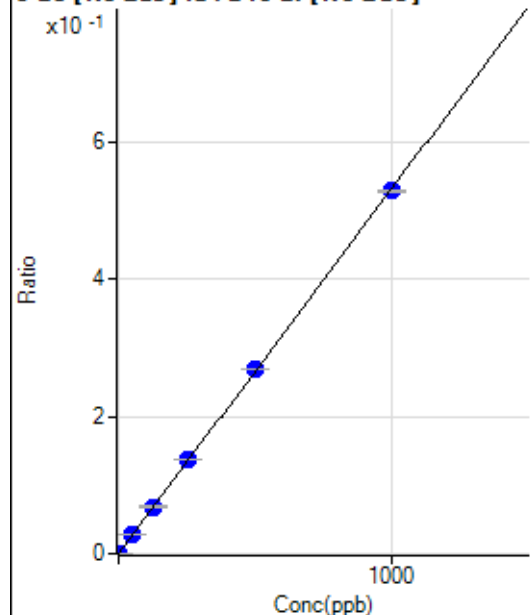


Batch Folder: D:\ICP-MS Data\P7101419 MS.b\
Analysis File: P7101419 MS.batch.bin
DA Date-Time: 2019-10-14 16:50:11
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-10-14 10:29:29
2			
3	005CALS.d	S02	2019-10-14 10:37:34
4	006CALS.d	S03	2019-10-14 10:41:28
5	007CALS.d	S04	2019-10-14 10:45:23
6	008CALS.d	S05	2019-10-14 10:49:13
7	009CALS.d	S06	2019-10-14 10:53:01
8	010CALS.d	S07	2019-10-14 10:56:48
9	011CALS.d	S08	2019-10-14 11:00:32

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0000	P	23.0
2	☐	0.100					
3	☐	1.000	1.072	1542.72	0.0006	P	2.7
4	☐	50.000	53.951	72973.34	0.0287	P	0.5
5	☐	125.000	128.668	165731.12	0.0683	P	1.2
6	☐	250.000	258.067	305776.20	0.1370	P	0.3
7	☐	500.000	505.071	547049.28	0.2681	P	0.1
8	☐	1000.000	994.791	1019507.99	0.5280	P	0.2
9	☐			190.75	0.0001	P	14.7

$$y = 5.3070\text{E-}004 * x + 2.3172\text{E-}005$$

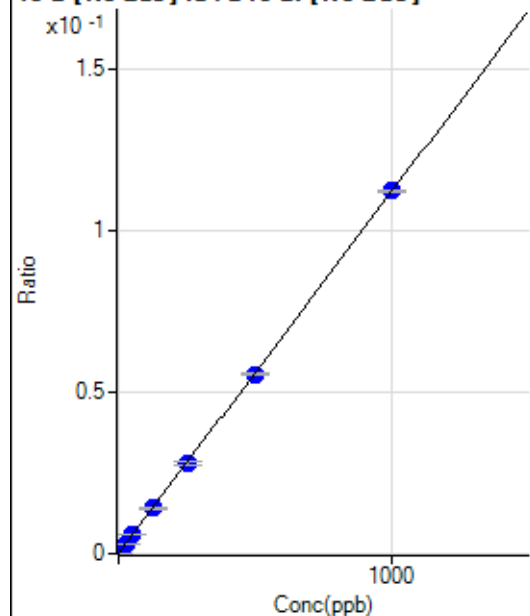
$$R = 0.9999$$

$$DL = 0.03009$$

$$BEC = 0.04366$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	244.45	0.0001	P	36.4
2	☐	2.500					
3	☐	25.000	25.848	7777.30	0.0030	P	4.1
4	☐	50.000	51.941	15027.49	0.0059	P	1.2
5	☐	125.000	124.203	33913.87	0.0140	P	0.2
6	☐	250.000	249.198	62379.30	0.0279	P	2.4
7	☐	500.000	495.436	113193.83	0.0555	P	1.4
8	☐	1000.000	1002.464	216536.99	0.1121	P	0.4
9	☐			8358.18	0.0041	P	5.8

$$y = 1.1177\text{E-}004 * x + 9.5684\text{E-}005$$

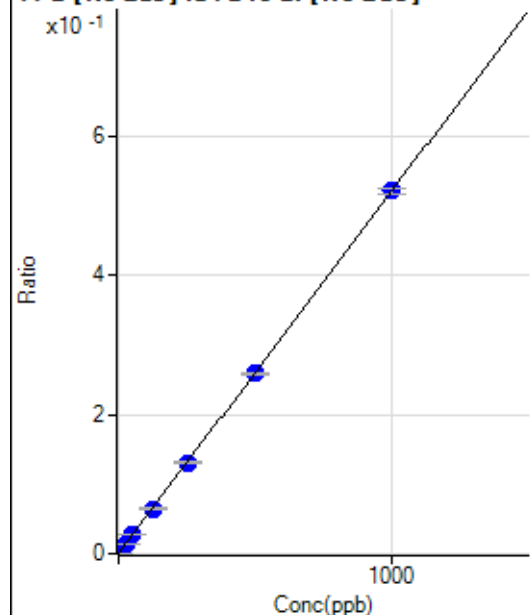
$$R = 1.0000$$

$$DL = 0.9358$$

$$BEC = 0.8561$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1108.42	0.0004	P	10.1
2	☐	2.500					
3	☐	25.000	25.105	35161.26	0.0135	P	0.3
4	☐	50.000	52.326	70420.35	0.0277	P	0.9
5	☐	125.000	123.995	157550.52	0.0649	P	0.5
6	☐	250.000	249.551	290717.67	0.1302	P	2.0
7	☐	500.000	497.218	528701.80	0.2591	P	0.9
8	☐	1000.000	1001.510	1006796.88	0.5214	P	1.4
9	☐			40352.14	0.0200	P	5.7

$$y = 5.2018\text{E-}004 * x + 4.3405\text{E-}004$$

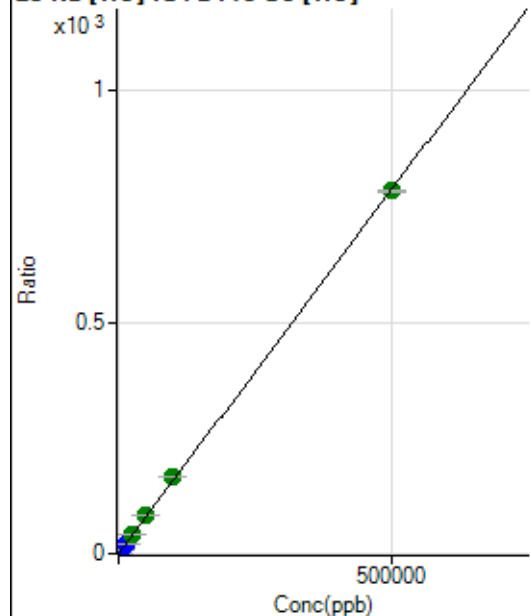
$$R = 1.0000$$

$$DL = 0.2525$$

$$BEC = 0.8344$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4114.63	0.0223	P	4.2
2	☐	50.000					
3	☐	500.000	537.723	162307.53	0.8671	P	0.5
4	☐	5000.000	5479.659	1553827.96	8.6318	P	1.0
5	☐	12500.000	13349.340	3577632.68	20.9965	P	0.5
6	☐	25000.000	26548.736	6460516.99	41.7351	A	1.4
7	☐	50000.000	53056.644	11853873.18	83.3837	A	0.9
8	☐	100000.00	105870.20	23268721.53	166.3631	A	1.0
9	☐	500000.00	498416.79	130834350.1	783.1234	A	0.7

$$y = 0.0016 * x + 0.0223$$

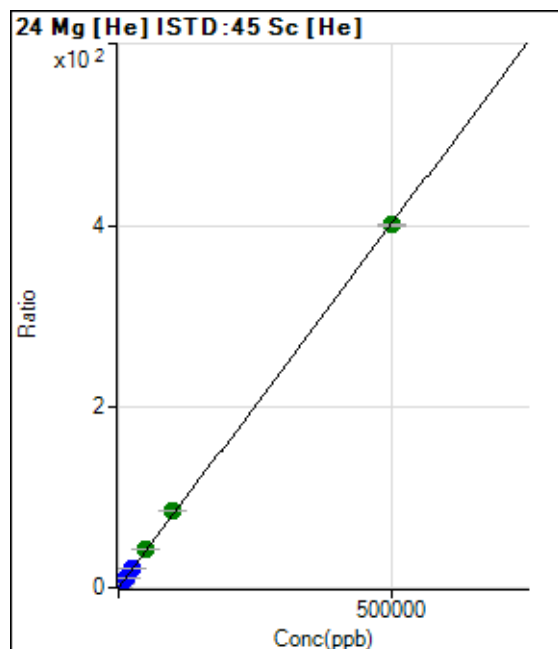
$$R = 0.9999$$

$$DL = 1.796$$

$$BEC = 14.18$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0008	P	13.0
2	☐	50.000					
3	☐	500.000	564.111	84998.81	0.4541	P	1.0
4	☐	5000.000	5570.452	805878.48	4.4766	P	0.6
5	☐	12500.000	13521.197	1851271.24	10.8649	P	0.4
6	☐	25000.000	26619.044	3311115.68	21.3889	P	0.8
7	☐	50000.000	53812.586	6146801.18	43.2385	A	0.6
8	☐	100000.00	105977.94	11909982.30	85.1527	A	1.0
9	☐	500000.00	498310.90	66891605.66	400.3869	A	0.7

$$y = 8.0349\text{E-}004 * x + 8.4221\text{E-}004$$

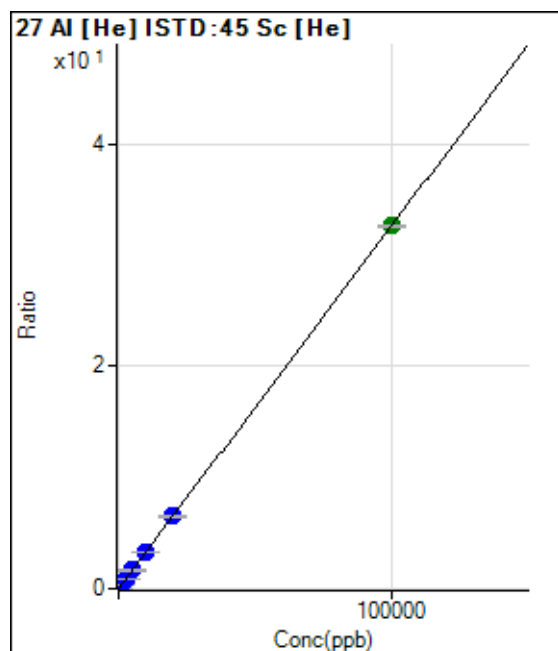
$$R = 0.9999$$

$$DL = 0.4082$$

$$BEC = 1.048$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	22.22	0.0001	P	20.8
2	☐	2.000					
3	☐	20.000	21.328	1325.11	0.0071	P	7.6
4	☐	1000.000	1065.444	62601.29	0.3477	P	0.8
5	☐	2500.000	2544.126	141462.70	0.8302	P	0.2
6	☐	5000.000	5039.760	254556.52	1.6445	P	1.7
7	☐	10000.000	10087.637	467906.58	3.2914	P	0.9
8	☐	20000.000	19927.432	909378.92	6.5019	P	1.6
9	☐	100000.00	100002.00	5451076.30	32.6280	A	0.9

$$y = 3.2627\text{E-}004 * x + 1.2021\text{E-}004$$

$$R = 1.0000$$

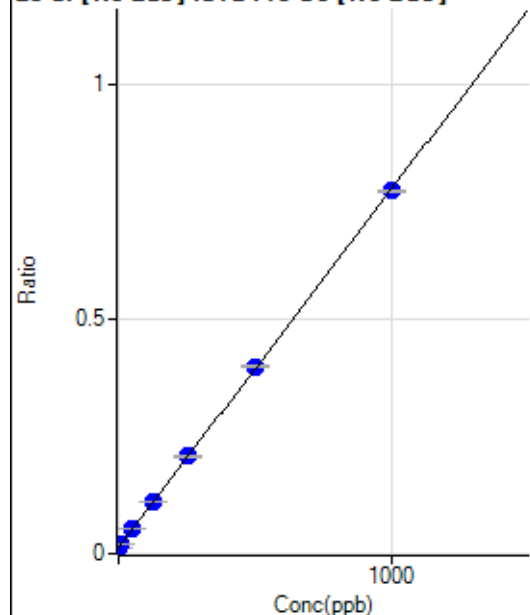
$$DL = 0.2297$$

$$BEC = 0.3684$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	53513.03	0.0121	P	2.2
2	☐	1.000					
3	☐	10.000	11.549	95542.98	0.0210	P	0.9
4	☐	50.000	54.467	240486.64	0.0538	P	0.5
5	☐	125.000	129.652	475876.23	0.1114	P	0.5
6	☐	250.000	255.351	821198.69	0.2076	P	1.1
7	☐	500.000	505.530	1424870.67	0.3991	P	0.6
8	☐	1000.000	995.077	2634484.26	0.7738	P	0.7
9	☐			206514.48	0.0553	P	0.6

$$y = 7.6540\text{E-}004 * x + 0.0121$$

$$R = 1.0000$$

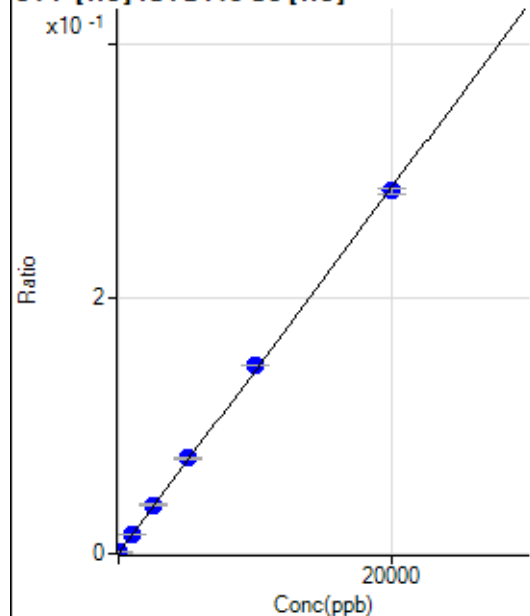
$$DL = 1.029$$

$$BEC = 15.84$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-31.565	33.34	0.0002	P	48.9
2	☐	0.000					
3	☐	0.000	31.565	202.79	0.0011	P	12.6
4	☐	1000.000	1007.961	2711.48	0.0151	P	6.1
5	☐	2500.000	2633.097	6529.46	0.0383	P	1.9
6	☐	5000.000	5188.898	11596.61	0.0749	P	2.5
7	☐	10000.000	10243.753	20934.81	0.1473	P	0.2
8	☐	20000.000	19813.864	39756.69	0.2842	P	1.9
9	☐			77.78	0.0005	P	12.2

$$y = 1.4314\text{E-}005 * x + 6.3164\text{E-}004$$

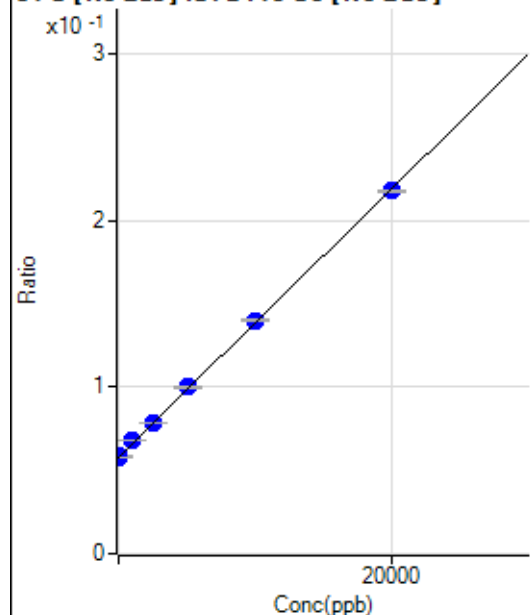
$$R = 0.9998$$

$$DL = 23.49$$

$$BEC = 44.13$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	56.801	258479.02	0.0586	P	1.3
2	☐	0.000					
3	☐	0.000	-56.801	262722.96	0.0576	P	0.2
4	☐	1000.000	1189.477	302477.55	0.0677	P	0.3
5	☐	2500.000	2584.070	337244.87	0.0789	P	0.2
6	☐	5000.000	5230.610	396543.43	0.1002	P	1.3
7	☐	10000.000	10195.609	500692.34	0.1402	P	0.4
8	☐	20000.000	19824.560	741478.69	0.2178	P	0.2
9	☐			242797.45	0.0650	P	0.5

$$y = 8.0540\text{E-}006 * x + 0.0581$$

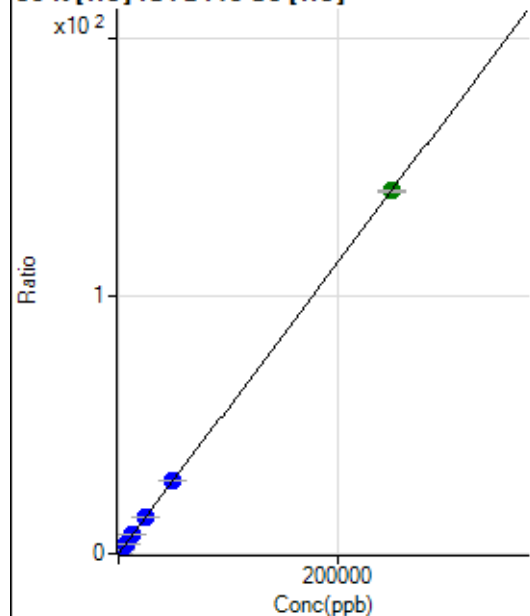
$$R = 0.9998$$

$$DL = 162.4$$

$$BEC = 7214$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5053.82	0.0274	P	3.4
2	☐	50.000					
3	☐	500.000	522.389	60190.02	0.3216	P	0.7
4	☐	2500.000	2682.256	276860.34	1.5379	P	0.5
5	☐	6250.000	6421.603	620881.27	3.6438	P	0.8
6	☐	12500.000	12647.735	1106869.38	7.1502	P	1.0
7	☐	25000.000	25406.633	2037935.76	14.3355	P	0.7
8	☐	50000.000	49946.565	3938094.88	28.1556	P	0.5
9	☐	250000.00	249956.47	23521981.25	140.7944	A	0.7

$$y = 5.6317\text{E-}004 * x + 0.0274$$

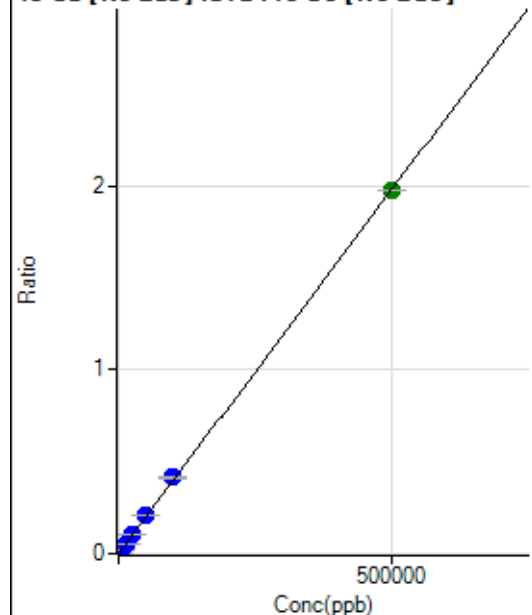
$$R = 1.0000$$

$$DL = 4.888$$

$$BEC = 48.62$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	119.45	0.0000	P	15.1
2	☐	50.000					
3	☐	500.000	520.580	9503.42	0.0021	P	1.6
4	☐	5000.000	5418.160	95857.41	0.0214	P	1.4
5	☐	12500.000	13170.650	222652.26	0.0521	P	1.9
6	☐	25000.000	26143.107	409074.06	0.1034	P	0.8
7	☐	50000.000	52593.336	742579.97	0.2080	P	0.8
8	☐	100000.00	104450.14	1406177.72	0.4130	P	1.2
9	☐	500000.00	498772.51	7369026.12	1.9721	A	0.0

$$y = 3.9538\text{E-}006 * x + 2.7036\text{E-}005$$

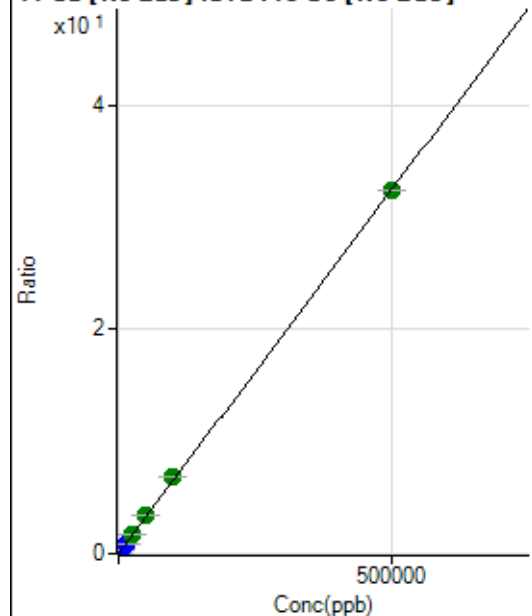
$$R = 1.0000$$

$$DL = 3.101$$

$$BEC = 6.838$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2719.81	0.0006	P	2.4
2	☐	50.000					
3	☐	500.000	532.835	160383.03	0.0352	P	0.7
4	☐	5000.000	5374.843	1561426.80	0.3494	P	0.4
5	☐	12500.000	12837.720	3562587.28	0.8337	P	0.8
6	☐	25000.000	25875.404	6645583.78	1.6797	A	0.7
7	☐	50000.000	52131.150	12080924.75	3.3834	A	0.5
8	☐	100000.00	104721.17	23139183.16	6.7960	A	0.4
9	☐	500000.00	498786.65	120944323.5	32.3671	A	0.1

$$y = 6.4890\text{E-}005 * x + 6.1620\text{E-}004$$

$$R = 0.9999$$

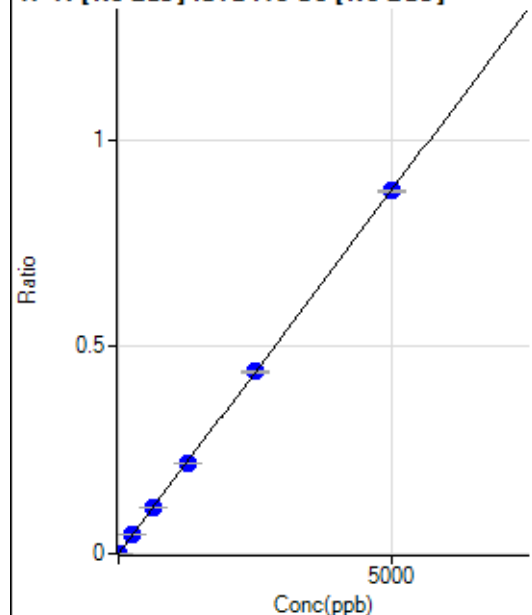
$$DL = 0.676$$

$$BEC = 9.496$$

Weight: <None>

Min Conc: 0

47 Ti [No Gas] ISTD :45 Sc [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.22	0.0000	P	53.8
2	☐	0.500					
3	☐	5.000	5.595	4523.11	0.0010	P	5.1
4	☐	250.000	264.842	207713.80	0.0465	P	0.5
5	☐	625.000	634.984	476164.98	0.1114	P	0.9
6	☐	1250.000	1254.262	870778.77	0.2201	P	0.3
7	☐	2500.000	2507.628	1571104.92	0.4400	P	0.6
8	☐	5000.000	4993.130	2982933.20	0.8761	P	0.4
9	☐			1314.00	0.0004	P	3.6

$$y = 1.7546E-004 * x + 1.0683E-005$$

$$R = 1.0000$$

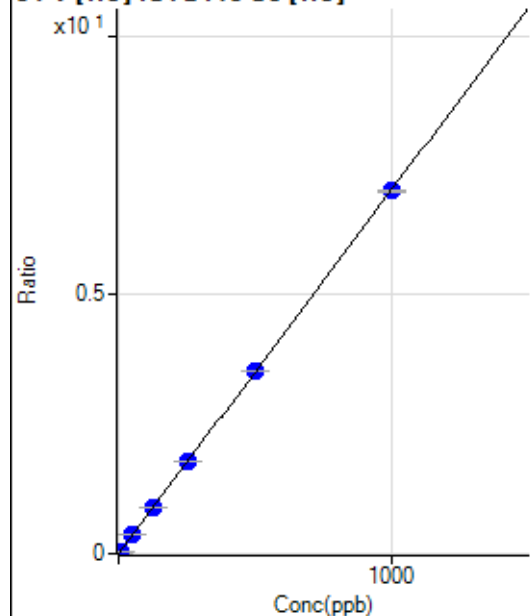
$$DL = 0.09822$$

$$BEC = 0.06089$$

Weight: <None>

Min Conc: 0

51 V [He] ISTD :45 Sc [He]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	16.67	0.0001	P	104.0
2	☐	0.500					
3	☐	5.000	5.557	7329.71	0.0392	P	0.6
4	☐	50.000	53.054	67157.47	0.3731	P	0.7
5	☐	125.000	128.847	154359.55	0.9059	P	0.3
6	☐	250.000	254.032	276478.66	1.7860	P	1.0
7	☐	500.000	501.708	501427.78	3.5272	P	0.7
8	☐	1000.000	997.502	980862.56	7.0128	P	0.7
9	☐			281.12	0.0017	P	10.2

$$y = 0.0070 * x + 9.0386E-005$$

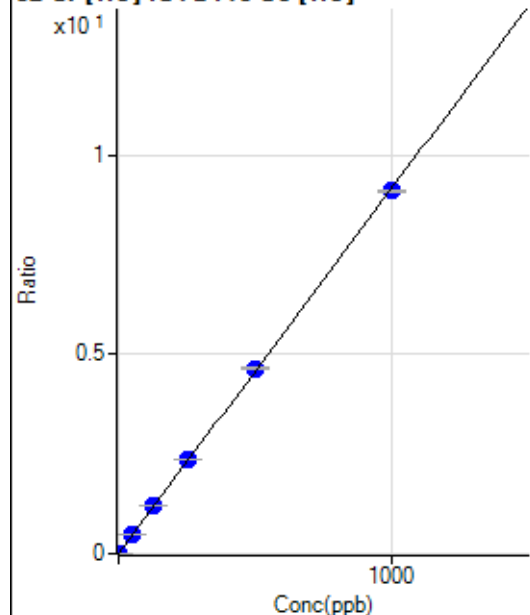
$$R = 1.0000$$

$$DL = 0.04012$$

$$BEC = 0.01286$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	395.57	0.0021	P	6.0
2	☐	0.200					
3	☐	2.000	2.144	4075.07	0.0218	P	3.0
4	☐	50.000	53.811	89060.31	0.4947	P	0.9
5	☐	125.000	130.248	203524.91	1.1945	P	0.8
6	☐	250.000	257.158	364765.44	2.3563	P	0.7
7	☐	500.000	506.894	659972.62	4.6425	P	0.7
8	☐	1000.000	993.917	1272921.35	9.1009	P	0.6
9	☐			53478.90	0.3201	P	1.5

$$y = 0.0092 * x + 0.0021$$

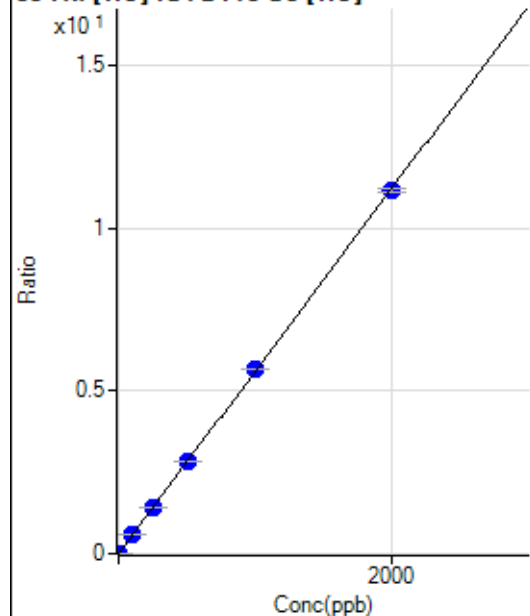
$$R = 0.9999$$

$$DL = 0.04232$$

$$BEC = 0.2342$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.11	0.0003	P	39.3
2	☐	0.100					
3	☐	1.000	1.094	1201.18	0.0064	P	3.1
4	☐	100.000	107.332	108452.70	0.6025	P	1.2
5	☐	250.000	256.343	245103.96	1.4385	P	0.6
6	☐	500.000	509.937	442950.46	2.8613	P	0.5
7	☐	1000.000	1015.012	809609.65	5.6950	P	0.2
8	☐	2000.000	1988.850	1560699.35	11.1587	P	1.2
9	☐			6427.05	0.0385	P	3.8

$$y = 0.0056 * x + 2.7750E-004$$

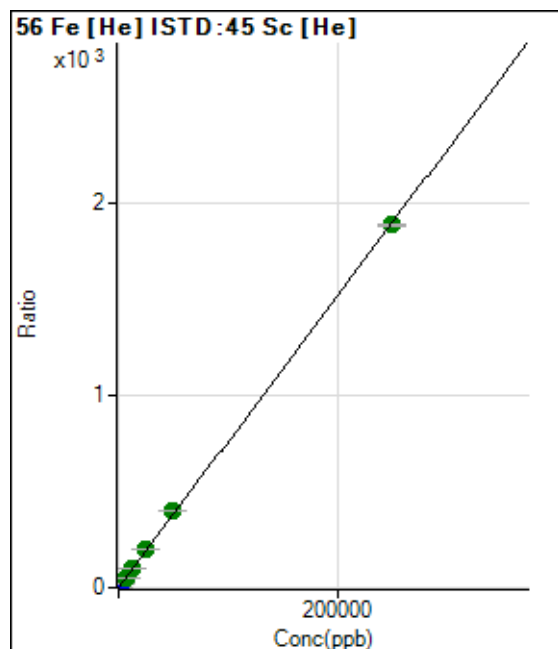
$$R = 0.9999$$

$$DL = 0.0583$$

$$BEC = 0.04946$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1327.87	0.0072	P	5.3
2	☐	5.000					
3	☐	50.000	60.838	87475.94	0.4673	P	0.3
4	☐	2500.000	2853.414	3886379.83	21.5894	P	0.6
5	☐	6250.000	6839.836	8816209.98	51.7413	A	0.3
6	☐	12500.000	13534.226	15847872.12	102.3752	A	1.1
7	☐	25000.000	26877.218	28900483.52	203.2968	A	1.0
8	☐	50000.000	53067.714	56141764.22	401.3923	A	0.9
9	☐	250000.00	249128.74	314807073.7	1,884.327	A	0.3

$$y = 0.0076 * x + 0.0072$$

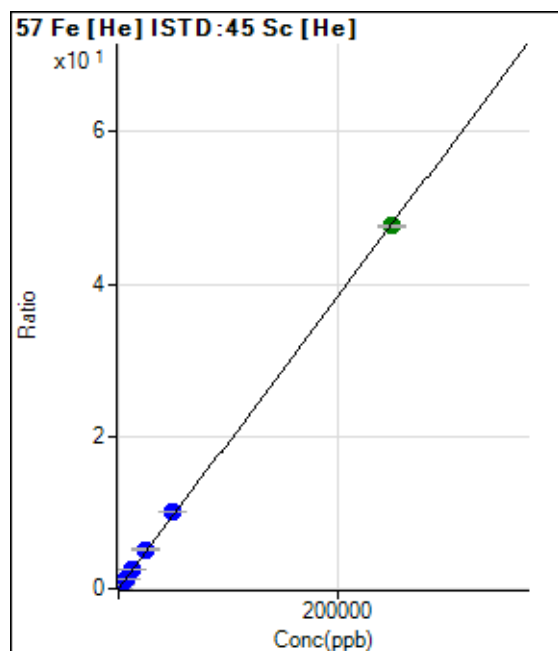
$$R = 0.9999$$

$$DL = 0.1525$$

$$BEC = 0.9509$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	37.04	0.0002	P	32.2
2	☐	5.000					
3	☐	50.000	62.607	2278.01	0.0122	P	3.5
4	☐	2500.000	2876.045	99028.03	0.5501	P	0.8
5	☐	6250.000	6908.686	225103.16	1.3212	P	1.2
6	☐	12500.000	13659.222	404320.55	2.6119	P	1.2
7	☐	25000.000	27053.671	735375.69	5.1729	P	0.9
8	☐	50000.000	53044.880	1418602.53	10.1425	P	0.8
9	☐	250000.00	249107.46	7957394.91	47.6303	A	0.3

$$y = 1.9120E-004 * x + 2.0098E-004$$

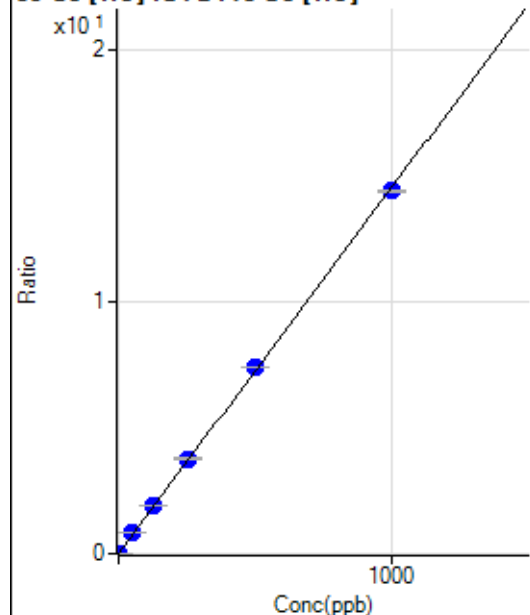
$$R = 0.9999$$

$$DL = 1.017$$

$$BEC = 1.051$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	88.89	0.0005	P	35.0
2	☐	0.100					
3	☐	1.000	1.091	3059.25	0.0163	P	3.6
4	☐	50.000	55.491	145260.18	0.8070	P	0.9
5	☐	125.000	133.088	329653.27	1.9347	P	1.1
6	☐	250.000	258.865	582458.51	3.7627	P	1.3
7	☐	500.000	510.021	1053804.10	7.4128	P	0.6
8	☐	1000.000	991.487	2015536.88	14.4102	P	0.5
9	☐			28826.28	0.1725	P	1.0

$$y = 0.0145 * x + 4.8290E-004$$

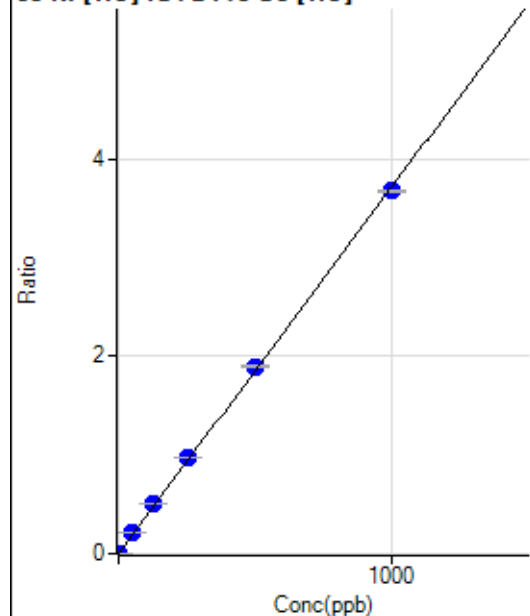
$$R = 0.9999$$

$$DL = 0.03488$$

$$BEC = 0.03323$$

Weight: <None>

Min Conc: 0

60 Ni [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.89	0.0009	P	7.7
2	☐	0.100					
3	☐	1.000	1.023	872.27	0.0047	P	13.2
4	☐	50.000	56.369	37842.23	0.2102	P	0.2
5	☐	125.000	134.241	85100.55	0.4994	P	0.9
6	☐	250.000	262.212	150881.18	0.9747	P	1.8
7	☐	500.000	510.270	269528.02	1.8960	P	1.0
8	☐	1000.000	990.339	514563.39	3.6789	P	0.7
9	☐			19383.00	0.1160	P	1.4

$$y = 0.0037 * x + 8.6117E-004$$

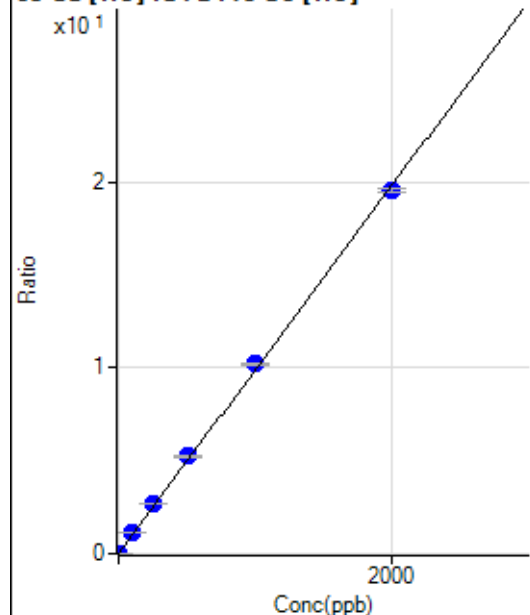
$$R = 0.9998$$

$$DL = 0.05322$$

$$BEC = 0.2319$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

$$y = 0.0099 * x + 0.0019$$

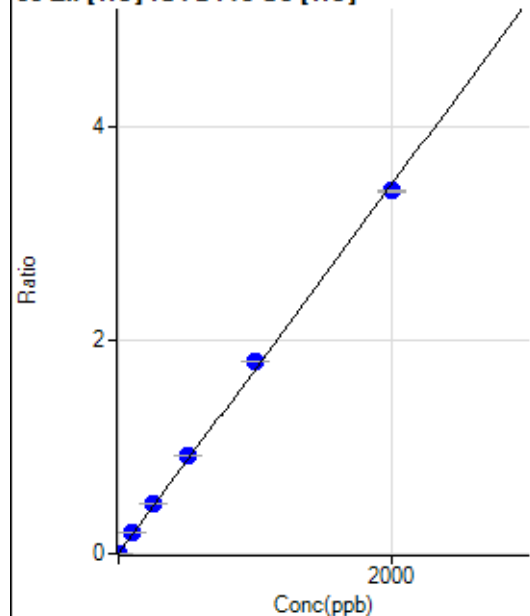
$$R = 0.9997$$

$$DL = 0.02928$$

$$BEC = 0.1885$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

$$y = 0.0017 * x + 0.0013$$

$$R = 0.9995$$

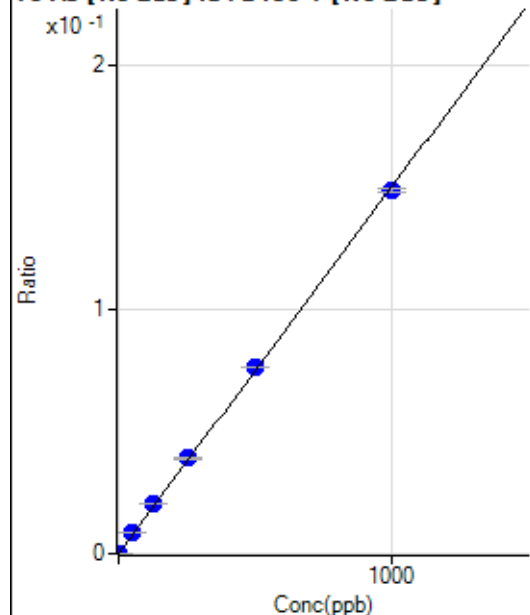
$$DL = 0.1055$$

$$BEC = 0.731$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-1147.41	-0.0001	P	-9.9
2	☐	0.100					
3	☐	1.000	0.916	-93.72	0.0000	P	-143.
4	☐	50.000	56.264	65757.02	0.0083	P	1.0
5	☐	125.000	135.578	153596.25	0.0202	P	1.1
6	☐	250.000	261.895	280033.11	0.0391	P	2.1
7	☐	500.000	509.683	503898.71	0.0763	P	0.7
8	☐	1000.000	990.549	942994.32	0.1485	P	1.0
9	☐			499.52	0.0001	P	29.0

$$y = 1.5002\text{E-}004 * x - 1.4914\text{E-}004$$

$$R = 0.9998$$

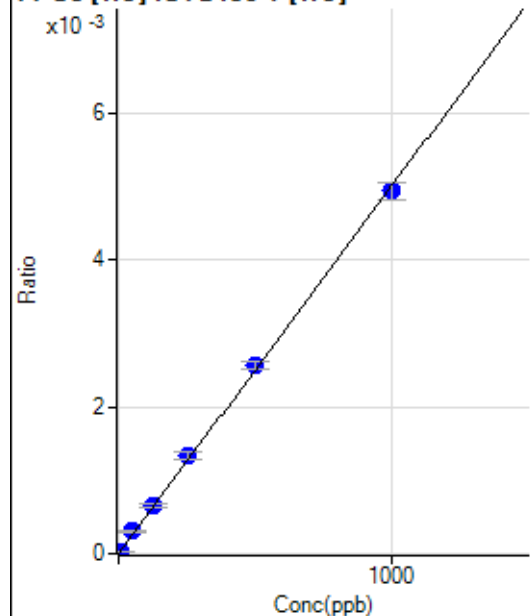
$$DL = 0.2939$$

$$BEC = -0.9941$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.349	30.00	0.0000	P	11.6
4	☐	50.000	61.864	284.45	0.0003	P	10.6
5	☐	125.000	131.822	582.24	0.0007	P	7.4
6	☐	250.000	267.173	1074.50	0.0013	P	7.9
7	☐	500.000	513.663	1910.16	0.0026	P	4.1
8	☐	1000.000	987.422	3590.50	0.0049	P	4.6
9	☐			4.44	0.0000	P	115.3

$$y = 5.0059\text{E-}006 * x + 0.0000\text{E+}000$$

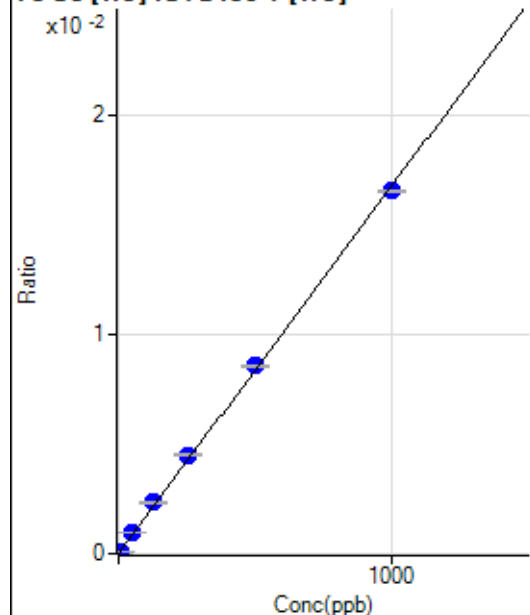
$$R = 0.9997$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7.41	0.0000	P	43.0
2	☐	0.500					
3	☐	5.000	6.821	115.43	0.0001	P	10.2
4	☐	50.000	57.996	900.04	0.0010	P	2.4
5	☐	125.000	139.153	2062.51	0.0023	P	4.2
6	☐	250.000	269.208	3631.96	0.0045	P	2.8
7	☐	500.000	510.488	6361.94	0.0086	P	0.6
8	☐	1000.000	987.776	12031.61	0.0166	P	0.3
9	☐			16.67	0.0000	P	23.1

$$y = 1.6759\text{E-}005 * x + 7.8958\text{E-}006$$

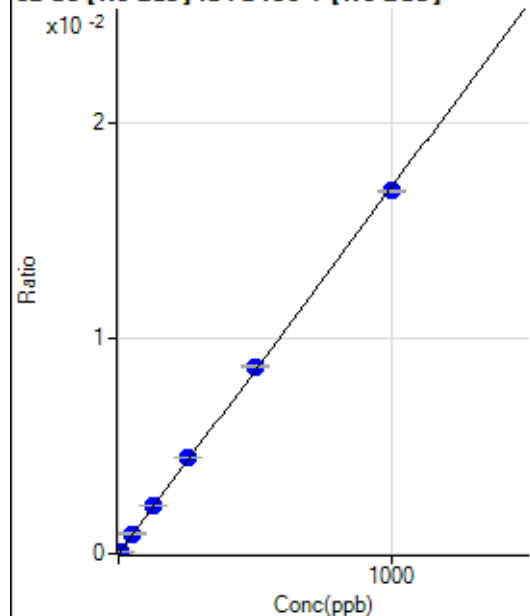
$$R = 0.9997$$

$$DL = 0.6076$$

$$BEC = 0.4711$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.24	0.0000	P	85.3
2	☐	0.500					
3	☐	5.000	5.377	747.41	0.0001	P	15.8
4	☐	50.000	54.798	7403.94	0.0009	P	2.0
5	☐	125.000	132.909	17209.88	0.0023	P	0.7
6	☐	250.000	262.239	31918.25	0.0045	P	0.5
7	☐	500.000	511.397	57439.53	0.0087	P	0.9
8	☐	1000.000	990.011	106964.13	0.0168	P	0.2
9	☐			22.05	0.0000	P	197.2

$$y = 1.7007\text{E-}005 * x + 1.7155\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.2581$$

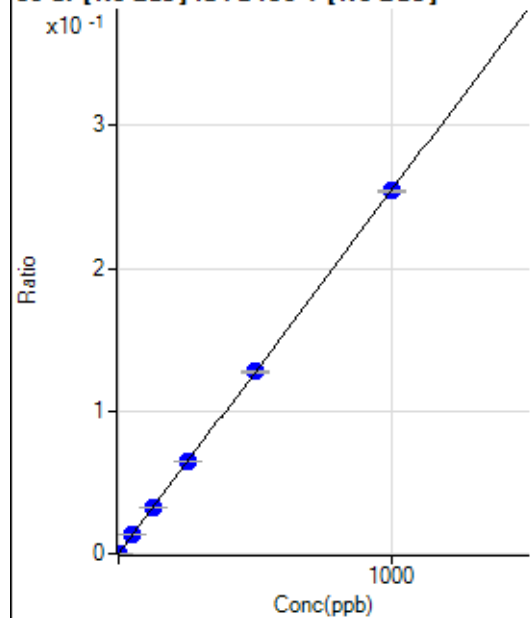
$$BEC = 0.1009$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			493.35		P	5.3
2	☐						
3	☐			585.58		P	10.3
4	☐			560.02		P	3.7
5	☐			535.58		P	10.8
6	☐			491.12		P	4.5
7	☐			462.24		P	8.7
8	☐			390.01		P	10.4
9	☐			491.13		P	13.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	836.17	0.0001	P	8.5
2	☐	0.100					
3	☐	1.000	1.054	3022.66	0.0004	P	1.8
4	☐	50.000	52.427	106618.11	0.0134	P	1.7
5	☐	125.000	126.897	246389.11	0.0324	P	0.9
6	☐	250.000	252.716	460647.44	0.0644	P	0.4
7	☐	500.000	500.600	841523.97	0.1274	P	0.8
8	☐	1000.000	998.663	1614321.20	0.2541	P	0.7
9	☐			7574.56	0.0011	P	4.5

$$y = 2.5437E-004 * x + 1.0865E-004$$

$$R = 1.0000$$

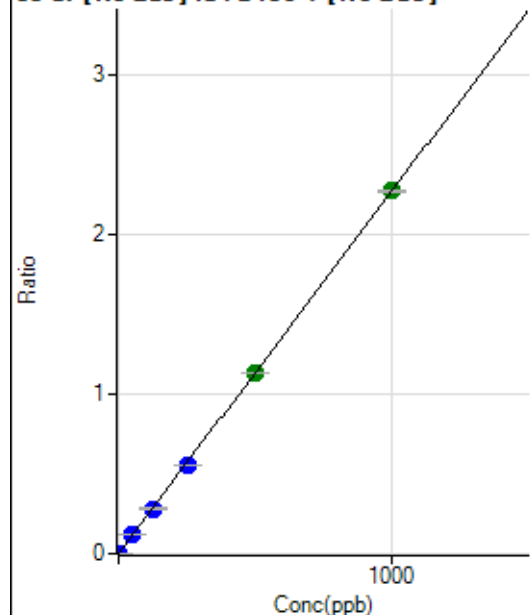
$$DL = 0.1084$$

$$BEC = 0.4271$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	29.5
2	☐	0.100					
3	☐	1.000	1.026	18779.69	0.0023	P	3.6
4	☐	50.000	51.845	933222.32	0.1177	P	0.7
5	☐	125.000	124.730	2153480.73	0.2831	P	0.2
6	☐	250.000	244.577	3970860.50	0.5551	P	0.3
7	☐	500.000	499.097	7479036.71	1.1327	A	0.2
8	☐	1000.000	1001.749	14440685.91	2.2734	A	0.4
9	☐			61850.57	0.0091	P	0.4

$$y = 0.0023 * x + 1.2981E-005$$

$$R = 1.0000$$

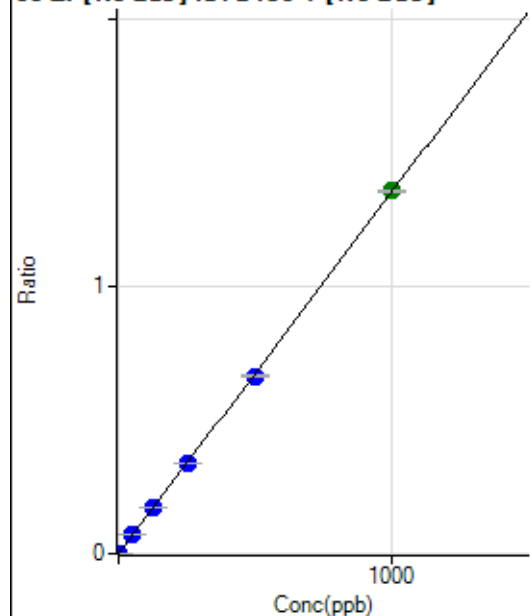
$$DL = 0.005059$$

$$BEC = 0.00572$$

Weight: <None>

Min Conc: 0

90 Zr [No Gas] ISTD:89 Y [No Gas]



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	597.26	0.0001	P	8.9
2	☐	0.100					
3	☐	1.000	0.930	10696.04	0.0013	P	1.3
4	☐	50.000	51.611	553175.38	0.0698	P	0.6
5	☐	125.000	125.594	1290486.89	0.1696	P	0.5
6	☐	250.000	249.163	2406836.73	0.3364	P	0.4
7	☐	500.000	491.316	4380029.13	0.6633	P	0.6
8	☐	1000.000	1004.396	8613430.22	1.3560	A	0.3
9	☐			2869.86	0.0004	P	1.8

$$y = 0.0013 * x + 7.7589E-005$$

$$R = 0.9999$$

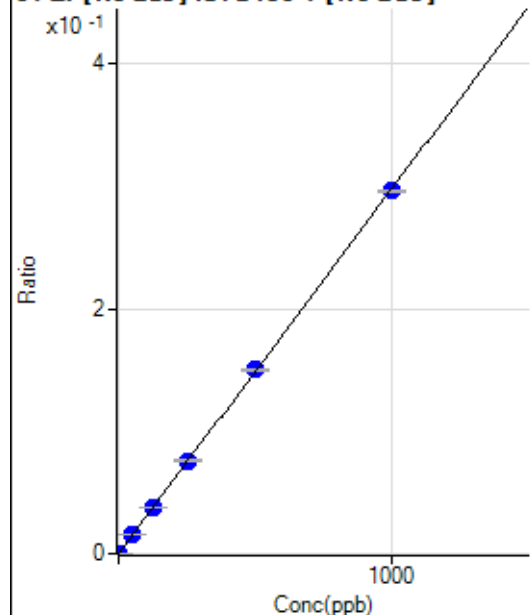
$$DL = 0.01529$$

$$BEC = 0.05747$$

Weight: <None>

Min Conc: 0

91 Zr [No Gas] ISTD : 89 Y [No Gas]



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	122.23	0.0000	P	10.8
2	☐	0.100					
3	☐	1.000	0.925	2336.42	0.0003	P	5.5
4	☐	50.000	52.473	123977.64	0.0156	P	0.6
5	☐	125.000	128.510	291097.18	0.0383	P	0.2
6	☐	250.000	254.821	542629.61	0.0759	P	1.4
7	☐	500.000	505.335	993190.98	0.1504	P	0.7
8	☐	1000.000	995.565	1882259.09	0.2963	P	0.6
9	☐			652.83	0.0001	P	8.7

$$y = 2.9763\text{E-}004 * x + 1.5887\text{E-}005$$

$$R = 1.0000$$

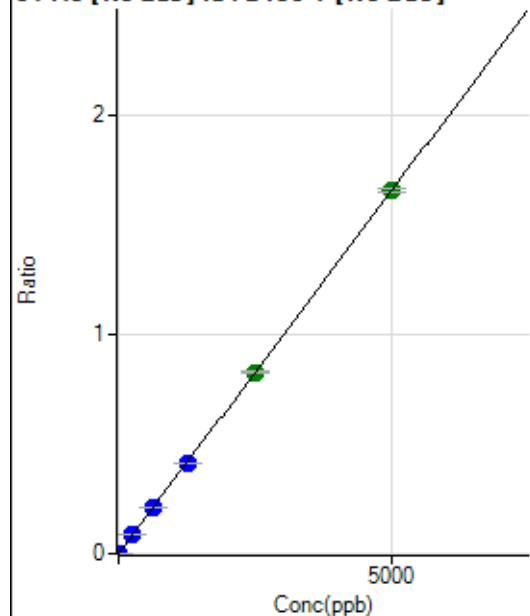
$$DL = 0.01726$$

$$BEC = 0.05338$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	205.57	0.0000	P	33.0
2	☐	0.500					
3	☐	5.000	5.098	13729.35	0.0017	P	0.5
4	☐	250.000	259.653	680693.21	0.0858	P	0.2
5	☐	625.000	631.118	1586827.11	0.2086	P	0.5
6	☐	1250.000	1243.261	2939178.23	0.4109	P	0.8
7	☐	2500.000	2501.414	5458072.43	0.8266	A	1.1
8	☐	5000.000	4999.730	10494947.80	1.6522	A	0.9
9	☐			9258.95	0.0014	P	2.4

$$y = 3.3046\text{E-}004 * x + 2.6733\text{E-}005$$

$$R = 1.0000$$

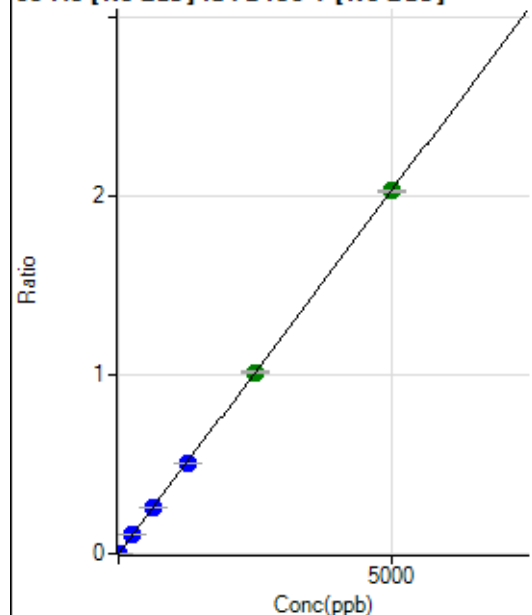
$$DL = 0.08014$$

$$BEC = 0.0809$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	55.56	0.0000	P	23.4
2	☐	0.500					
3	☐	5.000	5.308	17341.70	0.0022	P	1.9
4	☐	250.000	261.567	841985.74	0.1062	P	0.8
5	☐	625.000	636.100	1964123.20	0.2582	P	0.4
6	☐	1250.000	1243.394	3610246.83	0.5047	P	0.3
7	☐	2500.000	2501.652	6704127.58	1.0153	A	0.9
8	☐	5000.000	4998.859	12887453.15	2.0289	A	0.8
9	☐			15381.07	0.0023	P	2.2

$$y = 4.0587\text{E-}004 * x + 7.2255\text{E-}006$$

$$R = 1.0000$$

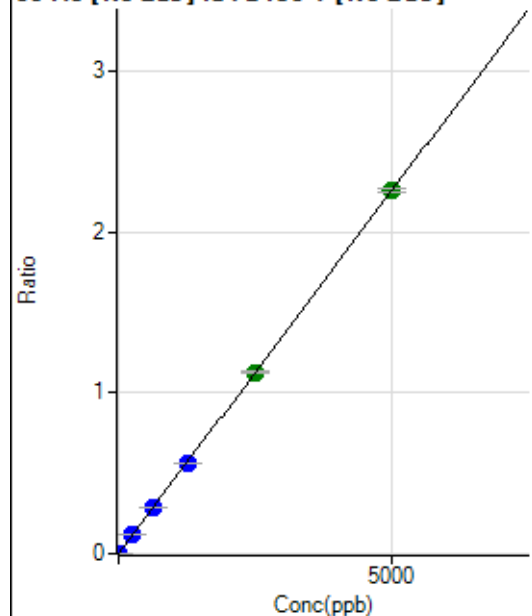
$$DL = 0.0125$$

$$BEC = 0.0178$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	113.90	0.0000	P	7.9
2	☐	0.500					
3	☐	5.000	5.274	19205.17	0.0024	P	3.1
4	☐	250.000	260.755	932893.63	0.1176	P	0.3
5	☐	625.000	632.307	2169867.85	0.2852	P	0.5
6	☐	1250.000	1238.062	3995192.97	0.5585	P	0.2
7	☐	2500.000	2500.520	7447449.64	1.1279	A	0.7
8	☐	5000.000	5001.273	14329501.19	2.2559	A	0.9
9	☐			16482.35	0.0024	P	1.3

$$y = 4.5106\text{E-}004 * x + 1.4796\text{E-}005$$

$$R = 1.0000$$

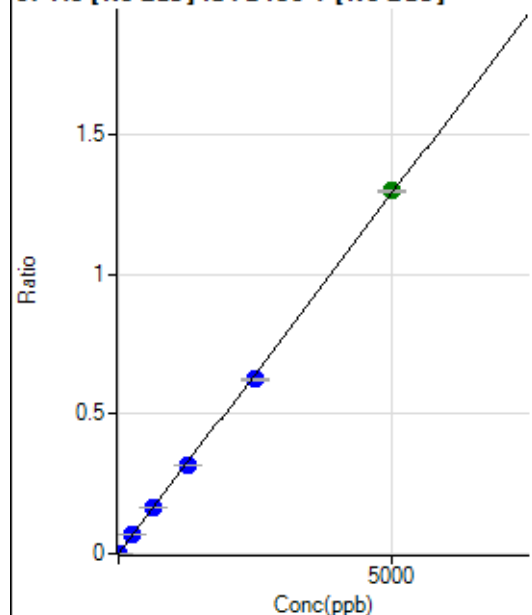
$$DL = 0.007809$$

$$BEC = 0.0328$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	30.9
2	☐	0.500					
3	☐	5.000	5.428	11265.97	0.0014	P	3.6
4	☐	250.000	259.538	531018.62	0.0670	P	0.4
5	☐	625.000	629.339	1235167.70	0.1624	P	0.4
6	☐	1250.000	1230.678	2271264.55	0.3175	P	0.5
7	☐	2500.000	2423.122	4127531.17	0.6251	P	0.8
8	☐	5000.000	5042.250	8262648.97	1.3008	A	0.9
9	☐			9378.48	0.0014	P	4.8

