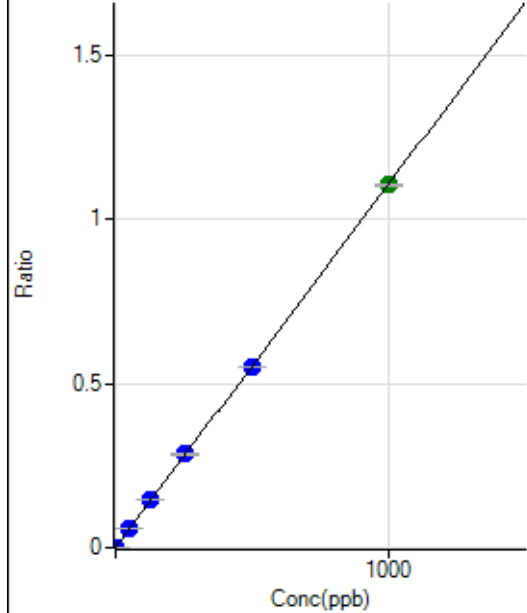


Batch Folder: D:\P8090817 MS.b\
Analysis File: P8090817 MS.batch.bin
DA Date-Time: 2017-09-08 15:03:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-09-08 12:03:44
2			
3	005CALS.d	S02	2017-09-08 12:10:40
4	006CALS.d	S03	2017-09-08 12:14:08
5	007CALS.d	S04	2017-09-08 12:17:36
6	008CALS.d	S05	2017-09-08 12:21:01
7	009CALS.d	S06	2017-09-08 12:24:19
8	010CALS.d	S07	2017-09-08 12:27:32
9	011CALS.d	S08	2017-09-08 12:30:40

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	346.31	0.0003	P	6.5
2	☐	0.100					
3	☐	1.000	0.827	1461.22	0.0012	P	9.6
4	☐	50.000	51.037	70360.67	0.0568	P	1.0
5	☐	125.000	130.145	177442.83	0.1445	P	0.3
6	☐	250.000	257.384	351195.35	0.2854	P	1.9
7	☐	500.000	498.629	699737.50	0.5527	P	0.2
8	☐	1000.000	998.145	1390845.10	1.1060	A	0.4
9	☐			650.03	0.0005	P	8.9

$$y = 0.0011 * x + 2.9261E-004$$

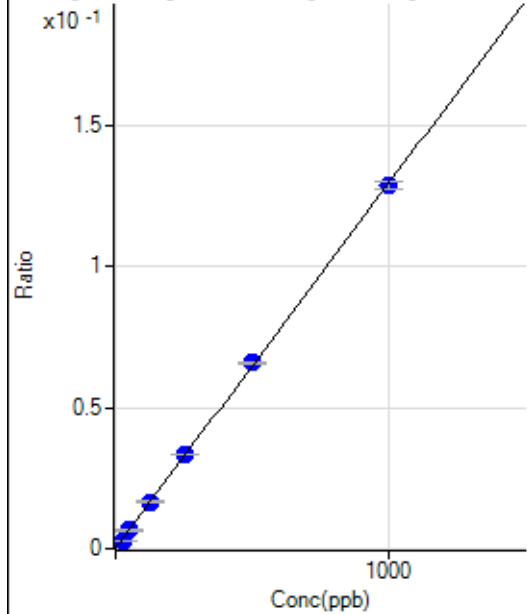
$$R = 1.0000$$

$$DL = 0.05132$$

$$BEC = 0.2641$$

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	219.46	0.0002	P	15.6
2	☐	2.500					
3	☐	25.000	21.090	3514.47	0.0029	P	2.8
4	☐	50.000	49.297	8110.94	0.0066	P	6.5
5	☐	125.000	126.231	20245.60	0.0165	P	3.0
6	☐	250.000	257.886	41204.50	0.0335	P	0.9
7	☐	500.000	508.475	83356.00	0.0658	P	1.6
8	☐	1000.000	993.770	161568.91	0.1285	P	2.0
9	☐			6293.29	0.0051	P	9.3

$$y = 1.2911E-004 * x + 1.8540E-004$$

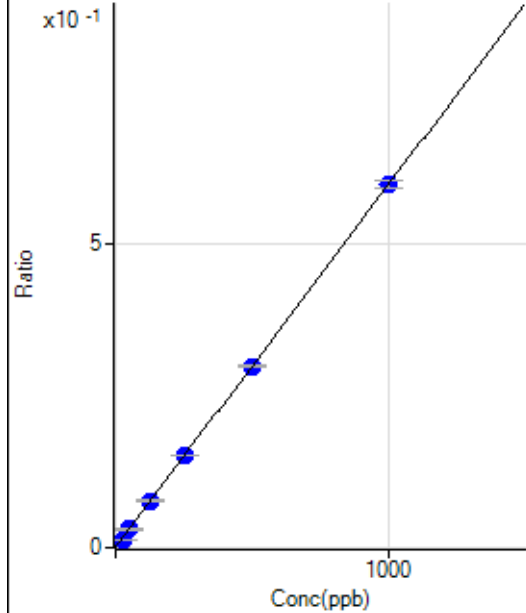
$$R = 0.9999$$

$$DL = 0.6723$$

$$BEC = 1.436$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	841.73	0.0007	P	6.3
2	☐	2.500					
3	☐	25.000	20.617	15764.80	0.0130	P	1.7
4	☐	50.000	49.675	37672.55	0.0304	P	2.4
5	☐	125.000	127.828	94804.31	0.0772	P	1.5
6	☐	250.000	253.783	187720.31	0.1525	P	1.0
7	☐	500.000	499.249	379067.74	0.2994	P	1.2
8	☐	1000.000	999.202	752540.39	0.5985	P	2.1
9	☐			29962.76	0.0243	P	7.7

$$y = 5.9826\text{E-}004 * x + 7.1112\text{E-}004$$

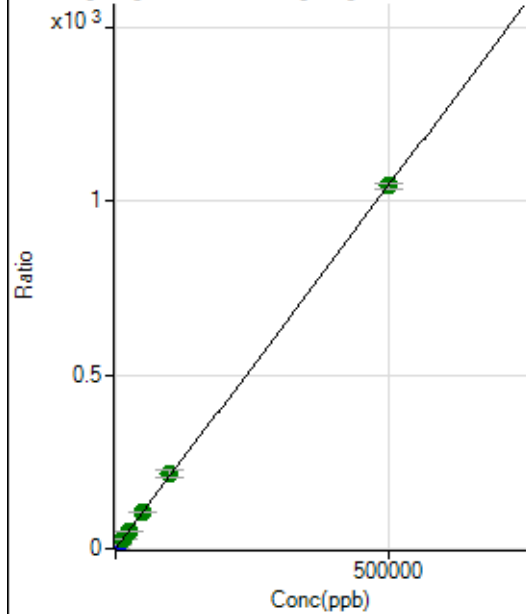
$$R = 1.0000$$

$$DL = 0.2256$$

$$BEC = 1.189$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4517.60	0.1139	P	17.5
2	☐	50.000					
3	☐	500.000	419.145	42929.47	0.9895	P	1.9
4	☐	5000.000	4983.819	448259.20	10.5260	P	3.9
5	☐	12500.000	12596.672	1139427.20	26.4306	A	0.3
6	☐	25000.000	24780.060	2225658.06	51.8840	A	1.2
7	☐	50000.000	49087.393	4314479.92	102.6665	A	0.6
8	☐	100000.00	102900.13	8267752.10	215.0914	A	8.4
9	☐	500000.00	499520.05	42003151.63	1,043.704	A	1.4

$$y = 0.0021 * x + 0.1139$$

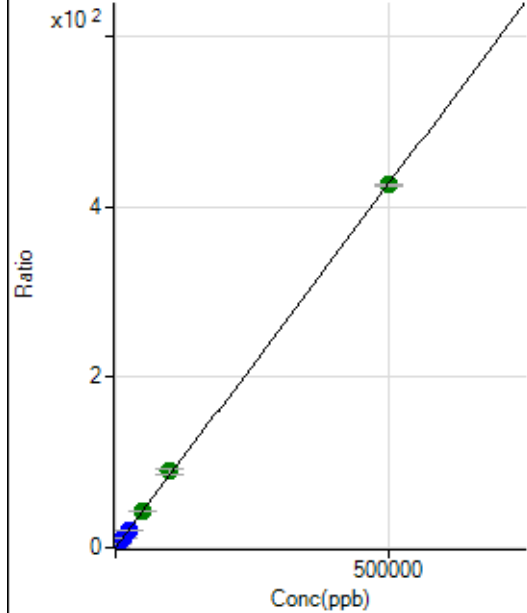
$$R = 1.0000$$

$$DL = 28.67$$

$$BEC = 54.5$$

Weight: <None>

Min Conc: 0

24 Mg [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	322.24	0.0081	P	16.4
2	☐	50.000					
3	☐	500.000	414.397	15673.12	0.3613	P	1.2
4	☐	5000.000	5032.571	183025.08	4.2972	P	3.3
5	☐	12500.000	12299.884	452257.88	10.4910	P	0.8
6	☐	25000.000	24693.335	903101.77	21.0537	P	1.6
7	☐	50000.000	50490.051	1808717.06	43.0397	A	0.9
8	☐	100000.00	105494.94	3456894.09	89.9193	A	8.0
9	☐	500000.00	498872.10	17112258.37	425.1869	A	0.9

$$y = 8.5228\text{E-}004 * x + 0.0081$$

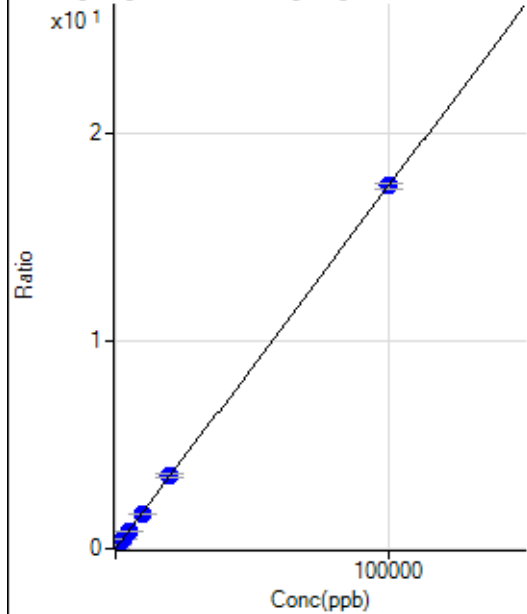
$$R = 0.9999$$

$$DL = 4.659$$

$$BEC = 9.47$$

Weight: <None>

Min Conc: 0

27 Al [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.45	0.0005	P	61.0
2	☐	2.000					
3	☐	20.000	17.739	155.57	0.0036	P	18.6
4	☐	1000.000	979.275	7318.87	0.1718	P	1.6
5	☐	2500.000	2428.960	18337.56	0.4254	P	1.6
6	☐	5000.000	4827.164	36241.77	0.8448	P	1.0
7	☐	10000.000	9478.038	69691.22	1.6584	P	0.4
8	☐	20000.000	20110.826	135331.57	3.5183	P	7.0
9	☐	100000.00	100040.65	704256.11	17.4996	P	1.7

