513	490	547	517	5.51	cps
Holmium	165-1	18794232	18817929	18874450	18828870	0.22	cps
Holmium	165-2	10855429	10909819	10802661	10855970	0.49	cps
Indium	115-1	13439070	13510943	13475605	13475206	0.27	cps
Indium	115-2	3143309	3191362	3169727	3168132	0.76	cps
Iron	56-2	2935671	2963255	2955362	2951429	0.48	cps
Iron	57-2	82956	84655	84812	84141	1.22	cps
Krypton	83-1	553	567	537	552	2.72	cps
Lead	206-1	5463525	5479832	5464067	5469142	0.17	cps
Lead	207-1	4533109	4570279	4541209	4548199	0.43	cps
Lead	208-1	21062965	21184985	21070876	21106275	0.32	cps
Lithium	6-1	4539235	4522895	4536158	4532763	0.19	cps
Magnesium	24-2	3341803	3395068	3408003	3381625	1.04	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33171	33408	33742	33440	0.86	cps
Molybdenum	94-1	4259	3834	3551	3881	9.19	cps
Molybdenum	95-1	5910	5251	4718	5293	11.28	cps
Molybdenum	96-1	6844	5751	5201	5932	14.09	cps
Molybdenum	97-1	3709	3492	2734	3312	15.46	cps
Molybdenum	98-1	9837	8178	7586	8533	13.68	cps
Neodymium	150-1	547	473	527	516	7.35	cps
Neodymium	150-2	217	160	177	184	15.79	cps
Nickel	60-2	5334	5114	5381	5277	2.70	cps
Phosphorus	31-2	792	850	942	861	8.78	cps
Potassium	39-2	254643	253293	254649	254195	0.31	cps
Rhodium	103-1	11798087	11676948	11776946	11750660	0.55	cps
Rhodium	103-2	6160191	6338426	6193188	6230602	1.52	cps
Scandium	45-1	8511894	8447631	8570933	8510153	0.72	cps
Scandium	45-2	438460	446508	439702	441557	0.98	cps
Selenium	77-2	10	3	10	8	49.52	cps
Selenium	78-2	96	87	115	99	14.23	cps
Selenium	82-1	152	116	134	134	13.29	cps
Silicon	28-1	90385681	90556317	90360521	90434173	0.12	cps
Silver	109-1	3175	3042	3284	3167	3.82	cps
Silver	107-1	3359	3401	3567	3442	3.20	cps
Sodium	23-2	4693943	4747836	4754678	4732152	0.70	cps
Strontium	86-1	660306	655471	660487	658755	0.43	cps
Strontium	88-1	5746979	5784617	5809855	5780484	0.55	cps
Sulfur	34-1	816579	815793	822592	818321	0.45	cps
Terbium	159-1	19210341	19188786	19365500	19254876	0.50	cps
Terbium	159-2	10652633	10710549	10631984	10665055	0.38	cps
Thallium	203-1	1425	1375	1100	1300	13.46	cps
Thallium	205-1	3567	2975	2809	3117	12.79	cps
Thorium	232-1	6835	6230	6252	6439	5.34	cps
Tin	118-1	99387	102773	96557	99572	3.13	cps
Titanium	47-1	5201	5626	5051	5293	5.64	cps
Uranium	238-1	118048	119184	117046	118093	0.91	cps
Vanadium	51-2	41177	42435	43006	42206	2.22	cps
Yttrium	89-1	13569990	13529645	13588731	13562789	0.22	cps
Yttrium	89-2	2294711	2332195	2319001	2315302	0.82	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	K2580-01	Instrumnet Name :	P7
Client Sample ID :	390424100.9	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:17:03	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	362769	364488	369903	365720	1.02	cps
Zirconium	90-1	2742	2134	2417	2431	12.53	cps
Zirconium	91-1	608	558	508	558	8.96	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : PB119258BL Instrumnet Name : P7
 Client Sample ID : PB119258BL Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:20:40 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	142	111	30.31	cps
Antimony	121-1	1433	1425	1550	1470	4.76	cps
Arsenic	75-1	-958	-966	-1021	-982	-3.48	cps