$$y = 2.5798\text{E-}004 * x + 3.9664\text{E-}006$$

$$R = 0.9998$$

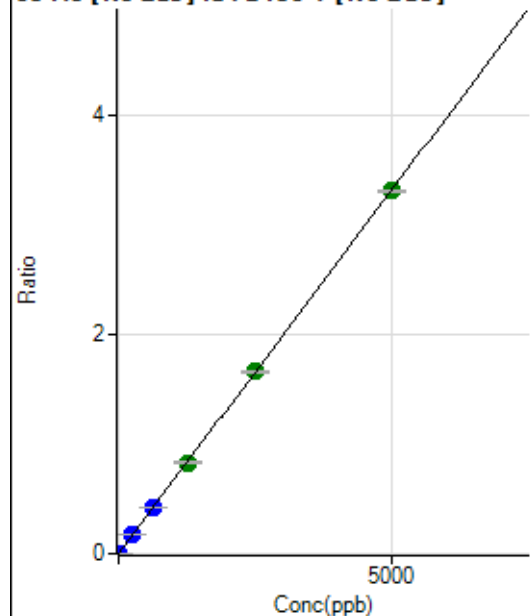
$$DL = 0.01427$$

$$BEC = 0.01538$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	24.0
2	☐	0.500					
3	☐	5.000	5.298	28292.90	0.0035	P	2.0
4	☐	250.000	261.605	1376529.29	0.1736	P	0.6
5	☐	625.000	630.133	3180554.59	0.4181	P	0.2
6	☐	1250.000	1255.635	5959619.53	0.8331	A	0.5
7	☐	2500.000	2509.039	10991422.47	1.6646	A	0.8
8	☐	5000.000	4992.850	21041500.47	3.3125	A	0.5
9	☐			23998.74	0.0035	P	2.3

$$y = 6.6346\text{E-}004 * x + 1.1911\text{E-}005$$

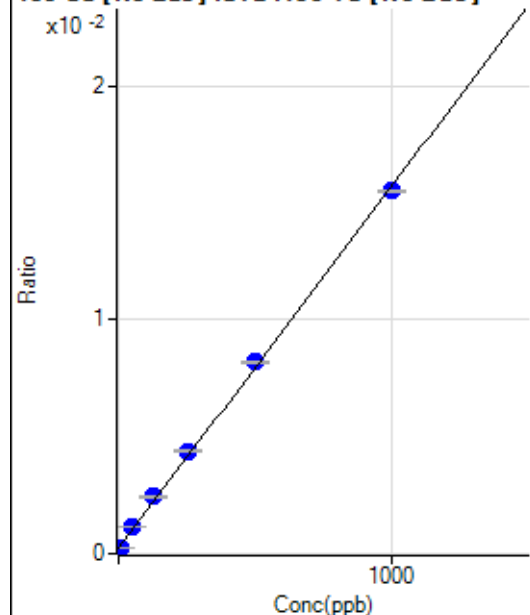
$$R = 1.0000$$

$$DL = 0.01295$$

$$BEC = 0.01795$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3653.38	0.0003	P	2.1
2	☐	0.100					
3	☐	1.000	0.223	3917.38	0.0003	P	1.8
4	☐	50.000	57.406	16190.38	0.0012	P	3.8
5	☐	125.000	139.895	33153.60	0.0024	P	1.4
6	☐	250.000	266.741	57617.88	0.0044	P	1.8
7	☐	500.000	513.784	102597.41	0.0082	P	1.0
8	☐	1000.000	986.691	188782.79	0.0155	P	0.5
9	☐			3303.30	0.0003	P	1.2

$$y = 1.5437\text{E-}005 * x + 2.7465\text{E-}004$$

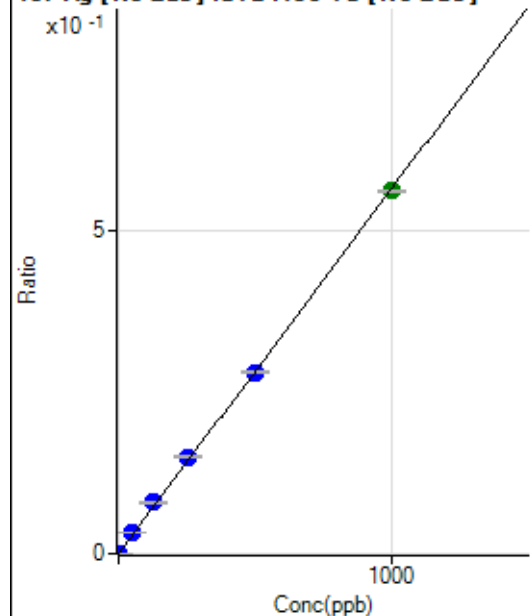
$$R = 0.9996$$

$$DL = 1.116$$

$$BEC = 17.79$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	77.78	0.0000	P	22.6
2	☐	0.100					
3	☐	1.000	0.734	5915.37	0.0004	P	3.8
4	☐	50.000	59.302	466677.74	0.0335	P	0.7
5	☐	125.000	139.844	1074512.76	0.0789	P	0.3
6	☐	250.000	265.757	1966713.96	0.1499	P	0.5
7	☐	500.000	497.937	3511895.17	0.2809	P	0.9
8	☐	1000.000	994.772	6831681.83	0.5611	A	0.5
9	☐			1489.03	0.0001	P	1.4

$$y = 5.6408\text{E-}004 * x + 5.8506\text{E-}006$$

$$R = 0.9998$$

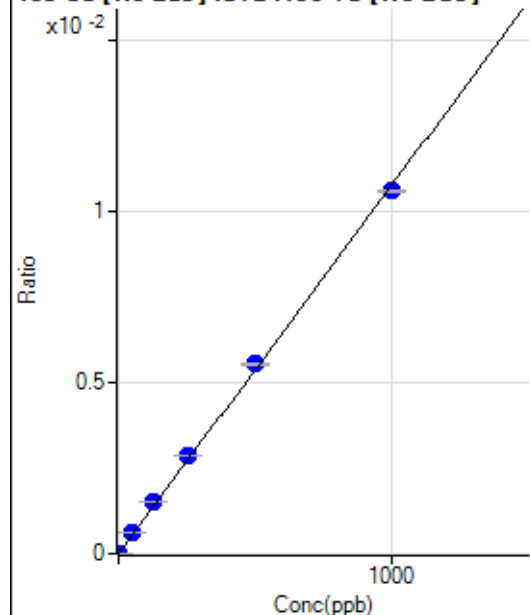
$$DL = 0.007018$$

$$BEC = 0.01037$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	9.72	0.0000	P	65.1
2	☐	0.100					
3	☐	1.000	1.154	184.73	0.0000	P	27.4
4	☐	50.000	58.935	8839.03	0.0006	P	2.2
5	☐	125.000	140.719	20592.99	0.0015	P	1.7
6	☐	250.000	267.082	37636.19	0.0029	P	0.6
7	☐	500.000	515.756	69264.36	0.0055	P	0.6
8	☐	1000.000	985.440	128853.89	0.0106	P	0.7
9	☐			48.61	0.0000	P	35.8

$$y = 1.0739\text{E-}005 * x + 7.2937\text{E-}007$$

$$R = 0.9996$$

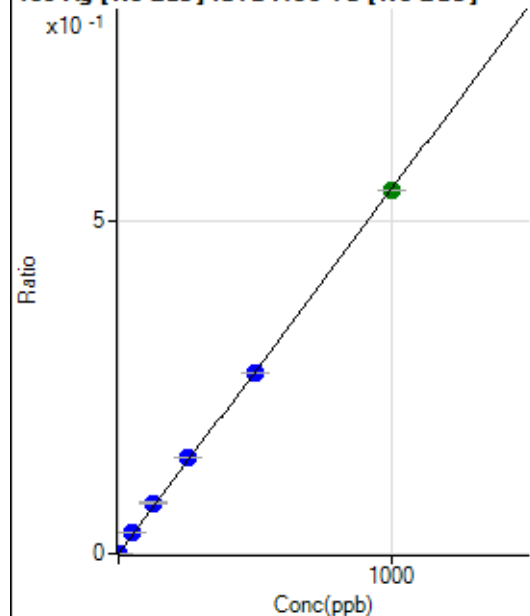
$$DL = 0.1325$$

$$BEC = 0.06792$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	91.9
2	☐	0.100					
3	☐	1.000	0.698	5401.25	0.0004	P	8.0
4	☐	50.000	59.347	453524.11	0.0325	P	0.9
5	☐	125.000	139.306	1039532.06	0.0763	P	0.7
6	☐	250.000	264.928	1904040.58	0.1451	P	0.3
7	☐	500.000	497.057	3404807.67	0.2723	P	0.2
8	☐	1000.000	995.484	6639765.95	0.5454	A	0.2
9	☐			1339.01	0.0001	P	10.1

$$y = 5.4785\text{E-}004 * x + 1.0459\text{E-}006$$

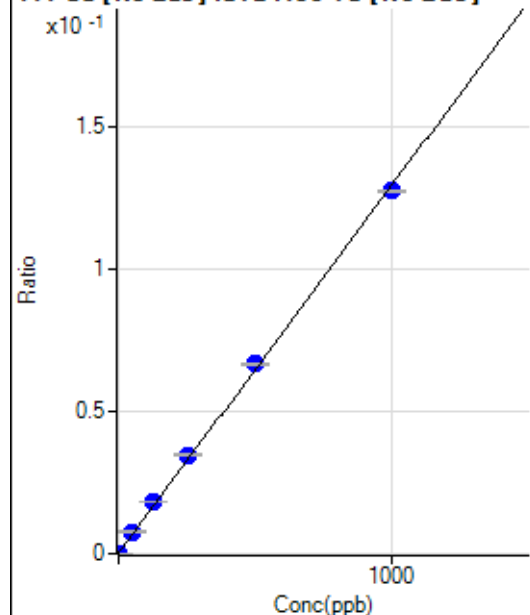
$$R = 0.9998$$

$$DL = 0.005263$$

$$BEC = 0.001909$$

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	2583.20	0.0002	P	2.1
2	☐	0.100					
3	☐	1.000	1.021	4597.08	0.0003	P	3.8
4	☐	50.000	58.428	108154.05	0.0078	P	0.9
5	☐	125.000	139.188	247929.72	0.0182	P	0.6
6	☐	250.000	267.683	456881.36	0.0348	P	0.6
7	☐	500.000	515.177	835806.74	0.0668	P	0.9
8	☐	1000.000	985.796	1555171.17	0.1277	P	0.3
9	☐			2651.21	0.0002	P	2.6

$$y = 1.2938\text{E-}004 * x + 1.9420\text{E-}004$$

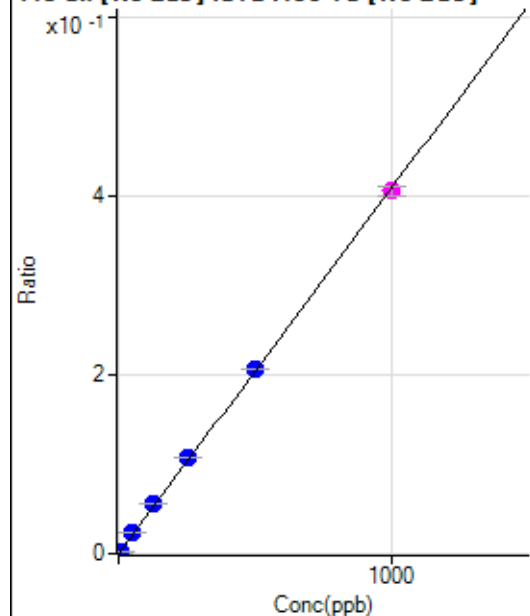
$$R = 0.9996$$

$$DL = 0.09586$$

$$BEC = 1.501$$

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	586.15	0.0000	P	2.9
2	☐	0.500					
3	☐	5.000	5.725	33538.30	0.0024	P	0.7
4	☐	50.000	55.876	318754.35	0.0229	P	1.0
5	☐	125.000	134.319	747354.75	0.0549	P	0.2
6	☐	250.000	261.815	1402544.22	0.1069	P	0.4
7	☐	500.000	505.592	2580819.57	0.2064	P	0.6
8	☐	1000.000	992.788	4934004.19	0.4053	M	2.8
9	☐			2833.75	0.0002	P	7.6

$$y = 4.0818\text{E-}004 * x + 4.4063\text{E-}005$$

$$R = 0.9999$$

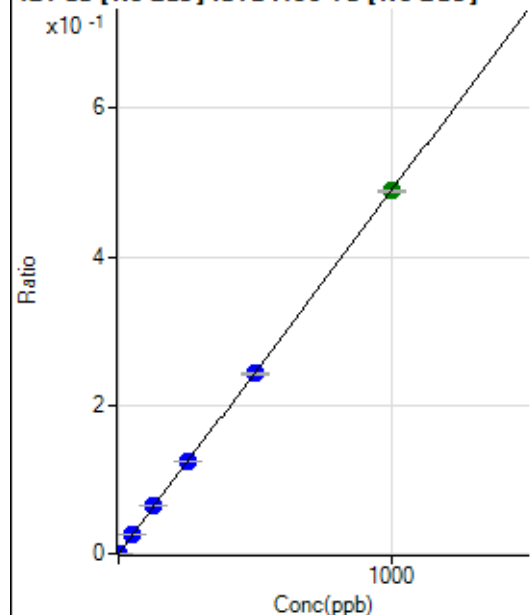
$$DL = 0.009299$$

$$BEC = 0.108$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	36.11	0.0000	P	35.3
2	☐	0.200					
3	☐	2.000	2.135	14747.17	0.0010	P	0.9
4	☐	50.000	54.511	372004.05	0.0267	P	0.5
5	☐	125.000	131.062	873303.12	0.0641	P	1.3
6	☐	250.000	255.192	1637769.33	0.1248	P	0.7
7	☐	500.000	496.690	3037967.10	0.2430	P	0.7
8	☐	1000.000	999.374	5952038.15	0.4889	A	0.5
9	☐			9350.73	0.0007	P	3.1

$$y = 4.8919\text{E-}004 * x + 2.7154\text{E-}006$$

$$R = 1.0000$$

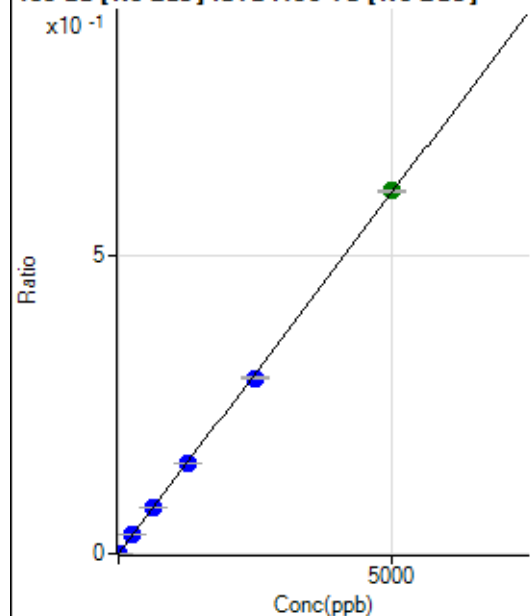
$$DL = 0.005872$$

$$BEC = 0.005551$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	102.78	0.0000	P	26.0
2	☐	1.000					
3	☐	10.000	10.834	18621.51	0.0013	P	1.1
4	☐	250.000	270.404	457669.95	0.0328	P	0.3
5	☐	625.000	647.778	1070417.03	0.0786	P	0.6
6	☐	1250.000	1252.989	1994086.31	0.1520	P	0.3
7	☐	2500.000	2435.251	3693744.40	0.2954	P	0.4
8	☐	5000.000	5027.758	7425549.47	0.6099	A	0.6
9	☐			1444.58	0.0001	P	4.9

$$y = 1.2131\text{E-}004 * x + 7.7273\text{E-}006$$

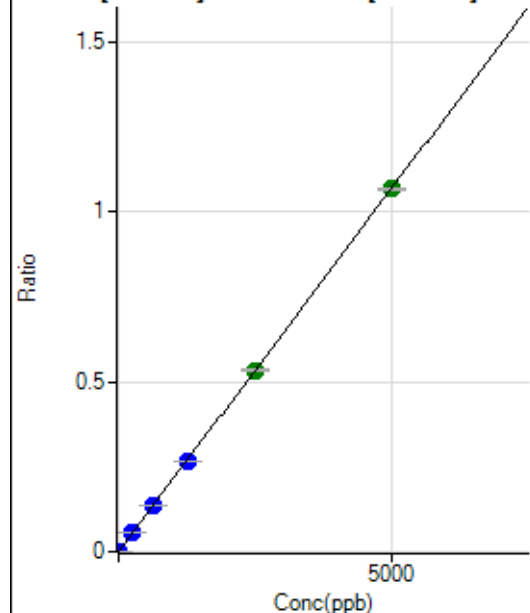
$$R = 0.9999$$

$$DL = 0.04975$$

$$BEC = 0.0637$$

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	105.56	0.0000	P	35.4
2	☐	1.000					
3	☐	10.000	10.855	32767.40	0.0023	P	1.9
4	☐	250.000	270.638	806432.92	0.0578	P	1.2
5	☐	625.000	644.853	1876125.20	0.1377	P	0.3
6	☐	1250.000	1248.871	3499537.62	0.2668	P	0.3
7	☐	2500.000	2501.767	6681203.45	0.5344	A	0.7
8	☐	5000.000	4995.883	12991461.66	1.0671	A	0.8
9	☐			2569.81	0.0002	P	3.3

$$y = 2.1359\text{E-}004 * x + 7.9291\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.03938$$

$$BEC = 0.03712$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			8.89		P	43.3
2	☐						
3	☐			11.11		P	34.6
4	☐			37.78		P	10.2
5	☐			108.89		P	3.5
6	☐			186.67		P	12.9
7	☐			282.23		P	5.9
8	☐			553.36		P	4.8
9	☐			75.56		P	18.4

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	21.6
2	☐						
3	☐			11.11		P	62.5
4	☐			7.78		P	99.0
5	☐			21.11		P	18.2
6	☐			13.33		P	25.0
7	☐			27.78		P	18.3
8	☐			28.89		P	17.6
9	☐			47.78		P	42.1

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	0.0
2	☐						
3	☐			33.33		P	50.0
4	☐			22.22		P	43.3
5	☐			47.22		P	50.9
6	☐			63.89		P	45.8
7	☐			58.33		P	24.7
8	☐			97.23		P	9.9
9	☐			50.00		P	57.7

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			23.33		P	62.3
2	☐						
3	☐			20.00		P	16.7
4	☐			24.45		P	15.8
5	☐			38.89		P	26.2
6	☐			42.22		P	19.9
7	☐			70.00		P	25.2
8	☐			92.23		P	41.1
9	☐			32.22		P	26.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	50.0
2	☐						
3	☐			52.78		P	24.1
4	☐			69.45		P	73.3
5	☐			52.78		P	32.9
6	☐			72.23		P	17.6
7	☐			80.56		P	36.3
8	☐			50.00		P	0.0
9	☐			58.34		P	42.9

160 Gd [He] No available calibration points

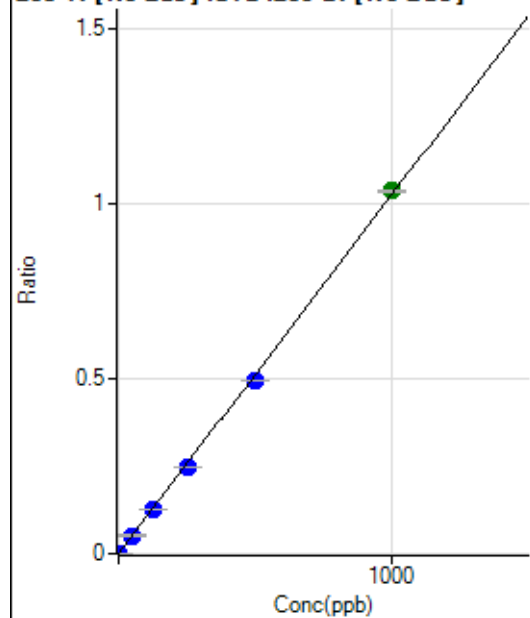
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			113.34		P	17.6
2	☐						
3	☐			126.67		P	19.0
4	☐			158.89		P	16.8
5	☐			125.56		P	9.3
6	☐			117.78		P	14.0
7	☐			105.56		P	9.6
8	☐			90.00		P	12.8
9	☐			130.00		P	2.6

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	24.7
2	☐						
3	☐			77.78		P	24.7
4	☐			100.01		P	41.7
5	☐			116.67		P	31.1
6	☐			83.34		P	17.3
7	☐			55.56		P	43.3
8	☐			83.34		P	26.5
9	☐			88.89		P	32.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.67		P	6.7
2	☐						
3	☐			55.56		P	38.6
4	☐			64.45		P	24.4
5	☐			62.22		P	17.2
6	☐			63.34		P	18.2
7	☐			51.11		P	10.0
8	☐			56.67		P	36.7
9	☐			64.44		P	33.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	547.26	0.0001	P	9.3
2	☐	0.100					
3	☐	1.000	1.014	11174.59	0.0011	P	2.4
4	☐	50.000	50.754	527844.31	0.0520	P	1.3
5	☐	125.000	123.917	1245157.68	0.1270	P	0.9
6	☐	250.000	241.932	2333986.79	0.2479	P	1.3
7	☐	500.000	480.704	4394619.46	0.4924	P	0.3
8	☐	1000.000	1011.763	8844328.76	1.0364	A	0.9
9	☐			3517.29	0.0004	P	8.3

$$y = 0.0010 * x + 5.6097E-005$$

$$R = 0.9997$$

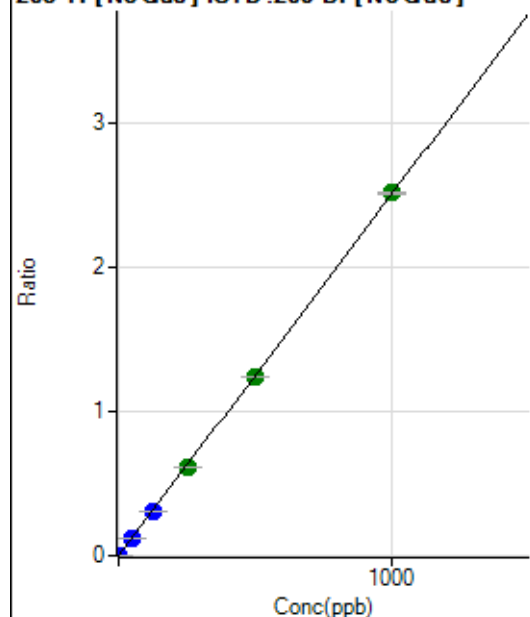
$$DL = 0.01534$$

$$BEC = 0.05477$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	927.85	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.987	26165.40	0.0026	P	1.1
4	☐	50.000	50.096	1271027.32	0.1253	P	0.8
5	☐	125.000	121.891	2988516.17	0.3048	P	0.9
6	☐	250.000	243.822	5740159.85	0.6095	A	0.4
7	☐	500.000	493.862	11017422.73	1.2345	A	0.3
8	☐	1000.000	1004.997	21438487.98	2.5121	A	0.7
9	☐			7591.40	0.0010	P	7.4

$$y = 0.0025 * x + 9.5080E-005$$

$$R = 0.9999$$

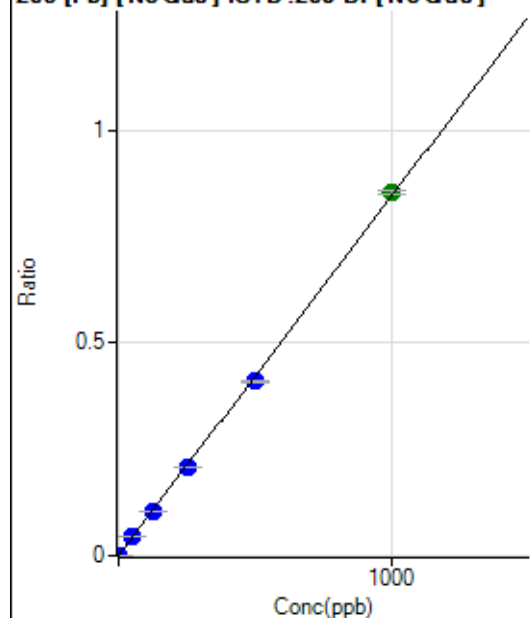
$$DL = 0.007626$$

$$BEC = 0.03804$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1055.63	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.999	9722.34	0.0010	P	1.2
4	☐	50.000	51.046	438539.69	0.0432	P	0.3
5	☐	125.000	125.332	1039450.70	0.1060	P	0.1
6	☐	250.000	243.941	1941990.39	0.2062	P	0.3
7	☐	500.000	484.203	3651889.17	0.4092	P	0.3
8	☐	1000.000	1009.319	7278256.07	0.8529	A	0.9
9	☐			9127.45	0.0011	P	0.8

$$y = 8.4489E-004 * x + 1.0816E-004$$

$$R = 0.9998$$

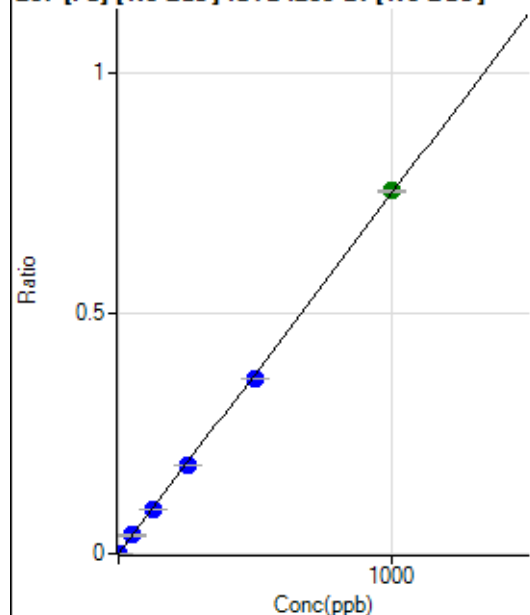
$$DL = 0.02307$$

$$BEC = 0.128$$

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	953.77	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	0.990	8577.11	0.0008	P	1.7
4	☐	50.000	50.740	386980.53	0.0382	P	0.7
5	☐	125.000	124.455	916298.71	0.0934	P	0.7
6	☐	250.000	245.460	1734672.00	0.1842	P	0.5
7	☐	500.000	486.202	3255215.81	0.3648	P	0.3
8	☐	1000.000	1008.065	6453041.93	0.7562	A	0.5
9	☐			8080.47	0.0010	P	3.1

$$y = 7.5001\text{E-}004 * x + 9.7729\text{E-}005$$

$$R = 0.9998$$

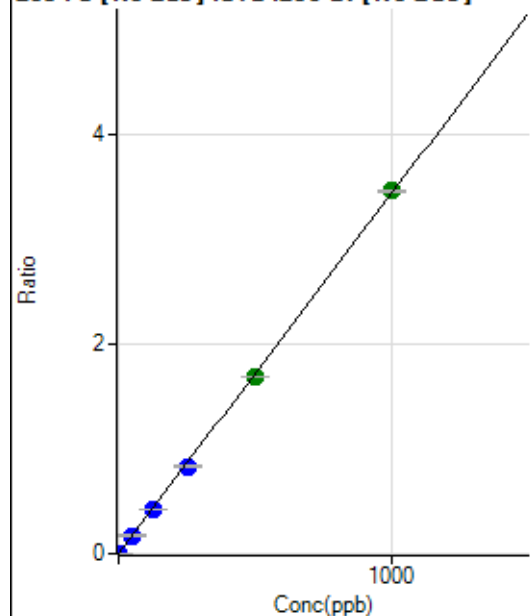
$$DL = 0.02634$$

$$BEC = 0.1303$$

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	3491.00	0.0004	P	3.9
2	☐	0.100					
3	☐	1.000	0.986	38253.79	0.0037	P	1.1
4	☐	50.000	50.597	1766510.71	0.1742	P	0.2
5	☐	125.000	123.696	4170194.49	0.4253	P	0.2
6	☐	250.000	242.510	7848411.71	0.8334	P	0.4
7	☐	500.000	490.207	15030893.36	1.6843	A	0.2
8	☐	1000.000	1006.902	29520011.89	3.4591	A	0.7
9	☐			36149.64	0.0046	P	1.5

$$y = 0.0034 * x + 3.5771\text{E-}004$$

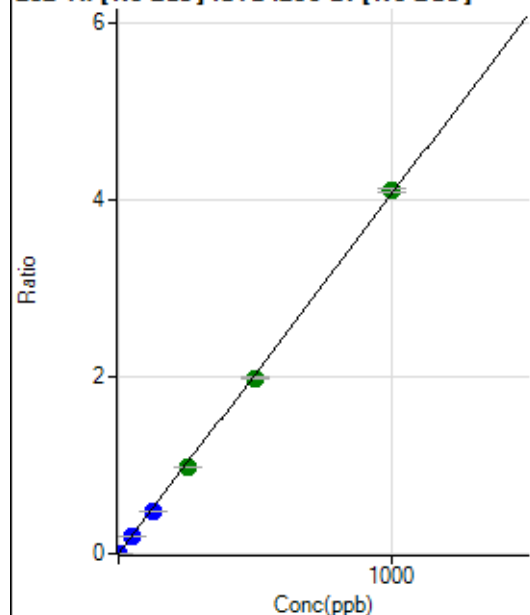
$$R = 0.9999$$

$$DL = 0.01212$$

$$BEC = 0.1041$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2253.96	0.0002	P	7.7
2	☐	0.100					
3	☐	1.000	0.843	37333.27	0.0037	P	0.3
4	☐	50.000	47.472	1959465.78	0.1932	P	0.5
5	☐	125.000	116.123	4630762.08	0.4722	P	0.2
6	☐	250.000	239.868	9183842.22	0.9752	A	0.4
7	☐	500.000	488.931	17737695.42	1.9876	A	0.6
8	☐	1000.000	1009.304	35011925.09	4.1027	A	0.9
9	☐			10031.93	0.0013	P	4.3

$$y = 0.0041 * x + 2.3103E-004$$

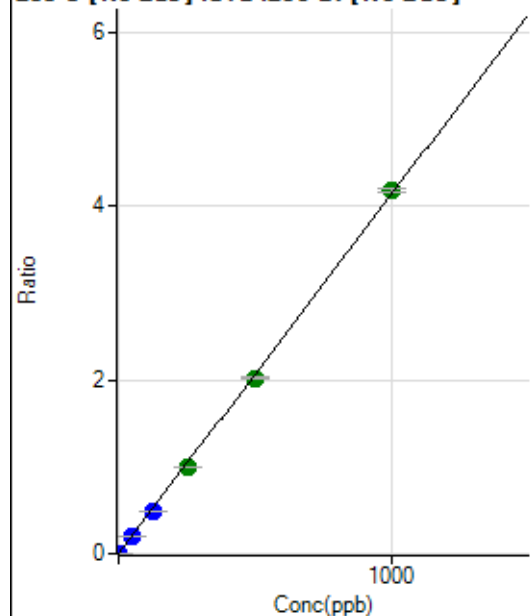
$$R = 0.9998$$

$$DL = 0.01307$$

$$BEC = 0.05684$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3684.02	0.0004	P	3.8
2	☐	0.100					
3	☐	1.000	0.929	43125.28	0.0042	P	0.9
4	☐	50.000	47.535	1999636.92	0.1971	P	0.4
5	☐	125.000	115.827	4705358.27	0.4798	P	0.3
6	☐	250.000	240.848	9392308.28	0.9974	A	0.4
7	☐	500.000	488.845	18062278.53	2.0239	A	0.4
8	☐	1000.000	1009.135	35651492.11	4.1776	A	1.0
9	☐			7060.57	0.0009	P	3.8

$$y = 0.0041 * x + 3.7755E-004$$

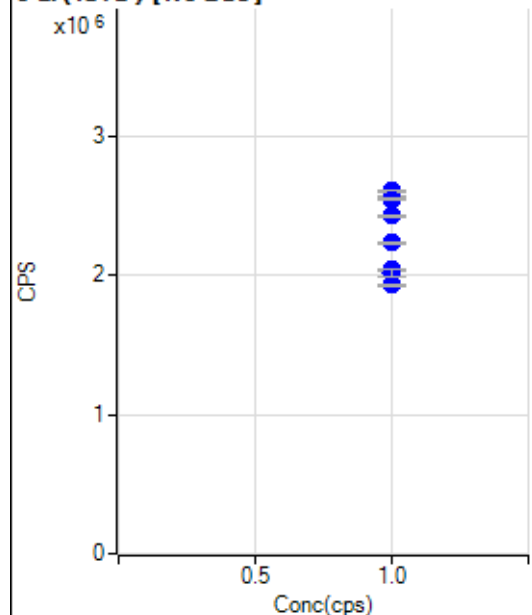
$$R = 0.9998$$

$$DL = 0.01037$$

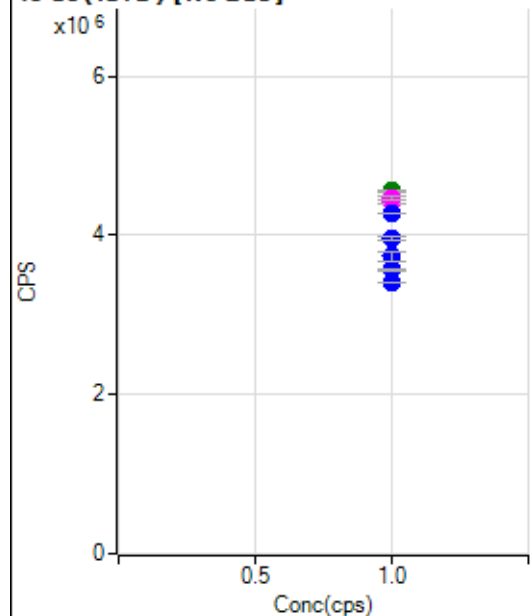
$$BEC = 0.09121$$

Weight: <None>

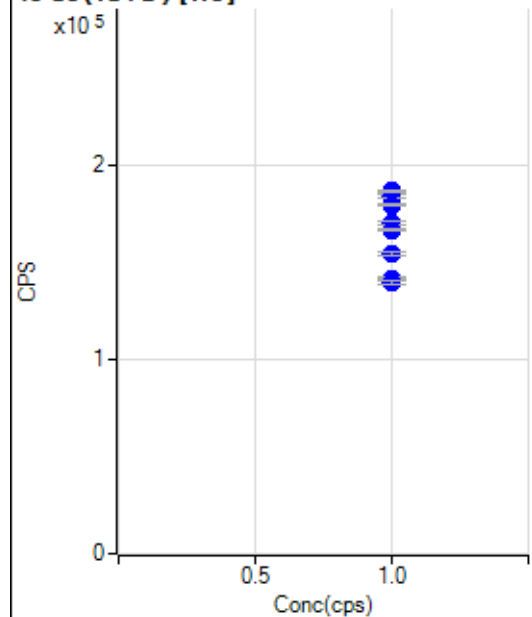
Min Conc: 0

6 Li (ISTD) [No Gas]

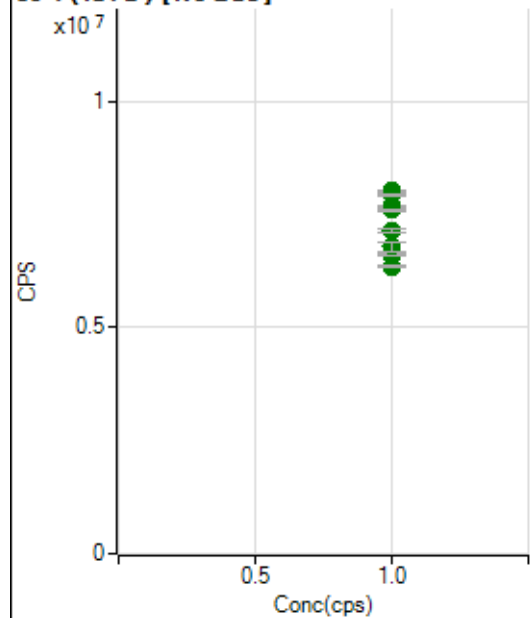
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2554813.36		P	0.7
2	☐	1.000					
3	☐	1.000		2605878.00		P	0.2
4	☐	1.000		2546622.91		P	0.5
5	☐	1.000		2426377.85		P	0.7
6	☐	1.000		2232280.33		P	0.7
7	☐	1.000		2040750.04		P	0.4
8	☐	1.000		1931026.00		P	0.5
9	☐	1.000		2022373.93		P	2.8

45 Sc (ISTD) [No Gas]

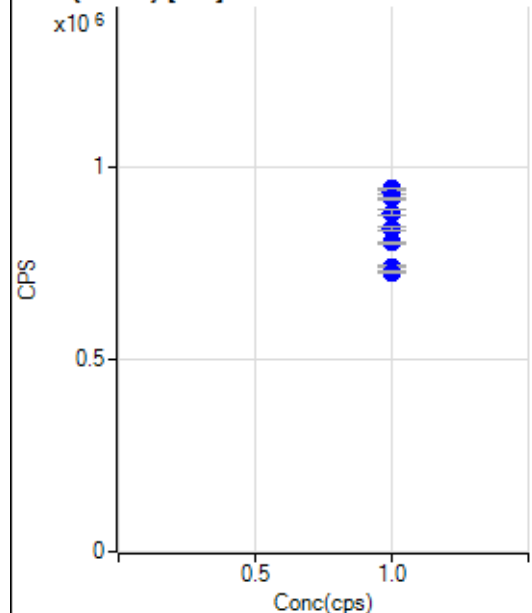
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		4414094.63		M	1.1
2	☐	1.000					
3	☐	1.000		4557372.93		A	0.3
4	☐	1.000		4468885.34		M	0.9
5	☐	1.000		4273374.53		P	0.4
6	☐	1.000		3956660.46		P	1.4
7	☐	1.000		3570678.07		P	0.6
8	☐	1.000		3404828.29		P	0.2
9	☐	1.000		3736680.90		P	3.0

45 Sc (ISTD) [He]

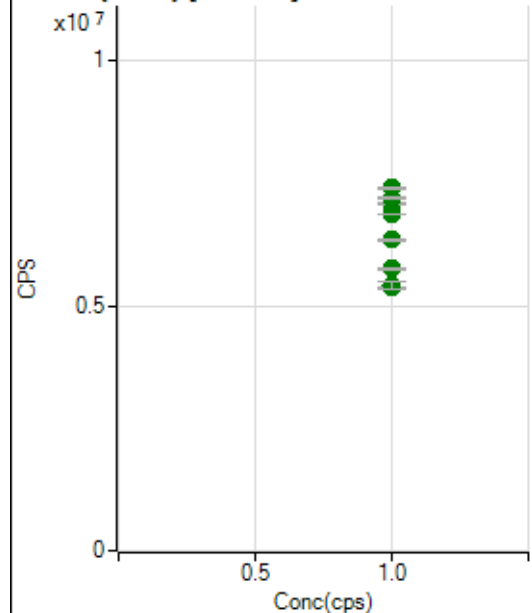
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		184621.21		P	1.3
2	☐	1.000					
3	☐	1.000		187178.18		P	0.7
4	☐	1.000		180016.80		P	0.8
5	☐	1.000		170393.96		P	1.3
6	☐	1.000		154814.31		P	1.1
7	☐	1.000		142162.90		P	0.6
8	☐	1.000		139872.55		P	0.8
9	☐	1.000		167065.65		P	0.2

89 Y (ISTD) [No Gas]

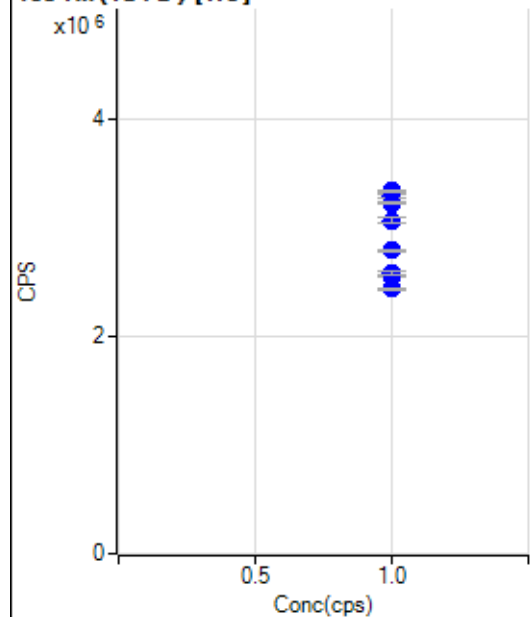
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7695980.51		A	0.5
2	☐	1.000					
3	☐	1.000		8022597.94		A	0.4
4	☐	1.000		7930641.06		A	0.7
5	☐	1.000		7607574.47		A	0.7
6	☐	1.000		7153883.64		A	0.9
7	☐	1.000		6603114.13		A	0.7
8	☐	1.000		6352122.69		A	0.3
9	☐	1.000		6783258.51		A	2.8

89 Y(ISTD) [He]

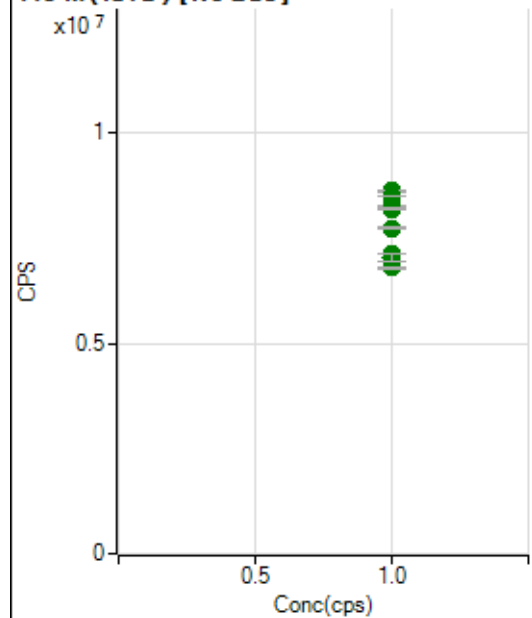
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		936533.12		P	1.0
2	☐	1.000					
3	☐	1.000		944247.87		P	0.5
4	☐	1.000		918471.95		P	0.5
5	☐	1.000		881858.44		P	1.8
6	☐	1.000		803651.27		P	0.6
7	☐	1.000		742924.84		P	0.4
8	☐	1.000		726459.96		P	0.7
9	☐	1.000		841360.78		P	1.0

103 Rh(ISTD) [No Gas]

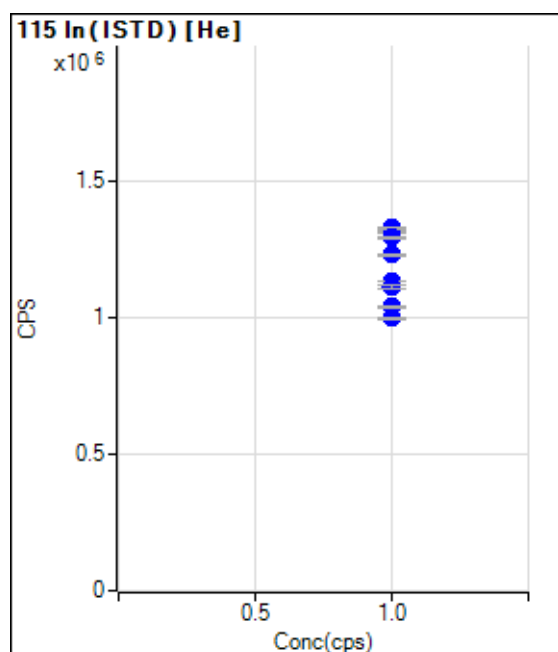
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7067810.66		A	0.4
2	☐	1.000					
3	☐	1.000		7399694.26		A	0.3
4	☐	1.000		7193736.27		A	0.4
5	☐	1.000		6868965.00		A	0.3
6	☐	1.000		6339170.06		A	0.6
7	☐	1.000		5746059.07		A	0.4
8	☐	1.000		5367638.36		A	0.4
9	☐	1.000		5413585.67		A	2.7

103 Rh (ISTD) [He]

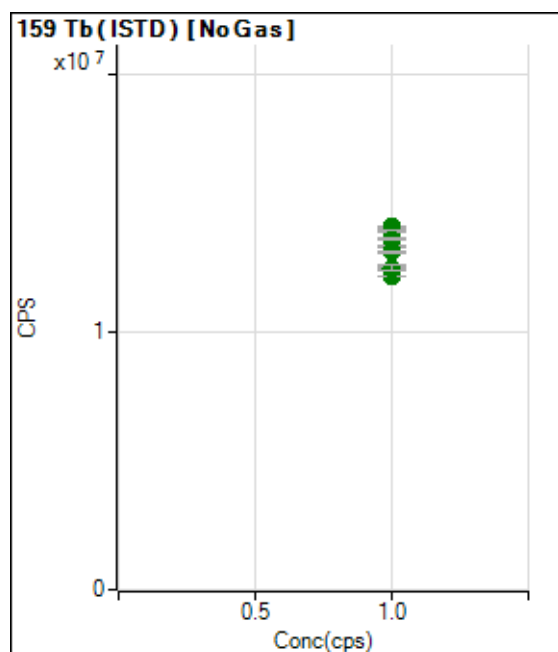
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3296400.82		P	0.9
2	☐	1.000					
3	☐	1.000		3340702.10		P	0.5
4	☐	1.000		3226680.99		P	0.3
5	☐	1.000		3072002.56		P	1.3
6	☐	1.000		2793603.08		P	0.4
7	☐	1.000		2550596.63		P	0.4
8	☐	1.000		2437202.81		P	0.6
9	☐	1.000		2585818.75		P	1.0

115 In (ISTD) [No Gas]

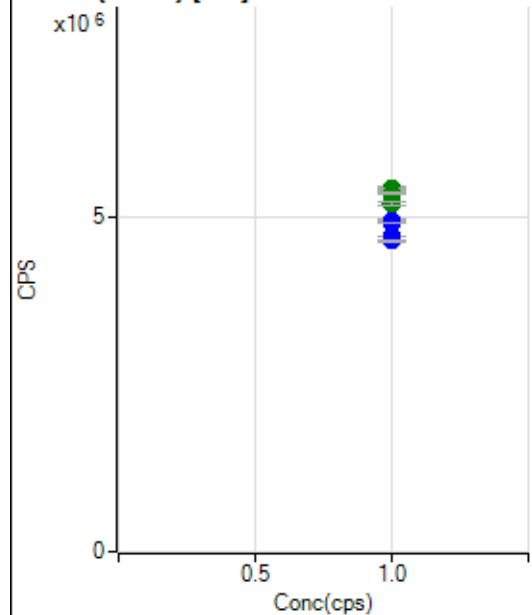
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8247867.52		A	0.9
2	☐	1.000					
3	☐	1.000		8618562.90		A	0.6
4	☐	1.000		8502445.84		A	0.0
5	☐	1.000		8198086.28		A	0.5
6	☐	1.000		7724523.03		A	0.5
7	☐	1.000		7143617.58		A	0.1
8	☐	1.000		6784887.78		A	0.3
9	☐	1.000		7033943.97		A	2.4



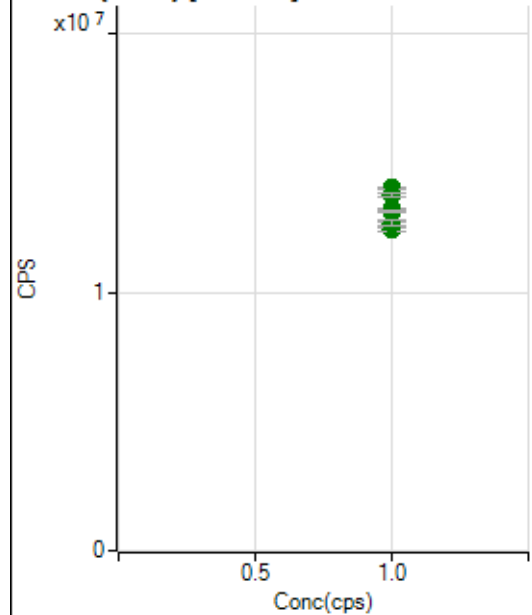
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1313565.22		P	0.7
2	☐	1.000					
3	☐	1.000		1327833.76		P	0.7
4	☐	1.000		1294167.09		P	0.5
5	☐	1.000		1229503.10		P	0.7
6	☐	1.000		1133231.19		P	0.3
7	☐	1.000		1039899.93		P	0.4
8	☐	1.000		997106.79		P	0.9
9	☐	1.000		1113349.05		P	1.3



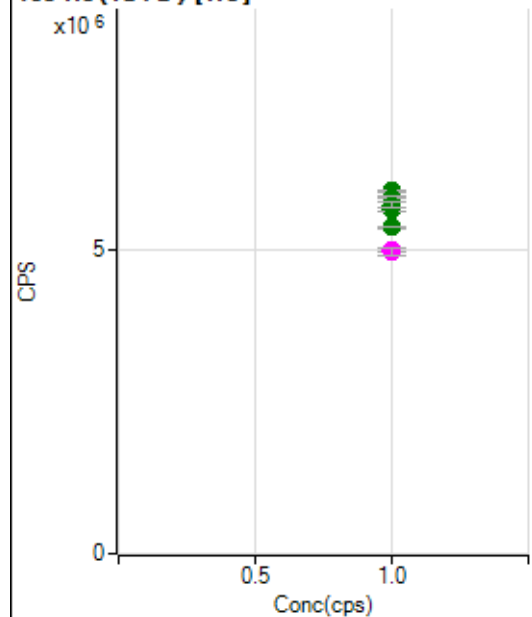
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13301657.30		A	0.5
2	☐	1.000					
3	☐	1.000		14085892.71		A	0.6
4	☐	1.000		13948940.90		A	0.5
5	☐	1.000		13620429.52		A	0.5
6	☐	1.000		13118598.14		A	0.8
7	☐	1.000		12503312.45		A	0.6
8	☐	1.000		12174693.43		A	0.1
9	☐	1.000		12491094.40		A	2.0

159 Tb (ISTD) [He]

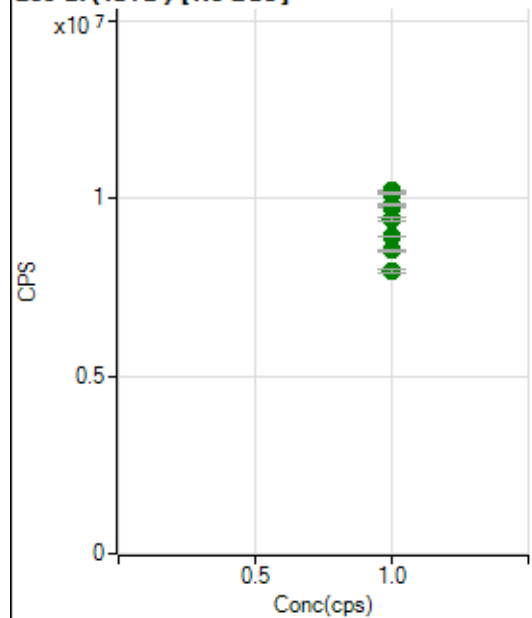
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5427002.21		A	1.0
2	☐	1.000					
3	☐	1.000		5416838.46		A	0.4
4	☐	1.000		5359593.08		A	0.5
5	☐	1.000		5208598.26		A	1.1
6	☐	1.000		4957474.79		P	0.8
7	☐	1.000		4707837.32		P	0.2
8	☐	1.000		4652701.42		P	0.4
9	☐	1.000		4919332.15		P	0.3

165 Ho (ISTD) [No Gas]

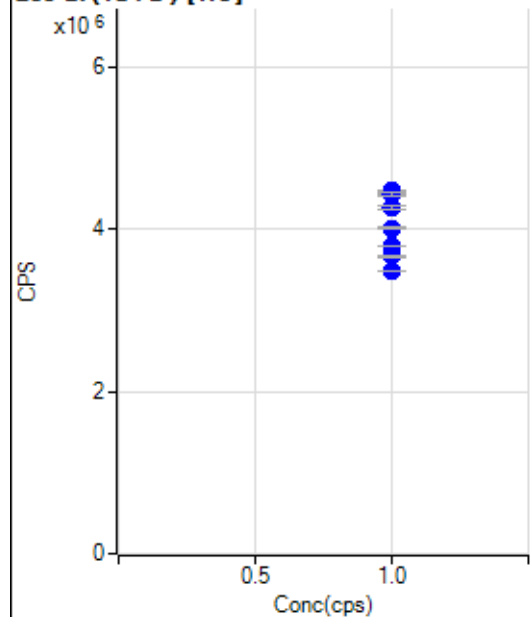
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		13257391.70		A	0.5
2	☐	1.000					
3	☐	1.000		14050630.00		A	0.5
4	☐	1.000		14000490.94		A	0.5
5	☐	1.000		13778283.47		A	0.6
6	☐	1.000		13132425.47		A	0.3
7	☐	1.000		12646709.23		A	0.9
8	☐	1.000		12455532.05		A	1.0
9	☐	1.000		12683632.40		A	1.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5663603.60		A	1.0
2	☐	1.000					
3	☐	1.000		5958938.18		A	0.7
4	☐	1.000		5857322.27		A	0.4
5	☐	1.000		5732247.62		A	1.1
6	☐	1.000		5363813.81		A	0.5
7	☐	1.000		4995054.47		M	1.6
8	☐	1.000		4955083.71		M	2.2
9	☐	1.000		5374702.35		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9758161.11		A	0.5
2	☐	1.000					
3	☐	1.000		10211928.53		A	0.2
4	☐	1.000		10142880.96		A	0.3
5	☐	1.000		9806149.50		A	0.5
6	☐	1.000		9417426.60		A	1.2
7	☐	1.000		8924381.47		A	0.1
8	☐	1.000		8534077.58		A	0.4
9	☐	1.000		7942968.70		A	1.4

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4430407.54		P	0.4
2	☐	1.000					
3	☐	1.000		4468882.09		P	0.3
4	☐	1.000		4429056.43		P	0.6
5	☐	1.000		4260432.58		P	0.8
6	☐	1.000		4009186.33		P	0.9
7	☐	1.000		3788048.42		P	0.3
8	☐	1.000		3661316.51		P	0.3
9	☐	1.000		3477715.36		P	0.1

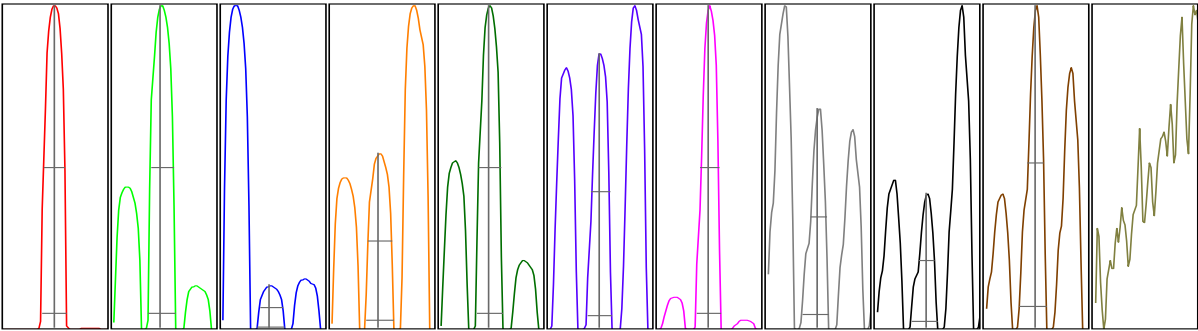
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7101419 MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	7845	2.23	5.00		
24	90296	1.72	5.00		
25	12122	2.05	5.00		
26	14219	2.04	5.00		
59	58611	1.88	5.00		
113	9571	1.40	5.00		
115	112022	1.65	5.00		
206	36529	1.16	5.00		
207	33576	1.20	5.00		
208	80009	1.12	5.00		
220	127	2.62			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	7955	8005	7953	7625	7686
24	91071	91279	91787	88127	89215
25	12297	12300	12301	11786	11925
26	14397	14376	14497	13825	14000
59	59305	59216	59602	57011	57923
113	9582	9586	9771	9405	9509
115	111999	112829	114623	109822	110837
206	36328	36569	37123	35978	36648
207	33099	33629	34098	33264	33788
208	79228	80285	81266	79055	80213
220	123	125	124	129	131

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	13046	9.00	8.9 - 9.1		0.742	0.900	
24	141939	23.90	23.9 - 24.1		0.790	0.900	
25	19071	24.90	24.9 - 25.1		0.792	0.900	
26	22095	25.90	25.9 - 26.1		0.830	0.900	
59	100255	58.95	58.9 - 59.1		0.781	0.900	
113	18747	113.00	112.9 - 113.1		0.728	0.900	
115	219369	115.00	114.9 - 115.1		0.729	0.900	
206	75858	206.00	205.9 - 206.1		0.773	0.900	
207	68765	207.00	206.9 - 207.1		0.772	0.900	
208	164316	208.00	207.9 - 208.1		0.782	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	5.6	V	Deflect	12.2	V
Extract 2	-100.0	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	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	14841	0.43	
89	19544	0.31	
205	27928	0.19	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	14902	14847	14901	14803	14755
89	19601	19547	19607	19497	19469
205	27968	27872	27955	27980	27867