$$y = 1.7492\text{E-}004 * x + 4.8181\text{E-}004$$

$$R = 1.0000$$

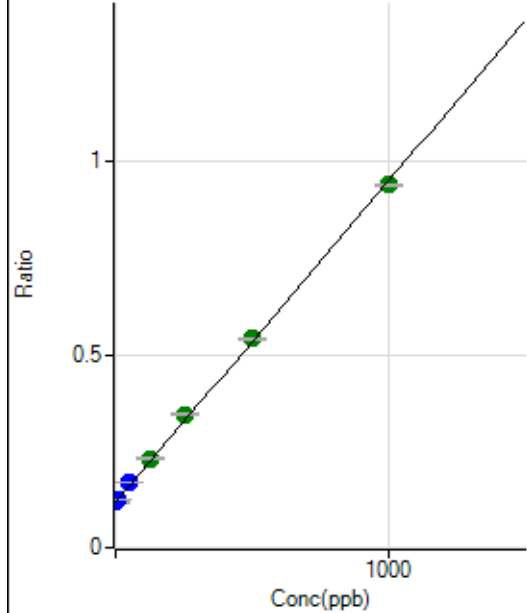
$$DL = 5.042$$

$$BEC = 2.754$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	491321.08	0.1178	P	1.9
2	☐	1.000					
3	☐	10.000	6.332	521334.02	0.1231	P	1.4
4	☐	50.000	64.082	740033.00	0.1712	P	0.4
5	☐	125.000	135.768	999022.15	0.2310	A	1.5
6	☐	250.000	272.639	1481823.60	0.3450	A	1.1
7	☐	500.000	509.679	2355353.96	0.5425	A	1.1
8	☐	1000.000	987.487	3996710.16	0.9407	A	0.8
9	☐			565692.07	0.1340	P	0.4

$$y = 8.3326\text{E-}004 * x + 0.1178$$

$$R = 0.9996$$

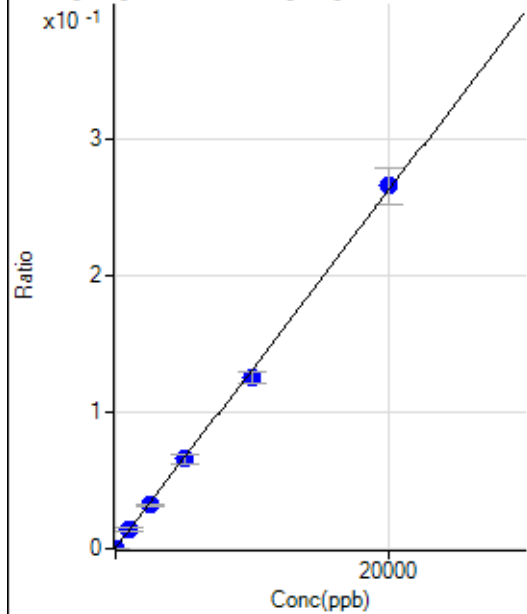
$$DL = 8.121$$

$$BEC = 141.4$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.171	13.89	0.0004	P	37.3
2	☐	0.000					
3	☐	0.000	-1.171	13.89	0.0003	P	91.5
4	☐	1000.000	1044.639	594.49	0.0140	P	14.2
5	☐	2500.000	2409.964	1372.35	0.0318	P	6.1
6	☐	5000.000	4975.201	2803.17	0.0654	P	10.6
7	☐	10000.000	9509.729	5237.30	0.1246	P	6.7
8	☐	20000.000	20260.358	10181.90	0.2652	P	10.4
9	☐			5.55	0.0001	P	86.6

$$y = 1.3072\text{E-}005 * x + 3.3501\text{E-}004$$

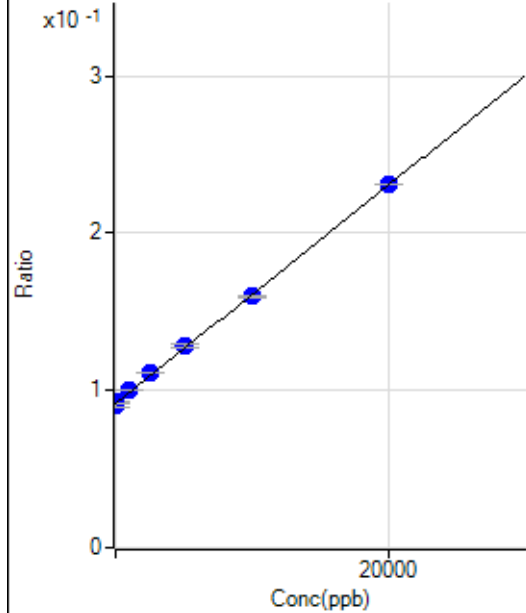
$$R = 0.9995$$

$$DL = 48.59$$

$$BEC = 25.63$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	183.672	387783.18	0.0930	P	0.6
2	☐	0.000					
3	☐	0.000	-183.672	382993.62	0.0905	P	1.6
4	☐	1000.000	1184.334	431993.99	0.1000	P	0.5
5	☐	2500.000	2851.409	482494.52	0.1116	P	0.6
6	☐	5000.000	5241.981	550442.43	0.1282	P	1.4
7	☐	10000.000	9775.758	693269.17	0.1597	P	0.5
8	☐	20000.000	19998.483	980372.66	0.2307	P	0.2
9	☐			408102.10	0.0967	P	1.1

$$y = 6.9511\text{E-}006 * x + 0.0917$$

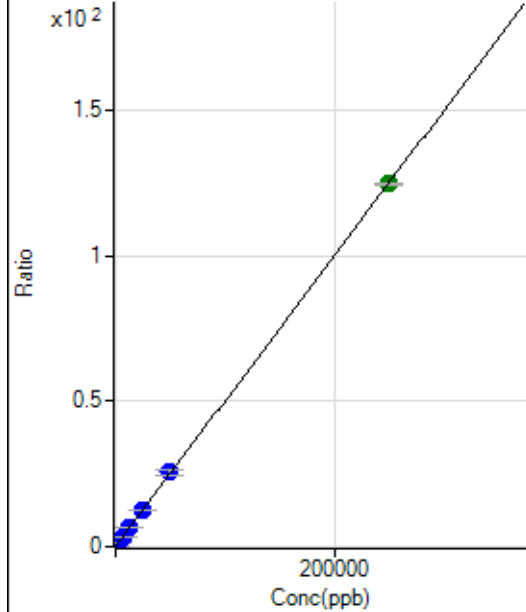
$$R = 0.9996$$

$$DL = 431.8$$

$$BEC = 1.32\text{E+}04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3414.48	0.0855	P	4.8
2	☐	50.000					
3	☐	500.000	416.194	12725.70	0.2933	P	2.2
4	☐	2500.000	2597.628	58876.87	1.3825	P	3.7
5	☐	6250.000	6359.279	140565.88	3.2606	P	0.3
6	☐	12500.000	12524.133	271910.27	6.3386	P	1.0
7	☐	25000.000	24504.007	517730.90	12.3199	P	0.4
8	☐	50000.000	51297.046	987886.30	25.6971	P	8.1
9	☐	250000.00	249785.44	5022884.84	124.7986	A	0.4

$$y = 4.9928\text{E-}004 * x + 0.0855$$

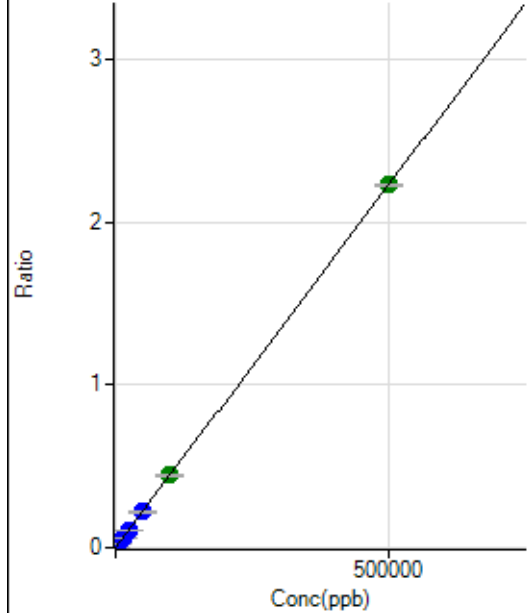
$$R = 1.0000$$

$$DL = 24.56$$

$$BEC = 171.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2136.37	0.0005	P	4.6
2	☐	50.000					
3	☐	500.000	421.387	10123.56	0.0024	P	2.4
4	☐	5000.000	4905.354	96723.67	0.0224	P	1.0
5	☐	12500.000	12374.467	240842.26	0.0557	P	0.5
6	☐	25000.000	24783.764	476726.96	0.1110	P	1.7
7	☐	50000.000	49011.576	950867.53	0.2190	P	0.8
8	☐	100000.00	99595.575	1888766.71	0.4445	A	0.6
9	☐	500000.00	500194.70	9416389.62	2.2305	A	0.7

$$y = 4.4583\text{E-}006 * x + 5.1247\text{E-}004$$

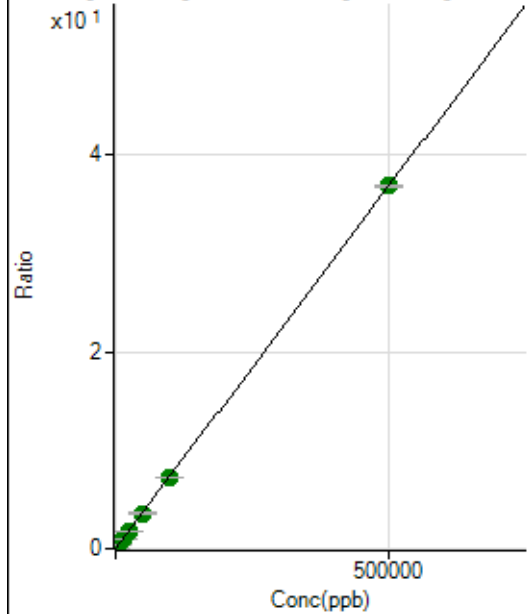
$$R = 1.0000$$

$$DL = 16.02$$

$$BEC = 114.9$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44711.06	0.0107	P	0.9
2	☐	50.000					
3	☐	500.000	427.123	178400.69	0.0421	P	0.8
4	☐	5000.000	5019.775	1641518.33	0.3798	A	0.4
5	☐	12500.000	12422.592	3997483.73	0.9242	A	0.8
6	☐	25000.000	24531.857	7793651.82	1.8147	A	1.4
7	☐	50000.000	48847.593	15640794.27	3.6027	A	0.7
8	☐	100000.00	97604.108	30539890.61	7.1880	A	0.5
9	☐	500000.00	500619.63	155456425.6	36.8234	A	0.4