Barium	135-1	225	133	167	175	26.51	cps
Barium	137-1	358	200	325	294	28.35	cps
Beryllium	9-1	133	127	133	131	2.94	cps
Bismuth	209-1	15553332	15504836	15324723	15460964	0.78	cps
Bismuth	209-2	8550508	8352353	8189329	8364064	2.16	cps
Boron	10-1	9520	8995	8770	9095	4.23	cps
Boron	11-1	43213	40179	38534	40642	5.84	cps
Cadmium	111-1	1282	1385	1351	1339	3.92	cps
Cadmium	106-1	6310	6810	6694	6605	3.96	cps
Cadmium	108-1	25	21	13	19	32.73	cps
Calcium	43-1	417	525	350	431	20.51	cps
Calcium	44-1	14491	13507	13357	13785	4.47	cps
Chromium	52-2	603	827	753	728	15.64	cps
Cobalt	59-2	63	37	47	49	27.55	cps
Copper	63-2	1990	1960	1833	1928	4.31	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	83	83	42	69	34.64	cps
Erbium	164-2	7	50	20	26	86.84	cps
Gadolinium	160-1	225	75	67	122	72.91	cps
Gadolinium	160-2	237	280	217	244	13.25	cps
Holmium	165-1	21149404	20977428	20867831	20998221	0.68	cps
Holmium	165-2	10867932	10565180	10453905	10629006	2.02	cps
Indium	115-1	15290808	15148737	14960608	15133384	1.09	cps
Indium	115-2	3164217	3085574	3043464	3097751	1.98	cps
Iron	56-2	8203	8186	7597	7995	4.32	cps
Iron	57-2	161	161	189	170	9.41	cps
Krypton	83-1	507	530	473	503	5.66	cps
Lead	206-1	1917	1817	1795	1843	3.53	cps
Lead	207-1	1556	1633	1506	1565	4.11	cps
Lead	208-1	7523	7295	6729	7182	5.70	cps
Lithium	6-1	5085672	4999161	4938524	5007786	1.48	cps
Magnesium	24-2	708	700	658	689	3.89	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BL	Instrumnet Name :	P7
Client Sample ID :	PB119258BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:20:40	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	110	93	89	26.61	cps
Molybdenum	94-1	958	1042	1092	1031	6.54	cps
Molybdenum	95-1	1367	1167	983	1172	16.36	cps
Molybdenum	96-1	1508	1375	1208	1364	11.02	cps
Molybdenum	97-1	725	733	700	719	2.41	cps
Molybdenum	98-1	2167	2000	1825	1997	8.55	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	147	117	127	130	11.75	cps
Phosphorus	31-2	400	525	400	442	16.34	cps
Potassium	39-2	19580	19580	18888	19349	2.07	cps
Rhodium	103-1	13587355	13428270	13257641	13424422	1.23	cps
Rhodium	103-2	6418556	6107564	6006562	6177560	3.48	cps
Scandium	45-1	9504000	9380208	9363968	9416058	0.81	cps
Scandium	45-2	439385	428479	418013	428626	2.49	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	93	61	94	83	22.65	cps
Selenium	82-1	118	77	161	119	35.27	cps
Silicon	28-1	246640	245907	236543	243030	2.32	cps
Silver	109-1	317	258	233	269	15.87	cps
Silver	107-1	325	267	408	333	21.36	cps
Sodium	23-2	11063	10479	10863	10802	2.75	cps
Strontium	86-1	967	775	1067	936	15.83	cps
Strontium	88-1	1000	883	700	861	17.56	cps
Sulfur	34-1	345097	352588	346933	348206	1.12	cps
Terbium	159-1	21708163	21324023	21435962	21489383	0.92	cps
Terbium	159-2	10719582	10348949	10161689	10410073	2.73	cps
Thallium	203-1	392	475	492	453	11.83	cps
Thallium	205-1	1175	1208	1058	1147	6.87	cps
Thorium	232-1	1372	1389	1222	1328	6.91	cps
Tin	118-1	1183	983	1292	1153	13.57	cps
Titanium	47-1	208	217	233	219	5.80	cps
Uranium	238-1	100	192	108	133	38.02	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	15391023	15156145	15056090	15201086	1.13	cps