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.0	V	Deflect	0.8	V
Extract 2	-110.0	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 : LB105687 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:29:29 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.05	0.04	-0.09	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	-0.06	-0.05	0.11	0.00	N/A	ppb
Barium	135-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Barium	137-1	-0.01	0.01	0.00	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	0.19	-0.36	0.17	0.00	N/A	ppb
Boron	11-1	-0.08	-0.01	0.09	0.00	N/A	ppb
Cadmium	111-1	0.01	-0.03	0.03	0.00	N/A	ppb
Cadmium	106-1	0.05	-0.39	0.34	0.00	N/A	ppb
Cadmium	108-1	-0.04	-0.01	0.05	0.00	N/A	ppb
Calcium	43-1	1.19	-0.63	-0.56	0.00	N/A	ppb
Calcium	44-1	-0.20	0.25	-0.05	0.00	N/A	ppb
Chromium	52-2	0.01	-0.02	0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.01	0.01	0.00	N/A	ppb
Copper	63-2	0.00	-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	-0.06	0.02	0.04	0.00	N/A	ppb
Iron	57-2	-0.26	-0.12	0.38	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	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	0.13	0.00	-0.14	0.00	N/A	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:29:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	94-1	0.02	0.00	-0.03	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.01	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	-0.02	0.02	0.00	N/A	ppb
Phosphorus	31-2	-31.49	-25.46	-37.74	-31.57		ppb
Potassium	39-2	0.20	-1.72	1.52	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.23	0.11	0.12	0.00	N/A	ppb
Selenium	82-1	-0.02	-0.08	0.09	0.00	N/A	ppb
Silicon	28-1	-0.36	0.32	0.05	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	-0.69	0.27	0.41	0.00	N/A	ppb
Strontium	86-1	0.04	-0.02	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-32.75	53.65	149.50	56.80	160.50	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.04	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.02	-0.01	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:29:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.04	0.02	0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:37:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.81	20.01	23.17	21.33	7.71	ppb
Antimony	121-1	2.15	2.11	2.14	2.13	0.94	ppb
Arsenic	75-1	0.89	1.04	0.82	0.92	12.21	ppb
Barium	135-1	10.71	10.94	10.84	10.83	1.06	ppb
Barium	137-1	10.81	10.68	11.08	10.85	1.92	ppb
Beryllium	9-1	1.09	1.09	1.04	1.07	2.77	ppb
Bismuth	209-1				105		%
Bismuth	209-2				101		%
Boron	10-1	24.99	25.49	27.06	25.85	4.19	ppb
Boron	11-1	25.09	25.19	25.04	25.10	0.30	ppb
Cadmium	111-1	1.03	1.11	0.92	1.02	9.41	ppb
Cadmium	106-1	0.19	0.56	-0.08	0.22	144.07	ppb
Cadmium	108-1	1.25	0.78	1.43	1.15	28.98	ppb
Calcium	43-1	530.33	514.51	516.89	520.58	1.64	ppb
Calcium	44-1	537.04	529.79	531.67	532.84	0.71	ppb
Chromium	52-2	2.11	2.09	2.23	2.14	3.33	ppb
Cobalt	59-2	1.08	1.14	1.06	1.09	3.68	ppb
Copper	63-2	2.31	2.20	2.12	2.21	4.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	61.07	60.66	60.78	60.84	0.35	ppb
Iron	57-2	64.65	62.93	60.24	62.61	3.54	ppb
Krypton	83-1						cps
Lead	206-1	1.00	1.01	0.98	1.00	1.39	ppb
Lead	207-1	0.98	0.98	1.01	0.99	1.94	ppb
Lead	208-1	0.98	0.98	1.00	0.99	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	560.65	561.23	570.45	564.11	0.98	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:37:34	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.11	1.12	1.09	3.21	ppb
Molybdenum	94-1	5.12	5.11	5.07	5.10	0.48	ppb
Molybdenum	95-1	5.29	5.21	5.42	5.31	1.95	ppb
Molybdenum	96-1	5.47	5.18	5.18	5.27	3.14	ppb
Molybdenum	97-1	5.65	5.33	5.30	5.43	3.59	ppb
Molybdenum	98-1	5.27	5.42	5.21	5.30	2.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.13	0.83	1.11	1.02	16.16	ppb
Phosphorus	31-2	34.22	39.47	21.00	31.57	30.16	ppb
Potassium	39-2	526.46	521.92	518.78	522.39	0.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	5.61	6.35	7.08	6.35	11.59	ppb
Selenium	78-2	7.44	7.03	5.99	6.82	10.94	ppb
Selenium	82-1	5.20	4.61	6.32	5.38	16.10	ppb
Silicon	28-1	11.38	11.83	11.44	11.55	2.08	ppb
Silver	109-1	0.68	0.76	0.65	0.70	8.05	ppb
Silver	107-1	0.72	0.77	0.71	0.73	3.89	ppb
Sodium	23-2	540.49	535.65	537.03	537.72	0.46	ppb
Strontium	86-1	1.07	1.06	1.02	1.05	2.47	ppb
Strontium	88-1	1.00	1.07	1.01	1.03	3.62	ppb
Sulfur	34-1	-54.55	-74.92	-40.93	-56.80		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.98	1.03	1.03	1.01	2.58	ppb
Thallium	205-1	0.99	1.00	0.98	0.99	1.17	ppb
Thorium	232-1	0.84	0.84	0.84	0.84	0.27	ppb
Tin	118-1	5.68	5.74	5.75	5.73	0.68	ppb
Titanium	47-1	5.40	5.93	5.46	5.60	5.15	ppb
Uranium	238-1	0.94	0.93	0.92	0.93	0.93	ppb
Vanadium	51-2	5.53	5.55	5.60	5.56	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:37:34	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.11	2.65	2.27	2.34	11.86	ppb
Zirconium	90-1	0.94	0.92	0.93	0.93	1.40	ppb
Zirconium	91-1	0.86	0.97	0.95	0.93	5.82	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:41:28 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1059.56	1075.48	1061.29	1065.44	0.82	ppb
Antimony	121-1	54.80	54.25	54.48	54.51	0.50	ppb
Arsenic	75-1	55.72	56.78	56.28	56.26	0.94	ppb
Barium	135-1	271.20	270.08	269.94	270.40	0.26	ppb
Barium	137-1	271.13	267.11	273.68	270.64	1.22	ppb
Beryllium	9-1	53.85	54.28	53.72	53.95	0.54	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	52.50	51.27	52.05	51.94	1.21	ppb
Boron	11-1	52.04	52.09	52.85	52.33	0.87	ppb
Cadmium	111-1	57.80	58.86	58.62	58.43	0.95	ppb
Cadmium	106-1	54.45	57.59	60.18	57.41	5.00	ppb
Cadmium	108-1	60.32	57.73	58.75	58.93	2.21	ppb
Calcium	43-1	5494.40	5347.44	5412.63	5418.16	1.36	ppb
Calcium	44-1	5385.36	5388.20	5350.96	5374.84	0.39	ppb
Chromium	52-2	54.24	53.31	53.89	53.81	0.87	ppb
Cobalt	59-2	56.01	55.49	54.97	55.49	0.93	ppb
Copper	63-2	114.51	113.80	113.20	113.84	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				99		%
Iron	56-2	2864.35	2861.08	2834.81	2853.41	0.57	ppb
Iron	57-2	2879.91	2895.72	2852.50	2876.04	0.76	ppb
Krypton	83-1						cps
Lead	206-1	51.00	51.22	50.92	51.05	0.30	ppb
Lead	207-1	50.60	51.15	50.47	50.74	0.71	ppb
Lead	208-1	50.49	50.70	50.60	50.60	0.22	ppb
Lithium	6-1				100		%
Magnesium	24-2	5551.20	5609.21	5550.94	5570.45	0.60	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:41:28	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.30	108.60	106.10	107.33	1.17	ppb
Molybdenum	94-1	259.22	260.11	259.63	259.65	0.17	ppb
Molybdenum	95-1	260.14	263.84	260.72	261.57	0.76	ppb
Molybdenum	96-1	260.11	261.68	260.47	260.76	0.32	ppb
Molybdenum	97-1	258.58	259.55	260.49	259.54	0.37	ppb
Molybdenum	98-1	259.97	262.11	262.73	261.60	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	56.37	56.23	56.51	56.37	0.24	ppb
Phosphorus	31-2	967.66	974.02	1082.21	1007.96	6.39	ppb
Potassium	39-2	2668.91	2697.77	2680.08	2682.26	0.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	56.07	60.55	68.97	61.86	10.58	ppb
Selenium	78-2	57.90	59.46	56.63	58.00	2.44	ppb
Selenium	82-1	54.10	54.23	56.06	54.80	1.99	ppb
Silicon	28-1	54.81	54.15	54.45	54.47	0.61	ppb
Silver	109-1	58.91	59.16	59.97	59.35	0.93	ppb
Silver	107-1	59.18	58.98	59.74	59.30	0.66	ppb
Sodium	23-2	5507.72	5516.19	5415.07	5479.66	1.02	ppb
Strontium	86-1	51.38	52.96	52.94	52.43	1.74	ppb
Strontium	88-1	52.22	51.87	51.45	51.84	0.74	ppb
Sulfur	34-1	1162.21	1216.79	1189.44	1189.48	2.29	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	50.64	51.45	50.17	50.75	1.28	ppb
Thallium	205-1	50.05	50.52	49.72	50.10	0.81	ppb
Thorium	232-1	47.30	47.73	47.39	47.47	0.48	ppb
Tin	118-1	55.42	56.53	55.68	55.88	1.04	ppb
Titanium	47-1	264.63	266.37	263.53	264.84	0.54	ppb
Uranium	238-1	47.33	47.72	47.55	47.54	0.41	ppb
Vanadium	51-2	53.40	53.08	52.68	53.05	0.68	ppb
Yttrium	89-1				103		%
Yttrium	89-2				98		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:41:28	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	112.38	112.66	111.55	112.20	0.51	ppb
Zirconium	90-1	51.89	51.30	51.64	51.61	0.57	ppb
Zirconium	91-1	52.14	52.55	52.74	52.47	0.59	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2548.72	2543.73	2539.93	2544.13	0.17	ppb
Antimony	121-1	131.76	132.27	129.16	131.06	1.27	ppb
Arsenic	75-1	135.81	134.00	136.93	135.58	1.09	ppb
Barium	135-1	649.63	650.48	643.22	647.78	0.61	ppb
Barium	137-1	644.43	646.92	643.20	644.85	0.29	ppb
Beryllium	9-1	127.17	130.31	128.53	128.67	1.23	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	123.99	124.27	124.36	124.20	0.16	ppb
Boron	11-1	123.34	124.28	124.37	124.00	0.46	ppb
Cadmium	111-1	139.11	138.37	140.09	139.19	0.62	ppb
Cadmium	106-1	138.09	142.38	139.22	139.89	1.59	ppb
Cadmium	108-1	140.52	143.14	138.49	140.72	1.66	ppb
Calcium	43-1	13463.07	13048.48	13000.39	13170.65	1.93	ppb
Calcium	44-1	12957.42	12788.82	12766.92	12837.72	0.81	ppb
Chromium	52-2	129.95	129.42	131.38	130.25	0.78	ppb
Cobalt	59-2	131.87	134.63	132.77	133.09	1.06	ppb
Copper	63-2	270.26	273.42	270.61	271.43	0.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	6813.47	6858.20	6847.83	6839.84	0.34	ppb
Iron	57-2	6817.71	6982.63	6925.72	6908.69	1.21	ppb
Krypton	83-1						cps
Lead	206-1	125.30	125.51	125.18	125.33	0.13	ppb
Lead	207-1	125.31	123.56	124.50	124.45	0.70	ppb
Lead	208-1	123.99	123.53	123.57	123.70	0.21	ppb
Lithium	6-1				95		%
Magnesium	24-2	13454.45	13570.63	13538.52	13521.20	0.44	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.92	257.79	256.31	256.34	0.56	ppb
Molybdenum	94-1	634.62	627.70	631.04	631.12	0.55	ppb
Molybdenum	95-1	639.14	633.52	635.64	636.10	0.45	ppb
Molybdenum	96-1	635.36	628.96	632.59	632.31	0.51	ppb
Molybdenum	97-1	631.80	627.38	628.84	629.34	0.36	ppb
Molybdenum	98-1	631.41	628.69	630.31	630.13	0.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	133.78	135.55	133.39	134.24	0.86	ppb
Phosphorus	31-2	2591.52	2690.34	2617.43	2633.10	1.95	ppb
Potassium	39-2	6450.12	6358.28	6456.40	6421.60	0.86	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				92		%
Selenium	77-2	129.66	142.51	123.31	131.82	7.42	ppb
Selenium	78-2	135.06	136.57	145.84	139.15	4.19	ppb
Selenium	82-1	133.78	133.10	131.85	132.91	0.74	ppb
Silicon	28-1	129.41	129.11	130.44	129.65	0.54	ppb
Silver	109-1	140.41	138.33	139.18	139.31	0.75	ppb
Silver	107-1	140.17	139.94	139.42	139.84	0.27	ppb
Sodium	23-2	13293.45	13428.58	13325.98	13349.34	0.53	ppb
Strontium	86-1	127.41	125.62	127.65	126.90	0.87	ppb
Strontium	88-1	124.43	124.72	125.04	124.73	0.24	ppb
Sulfur	34-1	2605.01	2562.94	2584.26	2584.07	0.81	ppb
Terbium	159-1				102		%
Terbium	159-2				96		%
Thallium	203-1	123.36	123.21	125.18	123.92	0.89	ppb
Thallium	205-1	121.06	121.51	123.11	121.89	0.89	ppb
Thorium	232-1	116.31	115.81	116.25	116.12	0.24	ppb
Tin	118-1	134.43	134.47	134.05	134.32	0.17	ppb
Titanium	47-1	640.22	636.28	628.45	634.98	0.94	ppb
Uranium	238-1	115.95	115.41	116.12	115.83	0.32	ppb
Vanadium	51-2	128.39	129.13	129.02	128.85	0.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	268.79	269.60	273.43	270.60	0.92	ppb
Zirconium	90-1	126.22	125.66	124.90	125.59	0.53	ppb
Zirconium	91-1	128.86	128.24	128.42	128.51	0.25	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:49:13	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5022.46	5132.25	4964.57	5039.76	1.69	ppb
Antimony	121-1	257.23	254.75	253.59	255.19	0.73	ppb
Arsenic	75-1	266.62	255.74	263.32	261.90	2.13	ppb
Barium	135-1	1250.84	1256.95	1251.17	1252.99	0.27	ppb
Barium	137-1	1252.84	1247.10	1246.67	1248.87	0.28	ppb
Beryllium	9-1	258.27	257.19	258.74	258.07	0.31	ppb
Bismuth	209-1				97		%
Bismuth	209-2				90		%
Boron	10-1	243.15	249.09	255.36	249.20	2.45	ppb
Boron	11-1	244.60	249.52	254.53	249.55	1.99	ppb
Cadmium	111-1	267.75	269.21	266.09	267.68	0.58	ppb
Cadmium	106-1	266.21	272.22	261.79	266.74	1.96	ppb
Cadmium	108-1	265.24	268.52	267.49	267.08	0.63	ppb
Calcium	43-1	26097.84	26371.34	25960.14	26143.11	0.80	ppb
Calcium	44-1	25729.95	26091.02	25805.24	25875.40	0.74	ppb
Chromium	52-2	255.99	259.20	256.28	257.16	0.69	ppb
Cobalt	59-2	255.93	262.58	258.09	258.87	1.31	ppb
Copper	63-2	523.89	539.55	524.18	529.21	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				95		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	13450.48	13702.11	13450.10	13534.23	1.07	ppb
Iron	57-2	13495.19	13834.11	13648.37	13659.22	1.24	ppb
Krypton	83-1						cps
Lead	206-1	244.87	243.75	243.21	243.94	0.35	ppb
Lead	207-1	246.90	245.20	244.28	245.46	0.54	ppb
Lead	208-1	243.40	242.78	241.35	242.51	0.43	ppb
Lithium	6-1				87		%
Magnesium	24-2	26511.38	26855.10	26490.65	26619.04	0.77	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:49:13 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.56	512.67	508.59	509.94	0.46	ppb
Molybdenum	94-1	1231.98	1246.03	1251.77	1243.26	0.82	ppb
Molybdenum	95-1	1241.77	1248.24	1240.17	1243.39	0.34	ppb
Molybdenum	96-1	1241.25	1236.40	1236.53	1238.06	0.22	ppb
Molybdenum	97-1	1226.91	1238.35	1226.78	1230.68	0.54	ppb
Molybdenum	98-1	1252.62	1262.49	1251.80	1255.63	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	261.47	267.16	258.00	262.21	1.76	ppb
Phosphorus	31-2	5316.49	5196.97	5053.23	5188.90	2.54	ppb
Potassium	39-2	12615.75	12792.41	12535.05	12647.74	1.04	ppb
Rhodium	103-1				90		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				84		%
Selenium	77-2	286.11	271.09	244.33	267.17	7.92	ppb
Selenium	78-2	277.79	265.04	264.79	269.21	2.76	ppb
Selenium	82-1	261.98	263.57	261.17	262.24	0.47	ppb
Silicon	28-1	251.90	256.51	257.64	255.35	1.19	ppb
Silver	109-1	265.19	265.46	264.13	264.93	0.27	ppb
Silver	107-1	267.33	265.01	264.93	265.76	0.51	ppb
Sodium	23-2	26366.71	26976.98	26302.52	26548.74	1.40	ppb
Strontium	86-1	251.57	253.52	253.06	252.72	0.40	ppb
Strontium	88-1	245.34	244.05	244.34	244.58	0.28	ppb
Sulfur	34-1	5073.46	5399.59	5218.78	5230.61	3.12	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	238.88	245.21	241.71	241.93	1.31	ppb
Thallium	205-1	243.72	244.89	242.86	243.82	0.42	ppb
Thorium	232-1	240.44	240.46	238.71	239.87	0.42	ppb
Tin	118-1	263.14	261.41	260.90	261.81	0.45	ppb
Titanium	47-1	1254.04	1258.16	1250.59	1254.26	0.30	ppb
Uranium	238-1	241.12	241.76	239.66	240.85	0.45	ppb
Vanadium	51-2	253.21	257.01	251.87	254.03	1.05	ppb
Yttrium	89-1				93		%
Yttrium	89-2				86		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:49:13	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	524.14	541.13	528.19	531.15	1.67	ppb
Zirconium	90-1	248.14	249.68	249.67	249.16	0.36	ppb
Zirconium	91-1	250.74	255.80	257.92	254.82	1.45	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:53:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10186.12	10025.00	10051.79	10087.64	0.86	ppb
Antimony	121-1	494.38	494.92	500.77	496.69	0.71	ppb
Arsenic	75-1	505.93	512.25	510.87	509.68	0.65	ppb
Barium	135-1	2429.14	2430.58	2446.03	2435.25	0.38	ppb
Barium	137-1	2490.25	2492.71	2522.35	2501.77	0.71	ppb
Beryllium	9-1	504.23	505.32	505.67	505.07	0.15	ppb
Bismuth	209-1				91		%
Bismuth	209-2				86		%
Boron	10-1	489.01	494.47	502.83	495.44	1.40	ppb
Boron	11-1	493.03	496.50	502.12	497.22	0.92	ppb
Cadmium	111-1	510.54	515.43	519.57	515.18	0.88	ppb
Cadmium	106-1	510.29	510.87	520.20	513.78	1.08	ppb
Cadmium	108-1	519.17	513.63	514.47	515.76	0.58	ppb
Calcium	43-1	52176.35	52980.12	52623.54	52593.34	0.77	ppb
Calcium	44-1	51891.03	52124.44	52377.99	52131.15	0.47	ppb
Chromium	52-2	511.20	505.03	504.45	506.89	0.74	ppb
Cobalt	59-2	512.75	506.82	510.49	510.02	0.59	ppb
Copper	63-2	1037.53	1022.25	1035.76	1031.85	0.81	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				88		%
Indium	115-1				87		%
Indium	115-2				79		%
Iron	56-2	27174.04	26737.81	26719.80	26877.22	0.96	ppb
Iron	57-2	27309.40	26828.75	27022.86	27053.67	0.89	ppb
Krypton	83-1						cps
Lead	206-1	482.90	485.39	484.32	484.20	0.26	ppb
Lead	207-1	487.71	485.84	485.05	486.20	0.28	ppb
Lead	208-1	489.52	491.27	489.83	490.21	0.19	ppb
Lithium	6-1				80		%
Magnesium	24-2	54176.79	53609.45	53651.52	53812.59	0.59	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:53:01	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.90	1013.48	1013.66	1015.01	0.25	ppb
Molybdenum	94-1	2481.96	2533.40	2488.88	2501.41	1.12	ppb
Molybdenum	95-1	2490.90	2528.21	2485.85	2501.65	0.92	ppb
Molybdenum	96-1	2494.00	2519.36	2488.20	2500.52	0.66	ppb
Molybdenum	97-1	2405.98	2445.88	2417.50	2423.12	0.85	ppb
Molybdenum	98-1	2496.32	2531.91	2498.88	2509.04	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.99	505.59	509.22	510.27	1.03	ppb
Phosphorus	31-2	10229.04	10238.24	10263.98	10243.75	0.18	ppb
Potassium	39-2	25620.70	25290.53	25308.67	25406.63	0.73	ppb
Rhodium	103-1				81		%
Rhodium	103-2				77		%
Scandium	45-1				81		%
Scandium	45-2				77		%
Selenium	77-2	491.89	514.98	534.12	513.66	4.12	ppb
Selenium	78-2	514.25	509.21	508.00	510.49	0.65	ppb
Selenium	82-1	510.04	516.31	507.84	511.40	0.86	ppb
Silicon	28-1	502.96	504.65	508.98	505.53	0.61	ppb
Silver	109-1	496.30	497.94	496.93	497.06	0.17	ppb
Silver	107-1	492.99	500.78	500.05	497.94	0.86	ppb
Sodium	23-2	53567.74	52956.85	52645.35	53056.64	0.88	ppb
Strontium	86-1	499.64	504.89	497.27	500.60	0.78	ppb
Strontium	88-1	498.95	499.94	498.40	499.10	0.16	ppb
Sulfur	34-1	10243.32	10237.35	10106.16	10195.61	0.76	ppb
Terbium	159-1				94		%
Terbium	159-2				87		%
Thallium	203-1	481.81	479.17	481.13	480.70	0.29	ppb
Thallium	205-1	494.93	494.15	492.51	493.86	0.25	ppb
Thorium	232-1	485.97	492.23	488.59	488.93	0.64	ppb
Tin	118-1	504.74	503.08	508.96	505.59	0.60	ppb
Titanium	47-1	2524.81	2500.10	2497.98	2507.63	0.59	ppb
Uranium	238-1	488.48	491.02	487.03	488.85	0.41	ppb
Vanadium	51-2	504.89	497.92	502.31	501.71	0.70	ppb
Yttrium	89-1				86		%
Yttrium	89-2				79		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:53:01	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1049.61	1040.40	1039.86	1043.29	0.53	ppb
Zirconium	90-1	488.93	494.79	490.23	491.32	0.63	ppb
Zirconium	91-1	503.01	509.12	503.87	505.34	0.65	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:56:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20282.82	19694.13	19805.35	19927.43	1.57	ppb
Antimony	121-1	1002.10	1002.98	993.05	999.37	0.55	ppb
Arsenic	75-1	996.96	995.06	979.63	990.55	0.96	ppb
Barium	135-1	5007.62	5060.17	5015.49	5027.76	0.56	ppb
Barium	137-1	4987.61	5039.36	4960.68	4995.88	0.80	ppb
Beryllium	9-1	996.21	996.00	992.16	994.79	0.23	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	997.99	1007.00	1002.40	1002.46	0.45	ppb
Boron	11-1	985.37	1009.99	1009.16	1001.51	1.40	ppb
Cadmium	111-1	984.98	989.35	983.06	985.80	0.33	ppb
Cadmium	106-1	989.93	989.00	981.14	986.69	0.49	ppb
Cadmium	108-1	980.91	982.10	993.30	985.44	0.69	ppb
Calcium	43-1	104289.76	105806.17	103254.51	104450.15	1.23	ppb
Calcium	44-1	104559.59	105221.24	104382.69	104721.17	0.42	ppb
Chromium	52-2	996.17	986.84	998.74	993.92	0.63	ppb
Cobalt	59-2	994.48	986.09	993.89	991.49	0.47	ppb
Copper	63-2	1985.50	1948.31	1986.40	1973.40	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				87		%
Indium	115-1				82		%
Indium	115-2				76		%
Iron	56-2	53586.90	52705.38	52910.86	53067.71	0.87	ppb
Iron	57-2	53321.23	52555.32	53258.09	53044.88	0.80	ppb
Krypton	83-1						cps
Lead	206-1	1014.62	1015.06	998.27	1009.32	0.95	ppb
Lead	207-1	1009.68	1011.93	1002.59	1008.07	0.48	ppb
Lead	208-1	1009.20	1012.48	999.03	1006.90	0.70	ppb
Lithium	6-1				76		%
Magnesium	24-2	107042.80	105021.52	105869.50	105977.94	0.96	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:56:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2009.04	1963.76	1993.75	1988.85	1.16	ppb
Molybdenum	94-1	4960.64	5051.20	4987.36	4999.73	0.93	ppb
Molybdenum	95-1	4977.63	5045.56	4973.39	4998.86	0.81	ppb
Molybdenum	96-1	4975.54	5052.60	4975.68	5001.27	0.89	ppb
Molybdenum	97-1	5028.48	5091.43	5006.84	5042.25	0.87	ppb
Molybdenum	98-1	4981.12	5019.15	4978.28	4992.85	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	995.50	982.47	993.05	990.34	0.70	ppb
Phosphorus	31-2	19567.51	19618.63	20255.45	19813.86	1.93	ppb
Potassium	39-2	50102.97	49673.82	50062.90	49946.57	0.47	ppb
Rhodium	103-1				76		%
Rhodium	103-2				74		%
Scandium	45-1				77		%
Scandium	45-2				76		%
Selenium	77-2	1026.15	998.49	937.63	987.42	4.59	ppb
Selenium	78-2	991.29	985.49	986.55	987.78	0.31	ppb
Selenium	82-1	987.98	989.40	992.65	990.01	0.24	ppb
Silicon	28-1	993.27	1002.41	989.55	995.08	0.66	ppb
Silver	109-1	993.79	997.17	995.49	995.48	0.17	ppb
Silver	107-1	988.56	997.12	998.64	994.77	0.55	ppb
Sodium	23-2	107096.50	105090.58	105423.52	105870.20	1.02	ppb
Strontium	86-1	1000.15	1004.79	991.05	998.66	0.70	ppb
Strontium	88-1	1003.09	1004.61	997.55	1001.75	0.37	ppb
Sulfur	34-1	19840.31	19863.68	19769.69	19824.56	0.25	ppb
Terbium	159-1				92		%
Terbium	159-2				86		%
Thallium	203-1	1014.09	1019.25	1001.95	1011.76	0.88	ppb
Thallium	205-1	1003.44	1012.28	999.27	1005.00	0.66	ppb
Thorium	232-1	1013.25	1015.57	999.10	1009.30	0.88	ppb
Tin	118-1	976.20	1025.28	976.89	992.79	2.83	ppb
Titanium	47-1	4987.05	5015.81	4976.54	4993.13	0.41	ppb
Uranium	238-1	1008.99	1019.59	998.82	1009.14	1.03	ppb
Vanadium	51-2	1002.88	989.81	999.82	997.50	0.68	ppb
Yttrium	89-1				83		%
Yttrium	89-2				78		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:56:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1970.52	1951.13	1980.50	1967.38	0.76	ppb
Zirconium	90-1	1003.13	1007.71	1002.35	1004.40	0.29	ppb
Zirconium	91-1	989.46	1002.34	994.89	995.56	0.65	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99111.83	100039.64	100854.54	100002.00	0.87	ppb
Antimony	121-1	1.53	1.47	1.57	1.52	3.07	ppb
Arsenic	75-1	1.56	1.58	1.32	1.49	9.62	ppb
Barium	135-1	0.93	0.84	0.90	0.89	5.24	ppb
Barium	137-1	0.96	0.93	0.89	0.93	3.45	ppb
Beryllium	9-1	0.16	0.11	0.14	0.13	19.51	ppb
Bismuth	209-1				81		%
Bismuth	209-2				78		%
Boron	10-1	38.21	36.35	33.92	36.16	5.95	ppb
Boron	11-1	39.83	37.39	35.47	37.56	5.81	ppb
Cadmium	111-1	0.11	0.12	0.19	0.14	31.05	ppb
Cadmium	106-1	-0.91	-0.54	-0.55	-0.66		ppb
Cadmium	108-1	0.38	0.36	0.15	0.30	43.99	ppb
Calcium	43-1	498596.73	498769.98	498950.84	498772.51	0.04	ppb
Calcium	44-1	499080.97	498690.88	498588.12	498786.66	0.05	ppb
Chromium	52-2	34.16	35.21	34.83	34.73	1.52	ppb
Cobalt	59-2	11.82	11.96	11.73	11.84	0.98	ppb
Copper	63-2	3.46	3.45	3.57	3.49	1.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				85		%
Iron	56-2	248682.57	248665.03	250038.63	249128.74	0.32	ppb
Iron	57-2	248875.19	248552.38	249894.83	249107.47	0.28	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.24	1.24	1.23	0.91	ppb
Lead	207-1	1.27	1.22	1.19	1.23	3.47	ppb
Lead	208-1	1.24	1.21	1.21	1.22	1.63	ppb
Lithium	6-1				79		%
Magnesium	24-2	494129.30	499846.03	500957.39	498310.90	0.74	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.90	7.01	6.51	6.81	3.84	ppb
Molybdenum	94-1	3.94	4.08	4.13	4.05	2.42	ppb
Molybdenum	95-1	5.64	5.65	5.43	5.57	2.17	ppb
Molybdenum	96-1	5.28	5.36	5.42	5.35	1.33	ppb
Molybdenum	97-1	5.61	5.33	5.10	5.35	4.81	ppb
Molybdenum	98-1	5.40	5.18	5.36	5.32	2.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.34	30.51	31.17	31.01	1.41	ppb
Phosphorus	31-2	-16.18	-9.33	-9.32	-11.61		ppb
Potassium	39-2	249246.72	248766.97	251855.74	249956.48	0.66	ppb
Rhodium	103-1				77		%
Rhodium	103-2				78		%
Scandium	45-1				85		%
Scandium	45-2				90		%
Selenium	77-2	2.39	0.00	0.78	1.06	115.30	ppb
Selenium	78-2	0.98	0.72	0.44	0.71	38.36	ppb
Selenium	82-1	0.49	0.09	-0.29	0.10	400.80	ppb
Silicon	28-1	55.97	56.77	56.34	56.36	0.71	ppb
Silver	109-1	0.21	0.19	0.18	0.19	10.25	ppb
Silver	107-1	0.20	0.20	0.20	0.20	1.47	ppb
Sodium	23-2	494408.91	499786.18	501055.28	498416.79	0.71	ppb
Strontium	86-1	3.75	3.98	4.14	3.96	4.96	ppb
Strontium	88-1	3.99	4.03	4.01	4.01	0.43	ppb
Sulfur	34-1	842.47	894.51	822.92	853.30	4.34	ppb
Terbium	159-1				94		%
Terbium	159-2				91		%
Thallium	203-1	0.41	0.38	0.34	0.38	9.55	ppb
Thallium	205-1	0.37	0.36	0.31	0.34	8.21	ppb
Thorium	232-1	0.26	0.26	0.24	0.25	5.32	ppb
Tin	118-1	0.40	0.48	0.46	0.45	9.40	ppb
Titanium	47-1	2.01	1.87	1.95	1.94	3.71	ppb
Uranium	238-1	0.12	0.11	0.13	0.12	6.60	ppb
Vanadium	51-2	0.21	0.25	0.22	0.23	10.77	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	24.65	24.18	25.04	24.62	1.75	ppb
Zirconium	90-1	0.26	0.25	0.26	0.26	2.20	ppb
Zirconium	91-1	0.24	0.27	0.30	0.27	10.47	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:51:28	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	469.99	478.98	486.91	478.63	1.77	ppb
Antimony	121-1	196.54	190.84	195.41	194.26	1.55	ppb
Arsenic	75-1	206.94	199.82	204.22	203.66	1.76	ppb
Barium	135-1	98.90	97.74	99.13	98.59	0.76	ppb
Barium	137-1	100.24	96.88	99.73	98.95	1.83	ppb
Beryllium	9-1	95.45	94.28	94.85	94.86	0.62	ppb
Bismuth	209-1				102		%
Bismuth	209-2				94		%
Boron	10-1	525.15	516.77	544.84	528.92	2.72	ppb
Boron	11-1	523.33	520.51	543.87	529.24	2.41	ppb
Cadmium	111-1	109.41	105.98	109.24	108.21	1.79	ppb
Cadmium	106-1	215.13	209.74	212.28	212.38	1.27	ppb
Cadmium	108-1	193.25	188.35	189.04	190.21	1.39	ppb
Calcium	43-1	2381.30	2304.62	2278.01	2321.31	2.31	ppb
Calcium	44-1	2165.06	2135.18	2158.89	2153.04	0.73	ppb
Chromium	52-2	97.87	97.58	98.12	97.86	0.28	ppb
Cobalt	59-2	100.78	101.32	101.86	101.32	0.53	ppb
Copper	63-2	104.15	102.71	103.68	103.51	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				97		%
Indium	115-1				100		%
Indium	115-2				89		%
Iron	56-2	1061.79	1066.06	1069.57	1065.81	0.37	ppb
Iron	57-2	1063.99	1061.98	1067.24	1064.40	0.25	ppb
Krypton	83-1						cps
Lead	206-1	209.24	204.75	208.55	207.51	1.17	ppb
Lead	207-1	207.79	202.56	207.43	205.93	1.42	ppb
Lead	208-1	205.05	200.74	204.91	203.57	1.20	ppb
Lithium	6-1				94		%
Magnesium	24-2	1251.08	1252.60	1252.88	1252.19	0.08	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:51:28	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.46	94.85	96.32	95.54	0.77	ppb
Molybdenum	94-1	2547.21	2491.12	2544.91	2527.75	1.26	ppb
Molybdenum	95-1	2532.12	2478.82	2501.81	2504.25	1.07	ppb
Molybdenum	96-1	2526.27	2472.90	2502.38	2500.52	1.07	ppb
Molybdenum	97-1	2447.12	2366.92	2405.25	2406.43	1.67	ppb
Molybdenum	98-1	2533.98	2446.65	2500.39	2493.67	1.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	104.60	102.99	102.34	103.31	1.13	ppb
Phosphorus	31-2	-16.09	-15.86	-22.81	-18.26		ppb
Potassium	39-2	1973.62	1957.69	1983.03	1971.44	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	194.79	219.44	217.26	210.50	6.48	ppb
Selenium	78-2	208.00	204.82	205.25	206.02	0.84	ppb
Selenium	82-1	201.12	194.89	203.62	199.88	2.25	ppb
Silicon	28-1	13.78	14.83	15.96	14.86	7.33	ppb
Silver	109-1	96.03	93.93	95.61	95.19	1.17	ppb
Silver	107-1	98.26	93.64	96.57	96.15	2.43	ppb
Sodium	23-2	2026.54	2051.23	2058.28	2045.35	0.81	ppb
Strontium	86-1	536.67	520.74	529.46	528.96	1.51	ppb
Strontium	88-1	527.76	521.17	526.01	524.98	0.65	ppb
Sulfur	34-1	281.17	63.40	99.21	147.93	78.94	ppb
Terbium	159-1				103		%
Terbium	159-2				92		%
Thallium	203-1	206.41	202.16	205.41	204.66	1.09	ppb
Thallium	205-1	200.61	196.36	199.19	198.72	1.09	ppb
Thorium	232-1	56.78	55.44	56.84	56.35	1.41	ppb
Tin	118-1	540.31	524.78	535.39	533.49	1.49	ppb
Titanium	47-1	2561.45	2526.13	2545.70	2544.43	0.70	ppb
Uranium	238-1	537.02	525.87	540.75	534.55	1.45	ppb
Vanadium	51-2	94.55	94.98	97.00	95.51	1.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				89		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:51:28	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	208.41	209.33	210.83	209.53	0.58	ppb
Zirconium	90-1	524.40	510.75	523.74	519.63	1.48	ppb
Zirconium	91-1	522.68	512.11	520.90	518.57	1.09	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.82	18.49	18.22	18.84	4.54	ppb
Antimony	121-1	2.05	2.02	2.11	2.06	2.14	ppb
Arsenic	75-1	1.37	0.92	0.76	1.02	30.92	ppb
Barium	135-1	10.24	10.75	10.45	10.48	2.42	ppb
Barium	137-1	10.09	10.63	10.30	10.34	2.67	ppb
Beryllium	9-1	1.08	0.95	0.92	0.99	8.84	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	26.55	27.01	27.39	26.98	1.56	ppb
Boron	11-1	26.54	27.77	27.32	27.21	2.29	ppb
Cadmium	111-1	0.94	1.10	0.90	0.98	10.60	ppb
Cadmium	106-1	-0.42	0.11	-0.28	-0.19		ppb
Cadmium	108-1	0.96	0.96	1.08	1.00	6.72	ppb
Calcium	43-1	521.54	500.11	481.09	500.91	4.04	ppb
Calcium	44-1	504.80	513.88	512.52	510.40	0.96	ppb
Chromium	52-2	1.82	2.00	1.85	1.89	5.10	ppb
Cobalt	59-2	1.02	1.03	1.04	1.03	0.59	ppb
Copper	63-2	2.12	2.25	2.13	2.17	3.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				105		%
Indium	115-1				108		%
Indium	115-2				101		%
Iron	56-2	58.11	58.39	58.71	58.41	0.52	ppb
Iron	57-2	52.02	58.39	58.91	56.44	6.80	ppb
Krypton	83-1						cps
Lead	206-1	0.90	0.87	0.98	0.92	6.18	ppb
Lead	207-1	0.89	0.96	0.95	0.93	4.43	ppb
Lead	208-1	0.90	0.94	0.96	0.94	3.11	ppb
Lithium	6-1				105		%
Magnesium	24-2	545.43	561.65	546.33	551.14	1.65	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	0.97	1.03	1.00	3.49	ppb
Molybdenum	94-1	4.93	5.02	4.83	4.93	1.97	ppb
Molybdenum	95-1	5.07	4.85	5.12	5.01	2.82	ppb
Molybdenum	96-1	4.99	5.02	4.96	4.99	0.68	ppb
Molybdenum	97-1	5.07	5.03	4.79	4.96	3.01	ppb
Molybdenum	98-1	4.94	5.13	5.04	5.04	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.04	1.04	1.08	1.05	2.08	ppb
Phosphorus	31-2	44.23	29.54	13.37	29.05	53.14	ppb
Potassium	39-2	526.26	526.24	507.76	520.09	2.05	ppb
Rhodium	103-1				106		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	7.02	4.26	6.97	6.08	26.00	ppb
Selenium	78-2	6.29	7.30	6.01	6.53	10.40	ppb
Selenium	82-1	5.32	5.71	6.29	5.77	8.46	ppb
Silicon	28-1	9.91	9.62	9.71	9.75	1.53	ppb
Silver	109-1	1.10	1.14	1.17	1.13	2.95	ppb
Silver	107-1	1.11	1.10	1.18	1.13	4.00	ppb
Sodium	23-2	532.45	529.80	534.81	532.35	0.47	ppb
Strontium	86-1	1.18	0.96	0.89	1.01	14.73	ppb
Strontium	88-1	0.97	0.99	1.00	0.98	1.77	ppb
Sulfur	34-1	598.51	522.48	550.29	557.09	6.91	ppb
Terbium	159-1				108		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.96	0.92	0.95	2.63	ppb
Thallium	205-1	0.94	0.93	0.94	0.94	0.67	ppb
Thorium	232-1	0.85	0.87	0.85	0.86	1.13	ppb
Tin	118-1	5.38	5.59	5.74	5.57	3.19	ppb
Titanium	47-1	5.04	5.36	4.96	5.12	4.17	ppb
Uranium	238-1	0.86	0.89	0.87	0.87	2.10	ppb
Vanadium	51-2	5.17	5.36	5.23	5.25	1.81	ppb
Yttrium	89-1				107		%
Yttrium	89-2				101		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.22	2.33	2.24	2.26	2.68	ppb
Zirconium	90-1	0.92	0.91	0.92	0.92	1.07	ppb
Zirconium	91-1	0.91	0.86	0.88	0.88	2.85	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:22:18 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	-0.23	-0.10	-0.15		ppb
Antimony	121-1	0.00	0.01	0.00	0.00	94.47	ppb
Arsenic	75-1	0.10	0.02	0.02	0.05	94.59	ppb
Barium	135-1	-0.03	0.00	-0.04	-0.03		ppb
Barium	137-1	-0.03	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	-0.02	-0.03	-0.02	-0.03		ppb
Bismuth	209-1				107		%
Bismuth	209-2				102		%
Boron	10-1	3.77	3.64	3.43	3.62	4.71	ppb
Boron	11-1	3.76	3.90	3.51	3.72	5.25	ppb
Cadmium	111-1	-0.03	-0.22	-0.04	-0.10		ppb
Cadmium	106-1	-0.26	-2.57	-0.42	-1.08		ppb
Cadmium	108-1	-0.04	0.01	-0.04	-0.02		ppb
Calcium	43-1	-1.03	-2.81	-1.10	-1.65		ppb
Calcium	44-1	1.01	1.84	1.42	1.42	29.16	ppb
Chromium	52-2	-0.03	0.00	-0.04	-0.02		ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	-0.01	0.00	0.00	0.00		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				109		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				102		%
Iron	56-2	-0.15	-0.06	-0.02	-0.08		ppb
Iron	57-2	-0.44	0.77	0.16	0.17	366.76	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	207-1	-0.02	-0.01	0.00	-0.01		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				105		%
Magnesium	24-2	0.21	-0.07	0.30	0.15	132.23	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:22:18	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.03	0.01	0.03	0.02	48.77	ppb
Molybdenum	95-1	0.01	0.01	-0.01	0.00	293.32	ppb
Molybdenum	96-1	-0.02	0.00	0.00	0.00		ppb
Molybdenum	97-1	0.01	0.00	0.00	0.00	97.94	ppb
Molybdenum	98-1	0.01	0.00	0.00	0.00	188.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.06	-0.08	-0.06		ppb
Phosphorus	31-2	-34.90	-13.67	-35.03	-27.87		ppb
Potassium	39-2	5.70	6.43	2.79	4.97	38.77	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				103		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.35	-0.01	0.33	-0.01		ppb
Selenium	82-1	-0.36	-0.34	-0.35	-0.35		ppb
Silicon	28-1	0.16	0.06	0.27	0.16	63.47	ppb
Silver	109-1	0.00	0.00	0.00	0.00	36.78	ppb
Silver	107-1	0.00	0.01	0.00	0.01	61.19	ppb
Sodium	23-2	5.26	4.91	5.51	5.23	5.80	ppb
Strontium	86-1	-0.03	0.05	0.00	0.01	484.67	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	59.29	ppb
Sulfur	34-1	475.22	522.59	462.71	486.84	6.49	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.00	0.00	0.00	1022.67	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.01	0.00	0.01	0.01	54.74	ppb
Tin	118-1	0.01	0.00	0.01	0.01	125.87	ppb
Titanium	47-1	0.00	0.05	-0.03	0.01	666.63	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:22:18	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.09	-0.13	-0.09		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	291.96	ppb
Zirconium	91-1	0.04	0.00	-0.01	0.01	227.78	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:25:53	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93156.12	92897.00	93584.44	93212.52	0.37	ppb
Antimony	121-1	1.09	1.14	1.18	1.13	4.07	ppb
Arsenic	75-1	0.94	1.16	0.98	1.03	11.68	ppb
Barium	135-1	1.40	1.61	1.35	1.45	9.59	ppb
Barium	137-1	1.72	1.69	1.48	1.63	7.93	ppb
Beryllium	9-1	0.24	0.28	0.26	0.26	7.59	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	3.51	3.34	3.30	3.38	3.31	ppb
Boron	11-1	3.66	3.37	3.84	3.62	6.60	ppb
Cadmium	111-1	-0.25	-0.08	-0.12	-0.15		ppb
Cadmium	106-1	-2.51	-2.03	-1.97	-2.17		ppb
Cadmium	108-1	24.71	23.00	23.07	23.59	4.12	ppb
Calcium	43-1	105387.07	105634.78	103923.70	104981.85	0.88	ppb
Calcium	44-1	104792.79	105495.94	104125.52	104804.75	0.65	ppb
Chromium	52-2	21.10	21.57	21.87	21.51	1.82	ppb
Cobalt	59-2	1.29	1.23	1.18	1.23	4.35	ppb
Copper	63-2	8.40	8.24	8.27	8.30	1.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	105474.52	105109.51	105191.34	105258.46	0.18	ppb
Iron	57-2	103577.94	104063.56	104452.26	104031.25	0.42	ppb
Krypton	83-1						cps
Lead	206-1	4.87	4.96	4.84	4.89	1.29	ppb
Lead	207-1	4.55	4.45	4.58	4.52	1.49	ppb
Lead	208-1	4.61	4.53	4.59	4.58	0.87	ppb
Lithium	6-1				88		%
Magnesium	24-2	106747.31	105871.12	107440.62	106686.35	0.74	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:25:53	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.48	8.67	8.64	8.60	1.19	ppb
Molybdenum	94-1	1312.11	1320.20	1314.99	1315.76	0.31	ppb
Molybdenum	95-1	1924.41	1933.75	1926.91	1928.36	0.25	ppb
Molybdenum	96-1	1851.61	1842.92	1844.62	1846.39	0.25	ppb
Molybdenum	97-1	1852.08	1858.34	1854.61	1855.01	0.17	ppb
Molybdenum	98-1	1915.48	1932.14	1931.07	1926.23	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.36	6.77	6.29	6.47	3.98	ppb
Phosphorus	31-2	100110.39	99706.58	100978.23	100265.06	0.65	ppb
Potassium	39-2	102249.49	102621.94	102253.00	102374.81	0.21	ppb
Rhodium	103-1				87		%
Rhodium	103-2				86		%
Scandium	45-1				91		%
Scandium	45-2				91		%
Selenium	77-2	0.79	0.00	0.00	0.26	173.21	ppb
Selenium	78-2	0.32	0.81	0.17	0.43	77.55	ppb
Selenium	82-1	0.28	-0.47	0.48	0.10	513.21	ppb
Silicon	28-1	28.38	29.27	28.10	28.58	2.13	ppb
Silver	109-1	0.03	0.04	0.03	0.04	20.74	ppb
Silver	107-1	0.03	0.02	0.04	0.03	32.72	ppb
Sodium	23-2	106107.07	105333.51	106724.63	106055.07	0.66	ppb
Strontium	86-1	35.98	35.02	35.62	35.54	1.36	ppb
Strontium	88-1	34.53	34.66	34.79	34.66	0.36	ppb
Sulfur	34-1	95970.88	94130.38	93224.05	94441.77	1.48	ppb
Terbium	159-1				101		%
Terbium	159-2				93		%
Thallium	203-1	0.07	0.08	0.06	0.07	14.76	ppb
Thallium	205-1	0.04	0.05	0.06	0.05	22.42	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	23.04	ppb
Tin	118-1	0.32	0.27	0.31	0.30	9.82	ppb
Titanium	47-1	2111.56	2118.73	2085.92	2105.40	0.82	ppb
Uranium	238-1	0.01	0.01	0.02	0.02	34.71	ppb
Vanadium	51-2	0.19	0.15	0.17	0.17	9.70	ppb
Yttrium	89-1				95		%
Yttrium	89-2				91		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:25:53	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	12.23	12.68	12.44	12.45	1.80	ppb
Zirconium	90-1	0.07	0.05	0.06	0.06	16.09	ppb
Zirconium	91-1	0.07	0.08	0.06	0.07	11.65	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93348.06	94864.10	91909.90	93374.02	1.58	ppb
Antimony	121-1	21.37	21.15	21.11	21.21	0.67	ppb
Arsenic	75-1	21.58	22.81	21.85	22.08	2.92	ppb
Barium	135-1	21.75	21.61	21.70	21.69	0.31	ppb
Barium	137-1	21.76	21.69	21.86	21.77	0.40	ppb
Beryllium	9-1	20.07	20.05	20.06	20.06	0.05	ppb
Bismuth	209-1				95		%
Bismuth	209-2				89		%
Boron	10-1	60.47	62.70	64.26	62.48	3.04	ppb
Boron	11-1	61.59	62.91	64.51	63.00	2.32	ppb
Cadmium	111-1	20.32	19.86	20.00	20.06	1.17	ppb
Cadmium	106-1	24.48	24.30	26.57	25.12	5.00	ppb
Cadmium	108-1	45.14	46.67	49.46	47.09	4.66	ppb
Calcium	43-1	103202.53	103625.81	105400.73	104076.36	1.12	ppb
Calcium	44-1	103894.60	103974.04	105496.30	104454.98	0.86	ppb
Chromium	52-2	41.64	42.01	40.90	41.52	1.36	ppb
Cobalt	59-2	21.13	21.61	21.00	21.24	1.50	ppb
Copper	63-2	28.18	29.02	28.30	28.50	1.59	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				100		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	105061.68	106678.79	104453.27	105397.91	1.09	ppb
Iron	57-2	103995.49	105106.24	103087.91	104063.21	0.97	ppb
Krypton	83-1						cps
Lead	206-1	25.57	25.16	25.40	25.38	0.81	ppb
Lead	207-1	24.34	24.08	24.19	24.20	0.55	ppb
Lead	208-1	24.59	24.28	24.24	24.37	0.78	ppb
Lithium	6-1				90		%
Magnesium	24-2	106763.01	108490.99	105245.41	106833.13	1.52	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.54	28.10	27.46	27.70	1.26	ppb
Molybdenum	94-1	1429.64	1436.78	1424.87	1430.43	0.42	ppb
Molybdenum	95-1	1975.38	1980.68	1963.18	1973.08	0.45	ppb
Molybdenum	96-1	1906.66	1918.30	1903.06	1909.34	0.42	ppb
Molybdenum	97-1	1903.69	1911.82	1891.79	1902.43	0.53	ppb
Molybdenum	98-1	1947.80	1984.19	1958.81	1963.60	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.71	26.48	26.11	26.10	1.47	ppb
Phosphorus	31-2	100242.98	102013.76	99614.83	100623.86	1.24	ppb
Potassium	39-2	102679.91	103404.62	101883.53	102656.02	0.74	ppb
Rhodium	103-1				90		%
Rhodium	103-2				88		%
Scandium	45-1				96		%
Scandium	45-2				93		%
Selenium	77-2	22.15	22.14	11.49	18.59	33.07	ppb
Selenium	78-2	20.19	19.55	21.78	20.51	5.61	ppb
Selenium	82-1	19.97	19.42	20.09	19.82	1.80	ppb
Silicon	28-1	82.69	83.55	84.86	83.70	1.31	ppb
Silver	109-1	19.06	19.00	19.21	19.09	0.56	ppb
Silver	107-1	19.42	19.25	19.02	19.23	1.04	ppb
Sodium	23-2	106278.97	107238.68	104733.63	106083.76	1.19	ppb
Strontium	86-1	91.05	91.56	90.79	91.13	0.43	ppb
Strontium	88-1	89.55	89.59	88.66	89.27	0.59	ppb
Sulfur	34-1	93215.44	93475.55	94702.86	93797.95	0.85	ppb
Terbium	159-1				104		%
Terbium	159-2				95		%
Thallium	203-1	20.66	20.34	20.21	20.41	1.15	ppb
Thallium	205-1	20.49	20.18	20.12	20.26	0.98	ppb
Thorium	232-1	0.42	0.41	0.41	0.41	0.68	ppb
Tin	118-1	57.77	57.83	58.04	57.88	0.25	ppb
Titanium	47-1	2132.97	2163.49	2148.52	2148.33	0.71	ppb
Uranium	238-1	55.52	55.39	54.64	55.18	0.87	ppb
Vanadium	51-2	19.38	20.30	19.35	19.68	2.76	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.62	32.35	31.85	31.94	1.18	ppb
Zirconium	90-1	55.14	54.88	54.39	54.80	0.70	ppb
Zirconium	91-1	55.59	55.70	55.60	55.63	0.11	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51267.49	51494.05	51994.45	51585.33	0.72	ppb
Antimony	121-1	480.70	486.92	480.36	482.66	0.77	ppb
Arsenic	75-1	510.84	516.37	515.50	514.24	0.58	ppb
Barium	135-1	2439.67	2440.73	2422.92	2434.44	0.41	ppb
Barium	137-1	2505.92	2506.80	2475.40	2496.04	0.72	ppb
Beryllium	9-1	490.70	488.03	486.63	488.45	0.42	ppb
Bismuth	209-1				91		%
Bismuth	209-2				85		%
Boron	10-1	482.10	490.82	486.16	486.36	0.90	ppb
Boron	11-1	486.95	486.53	488.20	487.23	0.18	ppb
Cadmium	111-1	485.27	481.17	475.29	480.57	1.04	ppb
Cadmium	106-1	500.18	499.56	486.85	495.53	1.52	ppb
Cadmium	108-1	495.38	500.01	500.05	498.48	0.54	ppb
Calcium	43-1	248918.03	247852.73	249069.31	248613.36	0.27	ppb
Calcium	44-1	248323.79	249186.65	250111.17	249207.21	0.36	ppb
Chromium	52-2	497.11	505.11	506.15	502.79	0.98	ppb
Cobalt	59-2	477.46	488.51	490.59	485.52	1.45	ppb
Copper	63-2	993.74	1015.46	1014.02	1007.74	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				87		%
Iron	56-2	124982.58	126379.77	126270.22	125877.52	0.62	ppb
Iron	57-2	123412.67	125487.42	126140.21	125013.43	1.14	ppb
Krypton	83-1						cps
Lead	206-1	493.82	496.63	488.54	493.00	0.83	ppb
Lead	207-1	492.48	495.60	491.93	493.33	0.40	ppb
Lead	208-1	497.48	501.78	496.28	498.51	0.58	ppb
Lithium	6-1				87		%
Magnesium	24-2	250743.23	254390.78	253807.96	252980.66	0.77	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	952.59	967.58	966.23	962.13	0.86	ppb
Molybdenum	94-1	2464.20	2463.54	2467.98	2465.24	0.10	ppb
Molybdenum	95-1	2448.01	2439.88	2451.31	2446.40	0.24	ppb
Molybdenum	96-1	2446.25	2459.31	2456.13	2453.90	0.28	ppb
Molybdenum	97-1	2367.04	2372.04	2346.14	2361.74	0.58	ppb
Molybdenum	98-1	2443.67	2458.23	2445.31	2449.07	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	478.70	489.43	488.30	485.48	1.21	ppb
Phosphorus	31-2	9860.65	10013.55	9940.30	9938.17	0.77	ppb
Potassium	39-2	124240.27	126282.22	126769.72	125764.07	1.07	ppb
Rhodium	103-1				87		%
Rhodium	103-2				84		%
Scandium	45-1				94		%
Scandium	45-2				92		%
Selenium	77-2	486.92	452.16	495.66	478.24	4.81	ppb
Selenium	78-2	494.74	501.88	498.51	498.38	0.72	ppb
Selenium	82-1	488.15	485.86	485.55	486.52	0.29	ppb
Silicon	28-1	514.83	518.37	520.80	518.00	0.58	ppb
Silver	109-1	472.69	468.11	468.98	469.93	0.52	ppb
Silver	107-1	473.41	471.93	467.25	470.87	0.68	ppb
Sodium	23-2	251235.53	256927.03	254496.30	254219.62	1.12	ppb
Strontium	86-1	499.48	496.34	498.21	498.01	0.32	ppb
Strontium	88-1	494.68	492.24	495.58	494.17	0.35	ppb
Sulfur	34-1	10485.01	10349.31	10467.01	10433.78	0.71	ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	490.93	494.64	491.35	492.31	0.41	ppb
Thallium	205-1	499.34	510.24	501.55	503.71	1.14	ppb
Thorium	232-1	509.51	510.01	504.04	507.85	0.65	ppb
Tin	118-1	499.40	499.99	501.13	500.17	0.18	ppb
Titanium	47-1	2483.72	2479.64	2471.65	2478.34	0.25	ppb
Uranium	238-1	504.42	507.18	500.89	504.16	0.63	ppb
Vanadium	51-2	493.08	498.23	498.51	496.61	0.62	ppb
Yttrium	89-1				97		%
Yttrium	89-2				91		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	980.92	1006.53	999.57	995.68	1.33	ppb
Zirconium	90-1	498.87	501.24	480.11	493.41	2.35	ppb
Zirconium	91-1	500.87	496.98	498.60	498.81	0.39	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:37:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.15	2.64	1.22	2.33	42.91	ppb
Antimony	121-1	0.26	0.29	0.27	0.27	5.66	ppb
Arsenic	75-1	-0.11	0.08	0.05	0.01	1927.70	ppb
Barium	135-1	0.20	0.11	0.13	0.15	31.57	ppb
Barium	137-1	0.20	0.11	0.11	0.14	37.52	ppb
Beryllium	9-1	0.04	0.04	0.05	0.04	6.49	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	14.16	14.41	13.33	13.97	4.05	ppb
Boron	11-1	14.59	14.33	13.99	14.30	2.13	ppb
Cadmium	111-1	0.04	0.05	-0.07	0.01	1082.37	ppb
Cadmium	106-1	-0.05	0.15	-1.26	-0.38		ppb
Cadmium	108-1	0.06	0.01	0.01	0.03	102.62	ppb
Calcium	43-1	18.53	13.20	12.78	14.84	21.58	ppb
Calcium	44-1	22.92	18.97	17.45	19.78	14.26	ppb
Chromium	52-2	0.01	-0.03	0.01	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.15	0.10	0.13	0.13	20.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				103		%
Iron	56-2	6.52	5.99	5.60	6.04	7.68	ppb
Iron	57-2	5.76	6.97	5.86	6.20	10.86	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.09	0.09	0.10	15.43	ppb
Lead	207-1	0.17	0.12	0.10	0.13	25.44	ppb
Lead	208-1	0.14	0.11	0.11	0.12	14.33	ppb
Lithium	6-1				104		%
Magnesium	24-2	11.48	9.03	9.72	10.08	12.56	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:37:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.06	0.03	-0.01	0.03	116.31	ppb
Molybdenum	94-1	0.32	0.38	0.35	0.35	7.75	ppb
Molybdenum	95-1	0.39	0.41	0.34	0.38	9.70	ppb
Molybdenum	96-1	0.41	0.37	0.32	0.37	13.01	ppb
Molybdenum	97-1	0.39	0.37	0.35	0.37	6.04	ppb
Molybdenum	98-1	0.40	0.37	0.32	0.36	11.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.04	-0.11	-0.08		ppb
Phosphorus	31-2	-32.26	-32.22	-26.08	-30.19		ppb
Potassium	39-2	31.75	26.61	25.11	27.82	12.52	ppb
Rhodium	103-1				109		%
Rhodium	103-2				104		%
Scandium	45-1				109		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.44	1.25	0.21	0.63	85.95	ppb
Selenium	82-1	0.08	-0.73	0.01	-0.22		ppb
Silicon	28-1	1.81	1.67	1.65	1.71	5.11	ppb
Silver	109-1	0.04	0.05	0.05	0.05	12.08	ppb
Silver	107-1	0.04	0.04	0.04	0.04	2.31	ppb
Sodium	23-2	63.95	58.77	57.34	60.02	5.79	ppb
Strontium	86-1	0.00	0.00	0.02	0.01	98.38	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	20.37	ppb
Sulfur	34-1	744.42	755.32	758.26	752.67	0.97	ppb
Terbium	159-1				110		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.11	0.11	0.13	24.10	ppb
Thallium	205-1	0.15	0.12	0.10	0.12	20.12	ppb
Thorium	232-1	0.08	0.08	0.07	0.07	7.05	ppb
Tin	118-1	0.10	0.13	0.13	0.12	17.61	ppb
Titanium	47-1	0.22	0.19	0.24	0.22	11.26	ppb
Uranium	238-1	0.01	0.01	0.00	0.01	61.25	ppb
Vanadium	51-2	0.02	0.00	0.01	0.01	103.43	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:37:47	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.07	-0.20	-0.01	-0.05		ppb
Zirconium	90-1	0.06	0.06	0.03	0.05	27.45	ppb
Zirconium	91-1	0.05	0.02	0.02	0.03	58.91	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.73	21.29	19.72	20.58	3.88	ppb
Antimony	121-1	2.12	2.18	2.05	2.12	3.29	ppb
Arsenic	75-1	1.14	0.99	1.34	1.16	14.90	ppb
Barium	135-1	10.43	10.75	10.75	10.64	1.75	ppb
Barium	137-1	10.56	10.78	10.54	10.63	1.23	ppb
Beryllium	9-1	0.98	1.01	1.03	1.00	2.41	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	29.95	32.69	32.48	31.71	4.81	ppb
Boron	11-1	31.70	31.95	32.18	31.94	0.75	ppb
Cadmium	111-1	1.11	1.17	1.01	1.10	7.21	ppb
Cadmium	106-1	-0.48	1.49	0.14	0.38	262.81	ppb
Cadmium	108-1	0.84	0.99	1.00	0.94	9.57	ppb
Calcium	43-1	516.75	524.00	503.80	514.85	1.99	ppb
Calcium	44-1	520.86	523.38	516.40	520.21	0.68	ppb
Chromium	52-2	2.07	2.03	2.11	2.07	2.09	ppb
Cobalt	59-2	1.07	1.08	1.03	1.06	2.49	ppb
Copper	63-2	2.29	2.11	2.24	2.21	4.25	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				110		%
Holmium	165-2				106		%
Indium	115-1				111		%
Indium	115-2				103		%
Iron	56-2	62.04	61.27	61.19	61.50	0.76	ppb
Iron	57-2	65.97	61.67	59.83	62.49	5.04	ppb
Krypton	83-1						cps
Lead	206-1	1.02	1.04	1.02	1.03	1.14	ppb
Lead	207-1	0.99	0.96	1.03	1.00	3.65	ppb
Lead	208-1	1.01	1.03	1.02	1.02	0.70	ppb
Lithium	6-1				105		%
Magnesium	24-2	568.81	559.74	562.85	563.80	0.82	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.11	1.09	1.04	1.08	3.56	ppb
Molybdenum	94-1	5.09	4.97	5.19	5.08	2.15	ppb
Molybdenum	95-1	5.15	5.17	5.11	5.14	0.51	ppb
Molybdenum	96-1	5.03	5.22	5.06	5.10	2.03	ppb
Molybdenum	97-1	5.40	4.72	5.14	5.09	6.68	ppb
Molybdenum	98-1	5.13	4.94	5.02	5.03	1.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.06	0.94	0.99	6.21	ppb
Phosphorus	31-2	37.53	24.69	16.10	26.11	41.30	ppb
Potassium	39-2	553.53	546.42	534.91	544.96	1.72	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				110		%
Scandium	45-2				105		%
Selenium	77-2	6.24	5.50	3.47	5.07	28.32	ppb
Selenium	78-2	7.36	5.24	8.51	7.03	23.61	ppb
Selenium	82-1	5.06	5.08	5.78	5.31	7.77	ppb
Silicon	28-1	10.58	10.17	10.81	10.52	3.06	ppb
Silver	109-1	1.19	1.19	1.15	1.18	1.87	ppb
Silver	107-1	1.15	1.18	1.14	1.16	1.89	ppb
Sodium	23-2	576.74	567.32	578.13	574.06	1.02	ppb
Strontium	86-1	1.14	1.01	1.02	1.06	6.81	ppb
Strontium	88-1	0.97	0.98	1.02	0.99	2.91	ppb
Sulfur	34-1	938.03	889.69	969.27	932.33	4.30	ppb
Terbium	159-1				110		%
Terbium	159-2				101		%
Thallium	203-1	1.04	1.06	0.97	1.02	4.54	ppb
Thallium	205-1	0.96	0.99	0.98	0.97	1.46	ppb
Thorium	232-1	0.91	0.92	0.90	0.91	1.11	ppb
Tin	118-1	5.69	5.74	5.75	5.73	0.54	ppb
Titanium	47-1	5.28	5.27	5.06	5.21	2.38	ppb
Uranium	238-1	0.89	0.89	0.90	0.89	0.70	ppb
Vanadium	51-2	5.48	5.26	5.18	5.31	2.90	ppb
Yttrium	89-1				111		%
Yttrium	89-2				103		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.50	2.66	2.53	2.56	3.21	ppb
Zirconium	90-1	0.93	0.93	0.92	0.93	0.66	ppb
Zirconium	91-1	0.97	0.96	0.98	0.97	0.91	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : PB123808BL Instrumnet Name : P7
 Client Sample ID : PB123808BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:44:55 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.10	0.16	0.16	0.07	204.01	ppb
Antimony	121-1	0.03	0.04	0.04	0.03	11.63	ppb
Arsenic	75-1	-0.05	-0.05	0.08	-0.01		ppb
Barium	135-1	-0.03	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.03	-0.03	-0.02	-0.03		ppb
Beryllium	9-1	-0.01	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				101		%
Boron	10-1	6.29	5.91	5.67	5.96	5.22	ppb
Boron	11-1	6.15	6.50	6.44	6.36	2.93	ppb
Cadmium	111-1	-0.05	-0.16	-0.15	-0.12		ppb
Cadmium	106-1	-0.51	-1.82	-1.77	-1.37		ppb
Cadmium	108-1	-0.07	-0.01	0.06	-0.01		ppb
Calcium	43-1	-0.21	0.24	-2.89	-0.95		ppb
Calcium	44-1	2.19	3.61	4.40	3.40	32.95	ppb
Chromium	52-2	-0.01	0.00	0.01	0.00	968.01	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.06	0.07	0.08	0.07	10.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				102		%
Iron	56-2	0.47	0.51	0.49	0.49	4.23	ppb
Iron	57-2	1.09	0.76	0.90	0.91	18.15	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.01	0.02	31.85	ppb
Lead	207-1	0.03	0.04	0.02	0.03	20.84	ppb
Lead	208-1	0.03	0.03	0.03	0.03	13.14	ppb
Lithium	6-1				104		%
Magnesium	24-2	1.41	0.62	0.67	0.90	49.22	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BL	Instrumnet Name :	P7
Client Sample ID :	PB123808BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:44:55	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	0.00	-0.01		ppb
Molybdenum	94-1	0.07	0.05	0.06	0.06	14.85	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.03	25.59	ppb
Molybdenum	96-1	0.02	0.03	0.03	0.03	14.07	ppb
Molybdenum	97-1	0.02	0.03	0.05	0.03	40.06	ppb
Molybdenum	98-1	0.03	0.04	0.04	0.04	14.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.05	-0.06	-0.06		ppb
Phosphorus	31-2	-31.89	-32.06	-41.12	-35.02		ppb
Potassium	39-2	20.33	17.76	12.99	17.02	21.88	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				108		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.13	0.22	0.45	0.18	160.02	ppb
Selenium	82-1	-0.17	0.06	-0.12	-0.08		ppb
Silicon	28-1	0.59	0.41	0.73	0.58	27.52	ppb
Silver	109-1	0.01	0.01	0.00	0.01	51.60	ppb
Silver	107-1	0.01	0.01	0.01	0.01	17.23	ppb
Sodium	23-2	23.03	22.73	23.36	23.04	1.36	ppb
Strontium	86-1	0.04	-0.04	0.01	0.01	530.80	ppb
Strontium	88-1	0.00	0.00	0.01	0.00	240.78	ppb
Sulfur	34-1	944.82	920.89	851.58	905.76	5.35	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.03	0.03	0.03	17.11	ppb
Thallium	205-1	0.03	0.03	0.02	0.03	27.57	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.47	ppb
Tin	118-1	0.01	0.01	0.03	0.02	66.99	ppb
Titanium	47-1	0.00	0.04	0.03	0.02	94.41	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BL	Instrumnet Name :	P7
Client Sample ID :	PB123808BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:44:55	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	0.08	0.01	0.01	934.39	ppb
Zirconium	90-1	0.02	0.01	0.00	0.01	93.50	ppb
Zirconium	91-1	0.03	0.02	0.02	0.02	14.21	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10170.21	10190.42	10155.96	10172.19	0.17	ppb
Antimony	121-1	515.42	513.06	517.98	515.49	0.48	ppb
Arsenic	75-1	520.07	525.63	518.64	521.44	0.71	ppb
Barium	135-1	2545.33	2514.37	2537.13	2532.28	0.63	ppb
Barium	137-1	2623.06	2581.39	2620.23	2608.22	0.89	ppb
Beryllium	9-1	507.03	511.58	505.72	508.11	0.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				94		%
Boron	10-1	483.53	491.36	499.24	491.38	1.60	ppb
Boron	11-1	490.27	498.21	505.21	497.90	1.50	ppb
Cadmium	111-1	540.97	535.93	540.22	539.04	0.50	ppb
Cadmium	106-1	543.46	534.02	542.87	540.12	0.98	ppb
Cadmium	108-1	541.06	551.13	549.61	547.27	0.99	ppb
Calcium	43-1	52732.68	52325.47	52879.22	52645.79	0.55	ppb
Calcium	44-1	52802.30	52260.02	52882.58	52648.30	0.64	ppb
Chromium	52-2	510.19	509.98	512.34	510.84	0.26	ppb
Cobalt	59-2	505.54	513.09	512.10	510.24	0.80	ppb
Copper	63-2	1028.59	1034.76	1040.60	1034.65	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				94		%
Iron	56-2	26856.74	26995.19	27032.80	26961.58	0.34	ppb
Iron	57-2	26867.09	26976.98	27188.99	27011.02	0.61	ppb
Krypton	83-1						cps
Lead	206-1	493.45	490.21	495.17	492.95	0.51	ppb
Lead	207-1	493.92	489.45	494.44	492.61	0.56	ppb
Lead	208-1	497.94	494.64	498.97	497.18	0.45	ppb
Lithium	6-1				96		%
Magnesium	24-2	54541.98	54932.17	54753.90	54742.68	0.36	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1002.23	1004.50	1006.14	1004.29	0.20	ppb
Molybdenum	94-1	2516.70	2523.29	2499.75	2513.24	0.48	ppb
Molybdenum	95-1	2524.74	2520.84	2501.84	2515.81	0.49	ppb
Molybdenum	96-1	2505.69	2530.05	2483.18	2506.31	0.94	ppb
Molybdenum	97-1	2511.61	2521.20	2506.54	2513.12	0.30	ppb
Molybdenum	98-1	2502.92	2525.57	2474.49	2500.99	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.23	513.55	518.21	515.00	0.54	ppb
Phosphorus	31-2	10441.73	10470.25	10555.40	10489.13	0.56	ppb
Potassium	39-2	25854.97	25960.05	26125.77	25980.26	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	566.55	532.84	552.50	550.63	3.08	ppb
Selenium	78-2	541.29	530.03	524.98	532.10	1.57	ppb
Selenium	82-1	520.71	520.16	514.75	518.54	0.64	ppb
Silicon	28-1	519.03	527.90	529.50	525.48	1.07	ppb
Silver	109-1	524.25	517.21	523.65	521.70	0.75	ppb
Silver	107-1	526.76	518.35	523.36	522.83	0.81	ppb
Sodium	23-2	54048.46	54525.15	54734.19	54435.93	0.65	ppb
Strontium	86-1	510.19	505.00	504.62	506.60	0.61	ppb
Strontium	88-1	502.24	503.26	504.20	503.24	0.19	ppb
Sulfur	34-1	10248.11	10239.95	10380.70	10289.58	0.77	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	481.76	483.85	486.04	483.89	0.44	ppb
Thallium	205-1	498.54	499.39	501.88	499.93	0.35	ppb
Thorium	232-1	482.31	485.71	483.52	483.85	0.36	ppb
Tin	118-1	525.68	523.98	527.21	525.62	0.31	ppb
Titanium	47-1	2511.95	2502.44	2513.45	2509.28	0.24	ppb
Uranium	238-1	483.19	483.55	481.96	482.90	0.17	ppb
Vanadium	51-2	509.35	505.86	509.89	508.37	0.43	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1026.95	1034.10	1047.21	1036.09	0.99	ppb
Zirconium	90-1	509.50	505.47	503.43	506.13	0.61	ppb
Zirconium	91-1	506.70	508.97	499.38	505.01	0.99	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.72	18.40	15.29	16.47	10.23	ppb
Antimony	121-1	0.36	0.39	0.40	0.38	4.75	ppb
Arsenic	75-1	0.10	0.16	0.44	0.23	77.52	ppb
Barium	135-1	5.22	5.46	5.10	5.26	3.51	ppb
Barium	137-1	5.25	5.04	5.07	5.12	2.16	ppb
Beryllium	9-1	0.11	0.13	0.05	0.10	42.95	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	128.11	124.49	130.33	127.64	2.31	ppb
Boron	11-1	132.96	128.84	131.72	131.17	1.61	ppb
Cadmium	111-1	-0.08	0.00	-0.08	-0.05		ppb
Cadmium	106-1	-1.90	-0.98	-1.78	-1.55		ppb
Cadmium	108-1	0.07	0.18	0.18	0.14	44.39	ppb
Calcium	43-1	40940.68	40724.60	40963.33	40876.20	0.32	ppb
Calcium	44-1	41370.84	41153.28	41098.57	41207.56	0.35	ppb
Chromium	52-2	4.29	4.27	4.34	4.30	0.88	ppb
Cobalt	59-2	0.22	0.22	0.21	0.21	2.23	ppb
Copper	63-2	55.42	55.83	56.18	55.81	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				108		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	1136.55	1145.03	1141.28	1140.95	0.37	ppb
Iron	57-2	1206.86	1239.44	1245.29	1230.53	1.68	ppb
Krypton	83-1						cps
Lead	206-1	0.82	0.83	0.82	0.82	0.67	ppb
Lead	207-1	0.85	0.78	0.82	0.82	4.16	ppb
Lead	208-1	0.82	0.82	0.81	0.82	0.32	ppb
Lithium	6-1				96		%
Magnesium	24-2	12829.74	12972.84	12973.46	12925.35	0.64	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	324.07	324.30	329.23	325.87	0.89	ppb
Molybdenum	94-1	0.63	0.65	0.63	0.64	1.65	ppb
Molybdenum	95-1	0.79	0.73	0.69	0.73	7.24	ppb
Molybdenum	96-1	0.75	0.75	0.69	0.73	4.65	ppb
Molybdenum	97-1	0.79	0.80	0.61	0.73	14.85	ppb
Molybdenum	98-1	0.75	0.76	0.65	0.72	8.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.48	1.59	1.54	3.61	ppb
Phosphorus	31-2	1.72	-14.74	-4.83	-5.95		ppb
Potassium	39-2	1332.24	1344.12	1354.26	1343.54	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.74	0.00	0.25	173.21	ppb
Selenium	78-2	0.15	0.89	0.64	0.56	67.80	ppb
Selenium	82-1	0.20	0.75	0.42	0.46	61.36	ppb
Silicon	28-1	9613.87	9448.78	9500.05	9520.90	0.89	ppb
Silver	109-1	0.10	0.08	0.07	0.08	15.98	ppb
Silver	107-1	0.07	0.08	0.08	0.08	3.45	ppb
Sodium	23-2	41142.45	41103.63	41497.83	41247.97	0.53	ppb
Strontium	86-1	106.57	108.18	108.31	107.68	0.90	ppb
Strontium	88-1	105.79	105.26	105.48	105.51	0.25	ppb
Sulfur	34-1	6060.21	6005.75	5895.37	5987.11	1.40	ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.16	0.13	0.12	0.14	14.46	ppb
Thallium	205-1	0.15	0.12	0.12	0.13	12.99	ppb
Thorium	232-1	0.16	0.15	0.14	0.15	6.83	ppb
Tin	118-1	0.32	0.19	0.26	0.26	24.86	ppb
Titanium	47-1	1.27	1.22	1.07	1.19	9.03	ppb
Uranium	238-1	0.12	0.10	0.10	0.10	9.73	ppb
Vanadium	51-2	2.78	2.79	3.00	2.85	4.28	ppb
Yttrium	89-1				104		%
Yttrium	89-2				96		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	38.75	40.68	39.74	39.72	2.42	ppb
Zirconium	90-1	0.09	0.09	0.07	0.08	10.01	ppb