$$y = 7.3534\text{E-}005 * x + 0.0107$$

$$R = 1.0000$$

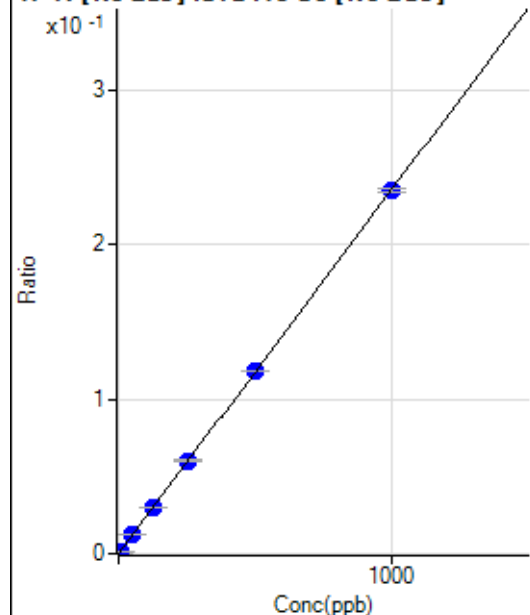
$$DL = 3.959$$

$$BEC = 145.8$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	161.12	0.0000	P	43.5
2	☐	0.500					
3	☐	5.000	4.456	4595.44	0.0011	P	4.3
4	☐	50.000	51.024	51972.49	0.0120	P	2.2
5	☐	125.000	127.889	130139.58	0.0301	P	1.3
6	☐	250.000	255.841	258330.79	0.0602	P	1.2
7	☐	500.000	501.515	511744.81	0.1179	P	0.3
8	☐	1000.000	997.373	995830.09	0.2344	P	1.1
9	☐			880.63	0.0002	P	14.1

$$y = 2.3496E-004 * x + 3.8588E-005$$

$$R = 1.0000$$

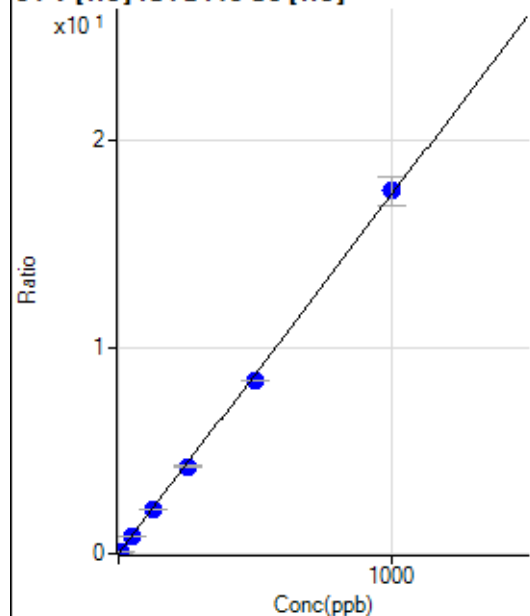
$$DL = 0.2141$$

$$BEC = 0.1642$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.00	0.0007	P	62.3
2	☐	0.500					
3	☐	5.000	4.143	3158.19	0.0728	P	3.9
4	☐	50.000	49.793	36917.59	0.8668	P	3.2
5	☐	125.000	122.793	92099.30	2.1364	P	0.8
6	☐	250.000	242.715	181124.25	4.2222	P	0.9
7	☐	500.000	483.145	353166.53	8.4039	P	0.3
8	☐	1000.000	1010.539	675683.91	17.5767	P	8.3
9	☐			212.23	0.0053	P	6.4

$$y = 0.0174 * x + 7.3435E-004$$

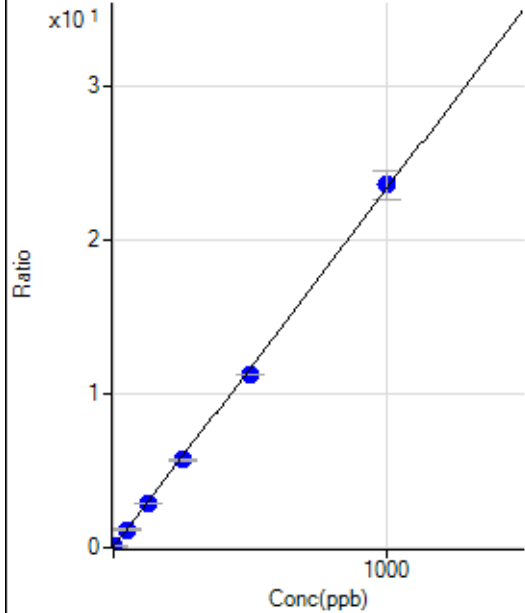
$$R = 0.9998$$

$$DL = 0.07888$$

$$BEC = 0.04222$$

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	1063.39	0.0266	P	5.3
2	☐	0.200					
3	☐	2.000	1.716	2888.13	0.0666	P	5.9
4	☐	50.000	49.471	50169.76	1.1781	P	3.9
5	☐	125.000	122.470	124033.71	2.8772	P	0.9
6	☐	250.000	244.106	244874.65	5.7083	P	1.0
7	☐	500.000	480.936	471535.65	11.2207	P	0.3
8	☐	1000.000	1011.349	906135.45	23.5663	P	7.7
9	☐			8086.91	0.2009	P	0.4

$$y = 0.0233 * x + 0.0266$$

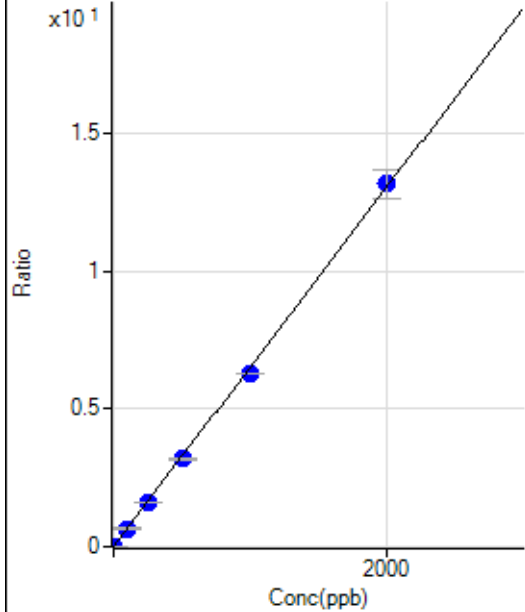
$$R = 0.9997$$

$$DL = 0.1812$$

$$BEC = 1.144$$

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	154.45	0.0039	P	12.4
2	☐	0.100					
3	☐	1.000	0.959	438.90	0.0101	P	13.3
4	☐	100.000	101.071	28164.19	0.6616	P	5.6
5	☐	250.000	249.337	70115.96	1.6264	P	0.4
6	☐	500.000	488.494	136531.56	3.1828	P	1.3
7	☐	1000.000	965.133	264101.53	6.2845	P	0.2
8	☐	2000.000	2020.339	505562.29	13.1514	P	8.2
9	☐			1885.72	0.0469	P	2.4

$$y = 0.0065 * x + 0.0039$$

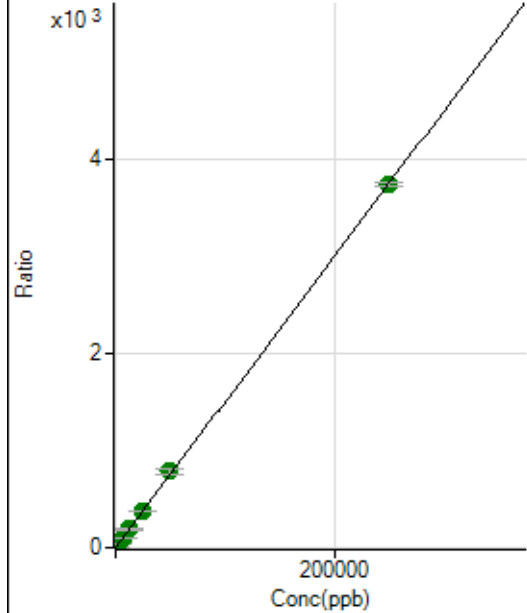
$$R = 0.9998$$

$$DL = 0.2222$$

$$BEC = 0.595$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2954.10	0.0741	P	7.2
2	☐	5.000					
3	☐	50.000	43.765	31597.39	0.7283	P	1.2
4	☐	2500.000	2659.654	1696189.68	39.8314	A	4.0
5	☐	6250.000	6467.429	4171006.89	96.7512	A	0.2
6	☐	12500.000	12568.530	8062826.28	187.9524	A	0.8
7	☐	25000.000	25068.403	15750824.43	374.8044	A	0.7
8	☐	50000.000	52470.638	30159823.13	784.4217	A	7.8
9	☐	250000.00	249488.57	150095814.4	3,729.507	A	1.1

$$y = 0.0149 * x + 0.0741$$

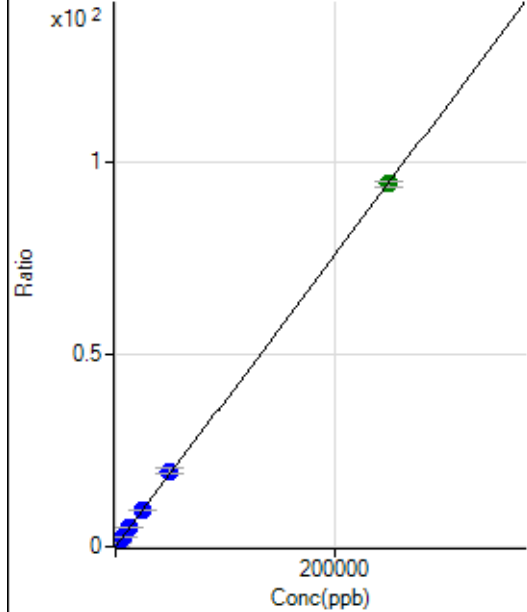
$$R = 0.9999$$

$$DL = 1.071$$

$$BEC = 4.956$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0022	P	6.0
2	☐	5.000					
3	☐	50.000	42.638	794.49	0.0183	P	6.2
4	☐	2500.000	2588.187	41694.15	0.9792	P	4.5
5	☐	6250.000	6424.633	104642.27	2.4273	P	0.3
6	☐	12500.000	12673.961	205333.57	4.7863	P	0.2
7	☐	25000.000	24965.945	396126.32	9.4261	P	0.4
8	☐	50000.000	52163.195	757253.25	19.6923	P	7.5
9	☐	250000.00	249556.82	3791166.75	94.2028	A	1.3