Yttrium	89-2	2300614	2241745	2212297	2251552	2.00	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BL	Instrumnet Name :	P7
Client Sample ID :	PB119258BL	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:20:40	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1140	1023	1013	1059	6.65	cps
Zirconium	90-1	1333	1050	933	1106	18.61	cps
Zirconium	91-1	275	225	283	261	12.08	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1471764	1451682	1442631	1455359	1.02	cps
Antimony	121-1	5244399	5280008	5266231	5263546	0.34	cps
Arsenic	75-1	1223932	1239658	1221646	1228412	0.80	cps
Barium	135-1	7003179	7020419	6977500	7000366	0.31	cps
Barium	137-1	12131179	12190492	12106608	12142760	0.36	cps
Beryllium	9-1	1433933	1434257	1442707	1436965	0.35	cps
Bismuth	209-1	13222807	13300599	13228428	13250611	0.33	cps
Bismuth	209-2	8016810	7926734	7987664	7977070	0.58	cps
Boron	10-1	287895	291118	299037	292683	1.96	cps
Boron	11-1	1308828	1318088	1344096	1323671	1.38	cps
Cadmium	111-1	1563824	1550608	1559199	1557877	0.43	cps
Cadmium	106-1	184275	185718	184889	184960	0.39	cps
Cadmium	108-1	123835	123079	125638	124184	1.06	cps
Calcium	43-1	1833373	1850120	1855901	1846464	0.63	cps
Calcium	44-1	29525786	29808642	29663538	29665989	0.48	cps
Chromium	52-2	1843825	1829184	1822616	1831875	0.59	cps
Cobalt	59-2	2899703	2885850	2879319	2888290	0.36	cps
Copper	63-2	3907653	3890862	3903913	3900809	0.23	cps
Dysprosium	156-1	125	183	158	156	18.81	cps
Dysprosium	156-2	130	153	190	158	19.17	cps
Erbium	164-1	83	108	92	94	13.48	cps
Erbium	164-2	30	27	33	30	11.10	cps
Gadolinium	160-1	108	192	108	136	35.35	cps
Gadolinium	160-2	250	263	287	267	6.96	cps
Holmium	165-1	18928621	18953538	18992249	18958136	0.17	cps
Holmium	165-2	10757107	10616953	10762525	10712195	0.77	cps
Indium	115-1	12974767	12995475	12881876	12950706	0.47	cps
Indium	115-2	3003854	2992230	3021770	3005951	0.50	cps
Iron	56-2	85996882	84895396	84389107	85093795	0.97	cps
Iron	57-2	2052008	2055597	2039218	2048941	0.42	cps
Krypton	83-1	543	540	537	540	0.62	cps
Lead	206-1	5528135	5546128	5510968	5528410	0.32	cps
Lead	207-1	4998034	5037268	5004947	5013416	0.42	cps
Lead	208-1	22275955	22465272	22315171	22352133	0.45	cps
Lithium	6-1	4399853	4384919	4410158	4398310	0.29	cps
Magnesium	24-2	16711981	16451087	16476439	16546502	0.87	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2498708	2478170	2456074	2477651	0.86	cps
Molybdenum	94-1	10717731	10692981	10708809	10706507	0.12	cps
Molybdenum	95-1	12951114	13039229	13054195	13014846	0.43	cps
Molybdenum	96-1	14396101	14586983	14509200	14497428	0.66	cps
Molybdenum	97-1	8070726	8120557	8087295	8092859	0.31	cps
Molybdenum	98-1	21003608	21015249	21022592	21013816	0.05	cps
Neodymium	150-1	567	620	527	571	8.20	cps
Neodymium	150-2	63	80	60	68	15.81	cps
Nickel	60-2	735377	727728	727295	730133	0.62	cps
Phosphorus	31-2	85731	85168	84925	85275	0.48	cps
Potassium	39-2	8006049	7857487	7769920	7877819	1.52	cps
Rhodium	103-1	11277611	11220159	11218741	11238837	0.30	cps
Rhodium	103-2	5867697	5784403	5859408	5837169	0.79	cps
Scandium	45-1	8093522	8216000	8176948	8162157	0.77	cps
Scandium	45-2	426137	424403	427613	426051	0.38	cps