Zirconium	91-1	0.10	0.08	0.08	0.09	13.80	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.24	4.14	4.96	4.78	11.94	ppb
Antimony	121-1	0.12	0.15	0.13	0.13	10.75	ppb
Arsenic	75-1	54.33	53.79	52.79	53.64	1.46	ppb
Barium	135-1	4.17	3.84	3.89	3.97	4.52	ppb
Barium	137-1	4.06	3.89	3.83	3.93	3.10	ppb
Beryllium	9-1	0.04	0.02	0.05	0.04	35.55	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	3372.67	3368.58	3483.57	3408.27	1.91	ppb
Boron	11-1	3549.51	3594.91	3665.09	3603.17	1.62	ppb
Cadmium	111-1	-0.10	-0.12	-0.04	-0.08		ppb
Cadmium	106-1	-0.96	-1.48	-0.71	-1.05		ppb
Cadmium	108-1	0.21	0.12	0.04	0.12	66.45	ppb
Calcium	43-1	127366.13	127022.59	126824.65	127071.12	0.22	ppb
Calcium	44-1	128744.46	127402.99	128666.70	128271.38	0.59	ppb
Chromium	52-2	1.46	1.41	1.45	1.44	1.91	ppb
Cobalt	59-2	0.06	0.07	0.06	0.06	3.95	ppb
Copper	63-2	177.94	176.10	176.23	176.76	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	684.81	668.08	678.53	677.14	1.25	ppb
Iron	57-2	990.78	955.96	981.93	976.22	1.85	ppb
Krypton	83-1						cps
Lead	206-1	95.94	95.68	96.06	95.89	0.20	ppb
Lead	207-1	90.86	91.13	90.73	90.91	0.23	ppb
Lead	208-1	92.16	92.20	92.00	92.12	0.11	ppb
Lithium	6-1				99		%
Magnesium	24-2	12521.61	12373.56	12355.32	12416.83	0.73	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	55.29	54.20	54.40	54.63	1.07	ppb
Molybdenum	94-1	2.95	2.93	3.00	2.96	1.27	ppb
Molybdenum	95-1	4.15	4.08	4.08	4.10	0.90	ppb
Molybdenum	96-1	3.93	4.11	3.89	3.98	2.94	ppb
Molybdenum	97-1	4.04	4.13	4.11	4.09	1.20	ppb
Molybdenum	98-1	4.07	4.05	4.04	4.05	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.15	1.26	1.19	5.31	ppb
Phosphorus	31-2	-21.19	-18.44	-5.81	-15.15		ppb
Potassium	39-2	2774.86	2767.88	2729.53	2757.42	0.89	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				103		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.15	0.14	0.39	0.22	61.99	ppb
Selenium	82-1	0.54	-0.21	0.03	0.12	319.13	ppb
Silicon	28-1	6359.03	6285.01	6291.57	6311.87	0.65	ppb
Silver	109-1	0.03	0.04	0.04	0.03	12.46	ppb
Silver	107-1	0.03	0.04	0.02	0.03	30.66	ppb
Sodium	23-2	93983.87	93045.70	93315.78	93448.45	0.52	ppb
Strontium	86-1	3147.75	3161.21	3139.35	3149.43	0.35	ppb
Strontium	88-1	3105.68	3104.17	3104.20	3104.69	0.03	ppb
Sulfur	34-1	123038.90	123232.40	122937.76	123069.69	0.12	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.05	0.05	0.04	0.05	15.99	ppb
Thallium	205-1	0.05	0.04	0.03	0.04	16.72	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	1.51	ppb
Tin	118-1	2.46	2.32	2.46	2.41	3.23	ppb
Titanium	47-1	0.71	0.85	0.86	0.81	10.27	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	8.33	ppb
Vanadium	51-2	0.04	0.03	0.03	0.03	22.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	62.60	63.33	61.72	62.55	1.29	ppb
Zirconium	90-1	0.09	0.08	0.07	0.08	13.03	ppb
Zirconium	91-1	0.10	0.09	0.13	0.11	17.80	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	220.19	208.58	211.86	213.54	2.80	ppb
Antimony	121-1	0.38	0.34	0.38	0.37	7.13	ppb
Arsenic	75-1	0.29	0.42	0.48	0.40	24.08	ppb
Barium	135-1	7.37	6.84	7.30	7.17	4.04	ppb
Barium	137-1	7.13	7.20	7.16	7.16	0.47	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	353.30	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	159.81	149.32	134.42	147.85	8.63	ppb
Boron	11-1	163.88	151.87	141.01	152.25	7.51	ppb
Cadmium	111-1	0.00	-0.09	-0.07	-0.05		ppb
Cadmium	106-1	-0.54	-1.15	-0.93	-0.87		ppb
Cadmium	108-1	0.01	0.31	0.20	0.18	86.19	ppb
Calcium	43-1	12814.46	12885.84	13109.84	12936.71	1.19	ppb
Calcium	44-1	12753.57	12755.50	12754.04	12754.37	0.01	ppb
Chromium	52-2	0.18	0.13	0.20	0.17	22.05	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	4.41	ppb
Copper	63-2	573.50	584.30	574.64	577.48	1.03	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	188.27	190.56	190.18	189.67	0.65	ppb
Iron	57-2	210.46	211.02	221.43	214.30	2.88	ppb
Krypton	83-1						cps
Lead	206-1	78.41	78.57	79.07	78.68	0.43	ppb
Lead	207-1	75.88	74.96	75.46	75.44	0.61	ppb
Lead	208-1	76.23	75.52	76.14	75.96	0.51	ppb
Lithium	6-1				98		%
Magnesium	24-2	3976.07	4019.86	3970.08	3988.67	0.68	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	33.16	33.63	33.64	33.48	0.83	ppb
Molybdenum	94-1	0.69	0.58	0.72	0.67	11.15	ppb
Molybdenum	95-1	0.21	0.19	0.21	0.20	6.48	ppb
Molybdenum	96-1	0.24	0.28	0.27	0.26	6.65	ppb
Molybdenum	97-1	0.19	0.21	0.20	0.20	3.58	ppb
Molybdenum	98-1	0.21	0.19	0.19	0.20	5.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.94	2.05	2.11	2.03	4.28	ppb
Phosphorus	31-2	600.41	596.67	551.19	582.76	4.70	ppb
Potassium	39-2	700.58	709.42	711.31	707.10	0.81	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				104		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	-0.11	0.50	0.09	378.27	ppb
Selenium	82-1	0.13	0.64	-0.18	0.19	211.40	ppb
Silicon	28-1	2771.74	2826.43	2847.72	2815.30	1.39	ppb
Silver	109-1	0.02	0.02	0.02	0.02	18.84	ppb
Silver	107-1	0.01	0.03	0.02	0.02	36.93	ppb
Sodium	23-2	26143.98	26313.18	26202.37	26219.84	0.33	ppb
Strontium	86-1	36.03	34.68	34.79	35.17	2.14	ppb
Strontium	88-1	34.80	34.54	34.59	34.64	0.40	ppb
Sulfur	34-1	3020.61	3239.77	3112.28	3124.22	3.52	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.04	0.03	0.03	30.59	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	22.02	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	4.26	ppb
Tin	118-1	1.47	1.49	1.54	1.50	2.45	ppb
Titanium	47-1	1.63	1.80	1.95	1.79	9.01	ppb
Uranium	238-1	-0.01	0.00	-0.01	0.00		ppb
Vanadium	51-2	0.20	0.21	0.17	0.19	10.81	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1978.41	2004.42	2008.60	1997.15	0.82	ppb
Zirconium	90-1	0.33	0.31	0.30	0.32	5.32	ppb
Zirconium	91-1	0.29	0.27	0.35	0.30	14.97	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33.03	35.43	33.63	34.03	3.67	ppb
Antimony	121-1	0.70	0.61	0.64	0.65	7.02	ppb
Arsenic	75-1	0.45	0.39	0.34	0.39	13.91	ppb
Barium	135-1	8.77	8.78	8.99	8.84	1.41	ppb
Barium	137-1	9.02	8.65	8.94	8.87	2.23	ppb
Beryllium	9-1	-0.01	-0.02	0.01	-0.01		ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	82.35	84.96	78.26	81.86	4.13	ppb
Boron	11-1	84.85	84.11	80.33	83.10	2.92	ppb
Cadmium	111-1	0.44	0.51	0.66	0.54	20.94	ppb
Cadmium	106-1	-0.49	-0.76	0.32	-0.31		ppb
Cadmium	108-1	0.57	0.66	0.39	0.54	25.02	ppb
Calcium	43-1	13760.20	13856.86	13705.79	13774.28	0.56	ppb
Calcium	44-1	13532.88	13545.67	13581.85	13553.47	0.19	ppb
Chromium	52-2	0.15	0.13	0.10	0.13	19.22	ppb
Cobalt	59-2	0.38	0.36	0.33	0.36	6.50	ppb
Copper	63-2	126.83	125.79	125.44	126.02	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	35.85	36.34	35.59	35.93	1.06	ppb
Iron	57-2	72.68	63.31	70.28	68.76	7.08	ppb
Krypton	83-1						cps
Lead	206-1	14.90	14.78	14.87	14.85	0.41	ppb
Lead	207-1	14.60	14.47	14.34	14.47	0.87	ppb
Lead	208-1	14.51	14.49	14.56	14.52	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	3577.76	3554.81	3507.75	3546.77	1.01	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.63	26.39	27.27	26.76	1.68	ppb
Molybdenum	94-1	0.17	0.12	0.13	0.14	20.71	ppb
Molybdenum	95-1	0.19	0.15	0.18	0.17	10.68	ppb
Molybdenum	96-1	0.20	0.21	0.16	0.19	13.56	ppb
Molybdenum	97-1	0.25	0.18	0.23	0.22	16.31	ppb
Molybdenum	98-1	0.17	0.18	0.19	0.18	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	47.48	48.02	47.23	47.58	0.84	ppb
Phosphorus	31-2	394.55	387.87	384.66	389.03	1.30	ppb
Potassium	39-2	944.04	929.19	909.26	927.50	1.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.73	0.24	173.21	ppb
Selenium	78-2	0.13	0.62	0.26	0.34	75.28	ppb
Selenium	82-1	-0.51	-0.49	0.39	-0.20		ppb
Silicon	28-1	1623.71	1626.97	1635.82	1628.83	0.38	ppb
Silver	109-1	0.02	0.02	0.02	0.02	4.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	20.54	ppb
Sodium	23-2	29501.03	29081.29	28767.91	29116.74	1.26	ppb
Strontium	86-1	42.20	42.69	41.71	42.20	1.16	ppb
Strontium	88-1	41.36	41.54	41.09	41.33	0.55	ppb
Sulfur	34-1	2568.46	2584.45	2536.45	2563.12	0.95	ppb
Terbium	159-1				109		%
Terbium	159-2				98		%
Thallium	203-1	0.04	0.05	0.04	0.05	3.52	ppb
Thallium	205-1	0.04	0.05	0.03	0.04	22.91	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	28.26	ppb
Tin	118-1	0.62	0.57	0.59	0.59	3.84	ppb
Titanium	47-1	0.75	0.68	0.74	0.72	5.40	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.04	0.04	0.06	0.05	24.67	ppb
Yttrium	89-1				107		%
Yttrium	89-2				97		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2167.48	2164.01	2145.40	2158.96	0.55	ppb
Zirconium	90-1	0.03	0.01	0.02	0.02	50.80	ppb
Zirconium	91-1	-0.01	0.02	0.02	0.01	123.27	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.39	20.67	23.89	22.98	8.78	ppb
Antimony	121-1	0.26	0.22	0.23	0.24	9.11	ppb
Arsenic	75-1	0.78	0.38	0.53	0.56	35.48	ppb
Barium	135-1	61.31	61.29	61.42	61.34	0.11	ppb
Barium	137-1	61.81	60.41	60.55	60.93	1.27	ppb
Beryllium	9-1	-0.03	-0.02	-0.01	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	99.06	103.11	102.00	101.39	2.06	ppb
Boron	11-1	104.18	105.60	102.72	104.17	1.38	ppb
Cadmium	111-1	0.10	-0.04	0.07	0.04	169.17	ppb
Cadmium	106-1	0.09	-1.33	-0.46	-0.57		ppb
Cadmium	108-1	0.04	0.20	0.07	0.10	83.82	ppb
Calcium	43-1	35781.13	35481.40	35059.17	35440.56	1.02	ppb
Calcium	44-1	35780.17	35701.83	35287.99	35590.00	0.74	ppb
Chromium	52-2	0.07	0.04	0.08	0.07	32.00	ppb
Cobalt	59-2	0.56	0.51	0.54	0.53	3.92	ppb
Copper	63-2	502.10	500.49	499.07	500.55	0.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				96		%
Iron	56-2	4.48	4.06	4.77	4.44	7.98	ppb
Iron	57-2	88.57	92.31	84.25	88.38	4.56	ppb
Krypton	83-1						cps
Lead	206-1	0.91	0.92	0.91	0.91	0.14	ppb
Lead	207-1	0.92	0.92	0.92	0.92	0.38	ppb
Lead	208-1	0.93	0.94	0.91	0.93	2.04	ppb
Lithium	6-1				98		%
Magnesium	24-2	8723.21	8675.96	8582.52	8660.56	0.83	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.07	1.88	2.01	1.99	4.99	ppb
Molybdenum	94-1	0.37	0.36	0.33	0.35	5.79	ppb
Molybdenum	95-1	0.46	0.45	0.47	0.46	1.29	ppb
Molybdenum	96-1	0.50	0.41	0.41	0.44	11.53	ppb
Molybdenum	97-1	0.42	0.50	0.44	0.45	9.22	ppb
Molybdenum	98-1	0.48	0.49	0.43	0.47	6.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1543.29	1538.80	1527.46	1536.52	0.53	ppb
Phosphorus	31-2	148.26	184.52	158.06	163.61	11.46	ppb
Potassium	39-2	2113.42	2116.10	2116.40	2115.30	0.08	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.01	0.62	0.38	0.34	90.49	ppb
Selenium	82-1	-0.53	0.06	0.64	0.05	1098.04	ppb
Silicon	28-1	3378.86	3347.00	3351.50	3359.12	0.51	ppb
Silver	109-1	0.01	0.02	0.03	0.02	29.30	ppb
Silver	107-1	0.02	0.01	0.01	0.01	58.10	ppb
Sodium	23-2	59743.87	59095.04	58415.33	59084.75	1.12	ppb
Strontium	86-1	137.26	136.62	136.33	136.74	0.35	ppb
Strontium	88-1	134.58	133.98	133.33	133.96	0.47	ppb
Sulfur	34-1	6772.81	6627.63	6436.79	6612.41	2.55	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.05	0.04	0.04	21.13	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	20.69	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	14.66	ppb
Tin	118-1	0.87	0.94	0.97	0.93	5.84	ppb
Titanium	47-1	0.55	0.63	0.52	0.57	9.49	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	5.25	ppb
Vanadium	51-2	0.51	0.48	0.43	0.47	8.63	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1674.49	1670.02	1666.50	1670.34	0.24	ppb
Zirconium	90-1	0.02	0.01	0.01	0.01	48.12	ppb
Zirconium	91-1	-0.01	0.00	0.00	0.00	407.32	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	78.68	76.74	74.61	76.68	2.65	ppb
Antimony	121-1	0.19	0.20	0.15	0.18	15.71	ppb
Arsenic	75-1	0.44	0.53	0.37	0.45	17.96	ppb
Barium	135-1	8.58	9.07	8.59	8.75	3.19	ppb
Barium	137-1	9.24	8.64	9.00	8.96	3.37	ppb
Beryllium	9-1	-0.02	-0.01	-0.02	-0.02		ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	41.84	41.01	39.59	40.81	2.79	ppb
Boron	11-1	42.18	41.89	41.78	41.95	0.50	ppb
Cadmium	111-1	-0.04	-0.15	0.00	-0.06		ppb
Cadmium	106-1	-0.85	-2.03	0.05	-0.94		ppb
Cadmium	108-1	0.01	0.12	-0.01	0.04	175.78	ppb
Calcium	43-1	13277.96	13328.86	13389.22	13332.01	0.42	ppb
Calcium	44-1	13156.25	13242.58	12978.35	13125.73	1.03	ppb
Chromium	52-2	0.08	0.07	0.14	0.10	33.94	ppb
Cobalt	59-2	0.06	0.05	0.04	0.05	26.46	ppb
Copper	63-2	126.28	128.07	126.38	126.91	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				103		%
Indium	115-1				106		%
Indium	115-2				95		%
Iron	56-2	50.39	50.75	50.08	50.41	0.67	ppb
Iron	57-2	80.38	83.74	77.59	80.57	3.82	ppb
Krypton	83-1						cps
Lead	206-1	17.50	17.24	17.14	17.29	1.06	ppb
Lead	207-1	16.67	16.52	16.31	16.50	1.10	ppb
Lead	208-1	16.85	16.74	16.50	16.70	1.07	ppb
Lithium	6-1				97		%
Magnesium	24-2	4170.89	4142.91	4124.91	4146.24	0.56	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	139.04	138.03	140.60	139.22	0.93	ppb
Molybdenum	94-1	0.30	0.27	0.23	0.27	12.98	ppb
Molybdenum	95-1	0.13	0.16	0.10	0.13	25.17	ppb
Molybdenum	96-1	0.14	0.17	0.14	0.15	10.51	ppb
Molybdenum	97-1	0.15	0.16	0.13	0.15	9.41	ppb
Molybdenum	98-1	0.14	0.13	0.12	0.13	4.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.77	0.77	0.74	6.81	ppb
Phosphorus	31-2	714.45	645.82	540.69	633.65	13.81	ppb
Potassium	39-2	698.15	696.83	689.86	694.95	0.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.53	0.27	0.03	0.27	91.50	ppb
Selenium	82-1	0.57	-0.65	-0.47	-0.18		ppb
Silicon	28-1	2983.32	2988.78	2935.44	2969.18	0.99	ppb
Silver	109-1	0.02	0.03	0.02	0.02	31.86	ppb
Silver	107-1	0.03	0.02	0.02	0.02	19.57	ppb
Sodium	23-2	26123.02	26317.26	26031.22	26157.17	0.56	ppb
Strontium	86-1	35.54	35.37	35.22	35.38	0.44	ppb
Strontium	88-1	34.69	34.30	34.42	34.47	0.58	ppb
Sulfur	34-1	3631.66	3548.89	3305.45	3495.33	4.85	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.00	0.02	0.01	63.43	ppb
Thallium	205-1	0.00	0.00	0.01	0.01	129.53	ppb
Thorium	232-1	0.01	0.00	0.00	0.00	167.10	ppb
Tin	118-1	5.09	4.94	4.85	4.96	2.49	ppb
Titanium	47-1	1.64	1.74	1.76	1.71	3.94	ppb
Uranium	238-1	-0.02	-0.02	-0.03	-0.02		ppb
Vanadium	51-2	0.09	0.07	0.08	0.08	10.25	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	209.44	207.12	205.82	207.46	0.88	ppb
Zirconium	90-1	0.12	0.15	0.10	0.12	21.23	ppb
Zirconium	91-1	0.08	0.11	0.16	0.12	34.94	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	57.36	61.54	61.52	60.14	4.00	ppb
Antimony	121-1	0.10	0.10	0.11	0.10	8.20	ppb
Arsenic	75-1	0.40	0.22	0.38	0.33	28.64	ppb
Barium	135-1	9.22	9.35	9.50	9.36	1.50	ppb
Barium	137-1	9.32	9.28	8.87	9.16	2.77	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00		ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	32.92	30.22	28.74	30.63	6.93	ppb
Boron	11-1	32.41	32.76	29.49	31.55	5.70	ppb
Cadmium	111-1	-0.09	0.00	-0.16	-0.08		ppb
Cadmium	106-1	-0.98	-0.14	-1.93	-1.02		ppb
Cadmium	108-1	0.12	0.07	0.07	0.09	35.74	ppb
Calcium	43-1	13691.35	13640.19	13641.81	13657.79	0.21	ppb
Calcium	44-1	13466.74	13428.67	13371.97	13422.46	0.36	ppb
Chromium	52-2	0.14	0.08	0.09	0.10	30.55	ppb
Cobalt	59-2	0.05	0.06	0.04	0.05	21.40	ppb
Copper	63-2	60.52	61.16	59.02	60.23	1.83	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				108		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	51.67	52.40	51.27	51.78	1.10	ppb
Iron	57-2	78.41	88.50	87.52	84.81	6.56	ppb
Krypton	83-1						cps
Lead	206-1	7.15	7.11	6.95	7.07	1.45	ppb
Lead	207-1	7.00	6.84	6.85	6.90	1.25	ppb
Lead	208-1	7.03	6.93	6.89	6.95	1.05	ppb
Lithium	6-1				95		%
Magnesium	24-2	4296.36	4266.74	4231.54	4264.88	0.76	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	170.93	172.15	167.41	170.16	1.45	ppb
Molybdenum	94-1	0.34	0.32	0.29	0.32	8.71	ppb
Molybdenum	95-1	0.12	0.11	0.13	0.12	6.95	ppb
Molybdenum	96-1	0.12	0.12	0.11	0.12	2.73	ppb
Molybdenum	97-1	0.12	0.15	0.12	0.13	14.31	ppb
Molybdenum	98-1	0.13	0.14	0.10	0.12	14.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.11	3.70	4.29	4.03	7.46	ppb
Phosphorus	31-2	603.90	610.14	514.95	576.33	9.24	ppb
Potassium	39-2	709.49	717.37	691.17	706.01	1.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.10	0.28	-0.10	0.03	796.78	ppb
Selenium	82-1	-0.21	-0.15	-0.50	-0.29		ppb
Silicon	28-1	2948.48	2927.99	2960.89	2945.79	0.56	ppb
Silver	109-1	0.02	0.02	0.01	0.01	30.38	ppb
Silver	107-1	0.02	0.01	0.01	0.01	53.24	ppb
Sodium	23-2	25943.29	25883.92	25584.97	25804.06	0.74	ppb
Strontium	86-1	35.24	34.91	34.98	35.04	0.50	ppb
Strontium	88-1	34.02	34.01	34.17	34.06	0.26	ppb
Sulfur	34-1	3776.38	3743.76	3604.41	3708.19	2.46	ppb
Terbium	159-1				106		%
Terbium	159-2				97		%
Thallium	203-1	0.00	0.01	0.00	0.00	354.13	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	24.79	ppb
Thorium	232-1	0.01	0.01	0.00	0.01	44.42	ppb
Tin	118-1	0.04	0.01	0.03	0.03	60.37	ppb
Titanium	47-1	1.68	1.73	1.53	1.65	6.39	ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.09	0.10	0.09	0.09	6.78	ppb
Yttrium	89-1				104		%
Yttrium	89-2				95		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	164.83	163.61	160.57	163.00	1.35	ppb
Zirconium	90-1	0.11	0.13	0.12	0.12	10.66	ppb
Zirconium	91-1	0.12	0.12	0.17	0.14	21.17	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:17:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52170.98	51864.17	51905.00	51980.05	0.32	ppb
Antimony	121-1	483.97	483.22	485.17	484.12	0.20	ppb
Arsenic	75-1	519.58	518.96	516.83	518.46	0.28	ppb
Barium	135-1	2441.00	2433.54	2440.79	2438.44	0.17	ppb
Barium	137-1	2513.84	2521.90	2537.75	2524.50	0.48	ppb
Beryllium	9-1	489.58	498.47	491.60	493.22	0.95	ppb
Bismuth	209-1				93		%
Bismuth	209-2				85		%
Boron	10-1	483.85	501.24	503.36	496.15	2.16	ppb
Boron	11-1	485.26	504.03	507.16	498.82	2.37	ppb
Cadmium	111-1	482.19	483.31	487.20	484.24	0.54	ppb
Cadmium	106-1	493.67	500.25	507.91	500.61	1.42	ppb
Cadmium	108-1	495.90	495.41	503.55	498.29	0.92	ppb
Calcium	43-1	246120.28	247665.35	249901.74	247895.79	0.77	ppb
Calcium	44-1	246282.10	250115.50	252058.26	249485.29	1.18	ppb
Chromium	52-2	505.77	505.66	502.87	504.76	0.33	ppb
Cobalt	59-2	487.35	485.31	483.49	485.38	0.40	ppb
Copper	63-2	1011.18	1004.62	1000.01	1005.27	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				89		%
Iron	56-2	126696.08	126320.48	126054.75	126357.10	0.26	ppb
Iron	57-2	124778.25	125231.12	124231.59	124746.99	0.40	ppb
Krypton	83-1						cps
Lead	206-1	491.13	485.24	500.71	492.36	1.59	ppb
Lead	207-1	493.15	486.12	499.97	493.08	1.40	ppb
Lead	208-1	498.85	494.18	504.15	499.06	1.00	ppb
Lithium	6-1				92		%
Magnesium	24-2	255843.58	255227.73	253856.69	254976.00	0.40	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:17:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	961.14	962.60	958.45	960.73	0.22	ppb
Molybdenum	94-1	2495.93	2472.65	2471.99	2480.19	0.55	ppb
Molybdenum	95-1	2465.34	2463.47	2467.01	2465.27	0.07	ppb
Molybdenum	96-1	2466.64	2460.28	2461.45	2462.79	0.14	ppb
Molybdenum	97-1	2361.73	2341.16	2361.47	2354.79	0.50	ppb
Molybdenum	98-1	2468.06	2457.20	2465.64	2463.63	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.58	483.73	482.59	484.64	0.54	ppb
Phosphorus	31-2	10260.37	10015.00	10062.02	10112.46	1.29	ppb
Potassium	39-2	127395.96	127209.04	127814.15	127473.05	0.24	ppb
Rhodium	103-1				90		%
Rhodium	103-2				86		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	462.98	488.34	471.69	474.34	2.72	ppb
Selenium	78-2	492.66	492.46	498.69	494.60	0.72	ppb
Selenium	82-1	488.35	486.17	479.76	484.76	0.92	ppb
Silicon	28-1	514.96	522.94	524.97	520.96	1.02	ppb
Silver	109-1	471.26	472.11	476.29	473.22	0.57	ppb
Silver	107-1	474.05	473.98	475.29	474.44	0.16	ppb
Sodium	23-2	258404.26	255968.70	253799.70	256057.55	0.90	ppb
Strontium	86-1	496.16	499.80	494.09	496.68	0.58	ppb
Strontium	88-1	495.60	495.95	494.64	495.40	0.14	ppb
Sulfur	34-1	10671.07	10806.05	10973.73	10816.95	1.40	ppb
Terbium	159-1				105		%
Terbium	159-2				94		%
Thallium	203-1	491.62	485.39	498.03	491.68	1.29	ppb
Thallium	205-1	504.75	499.46	516.67	506.96	1.74	ppb
Thorium	232-1	506.71	500.14	510.04	505.63	1.00	ppb
Tin	118-1	502.25	500.07	500.81	501.04	0.22	ppb
Titanium	47-1	2444.01	2477.35	2517.82	2479.73	1.49	ppb
Uranium	238-1	502.20	492.30	508.86	501.12	1.66	ppb
Vanadium	51-2	500.25	499.20	500.21	499.88	0.12	ppb
Yttrium	89-1				102		%
Yttrium	89-2				94		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:17:06	DataFile Name :	032CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	985.74	983.39	985.04	984.73	0.12	ppb
Zirconium	90-1	498.68	499.19	499.45	499.10	0.08	ppb
Zirconium	91-1	497.18	495.20	492.63	495.00	0.46	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:20:42 DataFile Name : 033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.39	5.80	5.11	6.10	19.20	ppb
Antimony	121-1	0.38	0.35	0.43	0.39	9.73	ppb
Arsenic	75-1	0.13	0.16	0.13	0.14	15.43	ppb
Barium	135-1	0.46	0.28	0.22	0.32	38.73	ppb
Barium	137-1	0.47	0.37	0.37	0.40	15.17	ppb
Beryllium	9-1	0.10	0.09	0.10	0.10	4.49	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	27.45	27.26	26.19	26.96	2.52	ppb
Boron	11-1	30.45	28.86	28.25	29.19	3.88	ppb
Cadmium	111-1	0.27	0.00	0.17	0.15	94.62	ppb
Cadmium	106-1	1.81	-1.04	1.05	0.60	244.27	ppb
Cadmium	108-1	0.04	0.06	0.27	0.12	103.83	ppb
Calcium	43-1	42.88	32.32	32.16	35.78	17.17	ppb
Calcium	44-1	46.71	40.95	37.47	41.71	11.19	ppb
Chromium	52-2	0.01	0.03	0.01	0.02	59.93	ppb
Cobalt	59-2	0.03	0.03	0.02	0.02	15.44	ppb
Copper	63-2	0.15	0.15	0.17	0.16	9.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				102		%
Iron	56-2	14.84	13.75	12.44	13.68	8.77	ppb
Iron	57-2	14.51	14.34	13.34	14.06	4.52	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.05	0.05	0.06	27.50	ppb
Lead	207-1	0.11	0.09	0.05	0.08	33.19	ppb
Lead	208-1	0.09	0.08	0.06	0.08	21.46	ppb
Lithium	6-1				105		%
Magnesium	24-2	27.80	24.98	24.58	25.79	6.81	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:20:42	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.11	0.06	0.08	29.06	ppb
Molybdenum	94-1	0.70	0.64	0.59	0.64	8.29	ppb
Molybdenum	95-1	0.63	0.62	0.46	0.57	16.92	ppb
Molybdenum	96-1	0.67	0.59	0.60	0.62	7.10	ppb
Molybdenum	97-1	0.62	0.60	0.54	0.58	7.30	ppb
Molybdenum	98-1	0.65	0.62	0.57	0.61	6.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.06	-0.04	-0.05		ppb
Phosphorus	31-2	-26.14	-20.18	-29.27	-25.20		ppb
Potassium	39-2	41.80	37.61	38.72	39.38	5.51	ppb
Rhodium	103-1				110		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.10	-0.13	0.21	0.06	276.23	ppb
Selenium	82-1	-0.33	-0.47	-0.43	-0.41		ppb
Silicon	28-1	4.02	3.57	3.36	3.65	9.36	ppb
Silver	109-1	0.11	0.09	0.06	0.09	24.91	ppb
Silver	107-1	0.09	0.09	0.08	0.09	5.12	ppb
Sodium	23-2	75.23	70.67	65.75	70.55	6.72	ppb
Strontium	86-1	0.09	0.15	-0.02	0.07	122.05	ppb
Strontium	88-1	0.09	0.08	0.07	0.08	12.87	ppb
Sulfur	34-1	1291.93	1175.99	1079.88	1182.60	8.98	ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	0.16	0.12	0.14	0.14	15.62	ppb
Thallium	205-1	0.17	0.13	0.12	0.14	16.51	ppb
Thorium	232-1	0.14	0.15	0.13	0.14	7.23	ppb
Tin	118-1	0.17	0.23	0.19	0.20	13.58	ppb
Titanium	47-1	0.42	0.56	0.37	0.45	21.12	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	17.37	ppb
Vanadium	51-2	0.03	0.02	0.02	0.03	21.39	ppb
Yttrium	89-1				112		%
Yttrium	89-2				103		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:20:42	DataFile Name :	033CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	-0.06	0.01	-0.03		ppb
Zirconium	90-1	0.10	0.12	0.09	0.10	13.17	ppb
Zirconium	91-1	0.13	0.11	0.08	0.10	26.83	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	113.40	110.54	114.43	112.79	1.79	ppb
Antimony	121-1	0.16	0.19	0.18	0.18	7.20	ppb
Arsenic	75-1	0.23	0.28	0.28	0.26	10.97	ppb
Barium	135-1	9.07	8.84	9.09	9.00	1.53	ppb
Barium	137-1	9.10	9.27	9.27	9.21	1.10	ppb
Beryllium	9-1	0.01	0.02	0.03	0.02	68.57	ppb
Bismuth	209-1				105		%
Bismuth	209-2				97		%
Boron	10-1	28.66	27.56	26.19	27.47	4.51	ppb
Boron	11-1	29.11	28.66	27.41	28.39	3.10	ppb
Cadmium	111-1	0.03	-0.01	-0.17	-0.05		ppb
Cadmium	106-1	0.18	-0.16	-1.90	-0.63		ppb
Cadmium	108-1	0.18	0.12	0.15	0.15	19.14	ppb
Calcium	43-1	12730.43	12933.19	12811.47	12825.03	0.80	ppb
Calcium	44-1	12547.65	12631.75	12665.78	12615.06	0.48	ppb
Chromium	52-2	0.16	0.07	0.09	0.11	41.13	ppb
Cobalt	59-2	0.05	0.07	0.05	0.06	21.73	ppb
Copper	63-2	166.65	165.91	168.09	166.88	0.66	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				109		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				97		%
Iron	56-2	179.68	179.07	181.40	180.05	0.67	ppb
Iron	57-2	206.97	209.60	201.93	206.17	1.89	ppb
Krypton	83-1						cps
Lead	206-1	27.48	27.52	27.32	27.44	0.38	ppb
Lead	207-1	27.41	26.99	26.98	27.13	0.90	ppb
Lead	208-1	27.25	27.26	27.03	27.18	0.48	ppb
Lithium	6-1				101		%
Magnesium	24-2	4191.77	4219.21	4171.41	4194.13	0.57	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	194.09	191.92	195.76	193.92	0.99	ppb
Molybdenum	94-1	0.68	0.75	0.72	0.71	4.77	ppb
Molybdenum	95-1	0.19	0.19	0.20	0.19	2.70	ppb
Molybdenum	96-1	0.26	0.26	0.30	0.27	9.26	ppb
Molybdenum	97-1	0.26	0.24	0.20	0.23	13.10	ppb
Molybdenum	98-1	0.21	0.22	0.19	0.21	7.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.94	2.85	2.80	2.86	2.59	ppb
Phosphorus	31-2	593.87	652.94	608.39	618.40	4.98	ppb
Potassium	39-2	712.44	712.30	722.55	715.77	0.82	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.11	0.25	0.13	0.09	199.87	ppb
Selenium	82-1	0.07	0.19	-0.18	0.03	679.53	ppb
Silicon	28-1	2888.51	2928.06	2925.42	2913.99	0.76	ppb
Silver	109-1	0.04	0.04	0.04	0.04	2.28	ppb
Silver	107-1	0.03	0.04	0.05	0.04	20.75	ppb
Sodium	23-2	26250.39	26328.74	26460.93	26346.69	0.40	ppb
Strontium	86-1	34.09	33.98	33.71	33.92	0.57	ppb
Strontium	88-1	33.60	33.28	33.20	33.36	0.64	ppb
Sulfur	34-1	3737.48	3649.70	3710.79	3699.32	1.22	ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	0.06	0.05	0.03	0.05	28.14	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	10.57	ppb
Thorium	232-1	0.05	0.04	0.04	0.04	8.78	ppb
Tin	118-1	28.92	28.65	28.74	28.77	0.47	ppb
Titanium	47-1	2.22	2.29	2.56	2.35	7.55	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.14	0.09	0.14	0.12	24.13	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	169.87	170.25	174.63	171.58	1.54	ppb
Zirconium	90-1	0.32	0.36	0.39	0.36	9.40	ppb
Zirconium	91-1	0.35	0.36	0.35	0.35	1.60	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	119.47	115.19	113.79	116.15	2.55	ppb
Antimony	121-1	0.09	0.10	0.13	0.11	18.37	ppb
Arsenic	75-1	0.39	0.22	0.33	0.31	28.23	ppb
Barium	135-1	9.46	9.25	9.05	9.25	2.19	ppb
Barium	137-1	9.12	9.35	8.84	9.10	2.80	ppb
Beryllium	9-1	0.03	0.00	0.01	0.01	149.14	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	22.39	21.41	21.92	21.91	2.24	ppb
Boron	11-1	22.41	22.47	22.06	22.31	1.01	ppb
Cadmium	111-1	-0.05	0.11	0.04	0.03	239.72	ppb
Cadmium	106-1	-0.84	1.33	0.30	0.26	412.36	ppb
Cadmium	108-1	0.07	0.12	0.07	0.09	38.16	ppb
Calcium	43-1	12818.71	12989.77	12606.70	12805.06	1.50	ppb
Calcium	44-1	12590.80	12533.61	12562.94	12562.45	0.23	ppb
Chromium	52-2	0.09	0.12	0.13	0.11	21.75	ppb
Cobalt	59-2	0.06	0.06	0.06	0.06	1.77	ppb
Copper	63-2	168.63	167.47	163.79	166.63	1.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	178.39	177.66	174.35	176.80	1.22	ppb
Iron	57-2	218.60	201.35	210.63	210.19	4.11	ppb
Krypton	83-1						cps
Lead	206-1	27.29	27.61	27.41	27.44	0.59	ppb
Lead	207-1	27.62	27.23	26.92	27.26	1.29	ppb
Lead	208-1	27.37	27.17	27.01	27.18	0.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	4226.78	4150.30	4157.49	4178.19	1.01	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	195.15	193.13	192.25	193.51	0.77	ppb
Molybdenum	94-1	0.74	0.66	0.71	0.70	5.53	ppb
Molybdenum	95-1	0.15	0.13	0.13	0.14	4.99	ppb
Molybdenum	96-1	0.23	0.18	0.18	0.19	15.45	ppb
Molybdenum	97-1	0.17	0.15	0.14	0.15	10.79	ppb
Molybdenum	98-1	0.20	0.14	0.18	0.18	18.25	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.97	2.79	2.87	2.88	3.23	ppb
Phosphorus	31-2	671.25	687.10	641.34	666.56	3.49	ppb
Potassium	39-2	721.89	716.38	706.76	715.01	1.07	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.13	0.01	0.72	0.29	133.27	ppb
Selenium	82-1	-0.46	0.62	0.05	0.07	751.34	ppb
Silicon	28-1	2886.49	2896.53	2910.10	2897.71	0.41	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.61	ppb
Silver	107-1	0.04	0.03	0.03	0.03	14.84	ppb
Sodium	23-2	26659.74	26390.51	25915.57	26321.94	1.43	ppb
Strontium	86-1	34.04	34.08	34.01	34.04	0.10	ppb
Strontium	88-1	33.35	33.45	33.47	33.42	0.19	ppb
Sulfur	34-1	3630.79	3525.10	3577.49	3577.79	1.48	ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	9.20	ppb
Thallium	205-1	0.02	0.02	0.03	0.02	25.16	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	24.33	ppb
Tin	118-1	28.87	29.08	28.72	28.89	0.63	ppb
Titanium	47-1	2.27	1.95	2.35	2.19	9.82	ppb
Uranium	238-1	-0.02	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.13	0.11	0.09	0.11	19.13	ppb
Yttrium	89-1				106		%
Yttrium	89-2				99		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	171.65	172.91	167.52	170.69	1.65	ppb
Zirconium	90-1	0.32	0.35	0.33	0.33	4.12	ppb
Zirconium	91-1	0.33	0.34	0.41	0.36	11.74	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.92	21.63	23.50	23.35	7.06	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	20.88	ppb
Arsenic	75-1	0.00	0.01	0.05	0.02	129.95	ppb
Barium	135-1	1.79	1.70	1.81	1.77	3.32	ppb
Barium	137-1	1.99	1.80	1.71	1.83	7.72	ppb
Beryllium	9-1	0.01	0.01	-0.01	0.00	496.36	ppb
Bismuth	209-1				107		%
Bismuth	209-2				98		%
Boron	10-1	12.78	11.37	12.23	12.13	5.82	ppb
Boron	11-1	12.60	12.47	11.76	12.28	3.69	ppb
Cadmium	111-1	-0.01	0.00	-0.16	-0.06		ppb
Cadmium	106-1	-0.11	-0.06	-1.77	-0.64		ppb
Cadmium	108-1	0.04	0.04	0.12	0.07	70.19	ppb
Calcium	43-1	2603.56	2571.59	2681.78	2618.97	2.16	ppb
Calcium	44-1	2625.67	2510.31	2570.26	2568.75	2.25	ppb
Chromium	52-2	0.02	0.03	0.03	0.03	32.34	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	33.38	34.33	34.50	34.07	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				98		%
Iron	56-2	37.05	36.79	37.22	37.02	0.59	ppb
Iron	57-2	50.21	42.83	44.20	45.74	8.58	ppb
Krypton	83-1						cps
Lead	206-1	5.60	5.37	5.44	5.47	2.15	ppb
Lead	207-1	5.58	5.33	5.36	5.42	2.52	ppb
Lead	208-1	5.56	5.30	5.42	5.43	2.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	849.89	852.36	874.30	858.85	1.56	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	39.38	39.41	40.17	39.65	1.12	ppb
Molybdenum	94-1	0.16	0.11	0.11	0.13	22.44	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	1.54	ppb
Molybdenum	96-1	0.06	0.04	0.06	0.05	16.56	ppb
Molybdenum	97-1	0.02	0.04	0.04	0.03	42.21	ppb
Molybdenum	98-1	0.05	0.02	0.05	0.04	37.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.51	0.49	0.46	0.49	4.78	ppb
Phosphorus	31-2	94.48	95.53	134.02	108.01	20.86	ppb
Potassium	39-2	157.94	153.86	161.99	157.93	2.58	ppb
Rhodium	103-1				105		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.98	0.74	0.25	0.66	56.15	ppb
Selenium	82-1	-0.08	0.38	-0.66	-0.12		ppb
Silicon	28-1	589.98	560.14	576.55	575.56	2.60	ppb
Silver	109-1	0.00	0.01	0.01	0.01	54.34	ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.38	ppb
Sodium	23-2	5362.37	5302.97	5331.62	5332.32	0.56	ppb
Strontium	86-1	7.13	6.53	6.98	6.88	4.51	ppb
Strontium	88-1	7.04	6.60	6.87	6.84	3.28	ppb
Sulfur	34-1	1405.76	1157.52	1380.87	1314.72	10.40	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	0.00	0.01	0.02	0.01	73.66	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	37.94	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	19.99	ppb
Tin	118-1	5.96	5.72	5.68	5.79	2.56	ppb
Titanium	47-1	0.46	0.55	0.49	0.50	8.68	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.01	0.02	0.01	114.58	ppb
Yttrium	89-1				107		%
Yttrium	89-2				98		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	35.91	35.74	36.24	35.96	0.71	ppb
Zirconium	90-1	0.06	0.05	0.08	0.06	20.25	ppb
Zirconium	91-1	0.06	0.06	0.06	0.06	2.35	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2050.94	2091.44	2047.21	2063.19	1.19	ppb
Antimony	121-1	863.10	860.87	871.69	865.22	0.66	ppb
Arsenic	75-1	794.39	802.42	789.45	795.42	0.82	ppb
Barium	135-1	216.89	215.73	218.23	216.95	0.58	ppb
Barium	137-1	218.24	216.06	219.36	217.89	0.77	ppb
Beryllium	9-1	196.29	200.27	196.76	197.77	1.10	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	292.29	307.44	310.59	303.44	3.22	ppb
Boron	11-1	295.31	305.29	310.57	303.72	2.55	ppb
Cadmium	111-1	216.18	214.81	213.57	214.85	0.61	ppb
Cadmium	106-1	159.55	160.14	161.02	160.24	0.46	ppb
Cadmium	108-1	180.42	181.47	177.25	179.72	1.22	ppb
Calcium	43-1	13789.10	13853.80	13758.21	13800.37	0.35	ppb
Calcium	44-1	13529.09	13681.72	13453.74	13554.85	0.86	ppb
Chromium	52-2	409.67	408.01	412.39	410.02	0.54	ppb
Cobalt	59-2	209.20	212.72	213.09	211.67	1.01	ppb
Copper	63-2	487.54	493.28	490.99	490.61	0.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	3406.96	3477.96	3428.93	3437.95	1.06	ppb
Iron	57-2	3438.79	3518.91	3481.85	3479.85	1.15	ppb
Krypton	83-1						cps
Lead	206-1	1013.60	1014.05	1022.09	1016.58	0.47	ppb
Lead	207-1	1014.43	1021.01	1012.01	1015.82	0.46	ppb
Lead	208-1	1009.02	1025.18	1020.91	1018.37	0.82	ppb
Lithium	6-1				99		%
Magnesium	24-2	6298.94	6361.71	6367.43	6342.69	0.60	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	391.69	395.43	394.70	393.94	0.50	ppb
Molybdenum	94-1	273.03	277.51	274.86	275.13	0.82	ppb
Molybdenum	95-1	392.93	395.61	392.98	393.84	0.39	ppb
Molybdenum	96-1	375.65	378.86	377.80	377.44	0.43	ppb
Molybdenum	97-1	387.22	389.29	386.17	387.56	0.41	ppb
Molybdenum	98-1	390.08	390.40	391.62	390.70	0.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	532.03	535.61	539.98	535.87	0.74	ppb
Phosphorus	31-2	6692.17	6984.50	6986.67	6887.78	2.46	ppb
Potassium	39-2	11061.44	11119.68	11192.45	11124.52	0.59	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	2070.82	2112.57	2138.93	2107.44	1.63	ppb
Selenium	78-2	2140.66	2120.06	2093.67	2118.13	1.11	ppb
Selenium	82-1	2034.38	2060.10	2062.06	2052.18	0.75	ppb
Silicon	28-1	3809.21	3893.10	3826.62	3842.98	1.15	ppb
Silver	109-1	75.20	75.52	74.41	75.04	0.76	ppb
Silver	107-1	74.62	74.92	74.74	74.76	0.20	ppb
Sodium	23-2	29137.96	29393.79	29483.47	29338.41	0.61	ppb
Strontium	86-1	236.45	236.53	236.98	236.66	0.12	ppb
Strontium	88-1	229.54	230.21	229.06	229.60	0.25	ppb
Sulfur	34-1	3344.20	3430.27	3273.55	3349.34	2.34	ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	1959.94	2005.03	2012.97	1992.65	1.44	ppb
Thallium	205-1	1937.06	1978.64	1973.00	1962.90	1.15	ppb
Thorium	232-1	0.04	0.05	0.04	0.04	12.42	ppb
Tin	118-1	777.13	774.51	781.33	777.66	0.44	ppb
Titanium	47-1	210.36	215.16	210.23	211.91	1.33	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	302.06	303.30	303.26	302.87	0.23	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	378.20	379.97	379.85	379.34	0.26	ppb
Zirconium	90-1	0.73	0.72	0.73	0.73	1.17	ppb
Zirconium	91-1	1.47	1.50	1.50	1.49	1.36	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2078.78	2129.10	1986.79	2064.89	3.49	ppb
Antimony	121-1	873.65	872.13	880.75	875.51	0.53	ppb
Arsenic	75-1	808.31	811.42	796.14	805.29	1.00	ppb
Barium	135-1	219.36	217.84	218.92	218.71	0.36	ppb
Barium	137-1	218.18	219.35	219.64	219.06	0.35	ppb
Beryllium	9-1	198.64	196.99	199.29	198.31	0.60	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	307.12	310.69	311.21	309.67	0.72	ppb
Boron	11-1	309.71	316.66	321.03	315.80	1.81	ppb
Cadmium	111-1	217.88	216.39	215.29	216.52	0.60	ppb
Cadmium	106-1	165.64	163.10	164.67	164.47	0.78	ppb
Cadmium	108-1	180.21	181.88	180.63	180.91	0.48	ppb
Calcium	43-1	13732.45	13773.94	13800.42	13768.94	0.25	ppb
Calcium	44-1	13516.83	13487.47	13504.21	13502.84	0.11	ppb
Chromium	52-2	410.01	421.27	403.22	411.50	2.22	ppb
Cobalt	59-2	214.28	217.58	207.08	212.98	2.52	ppb
Copper	63-2	500.42	512.22	489.38	500.67	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	3467.07	3557.01	3387.54	3470.54	2.44	ppb
Iron	57-2	3531.91	3653.28	3428.80	3538.00	3.18	ppb
Krypton	83-1						cps
Lead	206-1	1036.18	1014.27	1013.10	1021.18	1.27	ppb
Lead	207-1	1029.40	1021.61	1010.94	1020.65	0.91	ppb
Lead	208-1	1029.20	1017.25	1016.85	1021.10	0.69	ppb
Lithium	6-1				99		%
Magnesium	24-2	6370.56	6508.47	6134.30	6337.77	2.99	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	391.01	402.06	383.87	392.31	2.34	ppb
Molybdenum	94-1	276.04	277.97	277.17	277.06	0.35	ppb
Molybdenum	95-1	394.89	395.63	397.19	395.90	0.30	ppb
Molybdenum	96-1	379.31	380.74	382.58	380.88	0.43	ppb
Molybdenum	97-1	390.59	392.81	393.37	392.26	0.37	ppb
Molybdenum	98-1	392.73	393.05	392.93	392.90	0.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.26	550.58	526.26	538.03	2.26	ppb
Phosphorus	31-2	6952.03	7182.57	6712.60	6949.07	3.38	ppb
Potassium	39-2	11185.71	11422.40	10977.14	11195.08	1.99	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	2083.44	2156.11	2090.42	2109.99	1.90	ppb
Selenium	78-2	2131.47	2177.16	2073.16	2127.26	2.45	ppb
Selenium	82-1	2062.65	2043.13	2063.81	2056.53	0.56	ppb
Silicon	28-1	3811.90	3822.13	3832.08	3822.04	0.26	ppb
Silver	109-1	77.23	77.20	77.23	77.22	0.02	ppb
Silver	107-1	77.92	76.91	76.81	77.22	0.79	ppb
Sodium	23-2	29418.81	29856.49	28514.21	29263.17	2.34	ppb
Strontium	86-1	236.82	238.35	234.80	236.66	0.75	ppb
Strontium	88-1	231.45	231.52	231.29	231.42	0.05	ppb
Sulfur	34-1	3232.82	3055.84	3046.07	3111.57	3.38	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	2023.99	2002.56	1997.12	2007.89	0.71	ppb
Thallium	205-1	1999.38	1978.78	1962.20	1980.12	0.94	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.89	ppb
Tin	118-1	782.73	783.72	789.75	785.40	0.48	ppb
Titanium	47-1	212.23	214.49	213.11	213.28	0.54	ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.01		ppb
Vanadium	51-2	307.79	315.11	299.94	307.61	2.47	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	381.43	394.09	378.39	384.64	2.17	ppb
Zirconium	90-1	0.51	0.51	0.55	0.52	4.11	ppb
Zirconium	91-1	1.17	1.11	1.17	1.15	3.21	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2044.56	2060.22	2123.22	2076.00	2.01	ppb
Antimony	121-1	875.48	871.75	877.57	874.93	0.34	ppb
Arsenic	75-1	803.71	794.58	799.33	799.20	0.57	ppb
Barium	135-1	218.64	216.37	217.89	217.63	0.53	ppb
Barium	137-1	218.27	219.99	216.89	218.38	0.71	ppb
Beryllium	9-1	195.90	197.51	198.73	197.38	0.72	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	314.27	317.31	317.13	316.24	0.54	ppb
Boron	11-1	314.84	323.00	327.15	321.66	1.95	ppb
Cadmium	111-1	217.16	216.05	215.17	216.13	0.46	ppb
Cadmium	106-1	162.97	169.84	161.36	164.72	2.74	ppb
Cadmium	108-1	184.03	179.65	180.34	181.34	1.30	ppb
Calcium	43-1	13772.54	13826.45	13862.25	13820.41	0.33	ppb
Calcium	44-1	13518.11	13692.08	13557.50	13589.23	0.67	ppb
Chromium	52-2	411.83	413.81	425.63	417.09	1.79	ppb
Cobalt	59-2	211.12	212.05	221.42	214.86	2.65	ppb
Copper	63-2	490.50	497.41	517.04	501.65	2.75	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				107		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				92		%
Iron	56-2	3483.14	3492.64	3605.89	3527.22	1.94	ppb
Iron	57-2	3517.89	3532.55	3667.46	3572.63	2.31	ppb
Krypton	83-1						cps
Lead	206-1	1022.95	1034.58	1039.07	1032.20	0.81	ppb
Lead	207-1	1025.53	1039.72	1043.00	1036.09	0.90	ppb
Lead	208-1	1019.86	1034.61	1033.89	1029.46	0.81	ppb
Lithium	6-1				98		%
Magnesium	24-2	6293.94	6421.17	6584.92	6433.34	2.27	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	392.70	393.42	410.85	398.99	2.58	ppb
Molybdenum	94-1	275.29	274.03	276.83	275.38	0.51	ppb
Molybdenum	95-1	395.17	395.34	393.75	394.75	0.22	ppb
Molybdenum	96-1	378.71	381.72	379.24	379.89	0.42	ppb
Molybdenum	97-1	390.62	395.69	387.31	391.21	1.08	ppb
Molybdenum	98-1	390.65	394.80	388.79	391.41	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	533.87	535.72	558.56	542.71	2.53	ppb
Phosphorus	31-2	6698.98	6830.05	6981.49	6836.84	2.07	ppb
Potassium	39-2	11108.13	11173.40	11566.05	11282.53	2.20	ppb
Rhodium	103-1				99		%
Rhodium	103-2				93		%
Scandium	45-1				101		%
Scandium	45-2				95		%
Selenium	77-2	2122.61	2056.17	2201.35	2126.71	3.42	ppb
Selenium	78-2	2137.14	2140.46	2218.85	2165.48	2.14	ppb
Selenium	82-1	2049.73	2071.43	2033.17	2051.44	0.94	ppb
Silicon	28-1	3825.58	3889.06	3839.81	3851.49	0.86	ppb
Silver	109-1	76.43	76.10	75.70	76.08	0.48	ppb
Silver	107-1	76.77	75.30	76.33	76.13	0.99	ppb
Sodium	23-2	29122.40	29597.40	30600.95	29773.58	2.54	ppb
Strontium	86-1	236.44	237.73	237.22	237.13	0.27	ppb
Strontium	88-1	231.14	231.11	231.97	231.41	0.21	ppb
Sulfur	34-1	3269.39	3384.56	3133.85	3262.60	3.85	ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	1976.17	2015.38	2018.59	2003.38	1.18	ppb
Thallium	205-1	1967.54	1998.86	1994.04	1986.82	0.85	ppb
Thorium	232-1	0.01	0.03	0.03	0.02	42.81	ppb
Tin	118-1	788.18	776.43	781.11	781.91	0.76	ppb
Titanium	47-1	217.44	216.72	212.81	215.66	1.16	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	303.57	310.31	319.91	311.26	2.64	ppb
Yttrium	89-1				103		%
Yttrium	89-2				94		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	381.58	382.97	396.06	386.87	2.07	ppb
Zirconium	90-1	0.50	0.53	0.52	0.52	2.90	ppb
Zirconium	91-1	1.33	1.12	1.08	1.18	11.55	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : PB123873BL Instrumnet Name : P7
 Client Sample ID : PB123873BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:50:20 DataFile Name : 040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.21	0.48	0.04	0.24	92.51	ppb
Antimony	121-1	0.17	0.19	0.19	0.18	6.28	ppb
Arsenic	75-1	0.14	0.12	0.11	0.12	14.62	ppb
Barium	135-1	-0.01	-0.02	-0.02	-0.02		ppb
Barium	137-1	0.01	-0.02	-0.01	0.00		ppb
Beryllium	9-1	0.00	-0.01	0.01	0.00	452.17	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	14.68	13.69	14.38	14.25	3.56	ppb
Boron	11-1	14.47	13.67	14.13	14.09	2.86	ppb
Cadmium	111-1	0.03	-0.04	0.01	0.00	4391.53	ppb
Cadmium	106-1	0.34	-0.37	0.25	0.07	532.46	ppb
Cadmium	108-1	0.01	0.09	0.10	0.07	67.89	ppb
Calcium	43-1	1.90	2.27	1.35	1.84	25.11	ppb
Calcium	44-1	5.11	4.79	4.28	4.73	8.89	ppb
Chromium	52-2	0.01	0.00	0.00	0.00	307.74	ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.03	0.08	0.09	0.07	51.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				96		%
Iron	56-2	0.71	0.61	0.54	0.62	14.11	ppb
Iron	57-2	1.08	0.24	-0.13	0.40	155.38	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	19.66	ppb
Lead	207-1	0.05	0.04	0.05	0.05	7.69	ppb
Lead	208-1	0.05	0.04	0.04	0.04	9.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.88	1.66	1.21	1.25	31.34	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BL	Instrumnet Name :	P7
Client Sample ID :	PB123873BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:50:20	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	341.07	ppb
Molybdenum	94-1	0.08	0.02	0.07	0.06	51.29	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.04	20.16	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	2.70	ppb
Molybdenum	97-1	0.06	0.06	0.05	0.06	13.94	ppb
Molybdenum	98-1	0.05	0.04	0.04	0.04	6.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.02	-0.02	-0.03		ppb
Phosphorus	31-2	-34.29	-34.43	-16.33	-28.35		ppb
Potassium	39-2	22.99	17.80	21.98	20.92	13.15	ppb
Rhodium	103-1				104		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.71	0.24	173.21	ppb
Selenium	78-2	0.90	0.26	0.36	0.51	68.15	ppb
Selenium	82-1	-0.08	0.19	-0.20	-0.03		ppb
Silicon	28-1	3.01	2.87	2.81	2.90	3.51	ppb
Silver	109-1	0.03	0.02	0.03	0.03	31.45	ppb
Silver	107-1	0.03	0.03	0.03	0.03	13.50	ppb
Sodium	23-2	23.56	26.36	25.60	25.17	5.76	ppb
Strontium	86-1	0.03	0.02	0.01	0.02	49.44	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	26.40	ppb
Sulfur	34-1	1256.95	1225.90	1166.88	1216.58	3.76	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.24	0.23	0.23	0.23	2.70	ppb
Thallium	205-1	0.22	0.23	0.22	0.23	2.53	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	567.79	ppb
Tin	118-1	0.11	0.13	0.16	0.13	17.57	ppb
Titanium	47-1	0.06	0.04	-0.01	0.03	117.87	ppb
Uranium	238-1	-0.02	-0.03	-0.02	-0.02		ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	147.17	ppb
Yttrium	89-1				106		%
Yttrium	89-2				97		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BL	Instrumnet Name :	P7
Client Sample ID :	PB123873BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:50:20	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.14	0.18	0.15	18.97	ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.00	-0.01	0.00	-0.01		ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BS	Instrumnet Name :	P7
Client Sample ID :	PB123873BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:53:55	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10269.43	10162.91	10159.99	10197.44	0.61	ppb
Antimony	121-1	517.44	509.88	510.46	512.59	0.82	ppb
Arsenic	75-1	522.64	526.71	514.61	521.32	1.18	ppb
Barium	135-1	2532.65	2517.39	2484.47	2511.50	0.98	ppb
Barium	137-1	2622.02	2587.88	2591.49	2600.46	0.72	ppb
Beryllium	9-1	510.19	512.74	505.15	509.36	0.76	ppb
Bismuth	209-1				101		%
Bismuth	209-2				92		%
Boron	10-1	478.52	492.15	497.57	489.41	2.01	ppb
Boron	11-1	487.53	499.24	502.64	496.47	1.60	ppb
Cadmium	111-1	540.57	531.39	534.07	535.34	0.88	ppb
Cadmium	106-1	553.45	542.91	544.66	547.01	1.03	ppb
Cadmium	108-1	543.40	549.48	546.16	546.35	0.56	ppb
Calcium	43-1	52175.62	51886.28	51809.97	51957.29	0.37	ppb
Calcium	44-1	52567.92	52154.30	52304.32	52342.18	0.40	ppb
Chromium	52-2	507.90	501.85	508.61	506.12	0.73	ppb
Cobalt	59-2	509.27	501.05	509.55	506.62	0.95	ppb
Copper	63-2	1026.61	1020.75	1020.64	1022.66	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				92		%
Iron	56-2	27146.41	26834.13	26953.29	26977.94	0.58	ppb
Iron	57-2	26874.94	26533.88	26900.91	26769.91	0.77	ppb
Krypton	83-1						cps
Lead	206-1	483.73	486.01	478.96	482.90	0.75	ppb
Lead	207-1	486.63	486.41	479.43	484.16	0.85	ppb
Lead	208-1	493.21	493.76	489.50	492.15	0.47	ppb
Lithium	6-1				97		%
Magnesium	24-2	55755.25	54586.42	55185.75	55175.81	1.06	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BS	Instrumnet Name :	P7
Client Sample ID :	PB123873BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:53:55	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.40	990.10	999.66	997.05	0.61	ppb
Molybdenum	94-1	2508.29	2521.44	2483.46	2504.39	0.77	ppb
Molybdenum	95-1	2519.95	2511.34	2479.25	2503.51	0.86	ppb
Molybdenum	96-1	2510.57	2517.69	2477.06	2501.77	0.87	ppb
Molybdenum	97-1	2517.56	2520.75	2486.69	2508.33	0.75	ppb
Molybdenum	98-1	2508.01	2511.39	2468.57	2495.99	0.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.66	511.25	512.03	514.31	0.90	ppb
Phosphorus	31-2	10396.03	10799.54	10275.21	10490.26	2.62	ppb
Potassium	39-2	26002.72	25595.37	25777.46	25791.85	0.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	518.92	529.79	513.02	520.57	1.63	ppb
Selenium	78-2	535.63	533.63	541.03	536.76	0.71	ppb
Selenium	82-1	519.07	521.66	514.38	518.37	0.71	ppb
Silicon	28-1	514.43	527.44	526.23	522.70	1.38	ppb
Silver	109-1	521.45	514.83	517.73	518.01	0.64	ppb
Silver	107-1	526.24	516.64	514.34	519.07	1.22	ppb
Sodium	23-2	55487.83	54331.41	55035.69	54951.64	1.06	ppb
Strontium	86-1	506.10	505.64	497.61	503.12	0.95	ppb
Strontium	88-1	503.52	503.46	503.16	503.38	0.04	ppb
Sulfur	34-1	10825.79	11051.17	10940.77	10939.24	1.03	ppb
Terbium	159-1				107		%
Terbium	159-2				96		%
Thallium	203-1	503.77	477.42	477.43	486.21	3.13	ppb
Thallium	205-1	500.74	499.89	495.04	498.56	0.62	ppb
Thorium	232-1	476.82	478.89	478.07	477.93	0.22	ppb
Tin	118-1	528.10	520.41	520.82	523.11	0.83	ppb
Titanium	47-1	2476.30	2486.45	2462.42	2475.06	0.49	ppb
Uranium	238-1	471.94	473.84	478.54	474.78	0.72	ppb
Vanadium	51-2	505.43	497.95	505.95	503.11	0.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BS	Instrumnet Name :	P7
Client Sample ID :	PB123873BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:53:55	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1028.17	1014.79	1027.32	1023.43	0.73	ppb
Zirconium	90-1	508.19	505.84	498.68	504.23	0.98	ppb
Zirconium	91-1	503.21	498.29	498.50	500.00	0.56	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : K5154-21 Instrumnet Name : P7
 Client Sample ID : MW-102-S Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:57:30 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2022.10	1967.62	1950.90	1980.21	1.88	ppb
Antimony	121-1	9.57	9.23	9.20	9.33	2.24	ppb
Arsenic	75-1	45.31	47.80	48.50	47.20	3.56	ppb
Barium	135-1	90.27	88.96	86.06	88.43	2.43	ppb
Barium	137-1	90.31	89.13	87.70	89.05	1.46	ppb
Beryllium	9-1	0.22	0.11	0.10	0.14	45.88	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	47.90	43.99	41.41	44.44	7.36	ppb
Boron	11-1	48.63	45.88	45.21	46.57	3.89	ppb
Cadmium	111-1	0.43	0.43	0.16	0.34	46.34	ppb
Cadmium	106-1	0.40	1.37	-1.01	0.26	468.19	ppb
Cadmium	108-1	0.54	0.40	0.36	0.43	22.23	ppb
Calcium	43-1	20811.55	20922.54	21056.91	20930.33	0.59	ppb
Calcium	44-1	20789.52	21035.47	21048.53	20957.84	0.70	ppb
Chromium	52-2	9.20	9.36	8.92	9.16	2.43	ppb
Cobalt	59-2	1.50	1.45	1.44	1.46	2.25	ppb
Copper	63-2	21.84	22.57	21.99	22.13	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				93		%
Indium	115-1				100		%
Indium	115-2				85		%
Iron	56-2	2769.90	2793.85	2787.98	2783.91	0.45	ppb
Iron	57-2	2800.14	2853.63	2847.22	2833.66	1.03	ppb
Krypton	83-1						cps
Lead	206-1	8.03	8.10	7.82	7.98	1.80	ppb
Lead	207-1	7.66	7.56	7.34	7.52	2.17	ppb
Lead	208-1	7.77	7.74	7.55	7.69	1.53	ppb
Lithium	6-1				104		%
Magnesium	24-2	1006.15	1011.28	1001.53	1006.32	0.48	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-21	Instrumnet Name :	P7
Client Sample ID :	MW-102-S	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:57:30	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	72.21	72.38	72.53	72.37	0.23	ppb
Molybdenum	94-1	3.55	3.48	3.36	3.46	2.74	ppb
Molybdenum	95-1	1.69	1.41	1.43	1.51	10.57	ppb
Molybdenum	96-1	2.11	1.77	1.84	1.91	9.34	ppb
Molybdenum	97-1	1.93	1.58	1.46	1.66	14.92	ppb
Molybdenum	98-1	1.84	1.55	1.46	1.62	12.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.20	4.18	4.48	4.29	4.01	ppb
Phosphorus	31-2	75.97	40.90	51.70	56.19	31.96	ppb
Potassium	39-2	5150.33	5173.73	5054.03	5126.03	1.24	ppb
Rhodium	103-1				94		%
Rhodium	103-2				85		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	2.52	6.72	3.38	4.20	52.73	ppb
Selenium	78-2	0.92	0.92	0.93	0.93	0.58	ppb
Selenium	82-1	1.73	0.86	0.60	1.06	55.77	ppb
Silicon	28-1	8009.18	7998.49	7966.52	7991.40	0.28	ppb
Silver	109-1	0.67	0.58	0.48	0.58	16.62	ppb
Silver	107-1	0.64	0.58	0.52	0.58	10.38	ppb
Sodium	23-2	26223.97	26351.60	25862.10	26145.89	0.97	ppb
Strontium	86-1	358.15	352.46	352.05	354.22	0.96	ppb
Strontium	88-1	356.08	354.46	354.21	354.92	0.29	ppb
Sulfur	34-1	3379.04	3258.98	3085.57	3241.20	4.55	ppb
Terbium	159-1				101		%
Terbium	159-2				88		%
Thallium	203-1	2.33	1.92	1.53	1.93	20.83	ppb
Thallium	205-1	2.20	1.94	1.55	1.90	17.37	ppb
Thorium	232-1	0.75	0.69	0.67	0.70	5.42	ppb
Tin	118-1	4.04	3.68	3.50	3.74	7.30	ppb
Titanium	47-1	72.13	74.20	73.12	73.15	1.41	ppb
Uranium	238-1	0.89	0.86	0.80	0.85	5.26	ppb
Vanadium	51-2	6.54	6.82	6.60	6.65	2.17	ppb
Yttrium	89-1				99		%
Yttrium	89-2				85		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-21	Instrumnet Name :	P7
Client Sample ID :	MW-102-S	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:57:30	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	46.46	45.36	45.24	45.69	1.48	ppb
Zirconium	90-1	1.47	1.47	1.38	1.44	3.62	ppb
Zirconium	91-1	1.63	1.48	1.56	1.55	4.78	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	457.44	452.14	462.64	457.41	1.15	ppb
Antimony	121-1	2.37	2.30	2.36	2.34	1.67	ppb
Arsenic	75-1	53.97	52.56	56.76	54.43	3.93	ppb
Barium	135-1	87.89	88.32	88.40	88.20	0.31	ppb
Barium	137-1	86.96	88.66	88.53	88.05	1.08	ppb
Beryllium	9-1	0.04	0.04	0.06	0.05	22.10	ppb
Bismuth	209-1				94		%
Bismuth	209-2				83		%
Boron	10-1	325.35	332.55	335.46	331.12	1.57	ppb
Boron	11-1	340.50	342.65	347.16	343.44	0.99	ppb
Cadmium	111-1	-0.07	-0.05	-0.16	-0.09		ppb
Cadmium	106-1	-1.84	-1.63	-2.71	-2.06		ppb
Cadmium	108-1	0.17	0.20	0.11	0.16	28.17	ppb
Calcium	43-1	107257.03	107150.44	107515.96	107307.81	0.18	ppb
Calcium	44-1	107962.64	109212.83	109127.77	108767.75	0.64	ppb
Chromium	52-2	7.09	6.82	7.14	7.01	2.46	ppb
Cobalt	59-2	0.64	0.62	0.69	0.65	5.25	ppb
Copper	63-2	14.37	14.40	14.49	14.42	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				91		%
Indium	115-1				94		%
Indium	115-2				80		%
Iron	56-2	987.76	999.71	988.96	992.14	0.66	ppb
Iron	57-2	1263.40	1248.11	1239.88	1250.47	0.95	ppb
Krypton	83-1						cps
Lead	206-1	6.21	6.09	6.20	6.17	1.07	ppb
Lead	207-1	5.97	5.79	5.86	5.87	1.58	ppb
Lead	208-1	6.00	5.89	5.95	5.95	0.95	ppb
Lithium	6-1				107		%
Magnesium	24-2	25356.47	25500.22	25239.10	25365.26	0.52	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	80.54	81.48	80.76	80.93	0.61	ppb
Molybdenum	94-1	0.98	0.97	0.86	0.93	7.21	ppb
Molybdenum	95-1	0.38	0.52	0.51	0.47	16.79	ppb
Molybdenum	96-1	0.67	0.50	0.71	0.63	17.87	ppb
Molybdenum	97-1	0.44	0.42	0.51	0.46	9.68	ppb
Molybdenum	98-1	0.48	0.50	0.45	0.47	5.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.51	2.47	2.40	2.46	2.17	ppb
Phosphorus	31-2	57.27	26.74	31.06	38.36	43.07	ppb
Potassium	39-2	5548.21	5572.73	5463.07	5528.01	1.04	ppb
Rhodium	103-1				87		%
Rhodium	103-2				79		%
Scandium	45-1				89		%
Scandium	45-2				80		%
Selenium	77-2	3.54	1.74	0.90	2.06	65.46	ppb
Selenium	78-2	-0.03	0.97	1.02	0.65	90.71	ppb
Selenium	82-1	2.41	1.27	1.94	1.87	30.73	ppb
Silicon	28-1	12320.77	12472.79	12581.91	12458.49	1.05	ppb
Silver	109-1	0.25	0.26	0.26	0.25	2.12	ppb
Silver	107-1	0.22	0.23	0.26	0.24	7.98	ppb
Sodium	23-2	97780.70	97009.02	96153.43	96981.05	0.84	ppb
Strontium	86-1	216.98	212.12	213.48	214.19	1.17	ppb
Strontium	88-1	207.90	207.93	207.07	207.63	0.24	ppb
Sulfur	34-1	23443.50	23560.98	23679.58	23561.36	0.50	ppb
Terbium	159-1				99		%
Terbium	159-2				86		%
Thallium	203-1	0.32	0.29	0.28	0.30	6.10	ppb
Thallium	205-1	0.29	0.27	0.25	0.27	7.90	ppb
Thorium	232-1	0.18	0.17	0.17	0.18	3.28	ppb
Tin	118-1	2.08	2.13	2.00	2.07	3.18	ppb
Titanium	47-1	24.42	24.30	25.02	24.58	1.56	ppb
Uranium	238-1	3.93	3.89	3.89	3.90	0.58	ppb
Vanadium	51-2	2.79	2.64	2.78	2.74	3.13	ppb
Yttrium	89-1				94		%
Yttrium	89-2				80		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	26.81	26.81	27.26	26.96	0.95	ppb
Zirconium	90-1	0.36	0.33	0.33	0.34	3.92	ppb
Zirconium	91-1	0.38	0.34	0.32	0.35	9.04	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52249.23	51540.09	51106.21	51631.84	1.12	ppb
Antimony	121-1	546.29	543.39	543.28	544.32	0.31	ppb
Arsenic	75-1	546.18	540.40	541.34	542.64	0.57	ppb
Barium	135-1	2427.48	2394.43	2395.37	2405.76	0.78	ppb
Barium	137-1	2518.07	2492.29	2471.45	2493.94	0.94	ppb
Beryllium	9-1	493.08	485.99	487.23	488.77	0.77	ppb
Bismuth	209-1				89		%
Bismuth	209-2				82		%
Boron	10-1	492.02	495.72	495.80	494.52	0.44	ppb
Boron	11-1	506.40	504.92	498.29	503.21	0.86	ppb
Cadmium	111-1	512.30	512.34	513.59	512.74	0.14	ppb
Cadmium	106-1	510.80	525.73	505.15	513.89	2.07	ppb
Cadmium	108-1	525.68	517.87	510.93	518.16	1.42	ppb
Calcium	43-1	250603.06	246650.91	248973.02	248742.33	0.80	ppb
Calcium	44-1	253390.78	251150.10	252935.54	252492.14	0.47	ppb
Chromium	52-2	505.23	499.08	501.55	501.95	0.62	ppb
Cobalt	59-2	484.00	482.09	479.13	481.74	0.51	ppb
Copper	63-2	1011.65	1012.76	1007.62	1010.68	0.27	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				91		%
Indium	115-2				83		%
Iron	56-2	127728.82	127578.58	125815.17	127040.86	0.84	ppb
Iron	57-2	125782.13	124178.99	124450.41	124803.84	0.69	ppb
Krypton	83-1						cps
Lead	206-1	491.93	489.30	491.39	490.87	0.28	ppb
Lead	207-1	489.91	486.70	492.21	489.61	0.56	ppb
Lead	208-1	498.61	494.69	500.36	497.89	0.58	ppb
Lithium	6-1				88		%
Magnesium	24-2	258039.85	255362.44	250455.38	254619.22	1.51	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	972.00	966.40	959.02	965.81	0.67	ppb
Molybdenum	94-1	2495.48	2467.86	2503.63	2488.99	0.75	ppb
Molybdenum	95-1	2495.72	2462.05	2475.17	2477.65	0.68	ppb
Molybdenum	96-1	2509.77	2459.56	2473.21	2480.85	1.05	ppb
Molybdenum	97-1	2412.78	2336.86	2368.78	2372.81	1.61	ppb
Molybdenum	98-1	2503.69	2439.76	2468.63	2470.70	1.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.22	484.81	479.32	482.79	0.62	ppb
Phosphorus	31-2	10464.00	10233.59	9804.48	10167.35	3.29	ppb
Potassium	39-2	127540.71	125187.56	125231.59	125986.62	1.07	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				89		%
Scandium	45-2				88		%
Selenium	77-2	515.23	527.51	525.18	522.64	1.25	ppb
Selenium	78-2	514.52	499.73	519.15	511.13	1.98	ppb
Selenium	82-1	498.01	490.05	497.89	495.32	0.92	ppb
Silicon	28-1	527.01	523.56	532.36	527.64	0.84	ppb
Silver	109-1	497.15	498.03	494.43	496.54	0.38	ppb
Silver	107-1	496.42	496.67	493.61	495.57	0.34	ppb
Sodium	23-2	258477.39	255592.54	251231.45	255100.46	1.43	ppb
Strontium	86-1	496.41	489.83	494.19	493.48	0.68	ppb
Strontium	88-1	500.75	493.34	497.04	497.04	0.74	ppb
Sulfur	34-1	10909.19	10719.82	11027.83	10885.61	1.43	ppb
Terbium	159-1				99		%
Terbium	159-2				91		%
Thallium	203-1	489.19	484.39	487.04	486.87	0.49	ppb
Thallium	205-1	506.58	503.37	504.81	504.92	0.32	ppb
Thorium	232-1	516.03	507.61	514.07	512.57	0.86	ppb
Tin	118-1	496.61	494.97	491.66	494.42	0.51	ppb
Titanium	47-1	2502.23	2493.70	2510.48	2502.14	0.34	ppb
Uranium	238-1	511.76	507.24	518.24	512.42	1.08	ppb
Vanadium	51-2	495.43	493.13	491.13	493.23	0.44	ppb
Yttrium	89-1				93		%
Yttrium	89-2				87		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1003.45	1004.70	996.70	1001.61	0.43	ppb
Zirconium	90-1	483.22	483.53	484.22	483.66	0.11	ppb
Zirconium	91-1	499.97	500.84	498.31	499.71	0.26	ppb