$$y = 3.7747E-004 * x + 0.0022$$

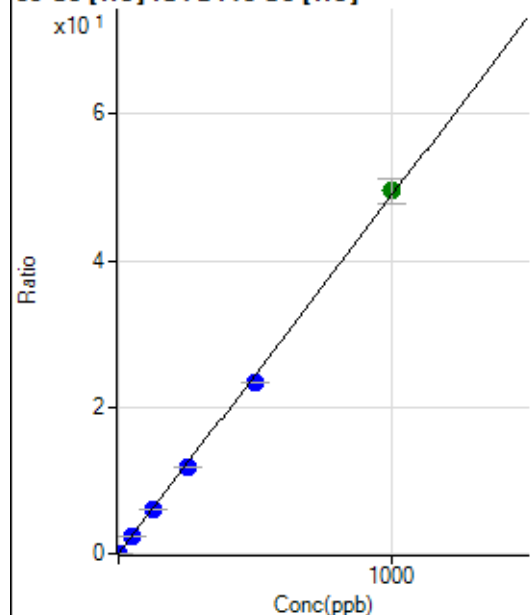
$$R = 1.0000$$

$$DL = 1.054$$

$$BEC = 5.872$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0035	P	24.4
2	☐	0.100					
3	☐	1.000	0.829	1907.94	0.0440	P	1.8
4	☐	50.000	49.781	103688.86	2.4344	P	3.1
5	☐	125.000	122.275	257554.99	5.9744	P	0.4
6	☐	250.000	241.934	506930.81	11.8175	P	1.3
7	☐	500.000	477.546	980116.55	23.3228	P	0.0
8	☐	1000.000	1013.595	1903865.18	49.4989	A	7.1
9	☐			2298.01	0.0571	P	3.2

$$y = 0.0488 * x + 0.0035$$

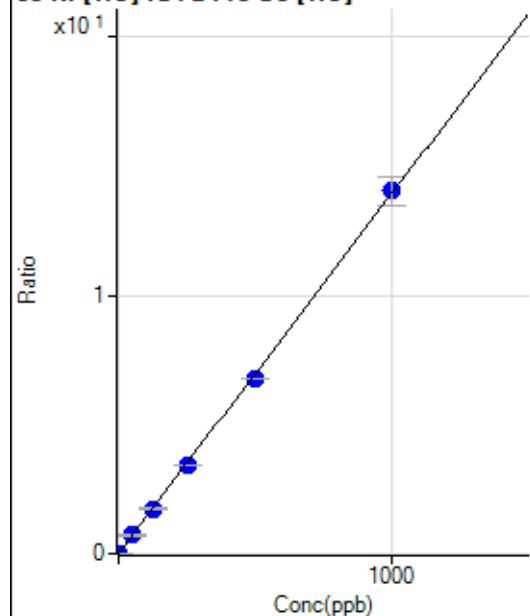
$$R = 0.9996$$

$$DL = 0.05257$$

$$BEC = 0.0718$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	383.35	0.0096	P	12.2
2	☐	0.100					
3	☐	1.000	0.847	928.94	0.0214	P	6.7
4	☐	50.000	50.656	30428.96	0.7143	P	2.8
5	☐	125.000	124.971	75365.88	1.7482	P	0.3
6	☐	250.000	246.243	147366.69	3.4353	P	1.0
7	☐	500.000	484.794	283830.45	6.7540	P	0.4
8	☐	1000.000	1008.513	539746.71	14.0399	P	8.1
9	☐			2312.46	0.0575	P	6.7

$$y = 0.0139 * x + 0.0096$$

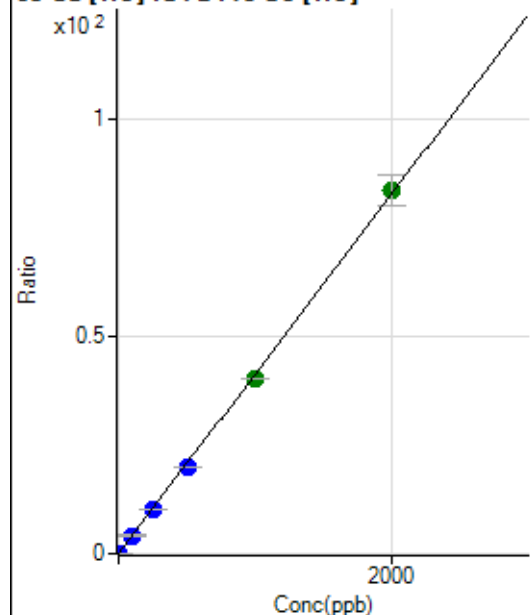
$$R = 0.9998$$

$$DL = 0.2527$$

$$BEC = 0.6924$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	248.90	0.0062	P	12.8
2	☐	0.200					
3	☐	2.000	1.959	3785.01	0.0872	P	2.3
4	☐	100.000	99.908	176303.59	4.1396	P	3.6
5	☐	250.000	245.682	438448.76	10.1706	P	0.7
6	☐	500.000	483.449	858294.20	20.0076	P	0.9
7	☐	1000.000	972.211	1690580.15	40.2288	A	0.3
8	☐	2000.000	2018.577	3210097.03	83.5193	A	8.5
9	☐			5235.53	0.1301	P	2.6

$$y = 0.0414 * x + 0.0062$$

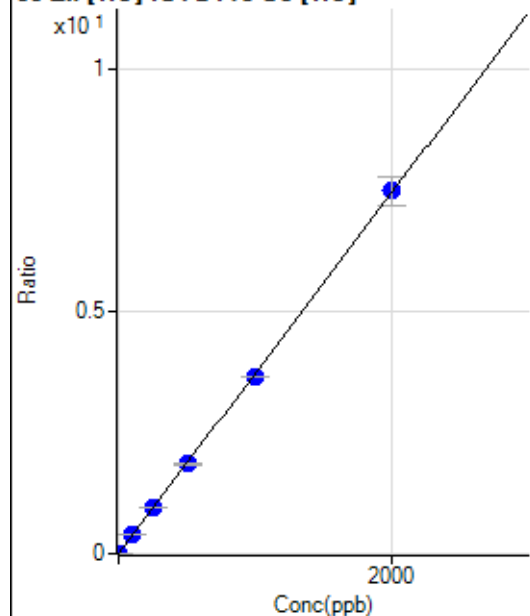
$$R = 0.9998$$

$$DL = 0.05741$$

$$BEC = 0.1499$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	97.78	0.0025	P	11.4
2	☐	0.200					
3	☐	2.000	1.943	420.02	0.0097	P	7.2
4	☐	100.000	105.089	16749.19	0.3934	P	5.5
5	☐	250.000	254.884	40987.28	0.9507	P	0.4
6	☐	500.000	497.329	79475.98	1.8528	P	1.5
7	☐	1000.000	978.107	153031.07	3.6415	P	0.5
8	☐	2000.000	2010.749	287740.15	7.4834	P	7.8
9	☐			1603.46	0.0398	P	5.4

$$y = 0.0037 * x + 0.0025$$

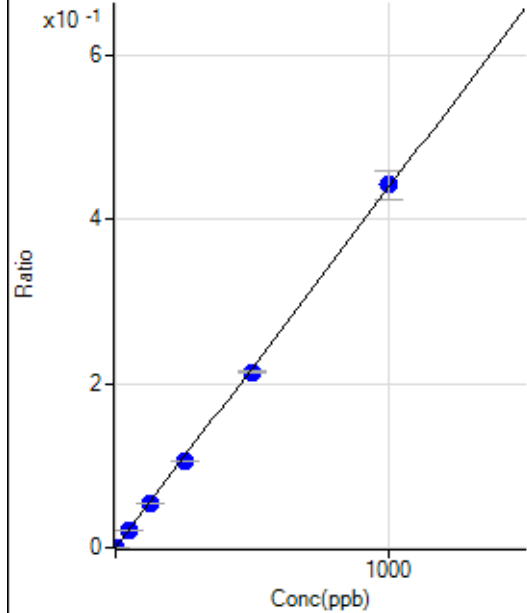
$$R = 0.9999$$

$$DL = 0.2261$$

$$BEC = 0.6594$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.26	0.0000	P	15.4
2	☐	0.100					
3	☐	1.000	0.847	112.96	0.0004	P	5.7
4	☐	50.000	49.261	5958.12	0.0216	P	1.2
5	☐	125.000	121.844	14874.76	0.0535	P	1.6
6	☐	250.000	241.972	29139.96	0.1062	P	0.6
7	☐	500.000	488.460	56731.82	0.2143	P	0.9
8	☐	1000.000	1008.209	107749.06	0.4424	P	8.2
9	☐			39.51	0.0002	P	31.8

$$y = 4.3875\text{E-}004 * x + 3.5585\text{E-}005$$

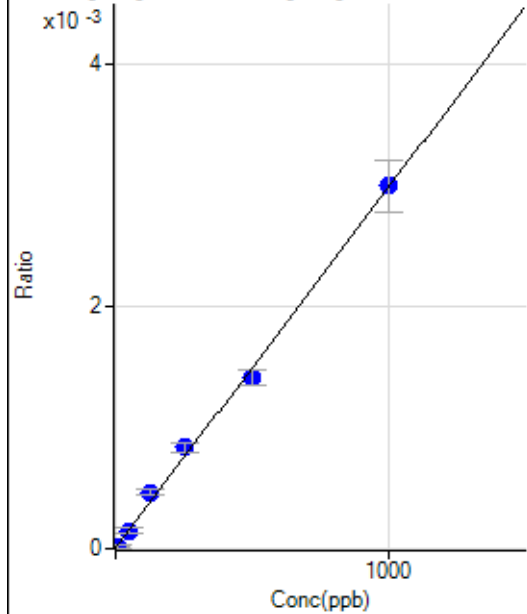
$$R = 0.9999$$

$$DL = 0.03756$$

$$BEC = 0.08111$$

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	1.11	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	3.871	4.44	0.0000	P	173.2
4	☐	50.000	48.809	41.11	0.0001	P	31.8
5	☐	125.000	155.532	130.00	0.0005	P	11.4
6	☐	250.000	278.643	228.89	0.0008	P	10.9
7	☐	500.000	471.049	372.24	0.0014	P	8.9
8	☐	1000.000	1003.563	726.70	0.0030	P	14.6
9	☐			0.00	0.0000	P	

$$y = 2.9769\text{E-}006 * x + 4.6128\text{E-}006$$

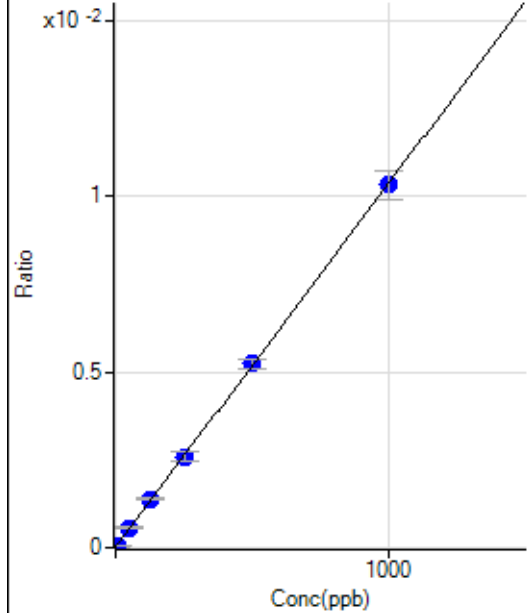
$$R = 0.9985$$

$$DL = 8.052$$

$$BEC = 1.55$$

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	2.47	0.0000	P	114.9
2	☐	0.500					
3	☐	5.000	5.555	18.52	0.0001	P	35.7
4	☐	50.000	54.568	158.03	0.0006	P	15.3
5	☐	125.000	133.893	387.66	0.0014	P	3.4
6	☐	250.000	249.173	709.90	0.0026	P	9.9
7	☐	500.000	504.749	1384.65	0.0052	P	4.9
8	☐	1000.000	996.489	2513.84	0.0103	P	7.8
9	☐			4.32	0.0000	P	24.4