Selenium	77-2	8122	7642	7669	7811	3.46	cps
Selenium	78-2	26211	25693	25688	25864	1.16	cps
Selenium	82-1	136028	136512	136675	136405	0.25	cps
Silicon	28-1	5023175	5265108	5344285	5210856	3.21	cps
Silver	109-1	7091337	7013796	7092156	7065763	0.64	cps
Silver	107-1	7370270	7381380	7371027	7374226	0.08	cps
Sodium	23-2	31217250	30804038	30879642	30966977	0.71	cps
Strontium	86-1	1873388	1878494	1839244	1863709	1.15	cps
Strontium	88-1	16079838	16104342	15919618	16034599	0.63	cps
Sulfur	34-1	1011300	1010785	1013104	1011730	0.12	cps
Terbium	159-1	19166534	19191963	19048085	19135527	0.40	cps
Terbium	159-2	10454627	10320907	10315963	10363832	0.76	cps
Thallium	203-1	6855149	6807009	6811813	6824657	0.39	cps
Thallium	205-1	16339806	16332637	16286851	16319765	0.18	cps
Thorium	232-1	25173104	25356494	25256519	25262039	0.36	cps
Tin	118-1	4717289	4791360	4761005	4756552	0.78	cps
Titanium	47-1	3784298	3821240	3797557	3801032	0.49	cps
Uranium	238-1	24631852	24898658	24492526	24674346	0.84	cps
Vanadium	51-2	1497253	1476552	1472670	1482158	0.89	cps
Yttrium	89-1	13241762	13297744	13192810	13244105	0.40	cps
Yttrium	89-2	2249861	2211540	2248128	2236510	0.97	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	PB119258BS	Instrumnet Name :	P7
Client Sample ID :	PB119258BS	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:24:17	DataFile Name :	027LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	749650	751450	746696	749265	0.32	cps
Zirconium	90-1	9037170	9026834	9049937	9037980	0.13	cps
Zirconium	91-1	2024698	2025168	2026895	2025587	0.06	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7905709	7881903	8025131	7937581	0.97	cps
Antimony	121-1	5137666	5067924	5099758	5101783	0.68	cps
Arsenic	75-1	1193618	1165847	1170289	1176585	1.27	cps
Barium	135-1	7122963	6981695	7054023	7052894	1.00	cps
Barium	137-1	12432665	12185597	12311795	12310019	1.00	cps
Beryllium	9-1	1466343	1457058	1456678	1460027	0.37	cps
Bismuth	209-1	11841270	11641039	11732041	11738117	0.85	cps
Bismuth	209-2	6743530	6781263	6929665	6818153	1.44	cps
Boron	10-1	299846	305596	311915	305786	1.97	cps
Boron	11-1	1366911	1395654	1415298	1392621	1.75	cps
Cadmium	111-1	1594832	1559883	1578024	1577579	1.11	cps
Cadmium	106-1	191645	187381	189941	189656	1.13	cps
Cadmium	108-1	129779	126118	128021	127973	1.43	cps
Calcium	43-1	8956860	8867299	8923818	8915992	0.51	cps
Calcium	44-1	145240370	143097007	144083745	144140374	0.74	cps
Chromium	52-2	1819222	1810404	1823456	1817694	0.37	cps
Cobalt	59-2	2782899	2769505	2803097	2785167	0.61	cps
Copper	63-2	3983515	3959029	3981927	3974824	0.34	cps
Dysprosium	156-1	192	267	150	203	29.15	cps
Dysprosium	156-2	193	240	213	216	10.86	cps
Erbium	164-1	75	75	108	86	22.35	cps
Erbium	164-2	40	13	47	33	52.92	cps
Gadolinium	160-1	167	108	133	136	21.50	cps
Gadolinium	160-2	303	320	280	301	6.67	cps
Holmium	165-1	18320393	17892780	18043338	18085504	1.20	cps
Holmium	165-2	9874850	9828245	9964658	9889251	0.70	cps
Indium	115-1	12235805	12030072	12044784	12103554	0.95	cps
Indium	115-2	2715418	2733362	2766329	2738369	0.94	cps
Iron	56-2	403431076	400987565	404381598	402933413	0.43	cps