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 14:23:03 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.73	7.37	6.26	6.45	12.99	ppb
Antimony	121-1	0.33	0.39	0.36	0.36	8.94	ppb
Arsenic	75-1	0.24	0.03	0.16	0.14	75.85	ppb
Barium	135-1	0.32	0.30	0.18	0.27	29.03	ppb
Barium	137-1	0.34	0.32	0.29	0.32	8.23	ppb
Beryllium	9-1	0.11	0.09	0.11	0.10	10.28	ppb
Bismuth	209-1				106		%
Bismuth	209-2				97		%
Boron	10-1	27.55	25.03	25.30	25.96	5.33	ppb
Boron	11-1	27.34	26.92	26.26	26.84	2.03	ppb
Cadmium	111-1	-0.01	0.00	-0.05	-0.02		ppb
Cadmium	106-1	-1.05	-1.24	-1.72	-1.33		ppb
Cadmium	108-1	0.07	0.04	0.10	0.07	41.60	ppb
Calcium	43-1	28.18	30.77	21.48	26.81	17.89	ppb
Calcium	44-1	32.88	32.95	28.82	31.55	7.50	ppb
Chromium	52-2	0.06	0.08	0.06	0.07	15.72	ppb
Cobalt	59-2	0.04	0.05	0.03	0.04	17.83	ppb
Copper	63-2	0.57	0.55	0.60	0.57	4.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				95		%
Iron	56-2	14.71	13.69	13.55	13.98	4.51	ppb
Iron	57-2	17.45	14.07	15.02	15.51	11.23	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.13	0.13	0.13	0.60	ppb
Lead	207-1	0.15	0.13	0.15	0.14	10.85	ppb
Lead	208-1	0.15	0.14	0.14	0.14	3.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	27.61	25.11	25.64	26.12	5.04	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:23:03	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.08	0.10	0.03	0.07	47.17	ppb
Molybdenum	94-1	0.46	0.44	0.42	0.44	4.45	ppb
Molybdenum	95-1	0.50	0.43	0.46	0.46	7.24	ppb
Molybdenum	96-1	0.52	0.51	0.47	0.50	4.60	ppb
Molybdenum	97-1	0.53	0.48	0.61	0.54	12.20	ppb
Molybdenum	98-1	0.50	0.46	0.45	0.47	5.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.10	-0.10	-0.07		ppb
Phosphorus	31-2	-11.03	-27.48	-11.27	-16.59		ppb
Potassium	39-2	38.81	41.87	38.50	39.72	4.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				95		%
Selenium	77-2	0.00	0.00	0.74	0.25	173.21	ppb
Selenium	78-2	0.39	0.03	-0.10	0.11	240.55	ppb
Selenium	82-1	0.31	-0.41	0.38	0.09	476.93	ppb
Silicon	28-1	3.09	2.91	2.82	2.94	4.78	ppb
Silver	109-1	0.14	0.12	0.13	0.13	4.95	ppb
Silver	107-1	0.10	0.12	0.11	0.11	9.52	ppb
Sodium	23-2	99.27	97.28	96.31	97.62	1.55	ppb
Strontium	86-1	0.12	0.14	0.07	0.11	30.04	ppb
Strontium	88-1	0.07	0.06	0.05	0.06	10.85	ppb
Sulfur	34-1	703.33	764.16	1062.09	843.19	22.77	ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	0.19	0.18	0.17	0.18	6.19	ppb
Thallium	205-1	0.18	0.15	0.16	0.17	10.58	ppb
Thorium	232-1	0.11	0.11	0.10	0.11	4.91	ppb
Tin	118-1	0.53	0.17	0.18	0.29	69.95	ppb
Titanium	47-1	0.41	0.35	0.30	0.35	15.79	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.06	ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	38.20	ppb
Yttrium	89-1				105		%
Yttrium	89-2				95		%