$$y = 1.0344\text{E-}005 * x + 9.2259\text{E-}006$$

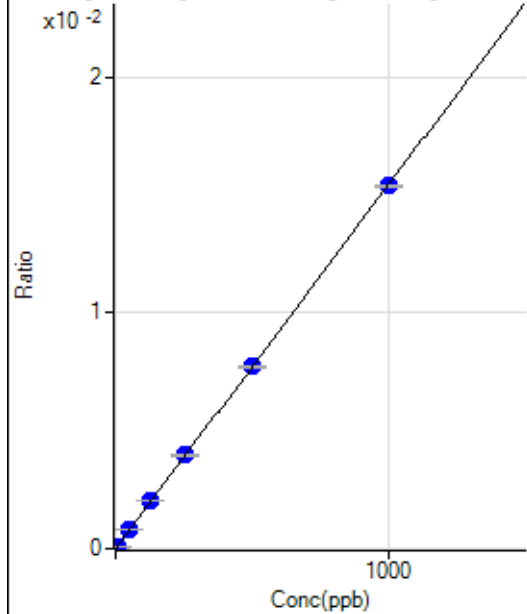
$$R = 0.9999$$

$$DL = 3.075$$

$$BEC = 0.8919$$

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	-45.93	0.0000	P	-155.
2	☐	0.500					
3	☐	5.000	5.282	534.68	0.0001	P	8.9
4	☐	50.000	52.716	5793.63	0.0008	P	1.7
5	☐	125.000	130.212	14501.01	0.0020	P	0.7
6	☐	250.000	256.684	28561.30	0.0040	P	2.4
7	☐	500.000	500.925	56964.84	0.0077	P	0.8
8	☐	1000.000	997.078	112234.55	0.0154	P	0.7
9	☐			44.65	0.0000	P	184.8

$$y = 1.5436\text{E-}005 * x - 6.7319\text{E-}006$$

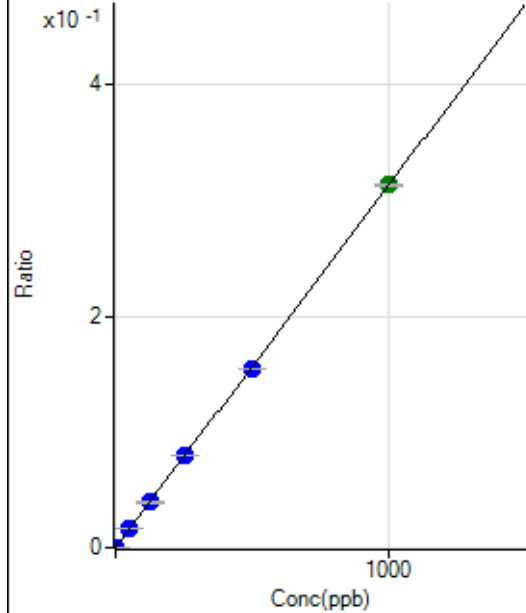
$$R = 1.0000$$

$$DL = 2.032$$

$$BEC = -0.4361$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	811.18	0.0001	P	13.2
2	☐	0.100					
3	☐	1.000	0.862	2772.65	0.0004	P	6.1
4	☐	50.000	50.146	113480.40	0.0158	P	0.2
5	☐	125.000	125.103	284175.26	0.0393	P	1.3
6	☐	250.000	252.907	572301.80	0.0792	P	0.7
7	☐	500.000	495.253	1143406.75	0.1551	P	0.0
8	☐	1000.000	1001.627	2287029.98	0.3135	A	0.8
9	☐			77196.19	0.0107	P	0.3

$$y = 3.1287\text{E-}004 * x + 1.1817\text{E-}004$$

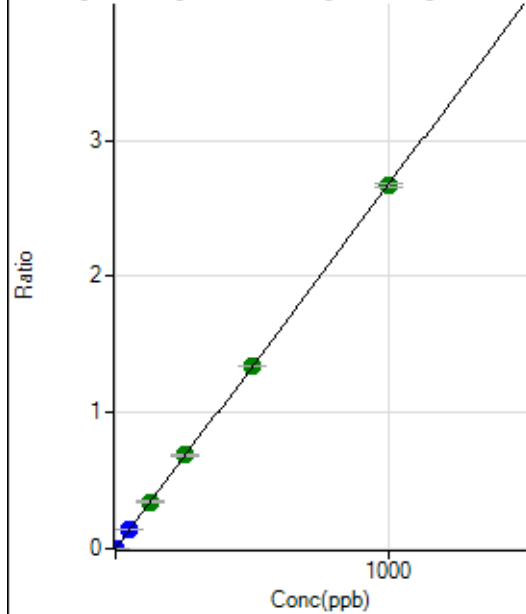
$$R = 1.0000$$

$$DL = 0.1495$$

$$BEC = 0.3777$$

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	158.34	0.0000	P	16.4
2	☐	0.100					
3	☐	1.000	0.893	17228.25	0.0024	P	0.2
4	☐	50.000	50.615	971657.43	0.1354	P	0.5
5	☐	125.000	128.803	2492947.86	0.3444	A	1.2
6	☐	250.000	257.824	4977935.44	0.6894	A	1.7
7	☐	500.000	502.285	9902308.38	1.3430	A	0.6
8	☐	1000.000	996.395	19434770.75	2.6641	A	1.1
9	☐			671329.45	0.0927	P	0.5

$$y = 0.0027 * x + 2.3076\text{E-}005$$

$$R = 1.0000$$

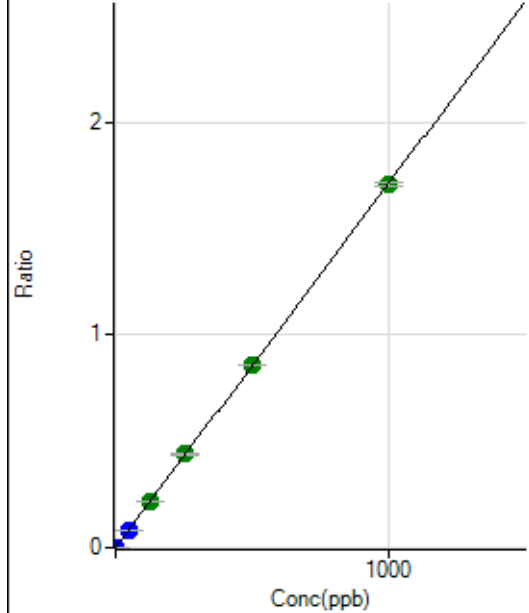
$$DL = 0.004259$$

$$BEC = 0.008631$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	413.92	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	0.835	10657.37	0.0015	P	1.9
4	☐	50.000	49.725	611805.96	0.0852	P	0.5
5	☐	125.000	127.238	1577918.61	0.2180	A	0.3
6	☐	250.000	256.981	3178847.62	0.4402	A	1.3
7	☐	500.000	503.024	6353062.64	0.8616	A	0.1
8	☐	1000.000	996.477	12450860.18	1.7067	A	1.0
9	☐			2733.73	0.0004	P	6.1

$$y = 0.0017 * x + 6.0311E-005$$

$$R = 1.0000$$

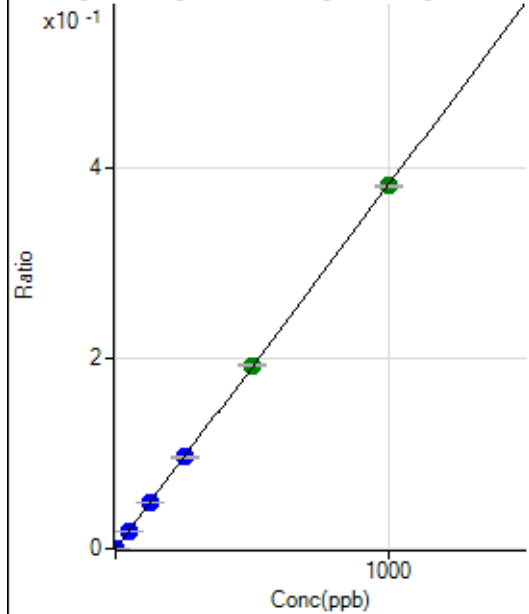
$$DL = 0.01349$$

$$BEC = 0.03521$$

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	100.00	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.819	2344.76	0.0003	P	2.2
4	☐	50.000	49.874	137152.06	0.0191	P	0.9
5	☐	125.000	125.485	347781.32	0.0480	P	1.0
6	☐	250.000	252.574	698214.79	0.0967	P	2.1
7	☐	500.000	503.943	1422348.94	0.1929	A	1.3
8	☐	1000.000	997.331	2785049.91	0.3818	A	0.6
9	☐			544.48	0.0001	P	10.3

$$y = 3.8277E-004 * x + 1.4571E-005$$

$$R = 1.0000$$

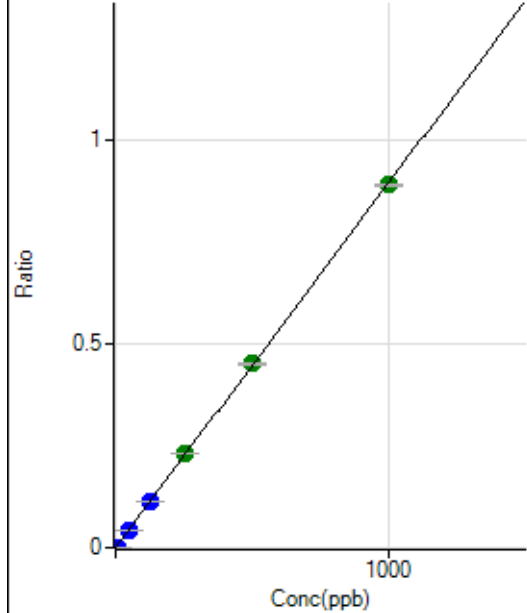
$$DL = 0.02545$$

$$BEC = 0.03807$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	263.91	0.0000	P	4.2
2	☐	0.500					
3	☐	5.000	1.820	11916.78	0.0017	P	4.4
4	☐	50.000	49.754	319911.88	0.0446	P	0.4
5	☐	125.000	125.984	816372.28	0.1128	P	1.0
6	☐	250.000	258.162	1668772.45	0.2311	A	0.7
7	☐	500.000	505.462	3335500.12	0.4524	A	1.2
8	☐	1000.000	995.134	6497023.37	0.8906	A	0.9
9	☐			3967.42	0.0005	P	4.3