Iron	57-2	9854536	9897558	9925904	9892666	0.36	cps
Krypton	83-1	540	553	620	571	7.51	cps
Lead	206-1	5402167	5351313	5375755	5376412	0.47	cps
Lead	207-1	4903790	4843087	4892832	4879903	0.66	cps
Lead	208-1	21783881	21571492	21692951	21682775	0.49	cps
Lithium	6-1	4362557	4280788	4251215	4298187	1.34	cps
Magnesium	24-2	80551412	80445248	81344143	80780268	0.61	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2414492	2397705	2420979	2411058	0.50	cps
Molybdenum	94-1	10946604	10829924	11016055	10930861	0.86	cps
Molybdenum	95-1	13343454	13136387	13265822	13248554	0.79	cps
Molybdenum	96-1	14796265	14715072	14741497	14750945	0.28	cps
Molybdenum	97-1	8290708	8271118	8248230	8270019	0.26	cps
Molybdenum	98-1	21478497	21258102	21381091	21372563	0.52	cps
Neodymium	150-1	773	640	700	704	9.48	cps
Neodymium	150-2	110	83	107	100	14.53	cps
Nickel	60-2	691732	688807	698139	692893	0.69	cps
Phosphorus	31-2	83182	84004	84849	84011	0.99	cps
Potassium	39-2	38593430	38279764	38992017	38621737	0.92	cps
Rhodium	103-1	10288474	10156360	10165621	10203485	0.72	cps
Rhodium	103-2	5086538	5116635	5191017	5131397	1.05	cps
Scandium	45-1	8038383	7875942	7861968	7925431	1.24	cps
Scandium	45-2	402967	406055	411344	406789	1.04	cps
Selenium	77-2	7615	7599	7505	7573	0.78	cps
Selenium	78-2	24912	24981	25209	25034	0.62	cps
Selenium	82-1	137469	135538	136865	136624	0.72	cps
Silicon	28-1	4821239	4647990	4773067	4747432	1.88	cps
Silver	109-1	6683454	6573443	6654942	6637280	0.86	cps
Silver	107-1	6977660	6833188	6941357	6917402	1.09	cps
Sodium	23-2	154509187	153855416	155901374	154755326	0.68	cps
Strontium	86-1	1885634	1859761	1866094	1870496	0.72	cps
Strontium	88-1	16196699	16059467	16123878	16126681	0.43	cps
Sulfur	34-1	1079261	1064269	1060235	1067921	0.94	cps
Terbium	159-1	18479149	18285019	18372428	18378866	0.53	cps
Terbium	159-2	9742604	9698339	9767458	9736134	0.36	cps
Thallium	203-1	6687363	6684193	6714876	6695478	0.25	cps
Thallium	205-1	16000558	15848594	16059365	15969506	0.68	cps
Thorium	232-1	25815618	25641133	26012837	25823196	0.72	cps
Tin	118-1	4757714	4718392	4726745	4734284	0.44	cps
Titanium	47-1	3969986	3894787	3917948	3927574	0.98	cps
Uranium	238-1	25339027	25095868	25354955	25263283	0.57	cps
Vanadium	51-2	1480077	1467042	1492941	1480020	0.87	cps
Yttrium	89-1	12778648	12645387	12643922	12689319	0.61	cps
Yttrium	89-2	2068314	2086930	2109004	2088083	0.98	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-04-29 13:37:27	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	726563	727390	731199	728384	0.34	cps
Zirconium	90-1	9299388	9252563	9343994	9298648	0.49	cps
Zirconium	91-1	2096703	2071099	2093519	2087107	0.67	cps

LB Number : LB102420 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P7
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2019-04-29 13:42:14 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	158	142	11.76	cps
Antimony	121-1	4718	4709	4534	4654	2.22	cps
Arsenic	75-1	-777	-652	-759	-729	-9.22	cps
Barium	135-1	225	167	242	211	18.65	cps
Barium	137-1	317	208	158	228	35.54	cps
Beryllium	9-1	227	237	253	239	5.64	cps
Bismuth	209-1	15269876	15128754	15078351	15158994	0.65	cps