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:23:03	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.09	0.18	0.20	0.16	37.86	ppb
Zirconium	90-1	0.08	0.07	0.08	0.08	12.30	ppb
Zirconium	91-1	0.10	0.07	0.08	0.08	21.00	ppb

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:29:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	17	22	21.64	cps
Antimony	121-1	33	50	25	36	35.25	cps
Arsenic	75-1	-1215	-1204	-1023	-1147	-9.40	cps
Barium	135-1	92	133	83	103	26.06	cps
Barium	137-1	67	142	108	106	35.60	cps
Beryllium	9-1	72	61	44	59	23.59	cps
Bismuth	209-1	9766283	9707064	9801137	9758161	0.49	cps
Bismuth	209-2	4430450	4450079	4410694	4430408	0.44	cps
Boron	10-1	300	142	292	244	36.45	cps
Boron	11-1	1008	1100	1217	1108	9.42	cps
Cadmium	111-1	2578	2526	2645	2583	2.31	cps
Cadmium	106-1	3642	3576	3742	3653	2.30	cps
Cadmium	108-1	4	8	17	10	65.47	cps
Calcium	43-1	142	108	108	119	16.11	cps
Calcium	44-1	2692	2792	2675	2720	2.32	cps
Chromium	52-2	407	373	407	396	4.87	cps
Cobalt	59-2	87	60	120	89	33.82	cps
Copper	63-2	347	330	357	344	3.91	cps
Dysprosium	156-1	33	33	33	33	0.02	cps
Dysprosium	156-2	40	13	17	23	62.27	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	93	83	83	87	6.66	cps
Gadolinium	160-1	25	75	50	50	50.00	cps
Gadolinium	160-2	133	93	113	113	17.65	cps
Holmium	165-1	13198328	13250922	13322925	13257392	0.47	cps
Holmium	165-2	5696734	5693892	5600185	5663604	0.97	cps
Indium	115-1	8208846	8204224	8330533	8247868	0.87	cps
Indium	115-2	1321121	1315309	1304266	1313565	0.65	cps
Iron	56-2	1245	1378	1361	1328	5.47	cps
Iron	57-2	28	33	50	37	31.22	cps
Krypton	83-1	510	507	463	493	5.28	cps
Lead	206-1	1083	978	1106	1056	6.47	cps
Lead	207-1	1022	889	950	954	7.00	cps
Lead	208-1	3578	3317	3578	3491	4.32	cps
Lithium	6-1	2571516	2555369	2537555	2554813	0.66	cps
Magnesium	24-2	175	158	133	156	13.48	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:29:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	73	51	38.21	cps
Molybdenum	94-1	267	217	133	206	32.77	cps
Molybdenum	95-1	58	67	42	56	22.91	cps
Molybdenum	96-1	108	108	125	114	8.45	cps
Molybdenum	97-1	25	25	42	31	31.50	cps
Molybdenum	98-1	117	75	83	92	24.05	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	157	150	170	159	6.41	cps
Phosphorus	31-2	33	50	17	33	49.99	cps
Potassium	39-2	5068	4943	5151	5054	2.08	cps
Rhodium	103-1	7090293	7039232	7073907	7067811	0.37	cps
Rhodium	103-2	3297895	3326198	3265109	3296401	0.93	cps
Scandium	45-1	4461703	4416994	4363587	4414095	1.11	cps
Scandium	45-2	184317	187128	182418	184621	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	9	7	43.34	cps
Selenium	82-1	11	3	26	13	85.67	cps
Silicon	28-1	52852	54625	53061	53513	1.81	cps
Silver	109-1	25	0	17	14	91.65	cps
Silver	107-1	83	92	58	78	22.30	cps
Sodium	23-2	3909	4251	4184	4115	4.40	cps
Strontium	86-1	917	783	808	836	8.48	cps
Strontium	88-1	92	75	133	100	30.04	cps
Sulfur	34-1	258073	258561	258803	258479	0.14	cps
Terbium	159-1	13223956	13314141	13366875	13301657	0.54	cps
Terbium	159-2	5473689	5437794	5369524	5427002	0.98	cps
Thallium	203-1	567	583	492	547	8.92	cps
Thallium	205-1	1000	883	900	928	6.80	cps
Thorium	232-1	2134	2439	2189	2254	7.22	cps
Tin	118-1	575	575	608	586	3.28	cps
Titanium	47-1	42	75	25	47	53.91	cps
Uranium	238-1	3826	3667	3559	3684	3.64	cps
Vanadium	51-2	37	7	7	17	103.90	cps
Yttrium	89-1	7691505	7656336	7740100	7695981	0.55	cps
Yttrium	89-2	930224	946726	932649	936533	0.95	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:29:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	243	237	233	5.15	cps
Zirconium	90-1	550	583	658	597	9.29	cps
Zirconium	91-1	133	125	108	122	10.41	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:37:34 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1283	1250	1442	1325	7.73	cps
Antimony	121-1	14875	14658	14708	14747	0.77	cps
Arsenic	75-1	-122	53	-212	-94	-143.49	cps
Barium	135-1	18455	18897	18513	18622	1.29	cps
Barium	137-1	32690	32380	33232	32767	1.32	cps
Beryllium	9-1	1567	1567	1495	1543	2.70	cps
Bismuth	209-1	10230794	10203760	10201231	10211929	0.16	cps
Bismuth	209-2	4468314	4483157	4455175	4468882	0.31	cps
Boron	10-1	7544	7661	8127	7777	3.97	cps
Boron	11-1	35217	35217	35050	35161	0.27	cps
Cadmium	111-1	4615	4789	4387	4597	4.38	cps
Cadmium	106-1	3917	4009	3826	3917	2.34	cps
Cadmium	108-1	200	129	225	185	26.91	cps
Calcium	43-1	9679	9420	9412	9503	1.60	cps
Calcium	44-1	161616	159923	159610	160383	0.67	cps
Chromium	52-2	3991	4007	4227	4075	3.24	cps
Cobalt	59-2	2997	3197	2984	3059	3.91	cps
Copper	63-2	4594	4451	4284	4443	3.49	cps
Dysprosium	156-1	17	33	50	33	50.00	cps
Dysprosium	156-2	23	17	20	20	16.65	cps
Erbium	164-1	67	67	100	78	24.74	cps
Erbium	164-2	80	47	40	56	38.57	cps
Gadolinium	160-1	50	67	42	53	24.12	cps
Gadolinium	160-2	147	100	133	127	18.98	cps
Holmium	165-1	14046306	14129686	13975898	14050630	0.55	cps
Holmium	165-2	5997708	5963564	5915542	5958938	0.69	cps
Indium	115-1	8652014	8641299	8562376	8618563	0.57	cps
Indium	115-2	1328415	1318762	1336324	1327834	0.66	cps
Iron	56-2	87152	87627	87649	87476	0.32	cps
Iron	57-2	2334	2300	2200	2278	3.05	cps
Krypton	83-1	613	627	517	586	10.25	cps
Lead	206-1	9787	9804	9576	9722	1.31	cps
Lead	207-1	8525	8470	8737	8577	1.64	cps
Lead	208-1	37977	38089	38695	38254	1.01	cps
Lithium	6-1	2611474	2601696	2604464	2605878	0.19	cps
Magnesium	24-2	83842	84948	86206	84999	1.39	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:37:34	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1150	1223	1230	1201	3.70	cps
Molybdenum	94-1	13841	13707	13640	13729	0.74	cps
Molybdenum	95-1	17370	16977	17678	17342	2.03	cps
Molybdenum	96-1	19981	18796	18838	19205	3.50	cps
Molybdenum	97-1	11780	11021	10996	11266	3.95	cps
Molybdenum	98-1	28254	28830	27795	28293	1.83	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	13	17	3	11	62.48	cps
Nickel	60-2	937	743	937	872	12.80	cps
Phosphorus	31-2	208	225	175	203	12.55	cps
Potassium	39-2	60165	60416	59989	60190	0.36	cps
Rhodium	103-1	7403699	7376410	7418975	7399694	0.29	cps
Rhodium	103-2	3358659	3325584	3337863	3340702	0.50	cps
Scandium	45-1	4557045	4569931	4545143	4557373	0.27	cps
Scandium	45-2	185771	188030	187733	187178	0.66	cps
Selenium	77-2	27	30	33	30	11.10	cps
Selenium	78-2	126	119	102	115	10.68	cps
Selenium	82-1	726	641	875	747	15.81	cps
Silicon	28-1	94959	96769	94901	95543	1.11	cps
Silver	109-1	5285	5910	5009	5401	8.54	cps
Silver	107-1	5835	6202	5710	5915	4.32	cps
Sodium	23-2	161898	162437	162587	162308	0.22	cps
Strontium	86-1	3075	3034	2959	3023	1.96	cps
Strontium	88-1	18354	19489	18496	18780	3.29	cps
Sulfur	34-1	262788	262781	262600	262723	0.04	cps
Terbium	159-1	14114358	14151841	13991479	14085893	0.60	cps
Terbium	159-2	5396117	5437992	5416406	5416838	0.39	cps
Thallium	203-1	10880	11339	11305	11175	2.29	cps
Thallium	205-1	26185	26452	25859	26165	1.14	cps
Thorium	232-1	37309	37398	37292	37333	0.15	cps
Tin	118-1	33349	33792	33474	33538	0.68	cps
Titanium	47-1	4367	4801	4401	4523	5.33	cps
Uranium	238-1	43474	43239	42662	43125	0.97	cps
Vanadium	51-2	7239	7349	7402	7330	1.14	cps
Yttrium	89-1	8057108	7997490	8013196	8022598	0.39	cps
Yttrium	89-2	949416	943296	940032	944248	0.50	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:37:34	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	913	1100	973	996	9.57	cps
Zirconium	90-1	10871	10513	10704	10696	1.68	cps
Zirconium	91-1	2200	2425	2384	2336	5.12	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:41:28 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61695	63436	62674	62601	1.39	cps
Antimony	121-1	375444	370703	369864	372004	0.81	cps
Arsenic	75-1	65508	66527	65237	65757	1.03	cps
Barium	135-1	460837	457682	454491	457670	0.69	cps
Barium	137-1	811134	796916	811249	806433	1.02	cps
Beryllium	9-1	73182	73405	72333	72973	0.77	cps
Bismuth	209-1	10169170	10108660	10150813	10142881	0.31	cps
Bismuth	209-2	4400041	4451670	4435458	4429056	0.60	cps
Boron	10-1	15258	14833	14991	15027	1.43	cps
Boron	11-1	70365	70096	70800	70420	0.50	cps
Cadmium	111-1	107450	109074	107938	108154	0.77	cps
Cadmium	106-1	15618	16252	16702	16190	3.37	cps
Cadmium	108-1	9082	8669	8765	8839	2.44	cps
Calcium	43-1	97983	94778	94811	95857	1.92	cps
Calcium	44-1	1577026	1568140	1539115	1561427	1.27	cps
Chromium	52-2	88956	88584	89641	89060	0.60	cps
Cobalt	59-2	145294	145839	144647	145260	0.41	cps
Copper	63-2	202669	204028	203190	203296	0.34	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	27	27	20	24	15.75	cps
Erbium	164-1	100	58	142	100	41.67	cps
Erbium	164-2	70	77	47	64	24.44	cps
Gadolinium	160-1	125	25	58	69	73.32	cps
Gadolinium	160-2	157	133	187	159	16.83	cps
Holmium	165-1	13965275	14080612	13955586	14000491	0.50	cps
Holmium	165-2	5847011	5841192	5883764	5857322	0.39	cps
Indium	115-1	8501679	8503596	8502063	8502446	0.01	cps
Indium	115-2	1287009	1298163	1297329	1294167	0.48	cps
Iron	56-2	3866293	3912067	3880779	3886380	0.60	cps
Iron	57-2	98271	100094	98719	99028	0.96	cps
Krypton	83-1	553	543	583	560	3.72	cps
Lead	206-1	439255	438550	437814	438540	0.16	cps
Lead	207-1	386952	388793	385197	386981	0.46	cps
Lead	208-1	1767183	1764282	1768068	1766511	0.11	cps
Lithium	6-1	2558483	2546191	2535194	2546623	0.46	cps
Magnesium	24-2	795867	814633	807135	805878	1.17	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:41:28	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	107445	110162	107751	108453	1.37	cps
Molybdenum	94-1	683652	683427	675000	680693	0.72	cps
Molybdenum	95-1	842420	851219	832319	841986	1.12	cps
Molybdenum	96-1	936189	938333	924159	932894	0.82	cps
Molybdenum	97-1	532243	532249	528563	531019	0.40	cps
Molybdenum	98-1	1376171	1382365	1371052	1376529	0.41	cps
Neodymium	150-1	40	33	40	38	10.19	cps
Neodymium	150-2	3	3	17	8	99.04	cps
Nickel	60-2	37501	37899	38126	37842	0.84	cps
Phosphorus	31-2	2584	2634	2917	2711	6.63	cps
Potassium	39-2	273026	279512	278043	276860	1.23	cps
Rhodium	103-1	7174085	7224052	7183072	7193736	0.37	cps
Rhodium	103-2	3214379	3230171	3235493	3226681	0.34	cps
Scandium	45-1	4504823	4477085	4424747	4468885	0.91	cps
Scandium	45-2	178399	180718	180934	180017	0.78	cps
Selenium	77-2	257	280	317	284	10.63	cps
Selenium	78-2	894	928	878	900	2.83	cps
Selenium	82-1	7355	7345	7512	7404	1.26	cps
Silicon	28-1	243593	239827	238041	240487	1.18	cps
Silver	109-1	451984	452689	455899	453524	0.46	cps
Silver	107-1	467584	464751	467699	466678	0.36	cps
Sodium	23-2	1547771	1570291	1543422	1553828	0.93	cps
Strontium	86-1	105132	107953	106769	106618	1.33	cps
Strontium	88-1	945567	935720	918379	933222	1.47	cps
Sulfur	34-1	303923	304019	299491	302478	0.86	cps
Terbium	159-1	14004414	13966268	13876141	13948941	0.47	cps
Terbium	159-2	5383906	5334131	5360742	5359593	0.46	cps
Thallium	203-1	528026	533297	522211	527844	1.05	cps
Thallium	205-1	1273143	1277544	1262395	1271027	0.61	cps
Thorium	232-1	1957288	1963571	1957538	1959466	0.18	cps
Tin	118-1	317395	322873	315995	318754	1.14	cps
Titanium	47-1	209211	209288	204643	207714	1.28	cps
Uranium	238-1	1996276	2000805	2001829	1999637	0.15	cps
Vanadium	51-2	66988	67460	67025	67157	0.39	cps
Yttrium	89-1	7978347	7948606	7864969	7930641	0.74	cps
Yttrium	89-2	914440	923752	917224	918472	0.52	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:41:28	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34885	35426	35122	35145	0.77	cps
Zirconium	90-1	559518	551142	548866	553175	1.01	cps
Zirconium	91-1	123925	124438	123570	123978	0.35	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	143516	141420	139453	141463	1.44	cps
Antimony	121-1	882607	877513	859789	873303	1.37	cps
Arsenic	75-1	154603	152200	153985	153596	0.81	cps
Barium	135-1	1079155	1070207	1061890	1070417	0.81	cps
Barium	137-1	1884822	1873981	1869573	1876125	0.42	cps
Beryllium	9-1	165221	167109	164863	165731	0.73	cps
Bismuth	209-1	9855031	9810435	9752982	9806150	0.52	cps
Bismuth	209-2	4256459	4295930	4228908	4260433	0.79	cps
Boron	10-1	34148	33780	33814	33914	0.60	cps
Boron	11-1	158078	157212	157362	157551	0.29	cps
Cadmium	111-1	249098	245416	249276	247930	0.88	cps
Cadmium	106-1	32948	33532	32981	33154	0.99	cps
Cadmium	108-1	20674	20857	20248	20593	1.52	cps
Calcium	43-1	228008	221264	218685	222652	2.16	cps
Calcium	44-1	3602390	3559948	3525424	3562587	1.08	cps
Chromium	52-2	205643	202219	202713	203525	0.91	cps
Cobalt	59-2	330788	333438	324734	329653	1.35	cps
Copper	63-2	462224	461701	451279	458401	1.35	cps
Dysprosium	156-1	33	33	75	47	50.95	cps
Dysprosium	156-2	37	30	50	39	26.18	cps
Erbium	164-1	75	133	142	117	31.14	cps
Erbium	164-2	50	70	67	62	17.22	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	113	127	137	126	9.32	cps
Holmium	165-1	13866143	13697728	13770979	13778283	0.61	cps
Holmium	165-2	5771648	5767299	5657796	5732248	1.13	cps
Indium	115-1	8216431	8226623	8151205	8198086	0.50	cps
Indium	115-2	1236592	1231541	1220377	1229503	0.67	cps
Iron	56-2	8893963	8838869	8715798	8816210	1.03	cps
Iron	57-2	224976	227496	222837	225103	1.04	cps
Krypton	83-1	580	557	470	536	10.82	cps
Lead	206-1	1044367	1041404	1032581	1039451	0.59	cps
Lead	207-1	927164	910111	911621	916299	1.03	cps
Lead	208-1	4200890	4166487	4143207	4170194	0.70	cps
Lithium	6-1	2447356	2415559	2416218	2426378	0.75	cps
Magnesium	24-2	1865578	1857836	1830400	1851271	1.00	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246847	246464	242001	245104	1.10	cps
Molybdenum	94-1	1603328	1582342	1574811	1586827	0.93	cps
Molybdenum	95-1	1983013	1961259	1948097	1964123	0.90	cps
Molybdenum	96-1	2190880	2164036	2154688	2169868	0.87	cps
Molybdenum	97-1	1245979	1234530	1224994	1235168	0.85	cps
Molybdenum	98-1	3202354	3181541	3157768	3180555	0.70	cps
Neodymium	150-1	107	113	107	109	3.54	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	85886	85917	83499	85101	1.63	cps
Phosphorus	31-2	6510	6668	6410	6529	2.00	cps
Potassium	39-2	631541	614724	616379	620881	1.49	cps
Rhodium	103-1	6886967	6874675	6845253	6868965	0.31	cps
Rhodium	103-2	3105656	3082394	3027958	3072003	1.30	cps
Scandium	45-1	4281276	4286571	4252277	4273375	0.43	cps
Scandium	45-2	172558	170371	168253	170394	1.26	cps
Selenium	77-2	580	633	533	582	8.59	cps
Selenium	78-2	2030	2039	2119	2063	2.37	cps
Selenium	82-1	17405	17279	16945	17210	1.38	cps
Silicon	28-1	475969	475578	476081	475876	0.06	cps
Silver	109-1	1053251	1027727	1037619	1039532	1.24	cps
Silver	107-1	1082696	1070570	1070272	1074513	0.66	cps
Sodium	23-2	3607958	3598399	3526542	3577633	1.24	cps
Strontium	86-1	248589	244567	246011	246389	0.83	cps
Strontium	88-1	2158715	2158993	2142734	2153481	0.43	cps
Sulfur	34-1	338591	337557	335587	337245	0.45	cps
Terbium	159-1	13692399	13561289	13607600	13620430	0.49	cps
Terbium	159-2	5213536	5260756	5151503	5208598	1.05	cps
Thallium	203-1	1245812	1238590	1251072	1245158	0.50	cps
Thallium	205-1	2982941	2980484	3002123	2988516	0.40	cps
Thorium	232-1	4661478	4620161	4610648	4630762	0.58	cps
Tin	118-1	751929	744963	745173	747355	0.53	cps
Titanium	47-1	480969	478597	468929	476165	1.34	cps
Uranium	238-1	4733750	4690539	4691786	4705358	0.52	cps
Vanadium	51-2	155772	154681	152626	154360	1.03	cps
Yttrium	89-1	7644296	7627456	7550972	7607574	0.65	cps
Yttrium	89-2	893659	887848	864068	881858	1.78	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:45:23	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80403	79622	79746	79924	0.53	cps
Zirconium	90-1	1303192	1294524	1273744	1290487	1.17	cps
Zirconium	91-1	293306	291254	288732	291097	0.79	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:49:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255872	255886	251912	254557	0.90	cps
Antimony	121-1	1663398	1621667	1628243	1637769	1.37	cps
Arsenic	75-1	288081	272195	279824	280033	2.84	cps
Barium	135-1	2005867	1984203	1992188	1994086	0.55	cps
Barium	137-1	3537368	3466211	3495034	3499538	1.02	cps
Beryllium	9-1	308481	304067	304780	305776	0.77	cps
Bismuth	209-1	9493461	9291476	9467343	9417427	1.17	cps
Bismuth	209-2	3983422	3994057	4050080	4009186	0.89	cps
Boron	10-1	61367	62220	63551	62379	1.76	cps
Boron	11-1	287295	290067	294791	290718	1.30	cps
Cadmium	111-1	460489	455753	454402	456881	0.70	cps
Cadmium	106-1	57952	58254	56647	57618	1.48	cps
Cadmium	108-1	37663	37533	37713	37636	0.25	cps
Calcium	43-1	415128	408534	403560	409074	1.42	cps
Calcium	44-1	6717863	6634390	6584498	6645584	1.01	cps
Chromium	52-2	366224	362895	365178	364765	0.47	cps
Cobalt	59-2	580806	583191	583379	582459	0.25	cps
Copper	63-2	810445	816855	807656	811652	0.58	cps
Dysprosium	156-1	92	67	33	64	45.81	cps
Dysprosium	156-2	50	43	33	42	19.87	cps
Erbium	164-1	67	92	92	83	17.32	cps
Erbium	164-2	57	57	77	63	18.23	cps
Gadolinium	160-1	58	83	75	72	17.62	cps
Gadolinium	160-2	137	110	107	118	13.96	cps
Holmium	165-1	13165595	13134662	13097019	13132425	0.26	cps
Holmium	165-2	5384136	5335197	5372108	5363814	0.48	cps
Indium	115-1	7745345	7677158	7751066	7724523	0.53	cps
Indium	115-2	1129845	1132285	1137564	1133231	0.35	cps
Iron	56-2	15885210	15837116	15821290	15847872	0.21	cps
Iron	57-2	402904	404210	405848	404321	0.36	cps
Krypton	83-1	480	477	517	491	4.52	cps
Lead	206-1	1965104	1914471	1946395	1941990	1.32	cps
Lead	207-1	1758917	1709620	1735479	1734672	1.42	cps
Lead	208-1	7940678	7752220	7852338	7848412	1.20	cps
Lithium	6-1	2250250	2227337	2219254	2232280	0.72	cps
Magnesium	24-2	3325996	3297235	3310116	3311116	0.44	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:49:13	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	445529	439546	443776	442950	0.69	cps
Molybdenum	94-1	2943285	2932849	2941400	2939178	0.19	cps
Molybdenum	95-1	3643474	3608304	3578963	3610247	0.89	cps
Molybdenum	96-1	4047549	3972147	3965883	3995193	1.14	cps
Molybdenum	97-1	2288153	2275341	2250300	2271265	0.85	cps
Molybdenum	98-1	6007898	5965704	5905257	5959620	0.87	cps
Neodymium	150-1	167	213	180	187	12.88	cps
Neodymium	150-2	17	13	10	13	25.01	cps
Nickel	60-2	151756	151746	149142	150881	1.00	cps
Phosphorus	31-2	11980	11463	11346	11597	2.91	cps
Potassium	39-2	1113561	1105004	1102043	1106869	0.54	cps
Rhodium	103-1	6381576	6319443	6316492	6339170	0.58	cps
Rhodium	103-2	2793625	2783366	2803819	2793603	0.37	cps
Scandium	45-1	4022084	3917159	3930739	3956660	1.44	cps
Scandium	45-2	156133	152802	155509	154814	1.14	cps
Selenium	77-2	1147	1087	990	1075	7.36	cps
Selenium	78-2	3734	3563	3599	3632	2.48	cps
Selenium	82-1	32222	31938	31594	31918	0.99	cps
Silicon	28-1	824242	816554	822800	821199	0.50	cps
Silver	109-1	1920451	1892428	1899242	1904041	0.77	cps
Silver	107-1	1993400	1945240	1961502	1966714	1.25	cps
Sodium	23-2	6471551	6479993	6430008	6460517	0.41	cps
Strontium	86-1	463391	460082	458469	460647	0.54	cps
Strontium	88-1	4025058	3944708	3942816	3970861	1.18	cps
Sulfur	34-1	398055	397960	393615	396543	0.64	cps
Terbium	159-1	13218554	13012234	13125006	13118598	0.79	cps
Terbium	159-2	4965282	4912244	4994899	4957475	0.84	cps
Thallium	203-1	2323390	2334161	2344409	2333987	0.45	cps
Thallium	205-1	5784239	5688248	5747993	5740160	0.84	cps
Thorium	232-1	9280151	9083327	9188049	9183842	1.07	cps
Tin	118-1	1420349	1389002	1398281	1402544	1.15	cps
Titanium	47-1	885022	864770	862544	870779	1.42	cps
Uranium	238-1	9479083	9301940	9395902	9392308	0.94	cps
Vanadium	51-2	277955	276100	275381	276479	0.48	cps
Yttrium	89-1	7229120	7122254	7110277	7153884	0.91	cps
Yttrium	89-2	800669	800806	809478	803651	0.63	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:49:13	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	141676	143140	142197	142338	0.52	cps
Zirconium	90-1	2422174	2401226	2397110	2406837	0.56	cps
Zirconium	91-1	539607	542359	545923	542630	0.58	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:53:01 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	470089	468166	465465	467907	0.50	cps
Antimony	121-1	3037267	3033014	3043621	3037967	0.18	cps
Arsenic	75-1	503106	502195	506394	503899	0.44	cps
Barium	135-1	3700811	3693745	3686677	3693744	0.19	cps
Barium	137-1	6679991	6669903	6693716	6681203	0.18	cps
Beryllium	9-1	548745	545618	546785	547049	0.29	cps
Bismuth	209-1	8932260	8916893	8923992	8924381	0.09	cps
Bismuth	209-2	3780353	3802998	3780794	3788048	0.34	cps
Boron	10-1	112265	112625	114692	113194	1.16	cps
Boron	11-1	526774	526301	533031	528702	0.71	cps
Cadmium	111-1	831984	837835	837601	835807	0.40	cps
Cadmium	106-1	102377	102234	103182	102597	0.50	cps
Cadmium	108-1	70030	69109	68653	69264	1.01	cps
Calcium	43-1	740937	747995	738808	742580	0.65	cps
Calcium	44-1	12094576	12078651	12069547	12080925	0.10	cps
Chromium	52-2	662210	662018	655690	659973	0.56	cps
Cobalt	59-2	1054087	1054311	1053015	1053804	0.07	cps
Copper	63-2	1453744	1449401	1456193	1453113	0.24	cps
Dysprosium	156-1	50	50	75	58	24.74	cps
Dysprosium	156-2	90	57	63	70	25.20	cps
Erbium	164-1	83	42	42	56	43.30	cps
Erbium	164-2	57	50	47	51	9.96	cps
Gadolinium	160-1	50	108	83	81	36.33	cps
Gadolinium	160-2	103	117	97	106	9.65	cps
Holmium	165-1	12750900	12533031	12656197	12646709	0.86	cps
Holmium	165-2	4950487	4946101	5088575	4995054	1.62	cps
Indium	115-1	7144715	7136363	7149774	7143618	0.09	cps
Indium	115-2	1044121	1040076	1035502	1039900	0.41	cps
Iron	56-2	29072026	28946232	28683193	28900484	0.69	cps
Iron	57-2	738582	734230	733315	735376	0.38	cps
Krypton	83-1	500	420	467	462	8.69	cps
Lead	206-1	3645292	3657777	3652599	3651889	0.17	cps
Lead	207-1	3268220	3250052	3247376	3255216	0.35	cps
Lead	208-1	15023214	15050853	15018612	15030893	0.12	cps
Lithium	6-1	2050498	2034393	2037359	2040750	0.42	cps
Magnesium	24-2	6157085	6165214	6118105	6146801	0.41	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:53:01	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	807793	813873	807163	809610	0.46	cps
Molybdenum	94-1	5447431	5481696	5445090	5458072	0.38	cps
Molybdenum	95-1	6714428	6718637	6679318	6704128	0.32	cps
Molybdenum	96-1	7471461	7440721	7430167	7447450	0.29	cps
Molybdenum	97-1	4122348	4131450	4128796	4127531	0.11	cps
Molybdenum	98-1	10999746	10998824	10975697	10991422	0.12	cps
Neodymium	150-1	267	280	300	282	5.94	cps
Neodymium	150-2	27	33	23	28	18.33	cps
Nickel	60-2	271177	268877	268530	269528	0.53	cps
Phosphorus	31-2	20799	21065	20940	20935	0.64	cps
Potassium	39-2	2044682	2042436	2026689	2037936	0.48	cps
Rhodium	103-1	5746280	5724605	5767292	5746059	0.37	cps
Rhodium	103-2	2559997	2539948	2551845	2550597	0.40	cps
Scandium	45-1	3591188	3570402	3550444	3570678	0.57	cps
Scandium	45-2	141441	143126	141921	142163	0.61	cps
Selenium	77-2	1837	1910	1984	1910	3.84	cps
Selenium	78-2	6435	6329	6322	6362	0.99	cps
Selenium	82-1	57622	57506	57190	57440	0.39	cps
Silicon	28-1	1426029	1422383	1426201	1424871	0.15	cps
Silver	109-1	3414641	3417393	3382390	3404808	0.57	cps
Silver	107-1	3492415	3538738	3504532	3511895	0.68	cps
Sodium	23-2	11907441	11911964	11742214	11853873	0.82	cps
Strontium	86-1	844830	841621	838121	841524	0.40	cps
Strontium	88-1	7520297	7428811	7488002	7479037	0.62	cps
Sulfur	34-1	504941	501847	495290	500692	0.98	cps
Terbium	159-1	12558546	12527187	12424204	12503312	0.56	cps
Terbium	159-2	4713152	4699127	4711233	4707837	0.16	cps
Thallium	203-1	4408606	4376925	4398327	4394619	0.37	cps
Thallium	205-1	11051029	11014478	10986762	11017423	0.29	cps
Thorium	232-1	17645785	17842622	17724680	17737695	0.56	cps
Tin	118-1	2587910	2572936	2581613	2580820	0.29	cps
Titanium	47-1	1590923	1566234	1556158	1571105	1.14	cps
Uranium	238-1	18064769	18127468	17994599	18062279	0.37	cps
Vanadium	51-2	502058	501030	501195	501428	0.11	cps
Yttrium	89-1	6641516	6547610	6620217	6603114	0.75	cps
Yttrium	89-2	745953	740967	741854	742925	0.36	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:53:01	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	256835	257616	255316	256589	0.46	cps
Zirconium	90-1	4384243	4374022	4381822	4380029	0.12	cps
Zirconium	91-1	994412	992253	992909	993191	0.11	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:56:48 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	920444	907048	900645	909379	1.11	cps
Antimony	121-1	5970433	5964306	5921376	5952038	0.45	cps
Arsenic	75-1	950463	944226	934294	942994	0.86	cps
Barium	135-1	7398498	7461930	7416220	7425549	0.44	cps
Barium	137-1	12974698	13084419	12915268	12991462	0.66	cps
Beryllium	9-1	1025845	1021132	1011547	1019508	0.71	cps
Bismuth	209-1	8517848	8512327	8572059	8534078	0.39	cps
Bismuth	209-2	3652977	3673384	3657589	3661317	0.29	cps
Boron	10-1	216604	217602	215405	216537	0.51	cps
Boron	11-1	995368	1015745	1009278	1006797	1.03	cps
Cadmium	111-1	1554445	1558367	1552701	1555171	0.19	cps
Cadmium	106-1	189460	188926	187962	188783	0.40	cps
Cadmium	108-1	128308	128219	130035	128854	0.79	cps
Calcium	43-1	1405437	1421863	1391233	1406178	1.09	cps
Calcium	44-1	23126663	23207564	23083323	23139183	0.27	cps
Chromium	52-2	1268663	1275518	1274583	1272921	0.29	cps
Cobalt	59-2	2010294	2023040	2013276	2015537	0.33	cps
Copper	63-2	2735430	2724189	2742360	2733993	0.34	cps
Dysprosium	156-1	108	92	92	97	9.90	cps
Dysprosium	156-2	103	50	123	92	41.11	cps
Erbium	164-1	58	92	100	83	26.46	cps
Erbium	164-2	80	50	40	57	36.74	cps
Gadolinium	160-1	50	50	50	50	0.00	cps
Gadolinium	160-2	97	77	97	90	12.83	cps
Holmium	165-1	12310784	12543505	12512306	12455532	1.01	cps
Holmium	165-2	5075599	4870622	4919030	4955084	2.16	cps
Indium	115-1	6768437	6774681	6811546	6784888	0.34	cps
Indium	115-2	986455	1004456	1000409	997107	0.95	cps
Iron	56-2	56373957	56272848	55778487	56141764	0.57	cps
Iron	57-2	1418028	1418487	1419293	1418603	0.05	cps
Krypton	83-1	397	427	347	390	10.36	cps
Lead	206-1	7302724	7301206	7230838	7278256	0.56	cps
Lead	207-1	6451159	6461334	6446632	6453042	0.12	cps
Lead	208-1	29531727	29608336	29419972	29520012	0.32	cps
Lithium	6-1	1940269	1931766	1921044	1931026	0.50	cps
Magnesium	24-2	11962486	11911497	11855964	11909982	0.45	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 10:56:48 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1567765	1555269	1559064	1560699	0.41	cps
Molybdenum	94-1	10427870	10568727	10488247	10494948	0.67	cps
Molybdenum	95-1	12851165	12965826	12845369	12887453	0.53	cps
Molybdenum	96-1	14276295	14429801	14282407	14329501	0.61	cps
Molybdenum	97-1	8251941	8316286	8219720	8262649	0.60	cps
Molybdenum	98-1	21022098	21083838	21018565	21041500	0.17	cps
Neodymium	150-1	580	553	527	553	4.82	cps
Neodymium	150-2	30	33	23	29	17.63	cps
Nickel	60-2	514353	515186	514151	514563	0.11	cps
Phosphorus	31-2	39044	39729	40497	39757	1.83	cps
Potassium	39-2	3928280	3952703	3933302	3938095	0.33	cps
Rhodium	103-1	5344615	5385765	5372535	5367638	0.39	cps
Rhodium	103-2	2422238	2453244	2436127	2437203	0.64	cps
Scandium	45-1	3408230	3398648	3407607	3404828	0.16	cps
Scandium	45-2	139085	141158	139374	139873	0.80	cps
Selenium	77-2	3704	3654	3414	3591	4.32	cps
Selenium	78-2	11985	12079	12031	12032	0.39	cps
Selenium	82-1	106897	106551	107444	106964	0.42	cps
Silicon	28-1	2632431	2648785	2622236	2634484	0.51	cps
Silver	109-1	6630831	6640774	6647693	6639766	0.13	cps
Silver	107-1	6791476	6837226	6866343	6831682	0.55	cps
Sodium	23-2	23406645	23310563	23088956	23268722	0.70	cps
Strontium	86-1	1619038	1618968	1604958	1614321	0.50	cps
Strontium	88-1	14480622	14434964	14406472	14440686	0.26	cps
Sulfur	34-1	742653	741204	740579	741479	0.14	cps
Terbium	159-1	12179066	12155928	12189086	12174693	0.14	cps
Terbium	159-2	4644665	4637620	4675819	4652701	0.44	cps
Thallium	203-1	8848018	8887249	8797719	8844329	0.51	cps
Thallium	205-1	21364848	21539040	21411575	21438488	0.42	cps
Thorium	232-1	35082688	35140234	34812854	35011925	0.50	cps
Tin	118-1	4853422	5087737	4860854	4934004	2.70	cps
Titanium	47-1	2982287	2991054	2975458	2982933	0.26	cps
Uranium	238-1	35579573	35930014	35444889	35651492	0.70	cps
Vanadium	51-2	980632	982282	979674	980863	0.13	cps
Yttrium	89-1	6361157	6331500	6363711	6352123	0.28	cps
Yttrium	89-2	721052	731014	727314	726460	0.69	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 10:56:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	473992	476325	477384	475900	0.36	cps
Zirconium	90-1	8614876	8613794	8611620	8613430	0.02	cps
Zirconium	91-1	1873402	1888932	1884443	1882259	0.42	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5388598	5460678	5503953	5451076	1.07	cps
Antimony	121-1	9203	9078	9770	9351	3.94	cps
Arsenic	75-1	558	597	343	500	27.39	cps
Barium	135-1	1475	1375	1483	1445	4.17	cps
Barium	137-1	2592	2592	2525	2570	1.50	cps
Beryllium	9-1	211	161	200	191	13.76	cps
Bismuth	209-1	7821086	7976301	8031519	7942969	1.37	cps
Bismuth	209-2	3475058	3477674	3480414	3477715	0.08	cps
Boron	10-1	8586	8403	8086	8358	3.03	cps
Boron	11-1	41591	40179	39286	40352	2.88	cps
Cadmium	111-1	2550	2624	2780	2651	4.42	cps
Cadmium	106-1	3184	3342	3384	3303	3.20	cps
Cadmium	108-1	58	58	29	49	34.63	cps
Calcium	43-1	7137190	7380385	7589504	7369026	3.07	cps
Calcium	44-1	117251773	121110199	124470999	120944324	2.99	cps
Chromium	52-2	52470	54276	53691	53479	1.72	cps
Cobalt	59-2	28712	29166	28601	28826	1.04	cps
Copper	63-2	6015	6021	6221	6086	1.93	cps
Dysprosium	156-1	17	67	67	50	57.73	cps
Dysprosium	156-2	23	40	33	32	26.04	cps
Erbium	164-1	58	117	92	89	32.92	cps
Erbium	164-2	63	43	87	64	33.66	cps
Gadolinium	160-1	83	58	33	58	42.86	cps
Gadolinium	160-2	133	130	127	130	2.57	cps
Holmium	165-1	12441806	12725029	12884062	12683632	1.77	cps
Holmium	165-2	5390131	5367576	5366400	5374702	0.25	cps
Indium	115-1	6849978	7078930	7172924	7033944	2.36	cps
Indium	115-2	1100625	1109698	1129724	1113349	1.34	cps
Iron	56-2	313434374	314659029	316327818	314807074	0.46	cps
Iron	57-2	7929520	7950737	7991928	7957395	0.40	cps
Krypton	83-1	430	480	563	491	13.72	cps
Lead	206-1	8903	9226	9253	9127	2.13	cps
Lead	207-1	8219	8092	7930	8080	1.79	cps
Lead	208-1	36209	36076	36164	36150	0.19	cps
Lithium	6-1	1966222	2020797	2080103	2022374	2.82	cps
Magnesium	24-2	66158970	67190608	67325239	66891606	0.95	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6495	6628	6158	6427	3.77	cps
Molybdenum	94-1	8745	9345	9687	9259	5.15	cps
Molybdenum	95-1	15109	15626	15409	15381	1.69	cps
Molybdenum	96-1	15768	16552	17128	16482	4.14	cps
Molybdenum	97-1	9562	9379	9195	9378	1.96	cps
Molybdenum	98-1	23679	23437	24881	23999	3.22	cps
Neodymium	150-1	87	80	60	76	18.37	cps
Neodymium	150-2	67	27	50	48	42.05	cps
Nickel	60-2	19540	19103	19507	19383	1.26	cps
Phosphorus	31-2	67	83	83	78	12.37	cps
Potassium	39-2	23394801	23442665	23728478	23521981	0.77	cps
Rhodium	103-1	5258038	5431433	5551286	5413586	2.72	cps
Rhodium	103-2	2562676	2580242	2614539	2585819	1.02	cps
Scandium	45-1	3620423	3742486	3847133	3736681	3.04	cps
Scandium	45-2	166636	167299	167262	167066	0.22	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	20	17	13	17	22.23	cps
Selenium	82-1	66	22	-23	22	201.56	cps
Silicon	28-1	199005	208000	212538	206514	3.34	cps
Silver	109-1	1450	1333	1233	1339	8.10	cps
Silver	107-1	1433	1500	1533	1489	3.42	cps
Sodium	23-2	129447182	131375574	131680295	130834350	0.93	cps
Strontium	86-1	7002	7619	8103	7575	7.28	cps
Strontium	88-1	59758	62236	63558	61851	3.12	cps
Sulfur	34-1	234932	244422	249038	242797	2.96	cps
Terbium	159-1	12213712	12546486	12713084	12491094	2.04	cps
Terbium	159-2	4933867	4917196	4906933	4919332	0.28	cps
Thallium	203-1	3742	3559	3251	3517	7.07	cps
Thallium	205-1	7894	7844	7036	7591	6.35	cps
Thorium	232-1	10121	10338	9637	10032	3.58	cps
Tin	118-1	2534	3017	2950	2834	9.25	cps
Titanium	47-1	1317	1267	1358	1314	3.49	cps
Uranium	238-1	6994	6802	7386	7061	4.21	cps
Vanadium	51-2	257	313	273	281	10.36	cps
Yttrium	89-1	6584096	6798784	6966895	6783259	2.83	cps
Yttrium	89-2	835232	837691	851159	841361	1.02	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:00:32	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7312	7205	7452	7323	1.69	cps
Zirconium	90-1	2817	2817	2975	2870	3.19	cps
Zirconium	91-1	575	658	725	653	11.51	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 11:51:28 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25497	25773	26049	25773	1.07	cps
Antimony	121-1	1310772	1296244	1288989	1298668	0.85	cps
Arsenic	75-1	235134	230045	229148	231442	1.39	cps
Barium	135-1	163671	164732	162261	163554	0.76	cps
Barium	137-1	291992	287424	287348	288921	0.92	cps
Beryllium	9-1	122859	122255	118749	121288	1.83	cps
Bismuth	209-1	9920157	10096364	9848305	9954942	1.28	cps
Bismuth	209-2	4149579	4110153	4187239	4148990	0.93	cps
Boron	10-1	142517	141297	143811	142542	0.88	cps
Boron	11-1	660992	662351	668108	663817	0.57	cps
Cadmium	111-1	195630	193070	193197	193966	0.74	cps
Cadmium	106-1	49019	48768	47890	48559	1.22	cps
Cadmium	108-1	28303	28095	27385	27928	1.72	cps
Calcium	43-1	39938	38551	37474	38654	3.20	cps
Calcium	44-1	596853	587057	583677	589196	1.16	cps
Chromium	52-2	149209	147553	147523	148095	0.65	cps
Cobalt	59-2	243436	242731	242621	242929	0.18	cps
Copper	63-2	171701	167951	168552	169401	1.19	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	20	33	27	27	24.99	cps
Erbium	164-1	125	117	108	117	7.14	cps
Erbium	164-2	70	63	83	72	14.11	cps
Gadolinium	160-1	42	92	92	75	38.49	cps
Gadolinium	160-2	120	147	127	131	10.59	cps
Holmium	165-1	13739398	14026088	13570389	13778625	1.67	cps
Holmium	165-2	5485105	5426420	5489855	5467127	0.65	cps
Indium	115-1	8202766	8323126	8127983	8217958	1.20	cps
Indium	115-2	1173672	1169001	1167650	1170108	0.27	cps
Iron	56-2	1335516	1329936	1326636	1330696	0.34	cps
Iron	57-2	33834	33494	33466	33598	0.61	cps
Krypton	83-1	470	517	490	492	4.76	cps
Lead	206-1	1754835	1747650	1736353	1746279	0.53	cps
Lead	207-1	1546949	1534859	1533116	1538308	0.49	cps
Lead	208-1	6990903	6965448	6935695	6964015	0.40	cps
Lithium	6-1	2424227	2442369	2357958	2408185	1.85	cps
Magnesium	24-2	167155	165992	165073	166073	0.63	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:51:28	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89027	87736	88582	88448	0.74	cps
Molybdenum	94-1	6406332	6349188	6320894	6358804	0.68	cps
Molybdenum	95-1	7821432	7759317	7631630	7737459	1.25	cps
Molybdenum	96-1	8672358	8602847	8483448	8586217	1.11	cps
Molybdenum	97-1	4804595	4709353	4663603	4725850	1.52	cps
Molybdenum	98-1	12794822	12519323	12468054	12594067	1.40	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	64689	63175	62416	63426	1.82	cps
Phosphorus	31-2	67	67	50	61	15.75	cps
Potassium	39-2	189217	186194	187460	187624	0.81	cps
Rhodium	103-1	6932818	6891217	6731293	6851776	1.55	cps
Rhodium	103-2	2997236	2965870	2982660	2981922	0.53	cps
Scandium	45-1	4229764	4218297	4148151	4198738	1.05	cps
Scandium	45-2	166147	164790	163841	164926	0.70	cps
Selenium	77-2	817	910	907	878	6.03	cps
Selenium	78-2	2926	2850	2874	2884	1.35	cps
Selenium	82-1	26046	25576	26040	25887	1.04	cps
Silicon	28-1	95906	99010	100964	98627	2.59	cps
Silver	109-1	717228	714465	706290	712661	0.80	cps
Silver	107-1	755668	733460	734601	741243	1.69	cps
Sodium	23-2	532723	534765	533503	533664	0.19	cps
Strontium	86-1	1039777	1022458	1013044	1025093	1.32	cps
Strontium	88-1	9115242	9121935	8971898	9069691	0.93	cps
Sulfur	34-1	255352	247261	244346	248986	2.29	cps
Terbium	159-1	13632907	13884385	13484096	13667129	1.48	cps
Terbium	159-2	5003527	4972725	4978002	4984751	0.33	cps
Thallium	203-1	2097908	2091179	2072606	2087231	0.63	cps
Thallium	205-1	4975245	4956279	4904244	4945256	0.74	cps
Thorium	232-1	2291676	2277474	2277672	2282274	0.36	cps
Tin	118-1	3007247	2974680	2947328	2976418	1.01	cps
Titanium	47-1	1901009	1869714	1852869	1874531	1.30	cps
Uranium	238-1	22056011	21981774	22048296	22028694	0.19	cps
Vanadium	51-2	110456	110053	111739	110749	0.79	cps
Yttrium	89-1	7610560	7712474	7515832	7612955	1.29	cps
Yttrium	89-2	837564	828467	833686	833239	0.55	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 11:51:28	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	60073	59846	59926	59948	0.19	cps
Zirconium	90-1	5388400	5318417	5314638	5340485	0.78	cps
Zirconium	91-1	1184056	1175650	1165327	1175011	0.80	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1258	1167	1167	1197	4.42	cps
Antimony	121-1	14466	14166	14717	14450	1.91	cps
Arsenic	75-1	467	-88	-287	31	1266.22	cps
Barium	135-1	17987	18747	18171	18302	2.17	cps
Barium	137-1	31119	32581	31428	31710	2.43	cps
Beryllium	9-1	1611	1406	1361	1459	9.14	cps
Bismuth	209-1	10470774	10342941	10337851	10383855	0.73	cps
Bismuth	209-2	4515393	4442667	4525116	4494392	1.00	cps
Boron	10-1	8244	8303	8394	8314	0.91	cps
Boron	11-1	38325	39662	38943	38976	1.72	cps
Cadmium	111-1	4553	4813	4431	4599	4.24	cps
Cadmium	106-1	3859	3951	3851	3887	1.43	cps
Cadmium	108-1	158	158	175	164	5.87	cps
Calcium	43-1	9845	9445	9053	9448	4.19	cps
Calcium	44-1	157280	160041	158964	158762	0.88	cps
Chromium	52-2	3601	3884	3671	3718	3.97	cps
Cobalt	59-2	2934	2934	2987	2951	1.04	cps
Copper	63-2	4371	4577	4411	4453	2.46	cps
Dysprosium	156-1	8	58	25	31	83.33	cps
Dysprosium	156-2	23	37	30	30	22.23	cps
Erbium	164-1	67	117	17	67	75.00	cps
Erbium	164-2	57	30	47	44	30.31	cps
Gadolinium	160-1	75	58	100	78	26.96	cps
Gadolinium	160-2	120	127	153	133	13.23	cps
Holmium	165-1	14419409	14423102	14352714	14398409	0.28	cps
Holmium	165-2	5980141	5890267	6042867	5971092	1.28	cps
Indium	115-1	8956866	8902274	8915104	8924748	0.32	cps
Indium	115-2	1333719	1323018	1328274	1328337	0.40	cps
Iron	56-2	85358	85134	86822	85771	1.07	cps
Iron	57-2	1939	2156	2206	2100	6.75	cps
Krypton	83-1	563	490	500	518	7.68	cps
Lead	206-1	9109	8725	9681	9172	5.25	cps
Lead	207-1	7975	8470	8381	8275	3.19	cps
Lead	208-1	36281	37138	37866	37095	2.14	cps
Lithium	6-1	2691696	2665457	2658997	2672050	0.65	cps
Magnesium	24-2	83901	85753	84614	84756	1.10	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1117	1080	1170	1122	4.03	cps
Molybdenum	94-1	13715	13866	13382	13654	1.81	cps
Molybdenum	95-1	17103	16260	17211	16858	3.09	cps
Molybdenum	96-1	18788	18755	18563	18702	0.65	cps
Molybdenum	97-1	10871	10696	10229	10599	3.13	cps
Molybdenum	98-1	27269	28087	27669	27675	1.48	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	903	897	937	912	2.35	cps
Phosphorus	31-2	242	200	158	200	20.83	cps
Potassium	39-2	61863	61403	60282	61183	1.33	cps
Rhodium	103-1	7525858	7488957	7493124	7502647	0.27	cps
Rhodium	103-2	3386453	3341995	3401554	3376667	0.92	cps
Scandium	45-1	4712787	4712312	4692855	4705984	0.24	cps
Scandium	45-2	191081	189667	192388	191046	0.71	cps
Selenium	77-2	33	20	33	29	26.64	cps
Selenium	78-2	107	122	104	111	8.82	cps
Selenium	82-1	764	813	896	824	8.13	cps
Silicon	28-1	92895	91840	91764	92167	0.69	cps
Silver	109-1	8695	8903	9128	8909	2.43	cps
Silver	107-1	9053	8945	9562	9187	3.59	cps
Sodium	23-2	164112	162108	165948	164056	1.17	cps
Strontium	86-1	3384	2909	2767	3020	10.70	cps
Strontium	88-1	18279	18538	18838	18551	1.51	cps
Sulfur	34-1	296557	293641	293480	294560	0.59	cps
Terbium	159-1	14388366	14293843	14240817	14307675	0.52	cps
Terbium	159-2	5467721	5376090	5474170	5439327	1.01	cps
Thallium	203-1	11013	10746	10363	10707	3.05	cps
Thallium	205-1	25709	25083	25308	25367	1.25	cps
Thorium	232-1	38652	38864	38117	38544	1.00	cps
Tin	118-1	32238	33215	33967	33140	2.62	cps
Titanium	47-1	4217	4484	4134	4279	4.27	cps
Uranium	238-1	41015	42052	40999	41356	1.46	cps
Vanadium	51-2	6962	7159	7088	7070	1.41	cps
Yttrium	89-1	8289551	8223364	8249937	8254284	0.40	cps
Yttrium	89-2	948247	938218	954706	947057	0.88	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:18:43	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	973	1003	987	988	1.52	cps
Zirconium	90-1	10988	10704	10921	10871	1.36	cps
Zirconium	91-1	2375	2234	2292	2300	3.10	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:22:18 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	17	14	34.67	cps
Antimony	121-1	42	83	58	61	34.32	cps
Arsenic	75-1	-1125	-1216	-1222	-1187	-4.56	cps
Barium	135-1	58	108	33	67	57.29	cps
Barium	137-1	17	42	17	25	57.73	cps
Beryllium	9-1	28	22	28	26	12.38	cps
Bismuth	209-1	10445512	10460231	10512805	10472849	0.34	cps
Bismuth	209-2	4485067	4543497	4538209	4522257	0.71	cps
Boron	10-1	1392	1350	1292	1345	3.74	cps
Boron	11-1	6427	6618	6093	6379	4.17	cps
Cadmium	111-1	2715	2379	2741	2612	7.74	cps
Cadmium	106-1	3867	3384	3876	3709	7.59	cps
Cadmium	108-1	4	13	4	7	69.23	cps
Calcium	43-1	108	75	108	97	19.80	cps
Calcium	44-1	3217	3467	3384	3356	3.79	cps
Chromium	52-2	357	403	350	370	7.85	cps
Cobalt	59-2	27	20	57	34	56.70	cps
Copper	63-2	327	353	363	348	5.45	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	13	20	30	21	39.75	cps
Erbium	164-1	67	58	100	75	29.40	cps
Erbium	164-2	47	43	43	44	4.34	cps
Gadolinium	160-1	42	67	58	56	22.91	cps
Gadolinium	160-2	140	133	127	133	5.00	cps
Holmium	165-1	14533550	14377243	14609887	14506893	0.82	cps
Holmium	165-2	5976353	6061452	6002220	6013342	0.73	cps
Indium	115-1	8988213	8990635	9016539	8998462	0.17	cps
Indium	115-2	1331031	1343880	1347069	1340660	0.63	cps
Iron	56-2	1150	1289	1350	1263	8.12	cps
Iron	57-2	22	67	44	44	50.00	cps
Krypton	83-1	587	580	563	577	2.08	cps
Lead	206-1	895	845	761	833	8.08	cps
Lead	207-1	872	978	1011	954	7.60	cps
Lead	208-1	3078	3195	3272	3182	3.08	cps
Lithium	6-1	2690492	2687283	2693887	2690554	0.12	cps
Magnesium	24-2	192	150	208	183	16.39	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:22:18	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	53	39	32.45	cps
Molybdenum	94-1	308	250	300	286	11.03	cps
Molybdenum	95-1	83	100	33	72	48.05	cps
Molybdenum	96-1	67	133	133	111	34.64	cps
Molybdenum	97-1	50	42	33	42	20.00	cps
Molybdenum	98-1	158	117	83	119	31.46	cps
Neodymium	150-1	27	7	13	16	65.47	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	140	120	110	123	12.39	cps
Phosphorus	31-2	25	83	25	44	75.78	cps
Potassium	39-2	5793	5926	5560	5760	3.22	cps
Rhodium	103-1	7552673	7494230	7606856	7551253	0.75	cps
Rhodium	103-2	3367540	3401967	3406265	3391924	0.63	cps
Scandium	45-1	4718059	4712662	4779253	4736658	0.78	cps
Scandium	45-2	189366	191155	192033	190851	0.71	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	13	7	75.00	cps
Selenium	82-1	-37	-34	-35	-36	-4.40	cps
Silicon	28-1	57788	57352	58916	58019	1.39	cps
Silver	109-1	25	25	33	28	17.33	cps
Silver	107-1	117	158	108	128	20.96	cps
Sodium	23-2	5785	5735	5943	5821	1.87	cps
Strontium	86-1	850	1008	917	925	8.59	cps
Strontium	88-1	117	142	133	131	9.75	cps
Sulfur	34-1	292204	293668	295512	293795	0.56	cps
Terbium	159-1	14286533	14404112	14456516	14382387	0.61	cps
Terbium	159-2	5493244	5517251	5493889	5501462	0.25	cps
Thallium	203-1	617	542	617	592	7.32	cps
Thallium	205-1	942	1017	900	953	6.21	cps
Thorium	232-1	2795	2561	2956	2771	7.16	cps
Tin	118-1	692	617	717	675	7.71	cps
Titanium	47-1	50	92	25	56	60.62	cps
Uranium	238-1	2967	2575	3009	2850	8.39	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	8373418	8320628	8382403	8358816	0.40	cps
Yttrium	89-2	949680	960141	965111	958311	0.82	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:22:18	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	213	200	211	4.82	cps
Zirconium	90-1	683	733	600	672	10.02	cps
Zirconium	91-1	225	133	117	158	36.84	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:25:53 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5095523	5129655	5149376	5124851	0.53	cps
Antimony	121-1	7127	7544	7878	7516	5.00	cps
Arsenic	75-1	-63	186	-11	37	351.53	cps
Barium	135-1	2367	2734	2334	2478	8.96	cps
Barium	137-1	5001	4951	4409	4787	6.86	cps
Beryllium	9-1	344	389	361	365	6.15	cps
Bismuth	209-1	9017715	9130113	9185359	9111063	0.94	cps
Bismuth	209-2	3899168	3938105	3939487	3925587	0.58	cps
Boron	10-1	1100	1050	1042	1064	2.97	cps
Boron	11-1	5268	4893	5460	5207	5.54	cps
Cadmium	111-1	2161	2472	2431	2355	7.17	cps
Cadmium	106-1	3150	3276	3326	3251	2.77	cps
Cadmium	108-1	3555	3334	3384	3424	3.38	cps
Calcium	43-1	1663795	1678028	1683808	1675210	0.61	cps
Calcium	44-1	27153347	27504718	27689463	27449176	0.99	cps
Chromium	52-2	32736	33779	34130	33548	2.16	cps
Cobalt	59-2	3217	3107	2974	3099	3.93	cps
Copper	63-2	14257	14124	14134	14171	0.52	cps
Dysprosium	156-1	50	50	75	58	24.74	cps
Dysprosium	156-2	47	37	33	39	17.85	cps
Erbium	164-1	117	125	108	117	7.14	cps
Erbium	164-2	67	73	60	67	10.00	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	97	150	130	126	21.46	cps
Holmium	165-1	13548375	13575012	13810404	13644597	1.06	cps
Holmium	165-2	5636971	5659083	5624732	5640262	0.31	cps
Indium	115-1	7708082	7750788	7847617	7768829	0.92	cps
Indium	115-2	1165183	1166803	1180534	1170840	0.72	cps
Iron	56-2	133745181	134549361	134178872	134157805	0.30	cps
Iron	57-2	3320184	3367461	3368110	3351918	0.82	cps
Krypton	83-1	453	537	460	483	9.58	cps
Lead	206-1	38066	39264	38568	38632	1.56	cps
Lead	207-1	31649	31349	32418	31805	1.73	cps
Lead	208-1	146061	145472	148142	146558	0.96	cps
Lithium	6-1	2255299	2238935	2244883	2246372	0.37	cps
Magnesium	24-2	14379224	14396771	14558632	14444876	0.68	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:25:53	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8026	8282	8226	8178	1.65	cps
Molybdenum	94-1	3162473	3180564	3210698	3184578	0.76	cps
Molybdenum	95-1	5696396	5721508	5778102	5732002	0.73	cps
Molybdenum	96-1	6091288	6060036	6147341	6099555	0.73	cps
Molybdenum	97-1	3484656	3494896	3534873	3504808	0.76	cps
Molybdenum	98-1	9268462	9344966	9465642	9359690	1.06	cps
Neodymium	150-1	20	47	27	31	44.61	cps
Neodymium	150-2	10	23	30	21	48.24	cps
Nickel	60-2	4104	4401	4087	4197	4.20	cps
Phosphorus	31-2	240338	241645	243862	241948	0.74	cps
Potassium	39-2	9658281	9785594	9716018	9719964	0.66	cps
Rhodium	103-1	6071263	6184490	6232884	6162879	1.35	cps
Rhodium	103-2	2824267	2837383	2873690	2845114	0.90	cps
Scandium	45-1	3992747	4017460	4097670	4035959	1.36	cps
Scandium	45-2	167647	169241	168643	168510	0.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	11	19	9	13	37.80	cps
Selenium	82-1	47	-45	73	25	250.08	cps
Silicon	28-1	135155	138704	137821	137227	1.35	cps
Silver	109-1	233	342	267	281	19.78	cps
Silver	107-1	283	250	400	311	25.32	cps
Sodium	23-2	27952667	28012700	28282436	28082601	0.63	cps
Strontium	86-1	67534	65726	67744	67001	1.66	cps
Strontium	88-1	571670	573573	583349	576197	1.09	cps
Sulfur	34-1	3318200	3279185	3314744	3304043	0.65	cps
Terbium	159-1	13357193	13459760	13618856	13478603	0.98	cps
Terbium	159-2	5077481	5099077	5043190	5073249	0.56	cps
Thallium	203-1	1108	1258	1083	1150	8.23	cps
Thallium	205-1	1667	2092	2150	1970	13.40	cps
Thorium	232-1	2878	3373	3345	3199	8.69	cps
Tin	118-1	2352	2059	2317	2242	7.14	cps
Titanium	47-1	1479310	1493520	1499751	1490861	0.70	cps
Uranium	238-1	3892	3976	4368	4079	6.22	cps
Vanadium	51-2	233	197	220	217	8.57	cps
Yttrium	89-1	7293153	7289942	7388165	7323753	0.76	cps
Yttrium	89-2	841814	859710	858691	853405	1.18	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:25:53	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3757	3924	3841	3841	2.17	cps
Zirconium	90-1	1258	1067	1217	1181	8.54	cps
Zirconium	91-1	275	292	258	275	6.06	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5262466	5308395	5200493	5257118	1.03	cps
Antimony	121-1	143746	143545	142592	143294	0.43	cps
Arsenic	75-1	23506	24885	23943	24112	2.92	cps
Barium	135-1	36365	36466	36457	36429	0.15	cps
Barium	137-1	63981	64358	64584	64308	0.47	cps
Beryllium	9-1	24609	24598	24531	24580	0.17	cps
Bismuth	209-1	9235973	9282134	9320934	9279681	0.46	cps
Bismuth	209-2	3950399	3974360	3934512	3953091	0.51	cps
Boron	10-1	15800	16384	16735	16307	2.89	cps
Boron	11-1	74852	76485	78162	76500	2.16	cps
Cadmium	111-1	38805	38326	38413	38515	0.66	cps
Cadmium	106-1	8970	9012	9454	9145	2.93	cps
Cadmium	108-1	6673	6960	7344	6992	4.82	cps
Calcium	43-1	1721893	1738234	1753496	1737874	0.91	cps
Calcium	44-1	28450371	28624938	28805652	28626987	0.62	cps
Chromium	52-2	66241	66318	65297	65952	0.86	cps
Cobalt	59-2	53133	53936	53016	53361	0.94	cps
Copper	63-2	48554	49611	48925	49030	1.09	cps
Dysprosium	156-1	58	50	50	53	9.12	cps
Dysprosium	156-2	27	27	27	27	0.00	cps
Erbium	164-1	150	142	150	147	3.27	cps
Erbium	164-2	63	87	83	78	16.23	cps
Gadolinium	160-1	108	92	100	100	8.33	cps
Gadolinium	160-2	137	113	140	130	11.17	cps
Holmium	165-1	13992126	13990946	14006403	13996491	0.06	cps
Holmium	165-2	5705504	5683810	5651353	5680222	0.48	cps
Indium	115-1	7972662	8045124	8110489	8042758	0.86	cps
Indium	115-2	1182606	1191543	1182534	1185561	0.44	cps
Iron	56-2	137303473	138386142	137011631	137567082	0.53	cps
Iron	57-2	3435706	3446731	3418278	3433572	0.42	cps
Krypton	83-1	473	530	483	496	6.10	cps
Lead	206-1	200556	198352	201040	199982	0.72	cps
Lead	207-1	169538	168537	169999	169358	0.44	cps
Lead	208-1	783439	777614	779503	780185	0.38	cps
Lithium	6-1	2305113	2306489	2299580	2303727	0.16	cps
Magnesium	24-2	14821969	14950514	14665151	14812544	0.96	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	26744	27082	26761	26862	0.71	cps
Molybdenum	94-1	3595735	3610990	3603909	3603545	0.21	cps
Molybdenum	95-1	6101787	6113601	6098249	6104545	0.13	cps
Molybdenum	96-1	6545424	6580482	6569841	6565249	0.27	cps
Molybdenum	97-1	3737665	3750843	3735220	3741243	0.22	cps
Molybdenum	98-1	9835150	10011425	9946398	9930991	0.90	cps
Neodymium	150-1	80	53	40	58	35.25	cps
Neodymium	150-2	7	37	3	16	118.03	cps
Nickel	60-2	16650	17017	16967	16878	1.18	cps
Phosphorus	31-2	248030	250543	247385	248653	0.67	cps
Potassium	39-2	9996083	9992182	9955159	9981141	0.23	cps
Rhodium	103-1	6343205	6419949	6424926	6396027	0.72	cps
Rhodium	103-2	2892167	2912476	2897458	2900700	0.36	cps
Scandium	45-1	4219631	4242278	4207466	4223125	0.42	cps
Scandium	45-2	172784	171506	173421	172570	0.56	cps
Selenium	77-2	97	97	50	81	33.22	cps
Selenium	78-2	302	293	324	306	5.28	cps
Selenium	82-1	2597	2525	2628	2583	2.06	cps
Silicon	28-1	318212	322717	324307	321745	0.98	cps
Silver	109-1	143563	144363	145305	144411	0.60	cps
Silver	107-1	150661	150652	148243	149852	0.93	cps
Sodium	23-2	28855777	28901061	28541098	28765978	0.68	cps
Strontium	86-1	177087	177955	177584	177542	0.25	cps
Strontium	88-1	1546826	1546231	1539950	1544336	0.25	cps
Sulfur	34-1	3413109	3440315	3453674	3435700	0.60	cps
Terbium	159-1	13744636	13867283	13806146	13806022	0.44	cps
Terbium	159-2	5167211	5149885	5115968	5144355	0.51	cps
Thallium	203-1	196005	193943	193444	194464	0.70	cps
Thallium	205-1	473889	468985	469628	470834	0.57	cps
Thorium	232-1	17813	17696	17824	17777	0.40	cps
Tin	118-1	324689	327967	327711	326789	0.56	cps
Titanium	47-1	1579222	1610420	1586148	1591930	1.03	cps
Uranium	238-1	2126222	2131706	2111612	2123180	0.49	cps
Vanadium	51-2	23559	24497	23606	23887	2.21	cps
Yttrium	89-1	7610620	7604957	7653472	7623016	0.35	cps
Yttrium	89-2	871957	872090	868999	871016	0.20	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:29:29	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9663	9810	9767	9747	0.77	cps
Zirconium	90-1	567126	564002	562560	564563	0.41	cps
Zirconium	91-1	126042	126192	126765	126333	0.30	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2833025	2842202	2875013	2850080	0.77	cps
Antimony	121-1	3176268	3228495	3190183	3198315	0.85	cps
Arsenic	75-1	574338	580730	575038	576702	0.61	cps
Barium	135-1	3997584	4013095	3990341	4000340	0.29	cps
Barium	137-1	7229731	7257210	7178063	7221668	0.56	cps
Beryllium	9-1	579993	580196	573179	577790	0.69	cps
Bismuth	209-1	8900619	8905634	8892950	8899734	0.07	cps
Bismuth	209-2	3729505	3769372	3768144	3755674	0.60	cps
Boron	10-1	120208	123091	120796	121365	1.26	cps
Boron	11-1	565068	567865	564548	565827	0.32	cps
Cadmium	111-1	850663	846408	837466	844846	0.80	cps
Cadmium	106-1	108001	108245	105759	107335	1.28	cps
Cadmium	108-1	71868	72790	72916	72525	0.79	cps
Calcium	43-1	4066359	4056953	4051276	4058196	0.19	cps
Calcium	44-1	66579529	66942804	66769412	66763915	0.27	cps
Chromium	52-2	771110	782587	785611	779769	0.98	cps
Cobalt	59-2	1175333	1201106	1208402	1194947	1.45	cps
Copper	63-2	1667295	1701727	1702386	1690469	1.19	cps
Dysprosium	156-1	67	83	67	72	13.33	cps
Dysprosium	156-2	40	77	73	63	32.01	cps
Erbium	164-1	133	50	42	75	67.59	cps
Erbium	164-2	47	50	57	51	9.96	cps
Gadolinium	160-1	83	58	67	69	18.33	cps
Gadolinium	160-2	133	143	130	136	5.12	cps
Holmium	165-1	13705538	13767323	13608209	13693690	0.59	cps
Holmium	165-2	5514583	5550462	5539002	5534682	0.33	cps
Indium	115-1	7818098	7776169	7742501	7778923	0.49	cps
Indium	115-2	1129842	1140695	1147229	1139255	0.77	cps
Iron	56-2	160106526	161706148	161858298	161223657	0.60	cps
Iron	57-2	3996534	4058947	4087444	4047641	1.15	cps
Krypton	83-1	533	507	520	520	2.56	cps
Lead	206-1	3714504	3737718	3671624	3707949	0.90	cps
Lead	207-1	3288431	3311126	3281956	3293837	0.47	cps
Lead	208-1	15213175	15353325	15163441	15243314	0.65	cps
Lithium	6-1	2226985	2239969	2219243	2228732	0.47	cps
Magnesium	24-2	34122031	34577727	34560928	34420229	0.75	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	905224	918381	918762	914123	0.84	cps
Molybdenum	94-1	6114809	6114793	6076056	6101886	0.37	cps
Molybdenum	95-1	7460655	7437837	7411995	7436829	0.33	cps
Molybdenum	96-1	8285543	8331974	8253618	8290378	0.48	cps
Molybdenum	97-1	4585296	4596209	4509091	4563532	1.04	cps
Molybdenum	98-1	12174059	12249818	12086469	12170115	0.67	cps
Neodymium	150-1	327	420	373	373	12.50	cps
Neodymium	150-2	23	27	33	28	18.33	cps
Nickel	60-2	301256	307641	307492	305463	1.19	cps
Phosphorus	31-2	24012	24354	24220	24195	0.71	cps
Potassium	39-2	11854798	12035403	12103707	11997969	1.07	cps
Rhodium	103-1	6115005	6157596	6090799	6121134	0.55	cps
Rhodium	103-2	2731292	2777065	2772695	2760351	0.92	cps
Scandium	45-1	4131664	4139823	4113838	4128442	0.32	cps
Scandium	45-2	169366	169167	169473	169335	0.09	cps
Selenium	77-2	2060	1950	2134	2048	4.51	cps
Selenium	78-2	7015	7254	7191	7153	1.73	cps
Selenium	82-1	62353	62077	61533	61988	0.67	cps
Silicon	28-1	1678161	1692709	1689735	1686868	0.46	cps
Silver	109-1	3497828	3475863	3488061	3487251	0.32	cps
Silver	107-1	3607058	3608187	3578230	3597825	0.47	cps
Sodium	23-2	66858412	68292608	67768939	67639986	1.07	cps
Strontium	86-1	954849	949112	944948	949636	0.52	cps
Strontium	88-1	8429878	8390400	8378687	8399655	0.32	cps
Sulfur	34-1	588977	585616	585840	586811	0.32	cps
Terbium	159-1	13507084	13553654	13575865	13545534	0.26	cps
Terbium	159-2	4960031	5010491	5099969	5023497	1.41	cps
Thallium	203-1	4476168	4512514	4476081	4488254	0.47	cps
Thallium	205-1	11110046	11358763	11149441	11206083	1.19	cps
Thorium	232-1	18434962	18463430	18221393	18373262	0.72	cps
Tin	118-1	2753945	2766692	2777536	2766058	0.43	cps
Titanium	47-1	1800569	1801165	1784087	1795274	0.54	cps
Uranium	238-1	18587896	18700430	18442094	18576807	0.70	cps
Vanadium	51-2	587120	592557	593964	591214	0.61	cps
Yttrium	89-1	7508927	7510909	7449909	7489915	0.46	cps
Yttrium	89-2	845213	861592	859880	855561	1.05	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV51	Instrumnet Name :	P7
Client Sample ID :	CCV51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:33:30	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	287429	294583	293077	291696	1.29	cps
Zirconium	90-1	5057648	5082936	4829133	4989906	2.80	cps
Zirconium	91-1	1119488	1111093	1105652	1112078	0.63	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCB51 Instrumnet Name : P7
 Client Sample ID : CCB51 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:37:47 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	100	172	37.59	cps
Antimony	121-1	1909	2125	1984	2006	5.49	cps
Arsenic	75-1	-1418	-1174	-1209	-1267	-10.45	cps
Barium	135-1	467	308	342	372	22.43	cps
Barium	137-1	733	458	442	544	30.09	cps
Beryllium	9-1	122	122	128	124	2.58	cps
Bismuth	209-1	10592531	10529029	10559979	10560513	0.30	cps
Bismuth	209-2	4504869	4508080	4508786	4507245	0.05	cps
Boron	10-1	4476	4526	4167	4390	4.42	cps
Boron	11-1	21399	20932	20264	20865	2.73	cps
Cadmium	111-1	2926	2947	2680	2851	5.22	cps
Cadmium	106-1	4026	4059	3701	3929	5.04	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	483	383	375	414	14.57	cps
Calcium	44-1	10137	8936	8453	9175	9.45	cps
Chromium	52-2	430	363	433	409	9.66	cps
Cobalt	59-2	87	87	100	91	8.45	cps
Copper	63-2	667	563	610	613	8.44	cps
Dysprosium	156-1	33	8	8	17	86.62	cps
Dysprosium	156-2	30	23	10	21	48.24	cps
Erbium	164-1	50	58	150	86	64.44	cps
Erbium	164-2	73	37	63	58	32.80	cps
Gadolinium	160-1	83	108	92	94	13.48	cps
Gadolinium	160-2	97	103	140	113	20.59	cps
Holmium	165-1	14689979	14734956	14514022	14646319	0.80	cps
Holmium	165-2	6049834	6036435	6005917	6030728	0.37	cps
Indium	115-1	9184745	9264088	9201911	9216915	0.45	cps
Indium	115-2	1355340	1351109	1351266	1352572	0.18	cps
Iron	56-2	11088	10271	9587	10315	7.29	cps
Iron	57-2	256	300	256	270	9.49	cps
Krypton	83-1	610	663	553	609	9.03	cps
Lead	206-1	2245	1984	1989	2072	7.20	cps
Lead	207-1	2389	2006	1861	2085	13.08	cps
Lead	208-1	8779	7673	7690	8047	7.87	cps
Lithium	6-1	2666456	2653198	2628715	2649456	0.72	cps
Magnesium	24-2	1975	1583	1675	1745	11.74	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:37:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120	90	47	86	43.09	cps
Molybdenum	94-1	1142	1300	1217	1220	6.50	cps
Molybdenum	95-1	1417	1500	1242	1386	9.51	cps
Molybdenum	96-1	1709	1575	1342	1542	12.04	cps
Molybdenum	97-1	900	858	800	853	5.89	cps
Molybdenum	98-1	2392	2200	1900	2164	11.45	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	97	140	87	108	26.30	cps
Phosphorus	31-2	33	33	50	39	24.75	cps
Potassium	39-2	8878	8286	8036	8400	5.15	cps
Rhodium	103-1	7688013	7708885	7642593	7679831	0.44	cps
Rhodium	103-2	3427395	3416854	3414817	3419689	0.20	cps
Scandium	45-1	4819416	4837536	4833758	4830237	0.20	cps
Scandium	45-2	196147	195571	193536	195085	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	28	11	18	48.91	cps
Selenium	82-1	26	-92	16	-17	-389.91	cps
Silicon	28-1	65125	64849	64724	64900	0.32	cps
Silver	109-1	342	425	408	392	11.26	cps
Silver	107-1	450	433	442	442	1.89	cps
Sodium	23-2	24078	22418	21750	22749	5.27	cps
Strontium	86-1	933	942	967	947	1.83	cps
Strontium	88-1	742	767	550	686	17.28	cps
Sulfur	34-1	308931	310516	310388	309945	0.28	cps
Terbium	159-1	14699419	14653239	14496776	14616478	0.73	cps
Terbium	159-2	5569229	5505988	5495774	5523664	0.72	cps
Thallium	203-1	2384	1809	1775	1989	17.20	cps
Thallium	205-1	4993	4184	3667	4281	15.60	cps
Thorium	232-1	5757	5679	5335	5590	4.02	cps
Tin	118-1	1225	1433	1433	1364	8.82	cps
Titanium	47-1	242	217	258	239	8.78	cps
Uranium	238-1	4468	4201	4126	4265	4.21	cps
Vanadium	51-2	40	17	30	29	40.51	cps
Yttrium	89-1	8536286	8567679	8522407	8542124	0.27	cps
Yttrium	89-2	972588	964331	967939	968286	0.43	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB51	Instrumnet Name :	P7
Client Sample ID :	CCB51	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:37:47	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	270	180	240	230	19.93	cps
Zirconium	90-1	1358	1308	1058	1242	12.94	cps
Zirconium	91-1	267	183	192	214	21.46	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1325	1375	1267	1322	4.10	cps
Antimony	121-1	15167	15693	14625	15162	3.52	cps
Arsenic	75-1	188	1	439	210	104.99	cps
Barium	135-1	18530	19222	19114	18955	1.97	cps
Barium	137-1	32965	33834	32932	33243	1.54	cps
Beryllium	9-1	1461	1506	1511	1493	1.84	cps
Bismuth	209-1	10498028	10645744	10497604	10547125	0.81	cps
Bismuth	209-2	4443057	4485746	4528259	4485687	0.95	cps
Boron	10-1	9278	10079	9929	9762	4.36	cps
Boron	11-1	45603	45854	45754	45737	0.28	cps
Cadmium	111-1	4926	5060	4741	4909	3.27	cps
Cadmium	106-1	3892	4359	4034	4095	5.84	cps
Cadmium	108-1	142	167	167	158	9.12	cps
Calcium	43-1	10029	10204	9787	10007	2.09	cps
Calcium	44-1	166722	168112	165423	166752	0.81	cps
Chromium	52-2	4064	4031	4157	4084	1.61	cps
Cobalt	59-2	3084	3154	2990	3076	2.66	cps
Copper	63-2	4734	4431	4644	4603	3.39	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	50	142	133	108	46.79	cps
Erbium	164-2	53	70	57	60	14.70	cps
Gadolinium	160-1	58	58	108	75	38.49	cps
Gadolinium	160-2	140	180	140	153	15.06	cps
Holmium	165-1	14556878	14720688	14559401	14612322	0.64	cps
Holmium	165-2	5984171	6007685	5997808	5996555	0.20	cps
Indium	115-1	9198297	9220152	9142615	9187021	0.44	cps
Indium	115-2	1348484	1346823	1355120	1350143	0.33	cps
Iron	56-2	91718	91579	90863	91387	0.50	cps
Iron	57-2	2467	2334	2250	2350	4.65	cps
Krypton	83-1	600	610	507	572	9.96	cps
Lead	206-1	10215	10516	10171	10301	1.82	cps
Lead	207-1	8859	8703	9153	8905	2.57	cps
Lead	208-1	40247	41338	40492	40692	1.41	cps
Lithium	6-1	2694859	2688511	2664591	2682653	0.59	cps
Magnesium	24-2	88150	87681	87589	87807	0.34	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1257	1243	1180	1227	3.34	cps
Molybdenum	94-1	14525	14333	14792	14550	1.58	cps
Molybdenum	95-1	17812	18071	17695	17859	1.08	cps
Molybdenum	96-1	19406	20357	19522	19762	2.63	cps
Molybdenum	97-1	11864	10496	11297	11219	6.13	cps
Molybdenum	98-1	29022	28246	28387	28552	1.45	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	867	933	840	880	5.46	cps
Phosphorus	31-2	225	192	167	194	15.05	cps
Potassium	39-2	65285	65210	63529	64675	1.54	cps
Rhodium	103-1	7698032	7675886	7624805	7666241	0.49	cps
Rhodium	103-2	3392322	3398141	3412889	3401117	0.31	cps
Scandium	45-1	4844445	4861716	4847483	4851215	0.19	cps
Scandium	45-2	192519	194593	193317	193476	0.54	cps
Selenium	77-2	30	27	17	24	28.38	cps
Selenium	78-2	126	93	144	121	21.72	cps
Selenium	82-1	746	757	850	784	7.32	cps
Silicon	28-1	97961	96796	98866	97874	1.06	cps
Silver	109-1	9529	9554	9220	9434	1.97	cps
Silver	107-1	9545	9845	9445	9612	2.17	cps
Sodium	23-2	178743	177790	179907	178813	0.59	cps
Strontium	86-1	3392	3150	3126	3223	4.57	cps
Strontium	88-1	18729	19297	19814	19280	2.81	cps
Sulfur	34-1	318089	317330	319508	318309	0.35	cps
Terbium	159-1	14561226	14648666	14577171	14595688	0.32	cps
Terbium	159-2	5498833	5490492	5466945	5485423	0.30	cps
Thallium	203-1	11772	12123	11013	11636	4.87	cps
Thallium	205-1	26193	27320	26594	26703	2.14	cps
Thorium	232-1	41042	42191	40758	41331	1.83	cps
Tin	118-1	34476	34994	34836	34769	0.76	cps
Titanium	47-1	4543	4551	4359	4484	2.42	cps
Uranium	238-1	42503	43306	43039	42949	0.95	cps
Vanadium	51-2	7432	7209	7062	7234	2.58	cps
Yttrium	89-1	8499793	8588421	8495972	8528062	0.61	cps
Yttrium	89-2	959724	968112	959753	962530	0.50	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:41:21	DataFile Name :	022LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1077	1140	1090	1102	3.03	cps
Zirconium	90-1	11363	11438	11222	11341	0.97	cps
Zirconium	91-1	2592	2600	2617	2603	0.49	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : PB123808BL Instrumnet Name : P7
 Client Sample ID : PB123808BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 12:44:55 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	33	28	34.64	cps
Antimony	121-1	250	300	300	283	10.19	cps
Arsenic	75-1	-1314	-1319	-1164	-1266	-6.96	cps
Barium	135-1	67	75	33	58	37.80	cps
Barium	137-1	17	25	42	28	45.82	cps
Beryllium	9-1	50	22	50	41	39.37	cps
Bismuth	209-1	10410205	10391957	10546309	10449490	0.81	cps
Bismuth	209-2	4442030	4470596	4495740	4469455	0.60	cps
Boron	10-1	2117	2000	1934	2017	4.60	cps
Boron	11-1	9637	10087	10029	9918	2.47	cps
Cadmium	111-1	2724	2508	2549	2594	4.42	cps
Cadmium	106-1	3867	3567	3617	3684	4.37	cps
Cadmium	108-1	0	8	21	10	107.86	cps
Calcium	43-1	125	133	75	111	28.40	cps
Calcium	44-1	3617	4051	4334	4001	9.03	cps
Chromium	52-2	397	417	427	413	3.70	cps
Cobalt	59-2	30	43	53	42	27.72	cps
Copper	63-2	477	497	513	496	3.70	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	17	20	30	22	31.22	cps
Erbium	164-1	92	42	83	72	37.09	cps
Erbium	164-2	77	57	60	64	16.63	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	137	120	173	143	19.04	cps
Holmium	165-1	14457203	14383864	14531346	14457471	0.51	cps
Holmium	165-2	6043283	5966358	6027183	6012275	0.67	cps
Indium	115-1	9031714	9026686	9139732	9066044	0.70	cps
Indium	115-2	1337751	1337286	1339023	1338020	0.07	cps
Iron	56-2	2039	2128	2106	2091	2.21	cps
Iron	57-2	78	67	72	72	7.69	cps
Krypton	83-1	600	527	513	547	8.54	cps
Lead	206-1	1367	1345	1267	1326	3.96	cps
Lead	207-1	1228	1295	1222	1248	3.22	cps
Lead	208-1	4762	4906	4700	4789	2.20	cps
Lithium	6-1	2652253	2643423	2651752	2649143	0.19	cps
Magnesium	24-2	375	258	267	300	21.69	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BL	Instrumnet Name :	P7
Client Sample ID :	PB123808BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:44:55	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	30	57	46	30.47	cps
Molybdenum	94-1	425	375	392	397	6.41	cps
Molybdenum	95-1	167	150	208	175	17.17	cps
Molybdenum	96-1	208	233	233	225	6.42	cps
Molybdenum	97-1	75	108	133	106	27.73	cps
Molybdenum	98-1	267	300	325	297	9.85	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	113	133	123	123	8.11	cps
Phosphorus	31-2	33	33	8	25	57.74	cps
Potassium	39-2	7386	7210	6718	7105	4.87	cps
Rhodium	103-1	7597552	7595412	7574582	7589182	0.17	cps
Rhodium	103-2	3396215	3370146	3396731	3387698	0.45	cps
Scandium	45-1	4770623	4764772	4807027	4780807	0.48	cps
Scandium	45-2	190200	192884	193634	192239	0.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	15	10	44.37	cps
Selenium	82-1	-10	23	-3	3	552.73	cps
Silicon	28-1	60012	59268	60958	60079	1.41	cps
Silver	109-1	75	67	33	58	37.80	cps
Silver	107-1	150	175	158	161	7.90	cps
Sodium	23-2	11121	11188	11422	11244	1.40	cps
Strontium	86-1	1008	833	950	931	9.58	cps
Strontium	88-1	108	83	242	144	58.93	cps
Sulfur	34-1	313502	312200	312285	312662	0.23	cps
Terbium	159-1	14492748	14467014	14626908	14528890	0.59	cps
Terbium	159-2	5476899	5443493	5456035	5458809	0.31	cps
Thallium	203-1	1017	892	950	953	6.56	cps
Thallium	205-1	1875	1750	1508	1711	10.89	cps
Thorium	232-1	3006	2900	2950	2952	1.79	cps
Tin	118-1	708	708	850	756	10.83	cps
Titanium	47-1	50	83	75	69	24.98	cps
Uranium	238-1	3067	2976	3025	3023	1.52	cps
Vanadium	51-2	0	3	7	3	100.05	cps
Yttrium	89-1	8397322	8383961	8455422	8412235	0.45	cps
Yttrium	89-2	960820	959601	963071	961164	0.18	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BL	Instrumnet Name :	P7
Client Sample ID :	PB123808BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:44:55	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	220	270	247	246	10.19	cps
Zirconium	90-1	825	750	658	744	11.21	cps
Zirconium	91-1	200	183	192	192	4.35	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	598231	595953	586974	593720	1.00	cps
Antimony	121-1	3564068	3603214	3593865	3587049	0.57	cps
Arsenic	75-1	626319	629434	624812	626855	0.38	cps
Barium	135-1	4364655	4378964	4365292	4369637	0.18	cps
Barium	137-1	7919594	7915624	7937783	7924334	0.15	cps
Beryllium	9-1	662067	668568	661649	664095	0.58	cps
Bismuth	209-1	9821463	9879665	9869945	9857024	0.32	cps
Bismuth	209-2	4126254	4186962	4156506	4156574	0.73	cps
Boron	10-1	133191	135461	137782	135478	1.69	cps
Boron	11-1	628501	639211	648884	638865	1.60	cps
Cadmium	111-1	992092	998242	994062	994798	0.32	cps
Cadmium	106-1	122468	122289	122753	122503	0.19	cps
Cadmium	108-1	82144	84982	83725	83617	1.70	cps
Calcium	43-1	940990	926386	935042	934139	0.79	cps
Calcium	44-1	15464932	15185838	15347889	15332886	0.91	cps
Chromium	52-2	842372	837162	831171	836902	0.67	cps
Cobalt	59-2	1324625	1336635	1318407	1326556	0.70	cps
Copper	63-2	1836958	1837284	1825992	1833411	0.35	cps
Dysprosium	156-1	158	208	167	178	15.07	cps
Dysprosium	156-2	87	100	113	100	13.33	cps
Erbium	164-1	117	83	83	94	20.37	cps
Erbium	164-2	70	80	83	78	8.92	cps
Gadolinium	160-1	117	92	58	89	32.92	cps
Gadolinium	160-2	163	110	133	136	19.72	cps
Holmium	165-1	14274612	14447131	14394618	14372120	0.62	cps
Holmium	165-2	5840260	5846801	5770711	5819257	0.72	cps
Indium	115-1	8488663	8471905	8483407	8481325	0.10	cps
Indium	115-2	1229354	1237085	1225250	1230563	0.49	cps
Iron	56-2	36622111	36597972	36219267	36479783	0.62	cps
Iron	57-2	926139	924548	920889	923859	0.29	cps
Krypton	83-1	577	597	583	586	1.74	cps
Lead	206-1	4095744	4092982	4130280	4106335	0.51	cps
Lead	207-1	3639305	3627738	3661125	3642723	0.47	cps
Lead	208-1	16802631	16790351	16920637	16837873	0.43	cps
Lithium	6-1	2460247	2462345	2465066	2462552	0.10	cps
Magnesium	24-2	7900625	7911120	7792994	7868247	0.83	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1013751	1010178	999959	1007963	0.71	cps
Molybdenum	94-1	6689179	6668605	6646430	6668071	0.32	cps
Molybdenum	95-1	8241672	8182196	8169734	8197867	0.47	cps
Molybdenum	96-1	9090381	9126638	9011850	9076290	0.65	cps
Molybdenum	97-1	5211342	5201535	5202633	5205170	0.10	cps
Molybdenum	98-1	13355913	13400286	13208820	13321673	0.75	cps
Neodymium	150-1	413	460	433	436	5.38	cps
Neodymium	150-2	30	73	37	47	49.99	cps
Nickel	60-2	343788	342011	341069	342290	0.40	cps
Phosphorus	31-2	27059	26975	26875	26970	0.34	cps
Potassium	39-2	2629906	2625300	2611052	2622086	0.37	cps
Rhodium	103-1	6930095	6942038	6856994	6909709	0.67	cps
Rhodium	103-2	3064903	3086867	3060083	3070617	0.46	cps
Scandium	45-1	4512699	4477231	4471747	4487226	0.50	cps
Scandium	45-2	180278	179236	177134	178883	0.90	cps
Selenium	77-2	2557	2420	2484	2487	2.75	cps
Selenium	78-2	8186	8067	7908	8054	1.73	cps
Selenium	82-1	71241	70762	70450	70817	0.56	cps
Silicon	28-1	1847437	1863328	1866526	1859097	0.55	cps
Silver	109-1	4059793	4067897	4068790	4065493	0.12	cps
Silver	107-1	4200156	4197735	4187169	4195020	0.16	cps
Sodium	23-2	15313208	15358876	15236977	15303020	0.40	cps
Strontium	86-1	1044662	1028178	1033630	1035490	0.81	cps
Strontium	88-1	9167305	9133722	9206227	9169085	0.40	cps
Sulfur	34-1	634684	629402	633700	632595	0.44	cps
Terbium	159-1	14135189	14356154	14182939	14224761	0.82	cps
Terbium	159-2	5282444	5259165	5242683	5261431	0.38	cps
Thallium	203-1	4847030	4896886	4914220	4886045	0.71	cps
Thallium	205-1	12239628	12333254	12382452	12318444	0.59	cps
Thorium	232-1	19256409	19507296	19400034	19387913	0.65	cps
Tin	118-1	3033597	3071067	3052697	3052454	0.61	cps
Titanium	47-1	1988973	1965874	1972105	1975651	0.60	cps
Uranium	238-1	19648181	19779360	19694657	19707399	0.34	cps
Vanadium	51-2	645573	637434	634984	639330	0.87	cps
Yttrium	89-1	8042902	7997229	8045696	8028609	0.34	cps
Yttrium	89-2	901569	907369	897979	902306	0.53	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123808BS	Instrumnet Name :	P7
Client Sample ID :	PB123808BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:48:29	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	320295	320660	320913	320623	0.10	cps
Zirconium	90-1	5532672	5457800	5468674	5486382	0.74	cps
Zirconium	91-1	1213053	1211568	1195940	1206854	0.79	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	933	1092	908	978	10.17	cps
Antimony	121-1	2542	2725	2792	2686	4.82	cps
Arsenic	75-1	-1075	-1005	-670	-917	-23.59	cps
Barium	135-1	9078	9529	8887	9165	3.60	cps
Barium	137-1	15985	15434	15476	15632	1.96	cps
Beryllium	9-1	206	228	122	185	30.05	cps
Bismuth	209-1	9944233	10047282	9950569	9980695	0.58	cps
Bismuth	209-2	4213191	4237383	4210076	4220217	0.35	cps
Boron	10-1	35442	34482	35835	35253	1.98	cps
Boron	11-1	171133	166029	168533	168565	1.51	cps
Cadmium	111-1	2612	2769	2603	2661	3.50	cps
Cadmium	106-1	3476	3692	3509	3559	3.28	cps
Cadmium	108-1	21	38	38	32	30.13	cps
Calcium	43-1	727023	726899	730156	728026	0.25	cps
Calcium	44-1	12058206	12056380	12023840	12046142	0.16	cps
Chromium	52-2	7359	7355	7452	7389	0.74	cps
Cobalt	59-2	647	643	623	638	1.98	cps
Copper	63-2	97918	98915	99257	98697	0.70	cps
Dysprosium	156-1	117	83	100	100	16.66	cps
Dysprosium	156-2	43	47	47	46	4.23	cps
Erbium	164-1	208	175	192	192	8.69	cps
Erbium	164-2	107	70	83	87	21.42	cps
Gadolinium	160-1	183	167	150	167	10.00	cps
Gadolinium	160-2	127	197	140	154	24.07	cps
Holmium	165-1	14184063	14274834	14383479	14280792	0.70	cps
Holmium	165-2	5801622	5812122	5766226	5793323	0.42	cps
Indium	115-1	8622167	8598323	8641309	8620600	0.25	cps
Indium	115-2	1231200	1253590	1247344	1244045	0.93	cps
Iron	56-2	1529491	1545217	1535963	1536890	0.51	cps
Iron	57-2	41058	42283	42367	41903	1.75	cps
Krypton	83-1	557	523	517	532	4.03	cps
Lead	206-1	7941	8114	7969	8008	1.16	cps
Lead	207-1	7297	6863	7091	7084	3.06	cps
Lead	208-1	31510	31777	31354	31547	0.68	cps
Lithium	6-1	2458896	2461378	2444182	2454819	0.38	cps
Magnesium	24-2	1832723	1858362	1853379	1848155	0.74	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	323276	324413	328443	325377	0.83	cps
Molybdenum	94-1	1884	1925	1900	1903	1.10	cps
Molybdenum	95-1	2642	2417	2300	2453	7.08	cps
Molybdenum	96-1	2825	2825	2625	2759	4.19	cps
Molybdenum	97-1	1675	1675	1292	1547	14.30	cps
Molybdenum	98-1	4109	4101	3584	3931	7.65	cps
Neodymium	150-1	80	47	20	49	61.49	cps
Neodymium	150-2	40	20	27	29	35.25	cps
Nickel	60-2	1170	1133	1203	1169	3.00	cps
Phosphorus	31-2	117	75	100	97	21.57	cps
Potassium	39-2	138245	139827	140460	139511	0.82	cps
Rhodium	103-1	7017563	7023265	7015768	7018865	0.06	cps
Rhodium	103-2	3096460	3103785	3123169	3107805	0.44	cps
Scandium	45-1	4490636	4513688	4507496	4503940	0.26	cps
Scandium	45-2	177773	178271	177785	177943	0.16	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	20	17	15	36.66	cps
Selenium	82-1	41	116	71	76	49.88	cps
Silicon	28-1	33098532	32698074	32830102	32875569	0.62	cps
Silver	109-1	758	600	575	644	15.43	cps
Silver	107-1	667	700	708	692	3.19	cps
Sodium	23-2	11495553	11516929	11595615	11536032	0.46	cps
Strontium	86-1	218936	220848	222794	220859	0.87	cps
Strontium	88-1	1931314	1909750	1928275	1923113	0.61	cps
Sulfur	34-1	480115	480600	475933	478883	0.54	cps
Terbium	159-1	14167311	14223699	14198009	14196340	0.20	cps
Terbium	159-2	5295557	5333097	5252733	5293796	0.76	cps
Thallium	203-1	2217	1950	1817	1995	10.21	cps
Thallium	205-1	4668	4084	3867	4206	9.84	cps
Thorium	232-1	8597	8347	7797	8247	4.97	cps
Tin	118-1	2476	1742	2142	2120	17.33	cps
Titanium	47-1	1050	1017	892	986	8.46	cps
Uranium	238-1	8503	7836	7819	8053	4.84	cps
Vanadium	51-2	3494	3507	3761	3587	4.19	cps
Yttrium	89-1	8044389	7994104	8055132	8031208	0.41	cps
Yttrium	89-2	896346	894096	895200	895214	0.13	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K4966-01	Instrumnet Name :	P7
Client Sample ID :	391002156.9	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:52:04	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	12135	12762	12439	12445	2.52	cps
Zirconium	90-1	1600	1567	1433	1533	5.75	cps
Zirconium	91-1	367	317	317	333	8.66	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	267	317	303	10.42	cps
Antimony	121-1	850	1050	958	953	10.51	cps
Arsenic	75-1	63951	64012	62755	63573	1.11	cps
Barium	135-1	7286	6744	6785	6938	4.35	cps
Barium	137-1	12423	11947	11697	12022	3.07	cps
Beryllium	9-1	117	89	122	109	16.35	cps
Bismuth	209-1	9791868	9834727	9829627	9818741	0.24	cps
Bismuth	209-2	4055234	4111157	4118425	4094939	0.84	cps
Boron	10-1	945340	952028	982399	959922	2.06	cps
Boron	11-1	4630422	4728548	4810454	4723141	1.91	cps
Cadmium	111-1	2575	2549	2681	2602	2.70	cps