$$y = 8.9490\text{E-}004 * x + 3.8427\text{E-}005$$

$$R = 0.9999$$

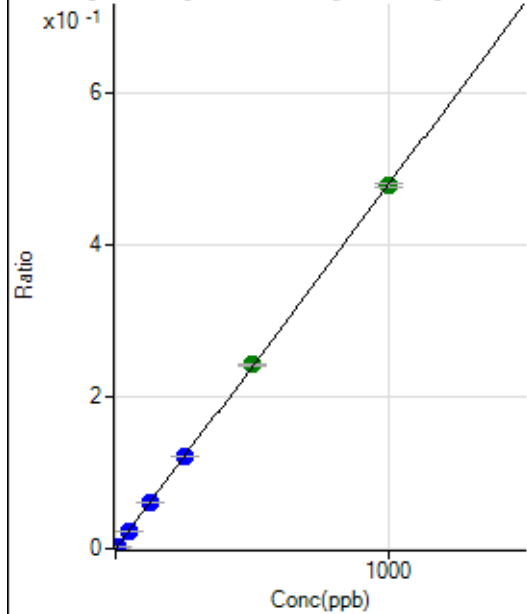
$$DL = 0.005447$$

$$BEC = 0.04294$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	158.34	0.0000	P	30.0
2	☐	0.500					
3	☐	5.000	4.161	14391.54	0.0020	P	3.0
4	☐	50.000	49.553	170367.21	0.0237	P	0.5
5	☐	125.000	125.280	434048.18	0.0600	P	0.6
6	☐	250.000	253.659	876562.54	0.1214	P	1.5
7	☐	500.000	505.216	1782443.44	0.2417	A	0.9
8	☐	1000.000	996.469	3478210.06	0.4768	A	1.1
9	☐			5120.64	0.0007	P	4.2

$$y = 4.7844\text{E-}004 * x + 2.3089\text{E-}005$$

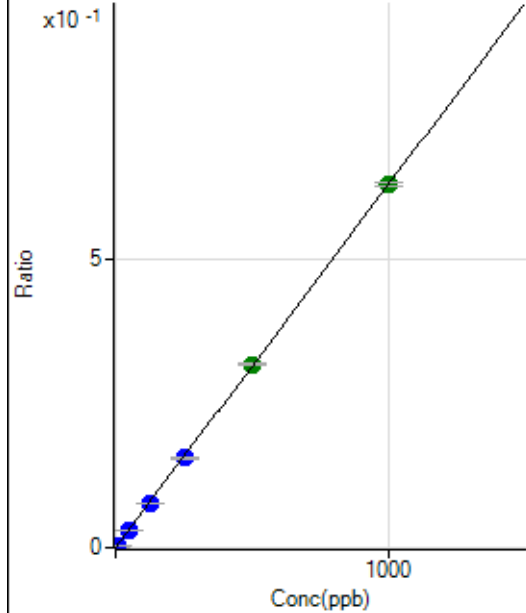
$$R = 1.0000$$

$$DL = 0.04341$$

$$BEC = 0.04826$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0000	P	37.2
2	☐	0.500					
3	☐	5.000	3.529	16143.56	0.0023	P	2.1
4	☐	50.000	48.731	220458.90	0.0307	P	1.0
5	☐	125.000	122.849	559986.50	0.0774	P	0.4
6	☐	250.000	247.296	1124237.56	0.1557	P	1.7
7	☐	500.000	504.561	2341847.15	0.3176	A	1.0
8	☐	1000.000	998.735	4586087.26	0.6286	A	0.9
9	☐			7316.19	0.0010	P	3.5

$$y = 6.2940\text{E-}004 * x + 3.7639\text{E-}005$$

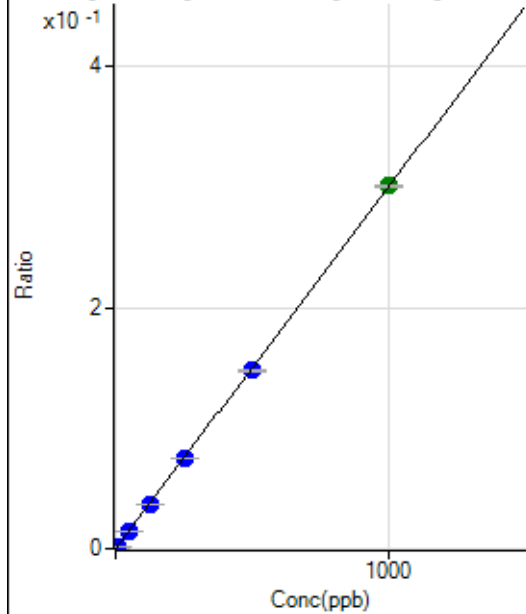
$$R = 1.0000$$

$$DL = 0.06672$$

$$BEC = 0.0598$$

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	116.67	0.0000	P	43.2
2	☐	0.500					
3	☐	5.000	4.205	9134.01	0.0013	P	3.7
4	☐	50.000	49.430	106533.59	0.0148	P	1.3
5	☐	125.000	123.748	268754.64	0.0371	P	0.4
6	☐	250.000	249.622	540686.84	0.0749	P	1.6
7	☐	500.000	493.747	1091892.15	0.1481	P	0.9
8	☐	1000.000	1003.410	2195338.50	0.3009	A	0.7
9	☐			3128.26	0.0004	P	6.9

$$y = 2.9989\text{E-}004 * x + 1.6982\text{E-}005$$

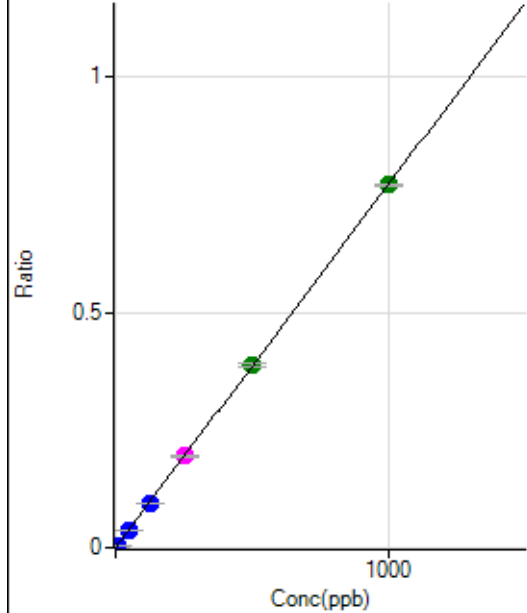
$$R = 1.0000$$

$$DL = 0.07334$$

$$BEC = 0.05663$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	297.24	0.0000	P	20.5
2	☐	0.500					
3	☐	5.000	4.246	23727.19	0.0033	P	2.7
4	☐	50.000	49.423	274126.22	0.0382	P	0.2
5	☐	125.000	123.507	690271.11	0.0954	P	0.3
6	☐	250.000	251.347	1401084.48	0.1940	M	1.4
7	☐	500.000	502.791	2861286.26	0.3881	A	1.2
8	☐	1000.000	998.487	5621831.90	0.7706	A	0.5
9	☐			8119.44	0.0011	P	4.0

$$y = 7.7173\text{E-}004 * x + 4.3282\text{E-}005$$

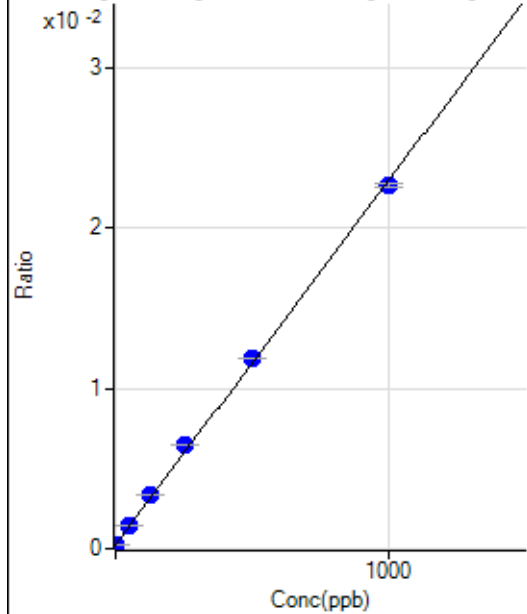
$$R = 1.0000$$

$$DL = 0.03448$$

$$BEC = 0.05608$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1700.19	0.0002	P	3.1
2	☐	0.100					
3	☐	1.000	0.817	1880.78	0.0003	P	7.1
4	☐	50.000	53.367	10501.79	0.0015	P	0.8
5	☐	125.000	137.865	24492.54	0.0034	P	1.2
6	☐	250.000	273.415	47177.92	0.0065	P	1.0
7	☐	500.000	512.292	92672.91	0.0119	P	0.7
8	☐	1000.000	986.224	181616.86	0.0226	P	1.0
9	☐			1655.75	0.0002	P	9.2

$$y = 2.2679\text{E-}005 * x + 2.4955\text{E-}004$$

$$R = 0.9995$$

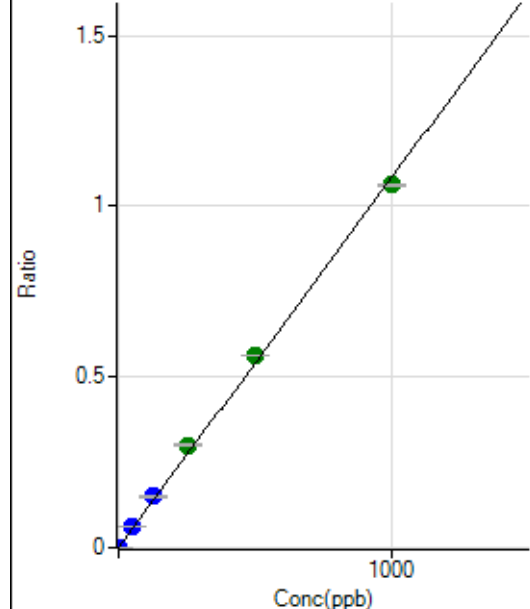
$$DL = 1.009$$

$$BEC = 11$$

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	61.11	0.0000	P	20.7
2	☐	0.100					
3	☐	1.000	1.269	9703.88	0.0014	P	4.4
4	☐	50.000	55.068	428877.31	0.0596	P	1.1
5	☐	125.000	138.082	1084451.79	0.1495	P	0.5
6	☐	250.000	277.347	2196061.01	0.3003	A	1.1
7	☐	500.000	520.252	4397991.81	0.5632	A	0.8
8	☐	1000.000	981.149	8529707.74	1.0622	A	0.4
9	☐			808.40	0.0001	P	10.9