Bismuth	209-2	9283260	9354305	9149842	9262469	1.12	cps
Boron	10-1	17811	17628	16259	17233	4.92	cps
Boron	11-1	79761	76200	73806	76589	3.91	cps
Cadmium	111-1	1487	1485	1417	1463	2.71	cps
Cadmium	106-1	7019	7010	6743	6924	2.26	cps
Cadmium	108-1	29	13	21	21	40.01	cps
Calcium	43-1	417	242	325	328	26.70	cps
Calcium	44-1	14825	14925	13073	14274	7.30	cps
Chromium	52-2	673	867	813	784	12.73	cps
Cobalt	59-2	80	107	97	94	14.27	cps
Copper	63-2	1430	1467	1347	1415	4.35	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	7	7	13	9	43.25	cps
Erbium	164-1	25	75	67	56	48.22	cps
Erbium	164-2	37	10	57	34	67.97	cps
Gadolinium	160-1	92	50	50	64	37.66	cps
Gadolinium	160-2	290	327	240	286	15.23	cps
Holmium	165-1	20922175	20745342	20573173	20746897	0.84	cps
Holmium	165-2	11871570	11777386	11691051	11780003	0.77	cps
Indium	115-1	15375630	15364731	15321896	15354086	0.18	cps
Indium	115-2	3499369	3476267	3500787	3492141	0.39	cps
Iron	56-2	13495	13301	12817	13204	2.65	cps
Iron	57-2	289	400	272	320	21.68	cps
Krypton	83-1	580	667	573	607	8.58	cps
Lead	206-1	1672	1367	1550	1530	10.05	cps
Lead	207-1	1356	1395	1406	1385	1.90	cps
Lead	208-1	6145	6223	6151	6173	0.70	cps
Lithium	6-1	5345061	5310880	5303549	5319830	0.42	cps
Magnesium	24-2	1108	925	975	1003	9.45	cps

LB Number :	LB102420	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	127	97	109	14.47	cps
Molybdenum	94-1	2867	2492	2684	2681	7.00	cps
Molybdenum	95-1	4359	3517	3150	3676	16.86	cps
Molybdenum	96-1	4518	4359	3826	4234	8.56	cps
Molybdenum	97-1	2484	2150	2167	2267	8.29	cps
Molybdenum	98-1	6577	6210	5084	5957	13.05	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	130	130	134	5.73	cps
Phosphorus	31-2	433	358	383	392	9.75	cps
Potassium	39-2	21692	22151	23244	22362	3.57	cps
Rhodium	103-1	13763019	13736603	13660420	13720014	0.39	cps
Rhodium	103-2	7215725	7142037	7135933	7164565	0.62	cps
Scandium	45-1	9885539	9820286	9750546	9818791	0.69	cps
Scandium	45-2	498944	500848	494636	498143	0.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	76	117	107	100	21.36	cps
Selenium	82-1	25	-17	108	39	165.37	cps
Silicon	28-1	253447	253165	253007	253206	0.09	cps
Silver	109-1	658	658	575	631	7.63	cps
Silver	107-1	817	817	842	825	1.75	cps
Sodium	23-2	25397	25606	25906	25637	1.00	cps
Strontium	86-1	992	1033	892	972	7.49	cps
Strontium	88-1	675	550	367	531	29.23	cps
Sulfur	34-1	411987	412468	411427	411961	0.13	cps
Terbium	159-1	21535458	21212956	21320435	21356283	0.77	cps
Terbium	159-2	11661184	11667050	11524896	11617710	0.69	cps
Thallium	203-1	1425	1258	1133	1272	11.50	cps
Thallium	205-1	3392	2850	2659	2967	12.82	cps
Thorium	232-1	4473	4017	3778	4090	8.63	cps
Tin	118-1	1750	1775	1859	1795	3.16	cps
Titanium	47-1	358	308	325	331	7.70	cps
Uranium	238-1	725	583	500	603	18.87	cps
Vanadium	51-2	27	17	10	18	47.19	cps
Yttrium	89-1	15531816	15533046	15445811	15503557	0.32	cps
Yttrium	89-2	2578245	2575779	2562767	2572264	0.32	cps

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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1323	1197	1200	1240	5.82	cps
Zirconium	90-1	1750	1742	1725	1739	0.73	cps
Zirconium	91-1	342	433	383	386	11.89	cps