Cadmium	106-1	3684	3584	3734	3667	2.08	cps
Cadmium	108-1	42	29	17	29	42.85	cps
Calcium	43-1	2262863	2284502	2276170	2274512	0.48	cps
Calcium	44-1	37541353	37606900	37900421	37682891	0.51	cps
Chromium	52-2	2757	2727	2810	2765	1.53	cps
Cobalt	59-2	247	263	253	254	3.30	cps
Copper	63-2	313529	316632	318584	316248	0.81	cps
Dysprosium	156-1	25	67	83	58	51.51	cps
Dysprosium	156-2	37	40	27	34	20.14	cps
Erbium	164-1	133	67	100	100	33.33	cps
Erbium	164-2	60	57	57	58	3.33	cps
Gadolinium	160-1	158	75	58	97	55.11	cps
Gadolinium	160-2	110	133	193	146	29.54	cps
Holmium	165-1	14235937	14323123	14265224	14274762	0.31	cps
Holmium	165-2	5771835	5806483	5831418	5803245	0.52	cps
Indium	115-1	8484259	8636395	8585067	8568573	0.90	cps
Indium	115-2	1219481	1239941	1240903	1233441	0.98	cps
Iron	56-2	921731	917645	937033	925470	1.10	cps
Iron	57-2	33700	33182	34268	33717	1.61	cps
Krypton	83-1	457	573	490	507	11.86	cps
Lead	206-1	794778	796054	798805	796545	0.26	cps
Lead	207-1	668251	673181	669863	670431	0.37	cps
Lead	208-1	3103406	3118188	3110104	3110566	0.24	cps
Lithium	6-1	2507248	2528050	2522606	2519302	0.43	cps
Magnesium	24-2	1788032	1803051	1810168	1800417	0.63	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	55177	55193	55695	55355	0.53	cps
Molybdenum	94-1	8011	8036	8228	8092	1.47	cps
Molybdenum	95-1	13507	13449	13440	13465	0.27	cps
Molybdenum	96-1	14283	15100	14291	14558	3.23	cps
Molybdenum	97-1	8353	8645	8586	8528	1.81	cps
Molybdenum	98-1	21651	21817	21767	21745	0.39	cps
Neodymium	150-1	47	67	47	53	21.65	cps
Neodymium	150-2	7	20	20	16	49.47	cps
Nickel	60-2	913	930	1010	951	5.43	cps
Phosphorus	31-2	58	67	100	75	29.39	cps
Potassium	39-2	282567	287637	285261	285155	0.89	cps
Rhodium	103-1	6831553	6964456	6977588	6924532	1.17	cps
Rhodium	103-2	3036340	3084852	3087944	3069712	0.94	cps
Scandium	45-1	4493332	4548569	4539051	4526984	0.65	cps
Scandium	45-2	177705	181342	182326	180458	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	9	13	10	20.36	cps
Selenium	82-1	87	-15	19	30	173.14	cps
Silicon	28-1	21924404	21936213	21913092	21924570	0.05	cps
Silver	109-1	250	292	317	286	11.77	cps
Silver	107-1	325	400	250	325	23.08	cps
Sodium	23-2	26244853	26514642	26735962	26498486	0.93	cps
Strontium	86-1	6400303	6499622	6450657	6450194	0.77	cps
Strontium	88-1	56329697	56932695	56897787	56720060	0.60	cps
Sulfur	34-1	4713789	4778824	4758053	4750222	0.70	cps
Terbium	159-1	14179880	14234578	14163980	14192813	0.26	cps
Terbium	159-2	5187035	5250862	5278660	5238852	0.90	cps
Thallium	203-1	1042	1075	933	1017	7.29	cps
Thallium	205-1	2059	1825	1767	1884	8.19	cps
Thorium	232-1	3984	3979	4029	3997	0.69	cps
Tin	118-1	14842	14124	14842	14603	2.84	cps
Titanium	47-1	608	725	733	689	10.15	cps
Uranium	238-1	5085	5043	4893	5007	2.01	cps
Vanadium	51-2	70	57	53	60	14.70	cps
Yttrium	89-1	7992270	8081751	8076710	8050244	0.62	cps
Yttrium	89-2	894272	901517	902859	899549	0.51	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5233-13	Instrumnet Name :	P7
Client Sample ID :	391002136	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:55:38	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19457	20084	19687	19742	1.61	cps
Zirconium	90-1	1575	1450	1375	1467	6.89	cps
Zirconium	91-1	358	350	433	381	12.06	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13131	12389	12664	12728	2.95	cps
Antimony	121-1	2717	2375	2709	2600	7.50	cps
Arsenic	75-1	-868	-700	-632	-733	-16.61	cps
Barium	135-1	13007	11922	12781	12570	4.55	cps
Barium	137-1	22093	22018	21993	22035	0.24	cps
Beryllium	9-1	67	78	44	63	26.95	cps
Bismuth	209-1	10233217	10158805	10129246	10173756	0.53	cps
Bismuth	209-2	4249262	4344212	4289016	4294163	1.11	cps
Boron	10-1	45218	42136	37831	41728	8.89	cps
Boron	11-1	215758	199418	184625	199934	7.79	cps
Cadmium	111-1	2800	2604	2654	2686	3.79	cps
Cadmium	106-1	3842	3659	3726	3742	2.48	cps
Cadmium	108-1	13	58	42	38	61.86	cps
Calcium	43-1	236544	234141	237409	236031	0.72	cps
Calcium	44-1	3864591	3804719	3791505	3820272	1.02	cps
Chromium	52-2	700	600	720	673	9.55	cps
Cobalt	59-2	320	337	340	332	3.23	cps
Copper	63-2	1036852	1052001	1041286	1043380	0.75	cps
Dysprosium	156-1	108	100	142	117	18.90	cps
Dysprosium	156-2	70	53	37	53	31.25	cps
Erbium	164-1	158	158	183	167	8.66	cps
Erbium	164-2	107	90	120	106	14.24	cps
Gadolinium	160-1	167	158	125	150	14.70	cps
Gadolinium	160-2	193	123	183	167	22.71	cps
Holmium	165-1	14520153	14276225	14442439	14412939	0.86	cps
Holmium	165-2	5850131	5891349	5851796	5864426	0.40	cps
Indium	115-1	8822356	8767277	8788689	8792774	0.32	cps
Indium	115-2	1268478	1280706	1271454	1273546	0.50	cps
Iron	56-2	261156	263224	264406	262928	0.63	cps
Iron	57-2	7380	7369	7780	7510	3.12	cps
Krypton	83-1	543	500	580	541	7.40	cps
Lead	206-1	679072	675437	677745	677418	0.27	cps
Lead	207-1	583409	572164	574273	576615	1.04	cps
Lead	208-1	2683313	2638948	2652950	2658404	0.85	cps
Lithium	6-1	2518188	2510429	2502269	2510295	0.32	cps
Magnesium	24-2	583120	587099	583568	584595	0.37	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33996	34340	34567	34301	0.84	cps
Molybdenum	94-1	2109	1792	2184	2028	10.25	cps
Molybdenum	95-1	775	683	750	736	6.44	cps
Molybdenum	96-1	1033	1150	1108	1097	5.39	cps
Molybdenum	97-1	442	467	450	453	2.81	cps
Molybdenum	98-1	1242	1142	1125	1170	5.40	cps
Neodymium	150-1	107	93	80	93	14.29	cps
Neodymium	150-2	53	40	40	44	17.32	cps
Nickel	60-2	1470	1537	1590	1532	3.92	cps
Phosphorus	31-2	1684	1667	1558	1636	4.15	cps
Potassium	39-2	76992	77578	78273	77614	0.83	cps
Rhodium	103-1	7361245	7189445	7260044	7270245	1.19	cps
Rhodium	103-2	3193462	3203840	3207852	3201718	0.23	cps
Scandium	45-1	4666249	4593260	4577832	4612447	1.02	cps
Scandium	45-2	182478	181722	182894	182365	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	6	15	9	61.79	cps
Selenium	82-1	32	102	-11	41	138.94	cps
Silicon	28-1	9955947	9992512	10033523	9993994	0.39	cps
Silver	109-1	200	142	192	178	17.75	cps
Silver	107-1	200	325	250	258	24.36	cps
Sodium	23-2	7499687	7516930	7533543	7516720	0.23	cps
Strontium	86-1	76579	72953	73472	74334	2.64	cps
Strontium	88-1	652216	640419	643898	645511	0.94	cps
Sulfur	34-1	384656	386747	380747	384050	0.79	cps
Terbium	159-1	14427456	14245811	14312647	14328638	0.64	cps
Terbium	159-2	5366545	5353446	5374277	5364756	0.20	cps
Thallium	203-1	850	1033	858	914	11.33	cps
Thallium	205-1	1600	1508	1358	1489	8.20	cps
Thorium	232-1	3434	3323	3367	3375	1.66	cps
Tin	118-1	9287	9287	9629	9401	2.10	cps
Titanium	47-1	1383	1500	1617	1500	7.78	cps
Uranium	238-1	3634	3784	3592	3670	2.75	cps
Vanadium	51-2	277	280	233	263	9.89	cps
Yttrium	89-1	8256652	8169569	8200673	8208965	0.54	cps
Yttrium	89-2	917220	916714	914008	915981	0.19	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5245-01	Instrumnet Name :	P7
Client Sample ID :	391009040	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 12:59:13	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	624364	629947	635331	629880	0.87	cps
Zirconium	90-1	4368	4067	3976	4137	4.95	cps
Zirconium	91-1	842	775	992	870	12.76	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1967	2125	2034	2042	3.89	cps
Antimony	121-1	5018	4359	4509	4629	7.46	cps
Arsenic	75-1	-674	-746	-810	-743	-9.16	cps
Barium	135-1	15576	15501	15743	15607	0.79	cps
Barium	137-1	28129	26802	27495	27475	2.42	cps
Beryllium	9-1	50	33	72	52	37.63	cps
Bismuth	209-1	10330087	10283415	10237022	10283508	0.45	cps
Bismuth	209-2	4273617	4284444	4273563	4277208	0.15	cps
Boron	10-1	23753	24404	22593	23583	3.89	cps
Boron	11-1	113852	112424	107866	111381	2.81	cps
Cadmium	111-1	3649	3759	4005	3804	4.79	cps
Cadmium	106-1	3884	3801	4009	3898	2.69	cps
Cadmium	108-1	100	113	71	94	22.63	cps
Calcium	43-1	252235	254183	251445	252621	0.56	cps
Calcium	44-1	4072189	4078874	4090276	4080446	0.22	cps
Chromium	52-2	640	610	567	606	6.09	cps
Cobalt	59-2	1083	1037	977	1032	5.18	cps
Copper	63-2	227076	227032	228095	227401	0.26	cps
Dysprosium	156-1	75	42	58	58	28.57	cps
Dysprosium	156-2	23	27	20	23	14.29	cps
Erbium	164-1	83	58	117	86	33.98	cps
Erbium	164-2	80	50	77	69	23.87	cps
Gadolinium	160-1	92	92	108	97	9.90	cps
Gadolinium	160-2	123	163	100	129	24.85	cps
Holmium	165-1	14596526	14626268	14520975	14581257	0.37	cps
Holmium	165-2	5876699	5907341	5842427	5875489	0.55	cps
Indium	115-1	8963970	8857965	8809291	8877075	0.89	cps
Indium	115-2	1259376	1273615	1262119	1265037	0.60	cps
Iron	56-2	50242	51323	50671	50745	1.07	cps
Iron	57-2	2545	2239	2500	2428	6.80	cps
Krypton	83-1	577	607	493	559	10.51	cps
Lead	206-1	131123	129530	129753	130135	0.66	cps
Lead	207-1	114091	112589	111138	112606	1.31	cps
Lead	208-1	518418	515595	515698	516571	0.31	cps
Lithium	6-1	2554287	2544281	2554950	2551172	0.23	cps
Magnesium	24-2	519047	519842	516808	518566	0.30	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27022	26995	28094	27370	2.29	cps
Molybdenum	94-1	692	542	567	600	13.39	cps
Molybdenum	95-1	692	567	658	639	10.13	cps
Molybdenum	96-1	858	917	733	836	11.20	cps
Molybdenum	97-1	558	408	517	494	15.66	cps
Molybdenum	98-1	1008	1075	1167	1083	7.34	cps
Neodymium	150-1	13	13	33	20	57.74	cps
Neodymium	150-2	10	27	13	17	52.93	cps
Nickel	60-2	31988	32603	32312	32301	0.95	cps
Phosphorus	31-2	1133	1125	1125	1128	0.43	cps
Potassium	39-2	100908	100194	98888	99997	1.02	cps
Rhodium	103-1	7314507	7244963	7298400	7285957	0.50	cps
Rhodium	103-2	3190126	3178902	3185927	3184985	0.18	cps
Scandium	45-1	4633959	4637189	4637771	4636306	0.04	cps
Scandium	45-2	180505	181949	183313	181922	0.77	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	9	17	11	12	31.24	cps
Selenium	82-1	-58	-55	70	-14	-504.05	cps
Silicon	28-1	5815200	5830825	5862976	5836333	0.42	cps
Silver	109-1	208	192	200	200	4.16	cps
Silver	107-1	200	183	158	181	11.62	cps
Sodium	23-2	8370674	8317623	8289733	8326010	0.49	cps
Strontium	86-1	89890	90149	88857	89632	0.76	cps
Strontium	88-1	778252	775040	773136	775476	0.33	cps
Sulfur	34-1	365119	365971	364224	365105	0.24	cps
Terbium	159-1	14541867	14452454	14336904	14443742	0.71	cps
Terbium	159-2	5323889	5342335	5315239	5327154	0.26	cps
Thallium	203-1	1050	1075	1042	1056	1.64	cps
Thallium	205-1	1975	2217	1750	1981	11.78	cps
Thorium	232-1	2723	2978	2884	2862	4.52	cps
Tin	118-1	4301	4009	4076	4129	3.70	cps
Titanium	47-1	658	600	650	636	4.96	cps
Uranium	238-1	3042	2975	2959	2992	1.47	cps
Vanadium	51-2	73	63	93	77	19.93	cps
Yttrium	89-1	8289979	8219427	8289442	8266282	0.49	cps
Yttrium	89-2	912952	909385	911175	911171	0.20	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5253-01	Instrumnet Name :	P7
Client Sample ID :	39093013	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:02:48	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	676611	680933	680139	679228	0.34	cps
Zirconium	90-1	958	733	908	867	13.63	cps
Zirconium	91-1	117	192	192	167	25.98	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1467	1258	1458	1395	8.46	cps
Antimony	121-1	1875	1584	1683	1714	8.65	cps
Arsenic	75-1	-262	-753	-571	-529	-46.98	cps
Barium	135-1	107253	107873	107355	107494	0.31	cps
Barium	137-1	190311	187130	186257	187899	1.14	cps
Beryllium	9-1	22	33	39	31	26.96	cps
Bismuth	209-1	10035111	10123299	10106095	10088169	0.46	cps
Bismuth	209-2	4221718	4197238	4226447	4215135	0.37	cps
Boron	10-1	27985	29187	28837	28670	2.16	cps
Boron	11-1	136892	139069	135127	137029	1.44	cps
Cadmium	111-1	2988	2741	2920	2883	4.42	cps
Cadmium	106-1	3976	3684	3851	3837	3.82	cps
Cadmium	108-1	17	42	21	26	50.76	cps
Calcium	43-1	648751	649376	642835	646987	0.56	cps
Calcium	44-1	10647969	10724723	10620018	10664237	0.51	cps
Chromium	52-2	510	463	533	502	7.10	cps
Cobalt	59-2	1553	1457	1523	1511	3.27	cps
Copper	63-2	903310	909173	911323	907935	0.46	cps
Dysprosium	156-1	42	17	50	36	48.03	cps
Dysprosium	156-2	27	27	30	28	6.92	cps
Erbium	164-1	108	83	92	94	13.48	cps
Erbium	164-2	67	70	80	72	9.61	cps
Gadolinium	160-1	83	67	75	75	11.11	cps
Gadolinium	160-2	97	143	153	131	23.07	cps
Holmium	165-1	14550959	14621986	14507076	14560007	0.40	cps
Holmium	165-2	5870357	5870576	5893830	5878254	0.23	cps
Indium	115-1	8685326	8839504	8742422	8755751	0.89	cps
Indium	115-2	1254566	1264836	1266989	1262130	0.53	cps
Iron	56-2	7458	6952	7969	7459	6.82	cps
Iron	57-2	3112	3273	3006	3130	4.29	cps
Krypton	83-1	597	597	497	563	10.25	cps
Lead	206-1	8831	8931	8903	8888	0.58	cps
Lead	207-1	7919	7953	7991	7954	0.45	cps
Lead	208-1	35592	36482	35113	35729	1.94	cps
Lithium	6-1	2505928	2511956	2508423	2508769	0.12	cps
Magnesium	24-2	1272804	1278214	1271031	1274017	0.29	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2157	1980	2134	2090	4.59	cps
Molybdenum	94-1	1208	1183	1117	1170	4.05	cps
Molybdenum	95-1	1567	1575	1617	1586	1.69	cps
Molybdenum	96-1	1950	1642	1659	1750	9.91	cps
Molybdenum	97-1	900	1083	967	983	9.44	cps
Molybdenum	98-1	2659	2767	2459	2628	5.95	cps
Neodymium	150-1	40	13	27	27	50.01	cps
Neodymium	150-2	17	3	20	13	66.16	cps
Nickel	60-2	1040888	1047947	1045641	1044826	0.34	cps
Phosphorus	31-2	500	600	533	544	9.35	cps
Potassium	39-2	221083	223508	224703	223098	0.83	cps
Rhodium	103-1	7101788	7135405	7154885	7130693	0.38	cps
Rhodium	103-2	3149719	3170084	3171111	3163638	0.38	cps
Scandium	45-1	4584884	4628064	4636612	4616520	0.60	cps
Scandium	45-2	181574	183339	184293	183069	0.75	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	17	13	12	37.75	cps
Selenium	82-1	-60	22	103	22	372.95	cps
Silicon	28-1	11912899	11912217	11950203	11925107	0.18	cps
Silver	109-1	125	175	217	172	26.65	cps
Silver	107-1	242	133	167	181	30.73	cps
Sodium	23-2	17048106	17026899	16918718	16997908	0.41	cps
Strontium	86-1	283923	286189	286146	285420	0.45	cps
Strontium	88-1	2475918	2496285	2488921	2487041	0.41	cps
Sulfur	34-1	516505	515958	509784	514083	0.73	cps
Terbium	159-1	14405326	14492820	14393381	14430509	0.38	cps
Terbium	159-2	5366030	5337095	5341084	5348070	0.29	cps
Thallium	203-1	875	1050	958	961	9.11	cps
Thallium	205-1	1400	1517	1642	1520	7.96	cps
Thorium	232-1	2734	2650	2711	2699	1.60	cps
Tin	118-1	5726	6185	6343	6085	5.27	cps
Titanium	47-1	492	558	475	508	8.68	cps
Uranium	238-1	4651	4618	4609	4626	0.48	cps
Vanadium	51-2	663	637	570	623	7.71	cps
Yttrium	89-1	8106555	8209467	8225613	8180545	0.79	cps
Yttrium	89-2	911213	911675	912108	911665	0.05	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5254-01	Instrumnet Name :	P7
Client Sample ID :	390930037	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:06:23	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	525866	529560	531197	528874	0.52	cps
Zirconium	90-1	800	750	700	750	6.67	cps
Zirconium	91-1	117	142	142	133	10.83	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4593	4501	4384	4493	2.32	cps
Antimony	121-1	1325	1483	1083	1297	15.53	cps
Arsenic	75-1	-666	-566	-758	-663	-14.48	cps
Barium	135-1	14875	15976	15034	15295	3.89	cps
Barium	137-1	28096	26718	27645	27486	2.56	cps
Beryllium	9-1	33	50	28	37	31.22	cps
Bismuth	209-1	10179266	10230693	10269860	10226606	0.44	cps
Bismuth	209-2	4209718	4267764	4261619	4246367	0.75	cps
Boron	10-1	11838	11621	11230	11563	2.67	cps
Boron	11-1	55519	55193	55068	55260	0.42	cps
Cadmium	111-1	2685	2521	2787	2665	5.04	cps
Cadmium	106-1	3709	3509	3942	3720	5.83	cps
Cadmium	108-1	13	29	8	17	66.16	cps
Calcium	43-1	235099	234411	240203	236571	1.34	cps
Calcium	44-1	3823923	3823084	3822151	3823053	0.02	cps
Chromium	52-2	520	503	607	543	10.21	cps
Cobalt	59-2	247	220	180	216	15.57	cps
Copper	63-2	223063	227269	224646	224993	0.94	cps
Dysprosium	156-1	42	67	67	58	24.74	cps
Dysprosium	156-2	27	60	30	39	47.20	cps
Erbium	164-1	158	108	133	133	18.75	cps
Erbium	164-2	73	63	50	62	18.81	cps
Gadolinium	160-1	58	125	108	97	35.68	cps
Gadolinium	160-2	110	153	143	136	16.74	cps
Holmium	165-1	14426859	14465646	14405609	14432704	0.21	cps
Holmium	165-2	5822527	5801512	5829601	5817880	0.25	cps
Indium	115-1	8711169	8687627	8716853	8705216	0.18	cps
Indium	115-2	1232875	1256563	1241484	1243641	0.96	cps
Iron	56-2	69152	69966	69168	69429	0.67	cps
Iron	57-2	2773	2900	2695	2789	3.72	cps
Krypton	83-1	453	600	583	546	14.72	cps
Lead	206-1	151564	150136	149807	150502	0.62	cps
Lead	207-1	128280	127785	126641	127568	0.66	cps
Lead	208-1	592876	591950	585779	590202	0.65	cps
Lithium	6-1	2481055	2483455	2484236	2482915	0.07	cps
Magnesium	24-2	596916	595688	594093	595566	0.24	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138958	138599	141409	139655	1.09	cps
Molybdenum	94-1	1025	950	842	939	9.82	cps
Molybdenum	95-1	475	600	383	486	22.37	cps
Molybdenum	96-1	633	742	642	672	8.97	cps
Molybdenum	97-1	333	367	308	336	8.71	cps
Molybdenum	98-1	817	800	758	792	3.79	cps
Neodymium	150-1	53	53	53	53	0.00	cps
Neodymium	150-2	37	13	30	27	45.08	cps
Nickel	60-2	607	667	670	648	5.50	cps
Phosphorus	31-2	1934	1767	1500	1734	12.61	cps
Potassium	39-2	74889	75107	74530	74842	0.39	cps
Rhodium	103-1	7111682	7155857	7118198	7128579	0.33	cps
Rhodium	103-2	3103439	3170447	3124490	3132792	1.09	cps
Scandium	45-1	4475925	4445791	4535131	4485615	1.01	cps
Scandium	45-2	178073	178906	179205	178728	0.33	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	11	7	11	33.30	cps
Selenium	82-1	92	-75	-51	-11	-794.50	cps
Silicon	28-1	10274732	10224121	10244428	10247760	0.25	cps
Silver	109-1	175	242	133	183	29.81	cps
Silver	107-1	292	233	242	256	12.34	cps
Sodium	23-2	7312766	7401586	7333430	7349261	0.63	cps
Strontium	86-1	73555	73740	73195	73496	0.38	cps
Strontium	88-1	633084	630434	630603	631374	0.23	cps
Sulfur	34-1	390995	385399	384252	386882	0.93	cps
Terbium	159-1	14184381	14418996	14317773	14307050	0.82	cps
Terbium	159-2	5293164	5345971	5273839	5304325	0.70	cps
Thallium	203-1	792	617	750	720	12.71	cps
Thallium	205-1	942	1092	1342	1125	17.96	cps
Thorium	232-1	2773	2473	2295	2513	9.61	cps
Tin	118-1	30100	29699	28956	29585	1.96	cps
Titanium	47-1	1333	1408	1450	1397	4.23	cps
Uranium	238-1	3092	3000	2717	2937	6.66	cps
Vanadium	51-2	127	107	120	118	8.65	cps
Yttrium	89-1	8040647	8097823	8071868	8070113	0.35	cps
Yttrium	89-2	883468	898528	887184	889727	0.88	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5255-01	Instrumnet Name :	P7
Client Sample ID :	391001032	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:09:58	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	64702	64287	63993	64328	0.55	cps
Zirconium	90-1	1967	2250	1675	1964	14.64	cps
Zirconium	91-1	325	383	517	408	24.06	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3334	3559	3617	3503	4.27	cps
Antimony	121-1	725	700	817	747	8.22	cps
Arsenic	75-1	-717	-916	-743	-792	-13.67	cps
Barium	135-1	15918	15993	16427	16113	1.71	cps
Barium	137-1	28263	27887	26927	27692	2.49	cps
Beryllium	9-1	72	50	44	56	26.45	cps
Bismuth	209-1	10095453	9959812	10140169	10065145	0.93	cps
Bismuth	209-2	4194837	4228090	4241629	4221519	0.57	cps
Boron	10-1	9178	8394	8102	8558	6.50	cps
Boron	11-1	42043	42244	38634	40973	4.95	cps
Cadmium	111-1	2586	2726	2452	2588	5.30	cps
Cadmium	106-1	3667	3817	3467	3651	4.81	cps
Cadmium	108-1	29	21	21	24	20.39	cps
Calcium	43-1	237832	237587	237145	237522	0.15	cps
Calcium	44-1	3840115	3839666	3815900	3831894	0.36	cps
Chromium	52-2	600	500	537	546	9.27	cps
Cobalt	59-2	207	247	197	217	12.21	cps
Copper	63-2	106434	107075	105041	106183	0.98	cps
Dysprosium	156-1	83	33	50	56	45.83	cps
Dysprosium	156-2	30	33	53	39	32.45	cps
Erbium	164-1	125	92	150	122	23.95	cps
Erbium	164-2	93	63	67	74	22.09	cps
Gadolinium	160-1	108	92	50	83	36.06	cps
Gadolinium	160-2	133	127	120	127	5.27	cps
Holmium	165-1	14347835	14272552	14278178	14299522	0.29	cps
Holmium	165-2	5778101	5793368	5760114	5777194	0.29	cps
Indium	115-1	8583874	8528549	8565415	8559279	0.33	cps
Indium	115-2	1238810	1234735	1236571	1236705	0.16	cps
Iron	56-2	70440	71100	70759	70766	0.47	cps
Iron	57-2	2689	3017	3034	2913	6.67	cps
Krypton	83-1	523	560	590	558	5.99	cps
Lead	206-1	62044	60889	60661	61198	1.21	cps
Lead	207-1	53960	52102	53078	53047	1.75	cps
Lead	208-1	247559	240750	243733	244014	1.40	cps
Lithium	6-1	2430929	2417184	2449412	2432508	0.66	cps
Magnesium	24-2	611164	604224	609187	608192	0.59	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	169790	170231	168296	169439	0.60	cps
Molybdenum	94-1	1125	1042	975	1047	7.18	cps
Molybdenum	95-1	450	425	483	453	6.46	cps
Molybdenum	96-1	550	533	525	536	2.37	cps
Molybdenum	97-1	283	342	275	300	12.11	cps
Molybdenum	98-1	767	817	642	742	12.15	cps
Neodymium	150-1	67	73	80	73	9.09	cps
Neodymium	150-2	27	20	40	29	35.25	cps
Nickel	60-2	2854	2574	3007	2811	7.82	cps
Phosphorus	31-2	1642	1650	1433	1575	7.79	cps
Potassium	39-2	75568	76012	74630	75403	0.94	cps
Rhodium	103-1	7090019	7070902	7079890	7080270	0.14	cps
Rhodium	103-2	3122094	3102453	3116682	3113743	0.33	cps
Scandium	45-1	4391317	4403243	4394530	4396363	0.14	cps
Scandium	45-2	176999	176204	179129	177444	0.85	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	6	7	43.24	cps
Selenium	82-1	-15	-7	-54	-25	-100.31	cps
Silicon	28-1	9963387	9921404	10012426	9965739	0.46	cps
Silver	109-1	142	133	83	119	26.41	cps
Silver	107-1	233	167	133	178	28.64	cps
Sodium	23-2	7218709	7169844	7204712	7197755	0.35	cps
Strontium	86-1	72885	71219	72047	72050	1.16	cps
Strontium	88-1	620298	611556	620408	617420	0.82	cps
Sulfur	34-1	388722	388621	382920	386755	0.86	cps
Terbium	159-1	14134797	14007115	14158496	14100136	0.58	cps
Terbium	159-2	5224824	5250156	5247386	5240789	0.27	cps
Thallium	203-1	533	683	550	589	13.96	cps
Thallium	205-1	1183	1150	1100	1145	3.67	cps
Thorium	232-1	2717	2661	2489	2623	4.53	cps
Tin	118-1	867	675	783	775	12.40	cps
Titanium	47-1	1342	1383	1225	1317	6.23	cps
Uranium	238-1	3317	3059	2784	3053	8.74	cps
Vanadium	51-2	130	137	123	130	5.13	cps
Yttrium	89-1	8032647	7923324	8000100	7985357	0.70	cps
Yttrium	89-2	892848	885914	884579	887780	0.50	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5256-01	Instrumnet Name :	P7
Client Sample ID :	391001036	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:13:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	50661	50062	49952	50225	0.76	cps
Zirconium	90-1	1817	2059	1884	1920	6.50	cps
Zirconium	91-1	417	408	533	453	15.44	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCV52 Instrumnet Name : P7
 Client Sample ID : CCV52 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:17:06 DataFile Name : 032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2996556	2988787	2991874	2992406	0.13	cps
Antimony	121-1	3323927	3309614	3292611	3308717	0.47	cps
Arsenic	75-1	609834	612421	605489	609248	0.58	cps
Barium	135-1	4157431	4133245	4107635	4132770	0.60	cps
Barium	137-1	7538501	7541712	7519710	7533307	0.16	cps
Beryllium	9-1	615061	619326	607290	613893	0.99	cps
Bismuth	209-1	9046140	9143776	8902542	9030820	1.34	cps
Bismuth	209-2	3795623	3799909	3739268	3778267	0.90	cps
Boron	10-1	128233	131366	131165	130255	1.35	cps
Boron	11-1	598534	614775	615042	609450	1.55	cps
Cadmium	111-1	878604	878211	877158	877991	0.09	cps
Cadmium	106-1	110847	111964	112579	111797	0.79	cps
Cadmium	108-1	74779	74499	75031	74769	0.36	cps
Calcium	43-1	4300168	4285859	4245531	4277186	0.66	cps
Calcium	44-1	70622620	71037233	70280766	70646873	0.54	cps
Chromium	52-2	815441	817963	813646	815683	0.27	cps
Cobalt	59-2	1246937	1245825	1241456	1244740	0.23	cps
Copper	63-2	1763406	1757764	1750123	1757098	0.38	cps
Dysprosium	156-1	117	100	150	122	20.83	cps
Dysprosium	156-2	67	93	57	72	26.25	cps
Erbium	164-1	83	67	50	67	25.00	cps
Erbium	164-2	50	73	63	62	18.81	cps
Gadolinium	160-1	50	108	92	83	36.06	cps
Gadolinium	160-2	163	147	123	144	13.91	cps
Holmium	165-1	14190606	14100790	14023471	14104956	0.59	cps
Holmium	165-2	5655683	5686099	5614794	5652192	0.63	cps
Indium	115-1	8037121	8055732	7961378	8018077	0.62	cps
Indium	115-2	1169803	1170812	1161838	1167484	0.42	cps
Iron	56-2	168697170	168753354	168439726	168630083	0.10	cps
Iron	57-2	4199985	4229170	4196445	4208533	0.43	cps
Krypton	83-1	553	540	593	562	4.94	cps
Lead	206-1	3754688	3749708	3767096	3757164	0.24	cps
Lead	207-1	3346742	3334658	3339147	3340182	0.18	cps
Lead	208-1	15504561	15525252	15420503	15483439	0.36	cps
Lithium	6-1	2367072	2340942	2327525	2345180	0.86	cps
Magnesium	24-2	36188057	36220347	36034626	36147677	0.27	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:17:06	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	949337	953920	950039	951099	0.26	cps
Molybdenum	94-1	6465378	6440016	6391753	6432382	0.58	cps
Molybdenum	95-1	7843239	7880005	7834301	7852515	0.31	cps
Molybdenum	96-1	8721278	8746214	8687137	8718210	0.34	cps
Molybdenum	97-1	4775825	4760037	4766626	4767496	0.17	cps
Molybdenum	98-1	12835248	12848416	12799347	12827670	0.20	cps
Neodymium	150-1	347	507	500	451	20.07	cps
Neodymium	150-2	37	27	40	34	20.14	cps
Nickel	60-2	318934	317463	316796	317731	0.34	cps
Phosphorus	31-2	25965	25431	25556	25651	1.09	cps
Potassium	39-2	12634798	12657994	12721307	12671366	0.35	cps
Rhodium	103-1	6421064	6411248	6355696	6396003	0.55	cps
Rhodium	103-2	2815863	2841364	2810938	2822721	0.58	cps
Scandium	45-1	4418893	4376714	4296733	4364113	1.42	cps
Scandium	45-2	176040	176622	176665	176442	0.20	cps
Selenium	77-2	2044	2157	2084	2095	2.74	cps
Selenium	78-2	7287	7289	7382	7319	0.74	cps
Selenium	82-1	65117	65180	63855	64717	1.15	cps
Silicon	28-1	1795267	1804887	1778580	1792911	0.74	cps
Silver	109-1	3624732	3621182	3619867	3621927	0.07	cps
Silver	107-1	3754314	3743316	3719335	3738988	0.48	cps
Sodium	23-2	71475814	71036333	70451724	70987957	0.72	cps
Strontium	86-1	990142	1002833	984225	992400	0.96	cps
Strontium	88-1	8816177	8870491	8783172	8823280	0.50	cps
Sulfur	34-1	636544	635226	629421	633731	0.60	cps
Terbium	159-1	14039543	14000659	13872610	13970937	0.63	cps
Terbium	159-2	5143347	5115033	5051600	5103327	0.92	cps
Thallium	203-1	4555695	4546512	4541820	4548009	0.16	cps
Thallium	205-1	11413954	11416142	11497955	11442684	0.42	cps
Thorium	232-1	18633428	18590472	18458095	18560665	0.49	cps
Tin	118-1	2878846	2858376	2836411	2857878	0.74	cps
Titanium	47-1	1894958	1902470	1898213	1898547	0.20	cps
Uranium	238-1	18808881	18637204	18755696	18733927	0.47	cps
Vanadium	51-2	619128	619869	621275	620091	0.18	cps
Yttrium	89-1	7838506	7881237	7824273	7848005	0.38	cps
Yttrium	89-2	881731	882312	882381	882142	0.04	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P7
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:17:06	DataFile Name :	032CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	300223	300499	301078	300600	0.15	cps
Zirconium	90-1	5277559	5311735	5276100	5288464	0.38	cps
Zirconium	91-1	1160030	1161691	1147308	1156343	0.68	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P7
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:20:42 DataFile Name : 033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	492	392	350	411	17.71	cps
Antimony	121-1	2800	2600	3159	2853	9.92	cps
Arsenic	75-1	-1123	-1071	-1127	-1107	-2.81	cps
Barium	135-1	942	608	517	689	32.47	cps
Barium	137-1	1625	1283	1283	1397	14.12	cps
Beryllium	9-1	206	194	206	202	3.18	cps
Bismuth	209-1	10692154	10663182	10698641	10684659	0.18	cps
Bismuth	209-2	4465245	4469839	4519315	4484800	0.67	cps
Boron	10-1	8486	8403	8078	8322	2.59	cps
Boron	11-1	43647	41299	40438	41795	3.97	cps
Cadmium	111-1	3414	2864	3213	3164	8.80	cps
Cadmium	106-1	4501	3817	4326	4215	8.42	cps
Cadmium	108-1	17	21	54	31	67.27	cps
Calcium	43-1	950	750	758	820	13.81	cps
Calcium	44-1	17628	15859	14992	16159	8.31	cps
Chromium	52-2	437	473	443	451	4.33	cps
Cobalt	59-2	167	167	150	161	5.97	cps
Copper	63-2	650	647	703	667	4.77	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	20	20	37	26	37.66	cps
Erbium	164-1	67	83	83	78	12.37	cps
Erbium	164-2	53	60	43	52	16.07	cps
Gadolinium	160-1	50	67	75	64	19.92	cps
Gadolinium	160-2	137	110	137	128	12.05	cps
Holmium	165-1	14796526	14863341	14940470	14866779	0.48	cps
Holmium	165-2	6112083	6110144	6124703	6115644	0.13	cps
Indium	115-1	9240842	9261117	9303456	9268471	0.34	cps
Indium	115-2	1342988	1347571	1345251	1345270	0.17	cps
Iron	56-2	23185	21627	19847	21553	7.75	cps
Iron	57-2	578	572	539	563	3.74	cps
Krypton	83-1	600	613	627	613	2.17	cps
Lead	206-1	1906	1622	1645	1724	9.14	cps
Lead	207-1	1889	1800	1467	1719	12.95	cps
Lead	208-1	7273	6745	6051	6690	9.17	cps
Lithium	6-1	2682484	2674075	2672540	2676367	0.20	cps
Magnesium	24-2	4501	4067	4034	4201	6.20	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:20:42	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	137	173	123	144	17.92	cps
Molybdenum	94-1	2217	2050	1925	2064	7.09	cps
Molybdenum	95-1	2259	2234	1675	2056	16.05	cps
Molybdenum	96-1	2750	2434	2484	2556	6.66	cps
Molybdenum	97-1	1408	1358	1233	1333	6.76	cps
Molybdenum	98-1	3826	3651	3376	3617	6.27	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	7	7	3	6	34.70	cps
Nickel	60-2	137	127	137	133	4.33	cps
Phosphorus	31-2	50	67	42	53	24.12	cps
Potassium	39-2	9887	9445	9637	9656	2.30	cps
Rhodium	103-1	7737065	7770406	7824266	7777246	0.57	cps
Rhodium	103-2	3401022	3422755	3432336	3418704	0.47	cps
Scandium	45-1	4833284	4844939	4918869	4865697	0.95	cps
Scandium	45-2	194161	194495	195917	194858	0.48	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	6	11	9	32.69	cps
Selenium	82-1	-33	-54	-49	-45	-23.76	cps
Silicon	28-1	73489	71973	72274	72579	1.11	cps
Silver	109-1	892	717	542	717	24.42	cps
Silver	107-1	825	842	775	814	4.26	cps
Sodium	23-2	27276	25931	24604	25937	5.15	cps
Strontium	86-1	1133	1267	892	1097	17.33	cps
Strontium	88-1	1950	1625	1575	1717	11.86	cps
Sulfur	34-1	331132	327407	328595	329045	0.58	cps
Terbium	159-1	14874224	14764135	14875727	14838029	0.43	cps
Terbium	159-2	5555171	5532828	5510150	5532716	0.41	cps
Thallium	203-1	2342	1867	2100	2103	11.30	cps
Thallium	205-1	5493	4543	4318	4784	13.04	cps
Thorium	232-1	8709	8909	8086	8568	5.01	cps
Tin	118-1	1700	2009	1834	1847	8.37	cps
Titanium	47-1	408	525	375	436	18.06	cps
Uranium	238-1	6068	5601	5518	5729	5.18	cps
Vanadium	51-2	63	50	50	54	14.14	cps
Yttrium	89-1	8626351	8609008	8679227	8638195	0.42	cps
Yttrium	89-2	964153	962244	970812	965736	0.47	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P7
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:20:42	DataFile Name :	033CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	237	227	250	238	4.92	cps
Zirconium	90-1	1784	2042	1775	1867	8.12	cps
Zirconium	91-1	475	408	333	406	17.48	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6877	6710	6918	6835	1.61	cps
Antimony	121-1	1192	1383	1333	1303	7.63	cps
Arsenic	75-1	-943	-889	-894	-909	-3.32	cps
Barium	135-1	15843	15618	16143	15868	1.66	cps
Barium	137-1	27895	28747	28906	28516	1.91	cps
Beryllium	9-1	67	89	106	87	22.42	cps
Bismuth	209-1	10005635	10186135	10404592	10198787	1.96	cps
Bismuth	209-2	4248709	4289501	4289483	4275898	0.55	cps
Boron	10-1	8428	8161	7877	8155	3.37	cps
Boron	11-1	39786	39419	38282	39163	2.00	cps
Cadmium	111-1	2836	2790	2495	2707	6.85	cps
Cadmium	106-1	3967	3934	3567	3823	5.81	cps
Cadmium	108-1	38	29	33	33	12.50	cps
Calcium	43-1	235921	240204	238264	238130	0.90	cps
Calcium	44-1	3817243	3851263	3866806	3845104	0.66	cps
Chromium	52-2	663	520	553	579	12.96	cps
Cobalt	59-2	220	287	237	248	14.00	cps
Copper	63-2	306144	305055	307847	306349	0.46	cps
Dysprosium	156-1	100	100	175	125	34.64	cps
Dysprosium	156-2	60	60	63	61	3.15	cps
Erbium	164-1	233	292	133	219	36.49	cps
Erbium	164-2	100	77	93	90	13.35	cps
Gadolinium	160-1	200	183	92	158	36.84	cps
Gadolinium	160-2	150	177	193	173	12.61	cps
Holmium	165-1	14356320	14518945	14559495	14478253	0.74	cps
Holmium	165-2	5853857	5910086	5926168	5896704	0.64	cps
Indium	115-1	8731555	8841961	8928487	8834001	1.12	cps
Indium	115-2	1276697	1276702	1280483	1277961	0.17	cps
Iron	56-2	253112	252491	254756	253453	0.46	cps
Iron	57-2	7369	7469	7169	7335	2.08	cps
Krypton	83-1	563	517	563	548	4.92	cps
Lead	206-1	233403	237952	241310	237555	1.67	cps
Lead	207-1	206680	207212	211568	208486	1.29	cps
Lead	208-1	940148	957536	969720	955802	1.55	cps
Lithium	6-1	2554366	2569218	2605694	2576426	1.03	cps
Magnesium	24-2	624124	628792	619228	624048	0.77	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201790	199718	202915	201474	0.80	cps
Molybdenum	94-1	2067	2267	2192	2175	4.65	cps
Molybdenum	95-1	683	692	725	700	3.15	cps
Molybdenum	96-1	1075	1075	1250	1133	8.92	cps
Molybdenum	97-1	575	550	458	528	11.64	cps
Molybdenum	98-1	1250	1300	1150	1233	6.19	cps
Neodymium	150-1	113	93	160	122	27.99	cps
Neodymium	150-2	40	43	33	39	13.09	cps
Nickel	60-2	2184	2120	2077	2127	2.52	cps
Phosphorus	31-2	1692	1850	1725	1756	4.75	cps
Potassium	39-2	79404	79464	80217	79695	0.57	cps
Rhodium	103-1	7260318	7334117	7302146	7298860	0.51	cps
Rhodium	103-2	3203913	3192012	3214193	3203373	0.35	cps
Scandium	45-1	4684661	4694966	4701260	4693629	0.18	cps
Scandium	45-2	185262	185434	184706	185134	0.21	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	11	9	9	32.69	cps
Selenium	82-1	24	41	-11	18	149.28	cps
Silicon	28-1	10413944	10578952	10583630	10525509	0.92	cps
Silver	109-1	342	342	358	347	2.77	cps
Silver	107-1	358	383	492	411	17.24	cps
Sodium	23-2	7645080	7675011	7683218	7667770	0.26	cps
Strontium	86-1	72114	72366	72350	72276	0.19	cps
Strontium	88-1	626474	624697	627817	626329	0.25	cps
Sulfur	34-1	413221	410811	413675	412569	0.37	cps
Terbium	159-1	14299175	14456296	14538381	14431284	0.84	cps
Terbium	159-2	5289952	5340463	5385781	5338732	0.90	cps
Thallium	203-1	1175	1058	942	1058	11.02	cps
Thallium	205-1	1975	2067	1900	1981	4.21	cps
Thorium	232-1	4179	3973	4101	4084	2.54	cps
Tin	118-1	169441	169722	171208	170124	0.56	cps
Titanium	47-1	1875	1934	2159	1989	7.52	cps
Uranium	238-1	3376	3742	3492	3537	5.30	cps
Vanadium	51-2	193	130	197	173	21.67	cps
Yttrium	89-1	8214076	8268818	8332052	8271648	0.71	cps
Yttrium	89-2	912178	917668	919095	916314	0.40	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01	Instrumnet Name :	P7
Client Sample ID :	391001038	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:24:16	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54642	54813	55997	55151	1.34	cps
Zirconium	90-1	4226	4668	5043	4645	8.80	cps
Zirconium	91-1	975	1008	1008	997	1.93	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7160	6935	6960	7019	1.76	cps
Antimony	121-1	700	758	975	811	17.87	cps
Arsenic	75-1	-740	-952	-824	-839	-12.74	cps
Barium	135-1	16627	16043	15943	16204	2.28	cps
Barium	137-1	28154	28480	27336	27990	2.11	cps
Beryllium	9-1	94	56	67	72	27.73	cps
Bismuth	209-1	10158652	10204405	10193437	10185498	0.23	cps
Bismuth	209-2	4251944	4273535	4316644	4280708	0.77	cps
Boron	10-1	6627	6310	6468	6468	2.45	cps
Boron	11-1	30849	30740	30256	30615	1.03	cps
Cadmium	111-1	2708	2954	2868	2843	4.39	cps
Cadmium	106-1	3767	4192	4026	3995	5.36	cps
Cadmium	108-1	21	29	21	24	20.39	cps
Calcium	43-1	234734	238428	229669	234277	1.88	cps
Calcium	44-1	3784847	3776590	3757097	3772844	0.38	cps
Chromium	52-2	537	593	630	587	8.01	cps
Cobalt	59-2	243	240	243	242	0.79	cps
Copper	63-2	306206	305449	303511	305055	0.46	cps
Dysprosium	156-1	125	158	125	136	14.14	cps
Dysprosium	156-2	40	37	47	41	12.39	cps
Erbium	164-1	133	208	175	172	21.82	cps
Erbium	164-2	60	83	110	84	29.63	cps
Gadolinium	160-1	125	125	158	136	14.14	cps
Gadolinium	160-2	183	163	123	157	19.50	cps
Holmium	165-1	14329023	14267109	14407314	14334482	0.49	cps
Holmium	165-2	5901790	5845558	5893633	5880327	0.52	cps
Indium	115-1	8772002	8805909	8811843	8796584	0.24	cps
Indium	115-2	1263209	1285860	1293383	1280817	1.23	cps
Iron	56-2	248407	248490	247778	248225	0.16	cps
Iron	57-2	7691	7119	7563	7458	4.03	cps
Krypton	83-1	563	507	580	550	6.99	cps
Lead	206-1	235334	239142	237123	237199	0.80	cps
Lead	207-1	211465	209416	206805	209229	1.12	cps
Lead	208-1	958785	956132	949320	954746	0.51	cps
Lithium	6-1	2550842	2535733	2541008	2542528	0.30	cps
Magnesium	24-2	622079	613539	624401	620006	0.92	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200558	199354	201615	200509	0.56	cps
Molybdenum	94-1	2209	2000	2150	2120	5.07	cps
Molybdenum	95-1	542	500	508	517	4.27	cps
Molybdenum	96-1	958	767	775	833	13.00	cps
Molybdenum	97-1	392	350	325	356	9.47	cps
Molybdenum	98-1	1200	858	1092	1050	16.63	cps
Neodymium	150-1	127	133	120	127	5.27	cps
Neodymium	150-2	50	63	30	48	35.11	cps
Nickel	60-2	2180	2064	2150	2131	2.84	cps
Phosphorus	31-2	1875	1925	1834	1878	2.45	cps
Potassium	39-2	79463	79245	79497	79401	0.17	cps
Rhodium	103-1	7276537	7238500	7250874	7255304	0.27	cps
Rhodium	103-2	3194599	3230609	3249891	3225033	0.87	cps
Scandium	45-1	4628995	4639958	4605241	4624731	0.38	cps
Scandium	45-2	183126	183939	186872	184646	1.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	7	19	12	50.75	cps
Selenium	82-1	-50	101	21	24	312.80	cps
Silicon	28-1	10283030	10343048	10313481	10313186	0.29	cps
Silver	109-1	242	242	275	253	7.61	cps
Silver	107-1	392	308	350	350	11.91	cps
Sodium	23-2	7674711	7630976	7613217	7639634	0.41	cps
Strontium	86-1	71612	71645	72090	71783	0.37	cps
Strontium	88-1	618228	619768	625138	621045	0.58	cps
Sulfur	34-1	404334	401342	400282	401986	0.52	cps
Terbium	159-1	14395150	14204496	14415529	14338392	0.81	cps
Terbium	159-2	5360053	5322215	5389004	5357091	0.63	cps
Thallium	203-1	900	850	892	881	3.04	cps
Thallium	205-1	1458	1408	1667	1511	9.07	cps
Thorium	232-1	3062	3123	3456	3213	6.61	cps
Tin	118-1	170245	169259	169645	169716	0.29	cps
Titanium	47-1	1892	1633	1950	1825	9.24	cps
Uranium	238-1	3142	3184	3334	3220	3.13	cps
Vanadium	51-2	180	163	130	158	16.14	cps
Yttrium	89-1	8167898	8162844	8230006	8186916	0.46	cps
Yttrium	89-2	921036	921790	927613	923479	0.39	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01DUP	Instrumnet Name :	P7
Client Sample ID :	391001038DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:27:51	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	54575	55217	54357	54716	0.82	cps
Zirconium	90-1	4184	4484	4342	4337	3.46	cps
Zirconium	91-1	925	958	1125	1003	10.69	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1525	1317	1425	1422	7.33	cps
Antimony	121-1	275	242	342	286	17.80	cps
Arsenic	75-1	-1201	-1242	-1185	-1209	-2.45	cps
Barium	135-1	3234	3134	3301	3223	2.60	cps
Barium	137-1	6202	5743	5401	5782	6.95	cps
Beryllium	9-1	67	78	44	63	26.95	cps
Bismuth	209-1	10297008	10672004	10454759	10474590	1.80	cps
Bismuth	209-2	4338062	4356665	4327473	4340733	0.34	cps
Boron	10-1	3876	3559	3751	3728	4.28	cps
Boron	11-1	17778	18020	16802	17533	3.68	cps
Cadmium	111-1	2760	2835	2515	2703	6.17	cps
Cadmium	106-1	3917	4001	3584	3834	5.75	cps
Cadmium	108-1	17	17	29	21	34.64	cps
Calcium	43-1	47552	48455	49743	48583	2.27	cps
Calcium	44-1	787843	777171	783336	782783	0.68	cps
Chromium	52-2	427	450	450	442	3.05	cps
Cobalt	59-2	90	80	77	82	8.44	cps
Copper	63-2	61445	62714	62878	62345	1.26	cps
Dysprosium	156-1	58	67	50	58	14.29	cps
Dysprosium	156-2	17	10	43	23	75.58	cps
Erbium	164-1	100	25	108	78	59.01	cps
Erbium	164-2	67	63	70	67	5.00	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	140	110	183	144	25.53	cps
Holmium	165-1	14360377	14746715	14659849	14588980	1.39	cps
Holmium	165-2	5910252	5900905	5889068	5900075	0.18	cps
Indium	115-1	8751943	8990252	8827785	8856660	1.37	cps
Indium	115-2	1281393	1283579	1281710	1282228	0.09	cps
Iron	56-2	53124	52355	52840	52773	0.74	cps
Iron	57-2	1811	1539	1583	1645	8.88	cps
Krypton	83-1	550	500	630	560	11.71	cps
Lead	206-1	49849	49593	49202	49548	0.66	cps
Lead	207-1	44107	43733	43020	43620	1.27	cps
Lead	208-1	200233	198136	198326	198898	0.58	cps
Lithium	6-1	2543790	2603459	2564904	2570718	1.18	cps
Magnesium	24-2	126362	125774	128724	126953	1.23	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40887	40609	41298	40931	0.85	cps
Molybdenum	94-1	642	525	533	567	11.49	cps
Molybdenum	95-1	158	167	167	164	2.94	cps
Molybdenum	96-1	342	292	342	325	8.88	cps
Molybdenum	97-1	67	125	108	100	30.05	cps
Molybdenum	98-1	367	233	383	328	25.08	cps
Neodymium	150-1	7	27	67	33	91.64	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	510	490	473	491	3.74	cps
Phosphorus	31-2	367	367	467	400	14.43	cps
Potassium	39-2	21499	20915	21708	21374	1.92	cps
Rhodium	103-1	7247616	7477070	7463268	7395984	1.74	cps
Rhodium	103-2	3220505	3261794	3229713	3237337	0.67	cps
Scandium	45-1	4607337	4753015	4679387	4679913	1.56	cps
Scandium	45-2	184817	183423	183021	183753	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	19	11	17	32.73	cps
Selenium	82-1	3	69	-79	-2	-3109.10	cps
Silicon	28-1	2136413	2095399	2121698	2117837	0.98	cps
Silver	109-1	50	117	67	78	44.61	cps
Silver	107-1	183	150	117	150	22.22	cps
Sodium	23-2	1561243	1532351	1537231	1543608	1.00	cps
Strontium	86-1	15509	14867	15684	15353	2.80	cps
Strontium	88-1	129076	125857	129866	128266	1.66	cps
Sulfur	34-1	319876	320488	323941	321435	0.68	cps
Terbium	159-1	14348480	14614534	14489145	14484053	0.92	cps
Terbium	159-2	5387778	5358096	5342752	5362875	0.43	cps
Thallium	203-1	600	733	775	703	13.01	cps
Thallium	205-1	1358	1242	1192	1264	6.77	cps
Thorium	232-1	2750	2728	2784	2754	1.02	cps
Tin	118-1	35521	34786	34243	34850	1.84	cps
Titanium	47-1	425	508	450	461	9.27	cps
Uranium	238-1	2917	3025	3050	2998	2.36	cps
Vanadium	51-2	13	33	43	30	50.92	cps
Yttrium	89-1	8067113	8396499	8328134	8263916	2.10	cps
Yttrium	89-2	914545	915339	913598	914494	0.10	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01LX5	Instrumnet Name :	P7
Client Sample ID :	391001038L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-14 13:31:25	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11708	11565	11698	11657	0.69	cps
Zirconium	90-1	1308	1217	1492	1339	10.46	cps
Zirconium	91-1	267	283	275	275	3.03	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117551	119357	117240	118049	0.97	cps
Antimony	121-1	5964226	5967603	6020273	5984034	0.53	cps
Arsenic	75-1	949293	951768	939937	946999	0.66	cps
Barium	135-1	371771	370942	373855	372189	0.40	cps
Barium	137-1	658567	654047	661602	658072	0.58	cps
Beryllium	9-1	265808	268414	264315	266179	0.78	cps
Bismuth	209-1	10067679	10017183	10022368	10035743	0.28	cps
Bismuth	209-2	4117541	4177155	4170011	4154903	0.78	cps
Boron	10-1	83581	87000	88090	86224	2.73	cps
Boron	11-1	392982	402075	409935	401664	2.11	cps
Cadmium	111-1	397841	396577	392844	395754	0.66	cps
Cadmium	106-1	38670	38921	38971	38854	0.42	cps
Cadmium	108-1	27381	27627	26884	27297	1.39	cps
Calcium	43-1	244715	242117	243226	243353	0.54	cps
Calcium	44-1	3941413	3925119	3904369	3923634	0.47	cps
Chromium	52-2	659057	653576	662891	658508	0.71	cps
Cobalt	59-2	534094	540739	543570	539468	0.90	cps
Copper	63-2	848450	854757	853751	852320	0.40	cps
Dysprosium	156-1	588001	586532	586804	587112	0.13	cps
Dysprosium	156-2	88761	89401	89382	89181	0.41	cps
Erbium	164-1	267	192	200	219	18.73	cps
Erbium	164-2	120	113	120	118	3.26	cps
Gadolinium	160-1	367	267	350	328	16.35	cps
Gadolinium	160-2	237	230	197	221	9.69	cps
Holmium	165-1	14184516	14281332	14422021	14295956	0.84	cps
Holmium	165-2	5697628	5761060	5691657	5716782	0.67	cps
Indium	115-1	8532504	8460624	8516048	8503059	0.44	cps
Indium	115-2	1200541	1215156	1212882	1209526	0.65	cps
Iron	56-2	4527231	4601722	4552678	4560543	0.83	cps
Iron	57-2	115517	117701	116867	116695	0.94	cps
Krypton	83-1	563	550	513	542	4.78	cps
Lead	206-1	8622825	8583325	8655871	8620673	0.42	cps
Lead	207-1	7660828	7671872	7608146	7646949	0.45	cps
Lead	208-1	34898727	35279695	35151106	35109843	0.55	cps
Lithium	6-1	2551030	2524940	2530677	2535549	0.54	cps
Magnesium	24-2	889062	894068	897990	893707	0.50	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	386022	388038	388665	387575	0.36	cps
Molybdenum	94-1	719801	726151	721964	722639	0.45	cps
Molybdenum	95-1	1271947	1271102	1267482	1270177	0.19	cps
Molybdenum	96-1	1351489	1352889	1354252	1352877	0.10	cps
Molybdenum	97-1	796726	795037	791678	794480	0.32	cps
Molybdenum	98-1	2064154	2050458	2064722	2059778	0.39	cps
Neodymium	150-1	173	140	153	156	10.78	cps
Neodymium	150-2	33	57	57	49	27.56	cps
Nickel	60-2	347195	348034	352092	349107	0.75	cps
Phosphorus	31-2	16935	17594	17661	17397	2.31	cps
Potassium	39-2	1098922	1099942	1110967	1103277	0.61	cps
Rhodium	103-1	7021333	7003755	7031458	7018849	0.20	cps
Rhodium	103-2	3074590	3076914	3087199	3079568	0.22	cps
Scandium	45-1	4486398	4418045	4469106	4457849	0.80	cps
Scandium	45-2	175636	174883	175492	175337	0.23	cps
Selenium	77-2	9100	9310	9407	9272	1.69	cps
Selenium	78-2	31499	31286	30833	31206	1.09	cps
Selenium	82-1	275957	277369	278692	277339	0.49	cps
Silicon	28-1	13134782	13218337	13143698	13165606	0.35	cps
Silver	109-1	581934	586304	575509	581249	0.93	cps
Silver	107-1	594635	598913	595262	596270	0.39	cps
Sodium	23-2	8044697	8080473	8133357	8086176	0.55	cps
Strontium	86-1	480560	477156	479883	479200	0.38	cps
Strontium	88-1	4154548	4135802	4130873	4140408	0.30	cps
Sulfur	34-1	381523	378773	377509	379268	0.54	cps
Terbium	159-1	14125700	14170333	14117971	14138001	0.20	cps
Terbium	159-2	5208613	5258216	5232422	5233084	0.47	cps
Thallium	203-1	20211586	20572796	20664968	20483117	1.17	cps
Thallium	205-1	48746497	49543060	49427333	49238964	0.87	cps
Thorium	232-1	3867	4284	4095	4082	5.11	cps
Tin	118-1	4481409	4480420	4503157	4488329	0.29	cps
Titanium	47-1	165637	166831	164895	165788	0.59	cps
Uranium	238-1	3201	3551	3484	3412	5.45	cps
Vanadium	51-2	372991	372916	374168	373359	0.19	cps
Yttrium	89-1	7975422	7916132	7946351	7945968	0.37	cps
Yttrium	89-2	877812	880331	878525	878889	0.15	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MS	Instrumnet Name :	P7
Client Sample ID :	391001038MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:35:00	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115058	115102	115466	115209	0.19	cps
Zirconium	90-1	8495	8286	8486	8422	1.40	cps
Zirconium	91-1	3609	3659	3684	3651	1.05	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118845	118063	116996	117968	0.79	cps
Antimony	121-1	6063776	6063915	6099606	6075766	0.34	cps
Arsenic	75-1	967600	966516	948318	960811	1.13	cps
Barium	135-1	377653	375702	376073	376476	0.28	cps
Barium	137-1	661316	666028	664246	663863	0.36	cps
Beryllium	9-1	267360	265201	266229	266264	0.41	cps
Bismuth	209-1	9989994	10079510	10136791	10068765	0.73	cps
Bismuth	209-2	4150822	4072807	4272924	4165518	2.42	cps
Boron	10-1	87277	88308	87780	87788	0.59	cps
Boron	11-1	409591	418860	421373	416608	1.49	cps
Cadmium	111-1	402711	400684	397088	400161	0.71	cps
Cadmium	106-1	40174	39690	39874	39913	0.61	cps
Cadmium	108-1	27469	27773	27473	27572	0.63	cps
Calcium	43-1	241982	243641	245453	243692	0.71	cps
Calcium	44-1	3909908	3916345	3942790	3923014	0.44	cps
Chromium	52-2	657949	655693	666481	660041	0.86	cps
Cobalt	59-2	545678	537423	543170	542090	0.78	cps
Copper	63-2	868652	862402	874993	868682	0.72	cps
Dysprosium	156-1	585139	583075	572898	580371	1.13	cps
Dysprosium	156-2	88412	89673	91703	89929	1.85	cps
Erbium	164-1	192	142	242	192	26.09	cps
Erbium	164-2	120	127	90	112	17.41	cps
Gadolinium	160-1	325	250	342	306	15.98	cps
Gadolinium	160-2	167	140	177	161	11.77	cps
Holmium	165-1	14251738	14358647	14376164	14328850	0.47	cps
Holmium	165-2	5739379	5597768	5882692	5739946	2.48	cps
Indium	115-1	8524747	8547155	8477839	8516580	0.42	cps
Indium	115-2	1209655	1171442	1234510	1205202	2.64	cps
Iron	56-2	4595455	4572950	4624846	4597751	0.57	cps
Iron	57-2	118345	118732	118340	118472	0.19	cps
Krypton	83-1	617	543	550	570	7.11	cps
Lead	206-1	8746822	8638686	8677734	8687747	0.63	cps
Lead	207-1	7713851	7724086	7686894	7708277	0.25	cps
Lead	208-1	35321943	35224631	35410983	35319186	0.26	cps
Lithium	6-1	2535587	2536157	2516721	2529488	0.44	cps
Magnesium	24-2	896899	888774	889564	891746	0.50	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	384379	383362	388688	385476	0.73	cps
Molybdenum	94-1	728965	730432	728352	729250	0.15	cps
Molybdenum	95-1	1280489	1276537	1281597	1279541	0.21	cps
Molybdenum	96-1	1366979	1365373	1372006	1368119	0.25	cps
Molybdenum	97-1	805051	805618	806791	805820	0.11	cps
Molybdenum	98-1	2081757	2073111	2072532	2075800	0.25	cps
Neodymium	150-1	113	100	133	116	14.52	cps
Neodymium	150-2	67	73	60	67	10.00	cps
Nickel	60-2	349723	347620	352852	350065	0.75	cps
Phosphorus	31-2	17544	17578	17452	17525	0.37	cps
Potassium	39-2	1108409	1097749	1120482	1108880	1.03	cps
Rhodium	103-1	6956935	7022121	7027510	7002189	0.56	cps
Rhodium	103-2	3097255	3003703	3130300	3077086	2.13	cps
Scandium	45-1	4454570	4471610	4496230	4474137	0.47	cps
Scandium	45-2	175193	169928	180451	175191	3.00	cps
Selenium	77-2	9210	9210	9400	9273	1.18	cps
Selenium	78-2	31551	31141	31217	31303	0.70	cps
Selenium	82-1	280272	276246	279050	278523	0.74	cps
Silicon	28-1	13050772	13135692	13242260	13142908	0.73	cps
Silver	109-1	600287	601119	598981	600129	0.18	cps
Silver	107-1	623695	616729	613471	617965	0.85	cps
Sodium	23-2	8101692	7975070	8088393	8055052	0.86	cps
Strontium	86-1	482142	482848	475679	480223	0.82	cps
Strontium	88-1	4196359	4176916	4172914	4182063	0.30	cps
Sulfur	34-1	374820	369880	371563	372087	0.67	cps
Terbium	159-1	14188045	14213164	14156837	14186015	0.20	cps
Terbium	159-2	5202097	5074169	5340531	5205599	2.56	cps
Thallium	203-1	20711026	20675330	20736346	20707567	0.15	cps
Thallium	205-1	49926515	49854892	49718101	49833169	0.21	cps
Thorium	232-1	3428	3423	3617	3489	3.17	cps
Tin	118-1	4533578	4547362	4564185	4548375	0.34	cps
Titanium	47-1	165922	168334	168172	167476	0.80	cps
Uranium	238-1	3492	3151	3050	3231	7.17	cps
Vanadium	51-2	379110	376459	380528	378699	0.55	cps
Yttrium	89-1	7989131	7949569	7949786	7962829	0.29	cps
Yttrium	89-2	883049	853285	898267	878201	2.61	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01MSD	Instrumnet Name :	P7
Client Sample ID :	391001038MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:38:34	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	115747	115989	118274	116670	1.19	cps
Zirconium	90-1	6135	6043	6468	6215	3.60	cps
Zirconium	91-1	2909	2742	2892	2848	3.22	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118105	118165	118290	118186	0.08	cps
Antimony	121-1	6044346	6026891	6049677	6040305	0.20	cps
Arsenic	75-1	959710	945008	952964	952561	0.77	cps
Barium	135-1	374421	371053	372587	372687	0.45	cps
Barium	137-1	658090	664171	652933	658398	0.85	cps
Beryllium	9-1	262957	263084	264824	263621	0.40	cps
Bismuth	209-1	10077075	9977104	9977562	10010580	0.58	cps
Bismuth	209-2	4172998	4217099	4070037	4153378	1.82	cps
Boron	10-1	89062	89230	89222	89171	0.11	cps
Boron	11-1	415230	422698	428309	422079	1.55	cps
Cadmium	111-1	399277	397797	395037	397370	0.54	cps
Cadmium	106-1	39380	40935	38971	39762	2.61	cps
Cadmium	108-1	27903	27277	27302	27494	1.29	cps
Calcium	43-1	243118	240397	245485	243000	1.05	cps
Calcium	44-1	3917209	3907898	3941206	3922104	0.44	cps
Chromium	52-2	667737	666186	665575	666499	0.17	cps
Cobalt	59-2	543213	541733	549485	544810	0.76	cps
Copper	63-2	860300	866215	874612	867042	0.83	cps
Dysprosium	156-1	586148	592181	582381	586904	0.84	cps
Dysprosium	156-2	90090	89589	90942	90207	0.76	cps
Erbium	164-1	267	283	225	258	11.63	cps
Erbium	164-2	147	120	103	123	17.72	cps
Gadolinium	160-1	300	333	375	336	11.18	cps
Gadolinium	160-2	193	213	200	202	5.04	cps
Holmium	165-1	14187746	14254513	14173916	14205392	0.30	cps
Holmium	165-2	5826669	5796325	5595554	5739516	2.19	cps
Indium	115-1	8508535	8457935	8469768	8478746	0.31	cps
Indium	115-2	1218178	1214394	1177481	1203351	1.87	cps
Iron	56-2	4664772	4644298	4657529	4655533	0.22	cps
Iron	57-2	119101	118749	119752	119201	0.43	cps
Krypton	83-1	560	550	510	540	4.90	cps
Lead	206-1	8710480	8722088	8760332	8730966	0.30	cps
Lead	207-1	7751890	7781169	7806076	7779711	0.35	cps
Lead	208-1	35306643	35461813	35438743	35402400	0.24	cps
Lithium	6-1	2528716	2509282	2510448	2516149	0.43	cps
Magnesium	24-2	895331	906945	903432	901903	0.66	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	390053	387996	393581	390544	0.72	cps
Molybdenum	94-1	725209	718990	728093	724097	0.64	cps
Molybdenum	95-1	1278244	1273677	1271624	1274515	0.27	cps
Molybdenum	96-1	1361455	1366799	1361204	1363153	0.23	cps
Molybdenum	97-1	803129	810292	795049	802823	0.95	cps
Molybdenum	98-1	2065596	2079195	2052506	2065765	0.65	cps
Neodymium	150-1	160	127	127	138	13.97	cps
Neodymium	150-2	67	17	50	44	57.28	cps
Nickel	60-2	351133	349847	354308	351763	0.65	cps
Phosphorus	31-2	17085	17294	17169	17183	0.61	cps
Potassium	39-2	1112205	1110772	1116710	1113229	0.28	cps
Rhodium	103-1	7038478	6992273	6970908	7000553	0.49	cps
Rhodium	103-2	3096676	3089806	3000774	3062419	1.75	cps
Scandium	45-1	4462465	4395334	4476768	4444856	0.98	cps
Scandium	45-2	177015	175759	170725	174500	1.91	cps
Selenium	77-2	9453	9133	9467	9351	2.02	cps
Selenium	78-2	31872	31837	31952	31887	0.18	cps
Selenium	82-1	277830	279651	275149	277543	0.82	cps
Silicon	28-1	13120630	13136807	13211444	13156294	0.37	cps
Silver	109-1	590974	589257	584438	588223	0.58	cps
Silver	107-1	611228	600353	606791	606124	0.90	cps
Sodium	23-2	8103531	8177190	8212183	8164301	0.68	cps
Strontium	86-1	480188	480869	481001	480686	0.09	cps
Strontium	88-1	4180362	4163261	4188865	4177496	0.31	cps
Sulfur	34-1	376799	375207	373119	375042	0.49	cps
Terbium	159-1	14113010	14132554	14091810	14112458	0.14	cps
Terbium	159-2	5278520	5237300	5103158	5206326	1.76	cps
Thallium	203-1	20397996	20596317	20630063	20541459	0.61	cps
Thallium	205-1	49559758	49849190	49731277	49713408	0.29	cps
Thorium	232-1	2784	3462	3339	3195	11.31	cps
Tin	118-1	4541017	4479548	4493517	4504694	0.72	cps
Titanium	47-1	170299	167177	167204	168227	1.07	cps
Uranium	238-1	3251	3167	3192	3203	1.34	cps
Vanadium	51-2	377799	383441	383991	381744	0.90	cps
Yttrium	89-1	7969421	7937600	7956793	7954605	0.20	cps
Yttrium	89-2	889670	887306	859059	878678	1.94	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5257-01A	Instrumnet Name :	P7
Client Sample ID :	391001038A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:42:09	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	116998	116591	117115	116901	0.24	cps
Zirconium	90-1	6026	6318	6235	6193	2.43	cps
Zirconium	91-1	3292	2767	2692	2917	11.21	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : PB123873BL Instrumnet Name : P7
 Client Sample ID : PB123873BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:50:20 DataFile Name : 040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	25	36	35.25	cps
Antimony	121-1	1217	1342	1392	1317	6.85	cps
Arsenic	75-1	-1027	-1082	-1089	-1066	-3.20	cps
Barium	135-1	100	75	75	83	17.33	cps
Barium	137-1	150	67	83	100	44.10	cps
Beryllium	9-1	61	50	72	61	18.18	cps
Bismuth	209-1	10100254	10317137	10337513	10251635	1.28	cps
Bismuth	209-2	4174598	4228915	4393575	4265696	2.67	cps
Boron	10-1	4342	4151	4326	4273	2.49	cps
Boron	11-1	19905	19255	19772	19644	1.75	cps
Cadmium	111-1	2795	2699	2799	2764	2.05	cps
Cadmium	106-1	3942	3851	3976	3923	1.65	cps
Cadmium	108-1	13	25	25	21	34.64	cps
Calcium	43-1	158	167	150	158	5.26	cps
Calcium	44-1	4342	4292	4142	4259	2.44	cps
Chromium	52-2	400	387	397	394	1.76	cps
Cobalt	59-2	63	77	63	68	11.36	cps
Copper	63-2	380	480	523	461	15.94	cps
Dysprosium	156-1	67	92	50	69	30.20	cps
Dysprosium	156-2	30	27	13	23	37.81	cps
Erbium	164-1	75	67	83	75	11.11	cps
Erbium	164-2	70	87	50	69	26.65	cps
Gadolinium	160-1	50	25	50	42	34.64	cps
Gadolinium	160-2	113	117	143	124	13.21	cps
Holmium	165-1	14064567	14370235	14502747	14312516	1.57	cps
Holmium	165-2	5708313	5735813	5886410	5776845	1.66	cps
Indium	115-1	8753194	8887323	8863708	8834742	0.81	cps
Indium	115-2	1231484	1263783	1290659	1261975	2.35	cps
Iron	56-2	2234	2128	2122	2161	2.90	cps
Iron	57-2	72	44	33	50	40.06	cps
Krypton	83-1	527	510	570	536	5.78	cps
Lead	206-1	1472	1489	1383	1448	3.92	cps
Lead	207-1	1383	1356	1383	1374	1.17	cps
Lead	208-1	5312	5145	5223	5226	1.60	cps
Lithium	6-1	2500911	2552855	2539852	2531206	1.07	cps
Magnesium	24-2	275	392	342	336	17.42	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BL	Instrumnet Name :	P7
Client Sample ID :	PB123873BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:50:20	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	50	47	53	16.54	cps
Molybdenum	94-1	417	283	417	372	20.68	cps
Molybdenum	95-1	150	175	200	175	14.28	cps
Molybdenum	96-1	258	267	258	261	1.84	cps
Molybdenum	97-1	150	167	133	150	11.11	cps
Molybdenum	98-1	342	342	317	333	4.33	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	13	3	10	9	57.30	cps
Nickel	60-2	120	143	150	138	11.43	cps
Phosphorus	31-2	25	25	75	42	69.28	cps
Potassium	39-2	7160	6735	7494	7130	5.33	cps
Rhodium	103-1	7321874	7389862	7376948	7362895	0.49	cps
Rhodium	103-2	3128084	3207933	3290565	3208861	2.53	cps
Scandium	45-1	4580605	4629861	4633998	4614822	0.64	cps
Scandium	45-2	177542	180054	188474	182023	3.15	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	20	11	13	15	33.08	cps
Selenium	82-1	3	41	-14	10	290.05	cps
Silicon	28-1	66089	66314	66155	66186	0.18	cps
Silver	109-1	242	150	275	222	29.13	cps
Silver	107-1	350	342	292	328	9.63	cps
Sodium	23-2	10529	11471	11780	11260	5.79	cps
Strontium	86-1	925	925	908	920	1.05	cps
Strontium	88-1	267	358	267	297	17.81	cps
Sulfur	34-1	312531	314733	312812	313359	0.38	cps
Terbium	159-1	14083852	14318790	14277331	14226658	0.88	cps
Terbium	159-2	5193901	5195599	5358410	5249303	1.80	cps
Thallium	203-1	3050	3025	2992	3023	0.97	cps
Thallium	205-1	6510	6944	6794	6749	3.26	cps
Thorium	232-1	2234	2506	2428	2389	5.87	cps
Tin	118-1	1258	1375	1542	1392	10.23	cps
Titanium	47-1	100	83	42	75	40.06	cps
Uranium	238-1	2917	2825	2975	2906	2.60	cps
Vanadium	51-2	17	17	27	20	28.86	cps
Yttrium	89-1	8021076	8207509	8181114	8136566	1.24	cps
Yttrium	89-2	885324	907557	930387	907756	2.48	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BL	Instrumnet Name :	P7
Client Sample ID :	PB123873BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:50:20	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263	270	297	277	6.37	cps
Zirconium	90-1	575	567	550	564	2.26	cps
Zirconium	91-1	117	100	125	114	11.18	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BS	Instrumnet Name :	P7
Client Sample ID :	PB123873BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:53:55	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	593987	597344	590789	594040	0.55	cps
Antimony	121-1	3617718	3567708	3555105	3580177	0.93	cps
Arsenic	75-1	634001	636129	621945	630692	1.21	cps
Barium	135-1	4391065	4368100	4290890	4350019	1.21	cps
Barium	137-1	8004244	7906356	7880467	7930356	0.82	cps
Beryllium	9-1	676719	678154	662067	672313	1.32	cps
Bismuth	209-1	9943865	9879217	9832406	9885163	0.57	cps
Bismuth	209-2	4070081	4085049	4076907	4077346	0.18	cps
Boron	10-1	133899	137311	137564	136258	1.50	cps
Boron	11-1	634885	648236	646742	643288	1.14	cps
Cadmium	111-1	1002345	986177	986510	991677	0.93	cps
Cadmium	106-1	126031	123803	123611	124481	1.08	cps
Cadmium	108-1	83414	84416	83515	83782	0.66	cps
Calcium	43-1	948769	933165	930870	937601	1.04	cps
Calcium	44-1	15689289	15395234	15424219	15502914	1.05	cps
Chromium	52-2	824596	827971	830161	827576	0.34	cps
Cobalt	59-2	1312137	1311853	1319849	1314613	0.35	cps
Copper	63-2	1802818	1821554	1801890	1808754	0.61	cps
Dysprosium	156-1	133	183	125	147	21.43	cps
Dysprosium	156-2	83	70	87	80	11.03	cps
Erbium	164-1	108	142	83	111	26.34	cps
Erbium	164-2	63	77	47	62	24.16	cps
Gadolinium	160-1	133	92	117	114	18.41	cps
Gadolinium	160-2	160	147	110	139	18.64	cps
Holmium	165-1	14382213	14502362	14295373	14393316	0.72	cps
Holmium	165-2	5726270	5789361	5815007	5776879	0.79	cps
Indium	115-1	8560897	8579928	8509060	8549962	0.43	cps
Indium	115-2	1202494	1216304	1215091	1211296	0.63	cps
Iron	56-2	36399313	36563258	36333001	36431857	0.33	cps
Iron	57-2	910949	913953	916689	913863	0.31	cps
Krypton	83-1	560	577	557	564	1.90	cps
Lead	206-1	4065095	4057723	3979894	4034237	1.17	cps
Lead	207-1	3630265	3605049	3536450	3590588	1.35	cps
Lead	208-1	16850495	16759542	16536357	16715465	0.97	cps
Lithium	6-1	2499165	2491978	2469441	2486861	0.62	cps
Magnesium	24-2	7941584	7901009	7902362	7914985	0.29	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : PB123873BS Instrumnet Name : P7
 Client Sample ID : PB123873BS Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 13:53:55 DataFile Name : 041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	996014	1000716	999575	998768	0.25	cps
Molybdenum	94-1	6715266	6720797	6624398	6686820	0.81	cps
Molybdenum	95-1	8285781	8221191	8122055	8209676	1.00	cps
Molybdenum	96-1	9174267	9159832	9018600	9117566	0.94	cps
Molybdenum	97-1	5261631	5245146	5178056	5228278	0.85	cps
Molybdenum	98-1	13480309	13439201	13219656	13379722	1.05	cps
Neodymium	150-1	373	353	493	407	18.62	cps
Neodymium	150-2	43	20	57	40	46.40	cps
Nickel	60-2	342284	342198	339058	341180	0.54	cps
Phosphorus	31-2	26491	27960	26324	26925	3.34	cps
Potassium	39-2	2600766	2601556	2592020	2598114	0.20	cps
Rhodium	103-1	7000658	7012019	6856094	6956257	1.25	cps
Rhodium	103-2	3016899	3039662	3027007	3027856	0.38	cps
Scandium	45-1	4598575	4548166	4543661	4563467	0.67	cps
Scandium	45-2	177270	180140	178215	178542	0.82	cps
Selenium	77-2	2300	2384	2290	2325	2.20	cps
Selenium	78-2	7956	8045	8093	8031	0.87	cps
Selenium	82-1	71532	71573	70626	71244	0.75	cps
Silicon	28-1	1866407	1891253	1885163	1880941	0.69	cps
Silver	109-1	4082899	4034276	4038082	4051752	0.67	cps
Silver	107-1	4242519	4168477	4130585	4180527	1.36	cps
Sodium	23-2	15458545	15381566	15414333	15418148	0.25	cps
Strontium	86-1	1043842	1038306	1022571	1034906	1.07	cps
Strontium	88-1	9257384	9215681	9216865	9229977	0.26	cps
Sulfur	34-1	668158	669089	664387	667211	0.37	cps
Terbium	159-1	14291923	14303391	14236693	14277336	0.25	cps
Terbium	159-2	5226421	5201703	5176645	5201590	0.48	cps
Thallium	203-1	5131544	4831621	4808741	4923969	3.66	cps
Thallium	205-1	12447050	12345152	12167464	12319889	1.15	cps
Thorium	232-1	19274496	19232380	19108525	19205134	0.45	cps
Tin	118-1	3081382	3038954	3027142	3049159	0.94	cps
Titanium	47-1	1998066	1984261	1963140	1981822	0.89	cps
Uranium	238-1	19429930	19381309	19480737	19430659	0.26	cps
Vanadium	51-2	629910	630639	633918	631489	0.34	cps
Yttrium	89-1	8101336	8065736	8071623	8079565	0.24	cps
Yttrium	89-2	885506	898757	891791	892018	0.74	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	PB123873BS	Instrumnet Name :	P7
Client Sample ID :	PB123873BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:53:55	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	315325	316264	316744	316111	0.23	cps
Zirconium	90-1	5558499	5508538	5434510	5500516	1.13	cps
Zirconium	91-1	1213450	1196320	1197688	1202486	0.79	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-21	Instrumnet Name :	P7
Client Sample ID :	MW-102-S	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:57:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	105564	101124	100570	102419	2.67	cps
Antimony	121-1	62422	60556	60816	61265	1.65	cps
Arsenic	75-1	50684	53322	54006	52671	3.33	cps
Barium	135-1	146000	144823	141176	144000	1.75	cps
Barium	137-1	257104	255415	253229	255249	0.76	cps
Beryllium	9-1	367	217	211	265	33.33	cps
Bismuth	209-1	9905664	9747995	9878209	9843956	0.86	cps
Bismuth	209-2	3905146	3908694	3937552	3917131	0.45	cps
Boron	10-1	14224	13365	12797	13462	5.33	cps
Boron	11-1	67150	64798	64873	65607	2.04	cps
Cadmium	111-1	3331	3351	2900	3194	7.98	cps
Cadmium	106-1	3742	3967	3501	3737	6.25	cps
Cadmium	108-1	88	67	63	72	18.54	cps
Calcium	43-1	349935	349617	345847	348466	0.65	cps
Calcium	44-1	5737872	5769698	5674592	5727387	0.85	cps
Chromium	52-2	13820	13837	13243	13633	2.48	cps
Cobalt	59-2	3564	3387	3380	3444	3.02	cps
Copper	63-2	34898	35507	34704	35036	1.19	cps
Dysprosium	156-1	4701	4468	4401	4523	3.48	cps
Dysprosium	156-2	1577	1593	1617	1596	1.26	cps
Erbium	164-1	3917	3676	3859	3817	3.30	cps
Erbium	164-2	1307	1520	1340	1389	8.26	cps
Gadolinium	160-1	3567	3909	3926	3801	5.32	cps
Gadolinium	160-2	1737	1803	1740	1760	2.13	cps
Holmium	165-1	13406071	13471002	13430898	13435990	0.24	cps
Holmium	165-2	5284445	5293821	5275300	5284522	0.18	cps
Indium	115-1	8262216	8162426	8207501	8210714	0.61	cps
Indium	115-2	1121719	1103252	1110593	1111855	0.84	cps
Iron	56-2	3352728	3329155	3332258	3338047	0.38	cps
Iron	57-2	85682	85962	86029	85891	0.21	cps
Krypton	83-1	483	583	623	563	12.80	cps
Lead	206-1	68286	67750	66359	67465	1.47	cps
Lead	207-1	57893	56208	55366	56489	2.28	cps
Lead	208-1	267852	262584	259738	263392	1.56	cps
Lithium	6-1	2609988	2666551	2708824	2661788	1.86	cps
Magnesium	24-2	129463	128101	127253	128272	0.87	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-21	Instrumnet Name :	P7
Client Sample ID :	MW-102-S	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:57:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	64852	63999	64330	64394	0.67	cps
Molybdenum	94-1	9145	8936	8620	8900	2.97	cps
Molybdenum	95-1	5293	4393	4443	4709	10.74	cps
Molybdenum	96-1	7360	6185	6385	6643	9.47	cps
Molybdenum	97-1	3834	3117	2884	3278	15.11	cps
Molybdenum	98-1	9387	7911	7411	8236	12.48	cps
Neodymium	150-1	6188	6242	6328	6253	1.13	cps
Neodymium	150-2	1773	1817	1687	1759	3.76	cps
Nickel	60-2	2630	2580	2767	2659	3.63	cps
Phosphorus	31-2	275	192	217	228	18.77	cps
Potassium	39-2	468390	463186	453944	461840	1.58	cps
Rhodium	103-1	6647716	6599720	6581306	6609581	0.52	cps
Rhodium	103-2	2814572	2801497	2798565	2804878	0.30	cps
Scandium	45-1	4251354	4224974	4152753	4209694	1.21	cps
Scandium	45-2	159976	157490	157968	158478	0.83	cps
Selenium	77-2	10	27	13	17	52.93	cps
Selenium	78-2	19	19	19	19	0.00	cps
Selenium	82-1	238	124	90	151	51.25	cps
Silicon	28-1	26113260	25916657	25372015	25800644	1.49	cps
Silver	109-1	4918	4276	3567	4254	15.88	cps
Silver	107-1	4909	4468	4059	4479	9.50	cps
Sodium	23-2	6594975	6524069	6422400	6513815	1.33	cps
Strontium	86-1	695399	681625	679401	685475	1.26	cps
Strontium	88-1	6160919	6108306	6091097	6120107	0.59	cps
Sulfur	34-1	362728	356391	344499	354539	2.61	cps
Terbium	159-1	13323357	13410391	13512076	13415275	0.70	cps
Terbium	159-2	4775290	4760657	4803770	4779906	0.46	cps
Thallium	203-1	24198	19741	16010	19983	20.51	cps
Thallium	205-1	55500	48105	39176	47594	17.17	cps
Thorium	232-1	32307	29701	29244	30417	5.43	cps
Tin	118-1	22544	20758	19898	21067	6.41	cps
Titanium	47-1	53849	55048	53324	54074	1.63	cps
Uranium	238-1	40389	38399	36644	38477	4.87	cps
Vanadium	51-2	7375	7562	7342	7426	1.60	cps
Yttrium	89-1	7623892	7593464	7577390	7598249	0.31	cps
Yttrium	89-2	793157	793216	787903	791425	0.39	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-21	Instrumnet Name :	P7
Client Sample ID :	MW-102-S	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 13:57:30	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	13053	12549	12556	12719	2.27	cps
Zirconium	90-1	15701	15619	14675	15331	3.72	cps
Zirconium	91-1	3809	3459	3634	3634	4.82	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22301	21833	22226	22120	1.13	cps
Antimony	121-1	15242	14817	15159	15073	1.50	cps
Arsenic	75-1	56737	56288	60110	57712	3.62	cps
Barium	135-1	140150	141143	140648	140647	0.35	cps
Barium	137-1	244063	249419	247942	247141	1.12	cps
Beryllium	9-1	122	122	150	131	12.19	cps
Bismuth	209-1	9098597	9279966	9239784	9206116	1.03	cps
Bismuth	209-2	3670259	3696591	3670848	3679232	0.41	cps
Boron	10-1	98252	102530	103688	101490	2.82	cps
Boron	11-1	478497	491625	499337	489820	2.15	cps
Cadmium	111-1	2428	2470	2272	2390	4.37	cps
Cadmium	106-1	3234	3284	3050	3189	3.85	cps
Cadmium	108-1	33	38	25	32	19.92	cps
Calcium	43-1	1682614	1674310	1670667	1675864	0.37	cps
Calcium	44-1	27797848	28008759	27831114	27879240	0.41	cps
Chromium	52-2	10007	9547	9930	9828	2.51	cps
Cobalt	59-2	1470	1407	1543	1473	4.64	cps
Copper	63-2	21526	21366	21396	21429	0.40	cps
Dysprosium	156-1	1375	1567	1450	1464	6.60	cps
Dysprosium	156-2	550	480	527	519	6.87	cps
Erbium	164-1	1475	1333	1425	1411	5.09	cps
Erbium	164-2	537	580	583	567	4.60	cps
Gadolinium	160-1	1183	1267	1308	1253	5.08	cps
Gadolinium	160-2	597	610	697	634	8.56	cps
Holmium	165-1	13189373	13316349	13356552	13287425	0.66	cps
Holmium	165-2	5187672	5154807	5147299	5163259	0.42	cps
Indium	115-1	7753572	7804682	7796291	7784848	0.35	cps
Indium	115-2	1062012	1057440	1045042	1054832	0.83	cps
Iron	56-2	1116484	1119260	1101578	1112441	0.85	cps
Iron	57-2	36095	35321	34908	35441	1.70	cps
Krypton	83-1	477	533	483	498	6.22	cps
Lead	206-1	48739	48773	49397	48970	0.76	cps
Lead	207-1	41632	41181	41493	41435	0.56	cps
Lead	208-1	190770	191002	192224	191332	0.41	cps
Lithium	6-1	2694897	2751489	2758496	2734961	1.28	cps
Magnesium	24-2	3041834	3030088	2983710	3018544	1.02	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67501	67645	66704	67283	0.75	cps
Molybdenum	94-1	2500	2517	2225	2414	6.79	cps
Molybdenum	95-1	1150	1600	1525	1425	16.92	cps
Molybdenum	96-1	2259	1750	2417	2142	16.26	cps
Molybdenum	97-1	833	825	967	875	9.09	cps
Molybdenum	98-1	2359	2484	2217	2353	5.67	cps
Neodymium	150-1	1927	1994	1920	1947	2.08	cps
Neodymium	150-2	577	560	500	546	7.39	cps
Nickel	60-2	1520	1483	1440	1481	2.70	cps
Phosphorus	31-2	217	150	158	175	20.76	cps
Potassium	39-2	470575	468158	456675	465136	1.60	cps
Rhodium	103-1	6110218	6162042	6105936	6126065	0.51	cps
Rhodium	103-2	2638740	2621484	2598176	2619467	0.78	cps
Scandium	45-1	3967516	3951861	3929857	3949745	0.48	cps
Scandium	45-2	149297	147882	147125	148101	0.74	cps
Selenium	77-2	13	7	3	8	65.47	cps
Selenium	78-2	6	19	19	14	52.69	cps
Selenium	82-1	305	169	249	241	28.30	cps
Silicon	28-1	37462950	37774977	37892857	37710261	0.59	cps
Silver	109-1	1792	1867	1850	1836	2.14	cps
Silver	107-1	1725	1759	1975	1820	7.46	cps
Sodium	23-2	22939906	22543208	22230042	22571052	1.58	cps
Strontium	86-1	394825	393413	390937	393058	0.50	cps
Strontium	88-1	3368542	3433683	3376307	3392844	1.05	cps
Sulfur	34-1	979659	979533	977833	979008	0.10	cps
Terbium	159-1	13135019	13164647	13106122	13135263	0.22	cps
Terbium	159-2	4683065	4675844	4666537	4675148	0.18	cps
Thallium	203-1	3451	3301	3167	3306	4.29	cps
Thallium	205-1	7486	7052	6627	7055	6.09	cps
Thorium	232-1	8792	8742	8497	8677	1.82	cps
Tin	118-1	11755	12039	11288	11694	3.24	cps
Titanium	47-1	17044	16894	17294	17077	1.18	cps
Uranium	238-1	151482	153092	152274	152283	0.53	cps
Vanadium	51-2	2947	2757	2887	2864	3.39	cps
Yttrium	89-1	7139425	7276481	7184710	7200205	0.97	cps
Yttrium	89-2	753070	764304	741899	753091	1.49	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	K5154-22	Instrumnet Name :	P7
Client Sample ID :	MW-102-I	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:01:04	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	7108	7042	7119	7090	0.59	cps
Zirconium	90-1	3992	3834	3801	3876	2.64	cps
Zirconium	91-1	925	850	800	858	7.33	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2730927	2720900	2724685	2725504	0.19	cps
Antimony	121-1	3516027	3483678	3484610	3494772	0.53	cps
Arsenic	75-1	585308	584980	580498	583595	0.46	cps
Barium	135-1	3874406	3806688	3810013	3830369	1.00	cps
Barium	137-1	7076318	6976438	6921408	6991388	1.12	cps
Beryllium	9-1	587520	580849	581608	583326	0.63	cps
Bismuth	209-1	8682952	8658106	8626409	8655822	0.33	cps
Bismuth	209-2	3615443	3634035	3649918	3633132	0.47	cps
Boron	10-1	123670	124981	124846	124499	0.58	cps
Boron	11-1	592356	592435	583948	589580	0.83	cps
Cadmium	111-1	874606	871249	873798	873218	0.20	cps
Cadmium	106-1	107356	109957	105844	107719	1.93	cps
Cadmium	108-1	74285	72895	71953	73044	1.61	cps
Calcium	43-1	3907719	3848401	3848636	3868252	0.88	cps
Calcium	44-1	64848579	64313716	64170743	64444346	0.55	cps
Chromium	52-2	741253	739584	750593	743810	0.80	cps
Cobalt	59-2	1126911	1133720	1137915	1132849	0.49	cps
Copper	63-2	1605432	1623328	1631068	1619943	0.81	cps
Dysprosium	156-1	117	92	83	97	17.84	cps
Dysprosium	156-2	73	63	87	74	15.73	cps
Erbium	164-1	100	108	75	94	18.37	cps
Erbium	164-2	60	80	60	67	17.32	cps
Gadolinium	160-1	133	100	58	97	38.65	cps
Gadolinium	160-2	103	110	120	111	7.55	cps
Holmium	165-1	13217882	13208807	13218220	13214970	0.04	cps
Holmium	165-2	5375505	5381667	5397491	5384887	0.21	cps
Indium	115-1	7469879	7481784	7465332	7472332	0.11	cps
Indium	115-2	1084379	1098902	1106121	1096467	1.01	cps
Iron	56-2	154764131	156133576	155498698	155465468	0.44	cps
Iron	57-2	3852694	3841766	3888251	3860904	0.63	cps
Krypton	83-1	493	453	467	471	4.32	cps
Lead	206-1	3609789	3580221	3582337	3590782	0.46	cps
Lead	207-1	3191319	3161351	3185408	3179359	0.50	cps
Lead	208-1	14874872	14715838	14829931	14806880	0.55	cps
Lithium	6-1	2245010	2251889	2249101	2248667	0.15	cps
Magnesium	24-2	33213474	33198748	32882910	33098377	0.56	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	873649	877335	879242	876742	0.32	cps
Molybdenum	94-1	5901554	5895448	5924760	5907254	0.26	cps
Molybdenum	95-1	7248774	7223547	7193876	7222066	0.38	cps
Molybdenum	96-1	8101392	8019851	7988684	8036642	0.72	cps
Molybdenum	97-1	4454367	4357987	4376048	4396134	1.17	cps
Molybdenum	98-1	11887195	11701193	11728530	11772306	0.85	cps
Neodymium	150-1	260	360	500	373	32.29	cps
Neodymium	150-2	57	40	50	49	17.16	cps
Nickel	60-2	288229	291476	291029	290245	0.61	cps
Phosphorus	31-2	24095	23803	23035	23645	2.32	cps
Potassium	39-2	11510603	11411710	11528651	11483655	0.55	cps
Rhodium	103-1	5885617	5894805	5886912	5889111	0.08	cps
Rhodium	103-2	2590861	2639474	2657722	2629352	1.31	cps
Scandium	45-1	3943779	3946145	3909580	3933168	0.52	cps
Scandium	45-2	160194	161802	163403	161800	0.99	cps
Selenium	77-2	2077	2164	2164	2135	2.34	cps
Selenium	78-2	6950	6868	7167	6995	2.20	cps
Selenium	82-1	60624	60261	60650	60511	0.36	cps
Silicon	28-1	1638627	1629189	1640426	1636081	0.37	cps
Silver	109-1	3583421	3575685	3551500	3570202	0.47	cps
Silver	107-1	3684250	3671636	3650768	3668884	0.46	cps
Sodium	23-2	65060710	64980316	64503491	64848172	0.46	cps
Strontium	86-1	904413	901492	900982	902295	0.21	cps
Strontium	88-1	8132369	8093393	8077453	8101072	0.35	cps
Sulfur	34-1	575667	569994	574411	573357	0.52	cps
Terbium	159-1	13156638	13105102	13111402	13124381	0.21	cps
Terbium	159-2	4854494	4937725	4953204	4915141	1.08	cps
Thallium	203-1	4351209	4296148	4303870	4317076	0.69	cps
Thallium	205-1	10995389	10894459	10885679	10925176	0.56	cps
Thorium	232-1	18214418	17865967	18027158	18035848	0.97	cps
Tin	118-1	2667482	2648291	2631850	2649208	0.67	cps
Titanium	47-1	1731497	1726633	1722147	1726759	0.27	cps
Uranium	238-1	18397469	18182701	18509043	18363071	0.90	cps
Vanadium	51-2	557974	560956	564204	561045	0.56	cps
Yttrium	89-1	7156223	7228829	7160978	7182010	0.57	cps
Yttrium	89-2	805240	819314	822955	815837	1.15	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P7
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:18:21	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	278104	281245	281768	280372	0.71	cps
Zirconium	90-1	4668824	4719255	4681601	4689893	0.56	cps
Zirconium	91-1	1065001	1077674	1062152	1068276	0.77	cps