$$y = 0.0011 * x + 8.9691E-006$$

$$R = 0.9992$$

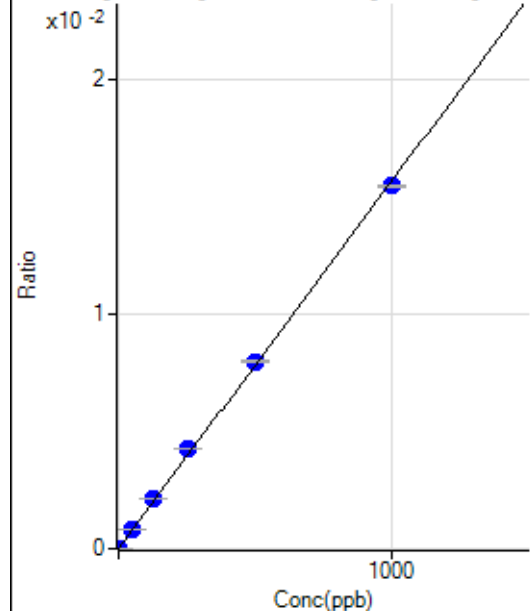
$$DL = 0.005157$$

$$BEC = 0.008285$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.89	0.0000	P	75.6
2	☐	0.100					
3	☐	1.000	0.934	116.67	0.0000	P	23.7
4	☐	50.000	53.320	6008.42	0.0008	P	2.4
5	☐	125.000	136.606	15500.82	0.0021	P	2.1
6	☐	250.000	270.598	30946.87	0.0042	P	0.0
7	☐	500.000	510.275	62286.13	0.0080	P	1.1
8	☐	1000.000	988.096	124019.49	0.0154	P	0.6
9	☐			38.89	0.0000	P	44.8

$$y = 1.5627E-005 * x + 2.0400E-006$$

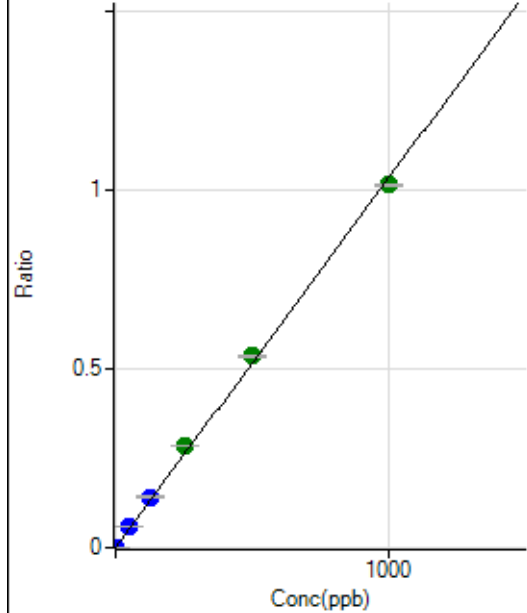
$$R = 0.9997$$

$$DL = 0.2961$$

$$BEC = 0.1305$$

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	50.00	0.0000	P	16.8
2	☐	0.100					
3	☐	1.000	1.292	9428.69	0.0013	P	0.5
4	☐	50.000	54.934	408710.52	0.0568	P	0.5
5	☐	125.000	137.563	1032062.26	0.1423	P	1.2
6	☐	250.000	275.643	2085040.11	0.2851	A	0.9
7	☐	500.000	519.376	4194361.64	0.5371	A	0.6
8	☐	1000.000	982.084	8156256.52	1.0156	A	0.5
9	☐			805.62	0.0001	P	11.0

$$y = 0.0010 * x + 7.3406E-006$$

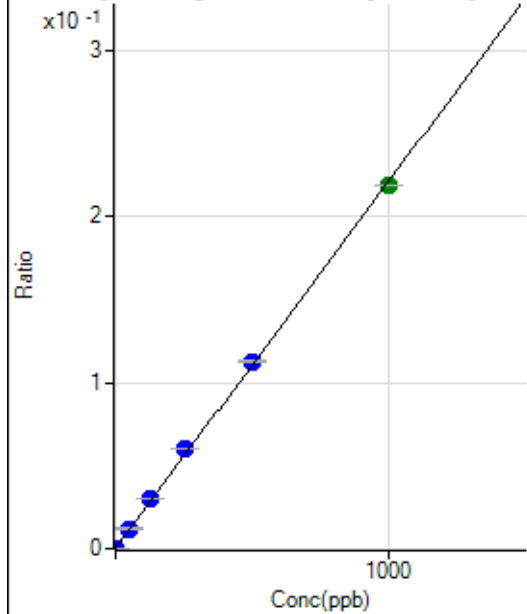
$$R = 0.9993$$

$$DL = 0.00358$$

$$BEC = 0.007098$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1245.69	0.0002	P	2.0
2	☐	0.100					
3	☐	1.000	0.949	2751.66	0.0004	P	4.1
4	☐	50.000	54.209	87319.40	0.0121	P	1.0
5	☐	125.000	136.234	219301.68	0.0302	P	1.0
6	☐	250.000	270.733	438089.41	0.0599	P	0.9
7	☐	500.000	509.656	879233.60	0.1126	P	0.6
8	☐	1000.000	988.374	1752106.83	0.2182	A	0.1
9	☐			1401.26	0.0002	P	7.0

$$y = 2.2056E-004 * x + 1.8284E-004$$

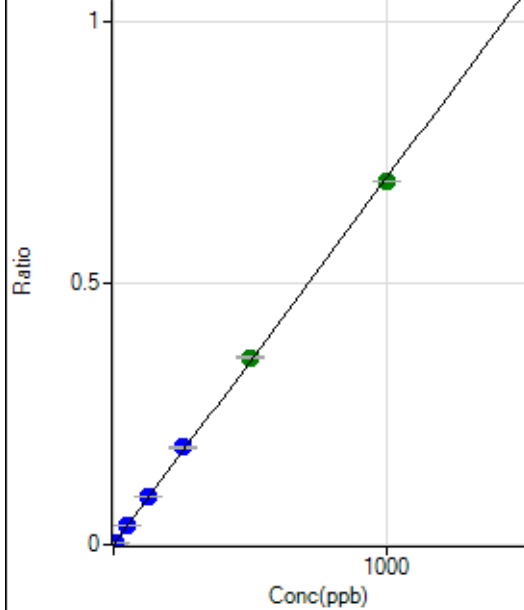
$$R = 0.9997$$

$$DL = 0.04923$$

$$BEC = 0.829$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	477.81	0.0001	P	11.3
2	☐	0.500					
3	☐	5.000	4.600	23140.47	0.0033	P	1.4
4	☐	50.000	52.609	266072.71	0.0370	P	1.2
5	☐	125.000	131.912	672050.82	0.0926	P	1.1
6	☐	250.000	265.914	1365417.79	0.1867	P	1.0
7	☐	500.000	511.038	2801137.11	0.3587	A	1.3
8	☐	1000.000	989.510	5577114.10	0.6945	A	0.2
9	☐			5173.45	0.0007	P	1.7

$$y = 7.0178\text{E-}004 * x + 7.0138\text{E-}005$$

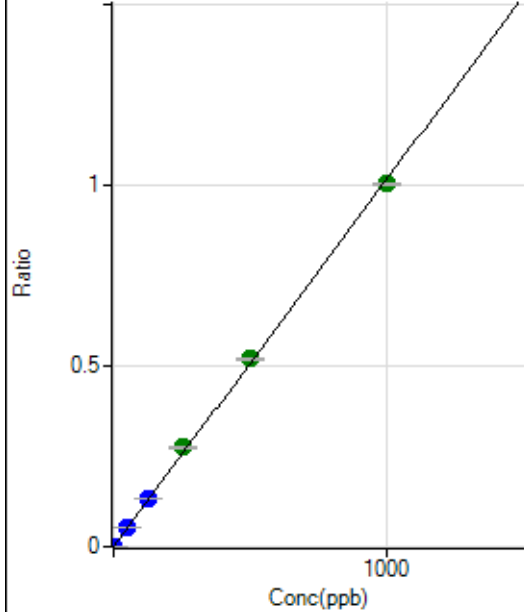
$$R = 0.9998$$

$$DL = 0.03396$$

$$BEC = 0.09994$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	31.4
2	☐	0.200					
3	☐	2.000	1.976	14083.04	0.0020	P	3.3
4	☐	50.000	52.130	380170.28	0.0529	P	1.0
5	☐	125.000	131.838	969570.31	0.1337	P	0.5
6	☐	250.000	269.859	2000847.53	0.2736	A	1.4
7	☐	500.000	511.263	4047321.62	0.5183	A	0.4
8	☐	1000.000	988.442	8046845.32	1.0020	A	0.4
9	☐			19011.44	0.0024	P	2.0

$$y = 0.0010 * x + 4.4847\text{E-}006$$

$$R = 0.9997$$

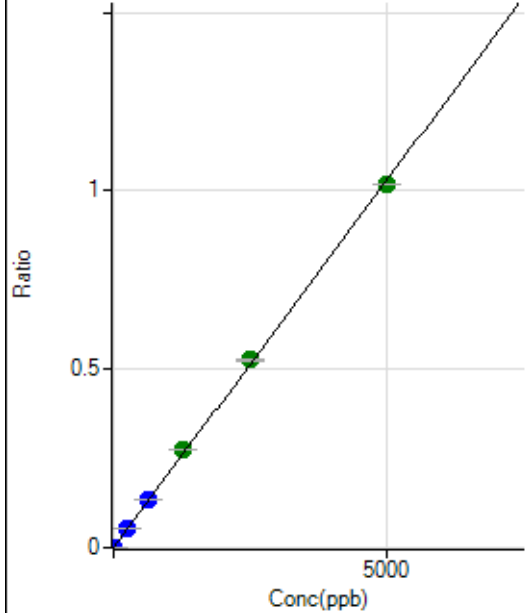
$$DL = 0.004174$$

$$BEC = 0.004424$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	15.1
2	☐	1.000					
3	☐	10.000	8.822	12906.86	0.0018	P	0.4
4	☐	250.000	260.349	385395.39	0.0536	P	0.3
5	☐	625.000	657.772	981657.55	0.1353	P	0.4
6	☐	1250.000	1341.612	2018611.74	0.2760	A	0.5
7	☐	2500.000	2558.371	4109411.51	0.5262	A	0.3
8	☐	5000.000	4943.300	8165453.74	1.0168	A	0.1
9	☐			2708.74	0.0003	P	5.5