LB Number : LB105687 Operator : Jaswal
 Lab Sample ID : CCB53 Instrumnet Name : P7
 Client Sample ID : CCB53 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-14 14:23:03 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	442	383	392	11.85	cps
Antimony	121-1	2342	2775	2517	2545	8.57	cps
Arsenic	75-1	-913	-1178	-993	-1028	-13.21	cps
Barium	135-1	667	625	408	567	24.48	cps
Barium	137-1	1158	1075	975	1070	8.58	cps
Beryllium	9-1	206	183	206	198	6.47	cps
Bismuth	209-1	10398412	10325633	10263191	10329079	0.66	cps
Bismuth	209-2	4296715	4251684	4341804	4296735	1.05	cps
Boron	10-1	8261	7519	7427	7736	5.91	cps
Boron	11-1	38132	37523	35802	37152	3.25	cps
Cadmium	111-1	2753	2757	2622	2711	2.83	cps
Cadmium	106-1	3701	3634	3467	3601	3.34	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	633	675	492	600	16.02	cps
Calcium	44-1	12581	12506	10921	12003	7.81	cps
Chromium	52-2	477	503	480	487	2.99	cps
Cobalt	59-2	183	207	173	188	9.11	cps
Copper	63-2	1320	1273	1383	1326	4.17	cps
Dysprosium	156-1	42	58	8	36	70.51	cps
Dysprosium	156-2	27	23	17	22	22.91	cps
Erbium	164-1	83	75	42	67	33.07	cps
Erbium	164-2	50	30	53	44	28.39	cps
Gadolinium	160-1	42	75	67	61	28.38	cps
Gadolinium	160-2	93	107	110	103	8.53	cps
Holmium	165-1	14284626	14398463	14149609	14277566	0.87	cps
Holmium	165-2	5820936	5779144	5851294	5817124	0.62	cps
Indium	115-1	8704034	8771983	8554120	8676712	1.28	cps
Indium	115-2	1254327	1239441	1258555	1250774	0.80	cps
Iron	56-2	20832	19358	19441	19877	4.17	cps
Iron	57-2	622	506	544	557	10.66	cps
Krypton	83-1	477	647	503	542	16.86	cps
Lead	206-1	2295	2272	2272	2280	0.56	cps
Lead	207-1	2222	1989	2178	2130	5.82	cps
Lead	208-1	8996	8607	8674	8759	2.38	cps
Lithium	6-1	2602142	2598878	2540617	2580546	1.34	cps
Magnesium	24-2	4051	3676	3801	3842	4.97	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:23:03	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	147	83	119	27.23	cps
Molybdenum	94-1	1433	1383	1317	1378	4.25	cps
Molybdenum	95-1	1692	1483	1542	1572	6.84	cps
Molybdenum	96-1	1992	1975	1817	1928	5.01	cps
Molybdenum	97-1	1125	1033	1283	1147	11.03	cps
Molybdenum	98-1	2767	2584	2484	2611	5.50	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	140	83	90	104	29.65	cps
Phosphorus	31-2	83	42	83	69	34.64	cps
Potassium	39-2	8661	8911	8695	8756	1.55	cps
Rhodium	103-1	7280214	7274523	7143310	7232682	1.07	cps
Rhodium	103-2	3137060	3137797	3193365	3156074	1.02	cps
Scandium	45-1	4574771	4539830	4392085	4502228	2.15	cps
Scandium	45-2	175914	174861	177215	175997	0.67	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	13	7	6	9	44.56	cps
Selenium	82-1	57	-43	65	26	229.74	cps
Silicon	28-1	66297	65142	62724	64721	2.82	cps
Silver	109-1	1092	983	1017	1031	5.38	cps
Silver	107-1	917	1067	917	967	8.96	cps
Sodium	23-2	31359	30624	30766	30916	1.26	cps
Strontium	86-1	1125	1167	1017	1103	7.02	cps
Strontium	88-1	1300	1242	1058	1200	10.51	cps
Sulfur	34-1	291734	291730	292775	292080	0.21	cps
Terbium	159-1	14319259	14221234	13971104	14170532	1.27	cps
Terbium	159-2	5270739	5268195	5312889	5283941	0.48	cps
Thallium	203-1	2575	2492	2317	2461	5.36	cps
Thallium	205-1	5776	4843	5143	5254	9.07	cps
Thorium	232-1	7119	6869	6591	6859	3.85	cps
Tin	118-1	3737	1642	1617	2332	52.18	cps
Titanium	47-1	375	325	275	325	15.39	cps
Uranium	238-1	5135	5235	5335	5235	1.91	cps
Vanadium	51-2	90	67	50	69	29.17	cps
Yttrium	89-1	8054740	8105269	7974002	8044670	0.82	cps
Yttrium	89-2	893737	886509	896870	892372	0.60	cps

LB Number :	LB105687	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P7
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2019-10-14 14:23:03	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	250	277	287	271	6.99	cps
Zirconium	90-1	1517	1358	1525	1467	6.40	cps
Zirconium	91-1	375	292	325	331	12.69	cps