$$y = 2.0569\text{E-}004 * x + 2.4875\text{E-}005$$

$$R = 0.9997$$

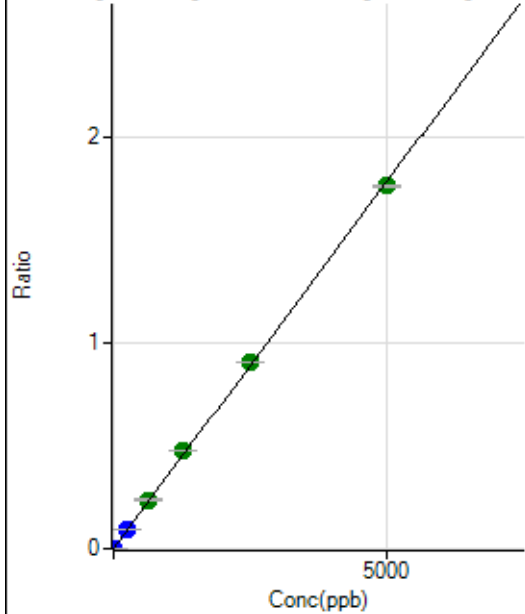
$$DL = 0.05485$$

$$BEC = 0.1209$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	230.57	0.0000	P	21.2
2	☐	1.000					
3	☐	10.000	9.099	23020.94	0.0033	P	1.8
4	☐	250.000	261.812	672264.96	0.0935	P	0.4
5	☐	625.000	667.876	1729050.71	0.2384	A	1.3
6	☐	1250.000	1337.136	3490031.07	0.4772	A	0.9
7	☐	2500.000	2546.023	7094657.80	0.9085	A	0.5
8	☐	5000.000	4949.256	14182579.83	1.7661	A	0.2
9	☐			4626.02	0.0006	P	3.0

$$y = 3.5683\text{E-}004 * x + 3.3846\text{E-}005$$

$$R = 0.9997$$

$$DL = 0.06045$$

$$BEC = 0.09485$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

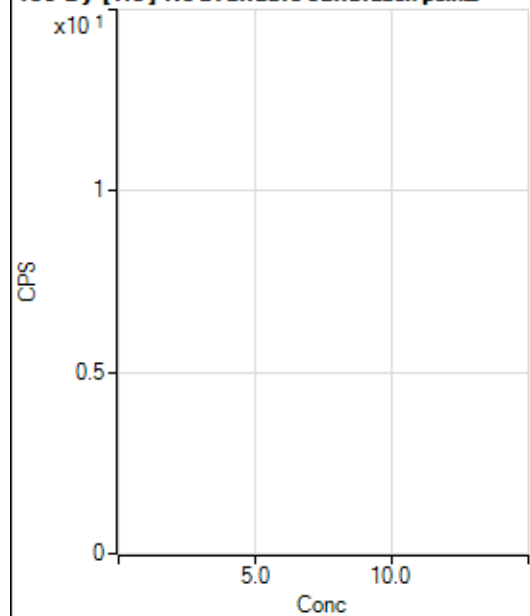
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.33		P	50.0
2	☐						
3	☐			6.67		P	0.0
4	☐			15.56		P	49.5
5	☐			75.56		P	58.7
6	☐			84.45		P	27.7
7	☐			191.12		P	7.3
8	☐			291.13		P	25.2
9	☐			75.56		P	22.2

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			0.00		P	
5	☐			4.45		P	86.6
6	☐			3.33		P	100.1
7	☐			10.00		P	33.3
8	☐			8.89		P	57.3
9	☐			16.67		P	34.6

156 Dy [No Gas] No available calibration points

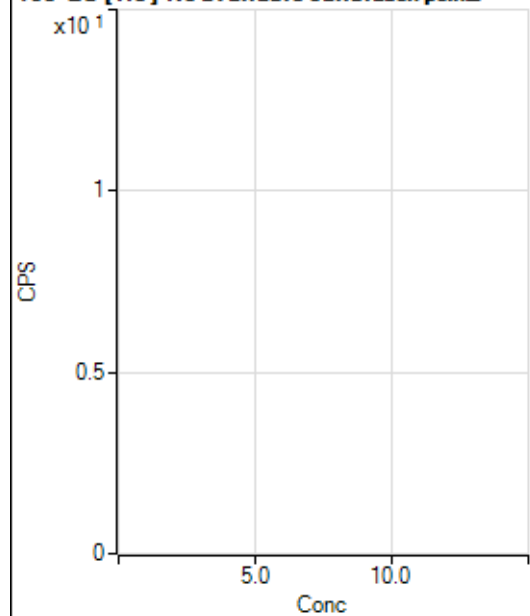
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.34		P	50.0
2	☐						
3	☐			8.33		P	100.0
4	☐			27.78		P	62.5
5	☐			41.67		P	72.1
6	☐			52.78		P	9.1
7	☐			80.56		P	15.8
8	☐			138.90		P	12.5
9	☐			47.22		P	10.2

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	86.6
5	☐			5.56		P	91.6
6	☐			11.11		P	62.5
7	☐			16.67		P	20.0
8	☐			24.44		P	47.9
9	☐			14.45		P	26.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			69.45		P	27.7
2	☐						
3	☐			55.56		P	37.8
4	☐			72.22		P	29.0
5	☐			100.01		P	36.3
6	☐			100.00		P	28.9
7	☐			130.56		P	32.1
8	☐			136.12		P	33.7
9	☐			102.78		P	40.0

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	88.2
2	☐						
3	☐			7.78		P	107.8
4	☐			13.33		P	25.0
5	☐			21.11		P	24.1
6	☐			17.78		P	39.0
7	☐			27.78		P	13.9
8	☐			30.00		P	29.4
9	☐			24.45		P	28.4

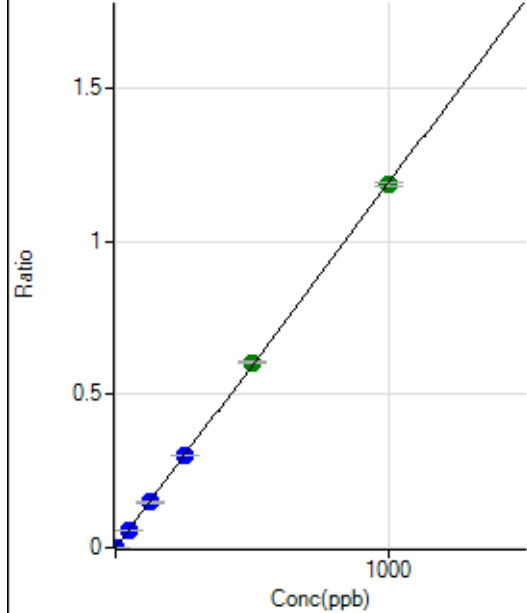
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	48.0
2	☐						
3	☐			11.11		P	114.6
4	☐			36.11		P	66.6
5	☐			63.89		P	27.2
6	☐			44.45		P	10.8
7	☐			50.00		P	16.7
8	☐			52.78		P	91.2
9	☐			69.45		P	18.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	89.2
2	☐						
3	☐			13.33		P	43.3
4	☐			3.33		P	0.0
5	☐			10.00		P	0.0
6	☐			13.33		P	25.0
7	☐			12.22		P	63.0
8	☐			7.78		P	49.5
9	☐			7.78		P	65.5

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	177.79	0.0000	P	22.3
2	☐	0.100					
3	☐	1.000	0.875	4245.36	0.0011	P	6.1
4	☐	50.000	49.652	236022.67	0.0592	P	1.2
5	☐	125.000	124.387	603556.38	0.1482	P	1.1
6	☐	250.000	254.515	1250016.80	0.3031	P	0.4
7	☐	500.000	508.195	2655415.66	0.6052	A	1.6
8	☐	1000.000	994.868	5334644.91	1.1848	A	1.0
9	☐			1794.65	0.0004	P	7.6

$$y = 0.0012 * x + 4.5962E-005$$

$$R = 0.9999$$

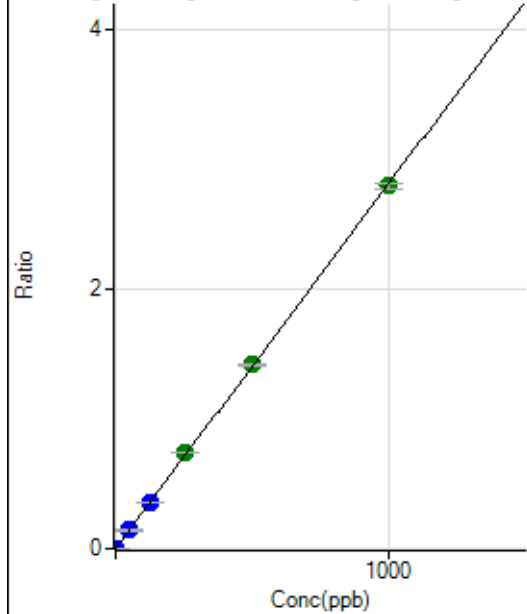
$$DL = 0.02584$$

$$BEC = 0.0386$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	441.70	0.0001	P	21.7
2	☐	0.100					
3	☐	1.000	0.863	9901.57	0.0025	P	5.7
4	☐	50.000	50.089	561355.64	0.1407	P	0.3
5	☐	125.000	126.308	1444889.87	0.3547	P	1.3
6	☐	250.000	261.739	3030708.97	0.7350	A	0.1
7	☐	500.000	504.322	6212685.42	1.4160	A	1.1
8	☐	1000.000	994.736	12575018.34	2.7929	A	1.3
9	☐			4306.52	0.0010	P	7.9

$$y = 0.0028 * x + 1.1420E-004$$

$$R = 0.9999$$

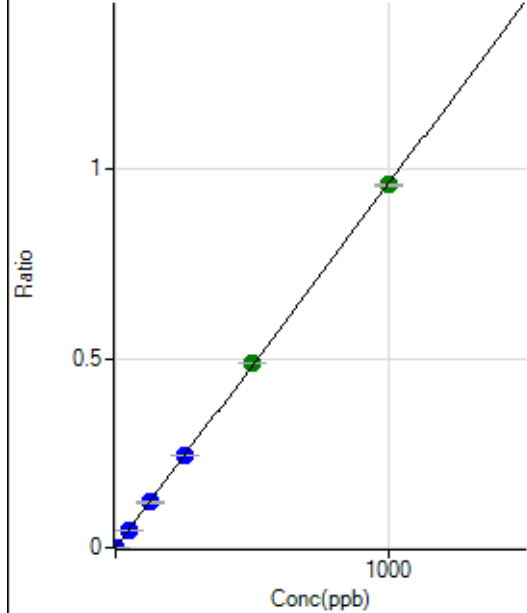
$$DL = 0.02646$$

$$BEC = 0.04068$$

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	631.52	0.0002	P	2.3
2	☐	0.100					
3	☐	1.000	1.072	4663.95	0.0012	P	0.9
4	☐	50.000	49.131	189367.18	0.0475	P	0.8
5	☐	125.000	124.001	487098.87	0.1196	P	0.7
6	☐	250.000	252.260	1002452.69	0.2431	P	0.3
7	☐	500.000	506.026	2138943.35	0.4875	A	0.4
8	☐	1000.000	996.590	4322086.53	0.9599	A	0.2
9	☐			7506.14	0.0018	P	2.5

$$y = 9.6305\text{E-}004 * x + 1.6322\text{E-}004$$

$$R = 1.0000$$

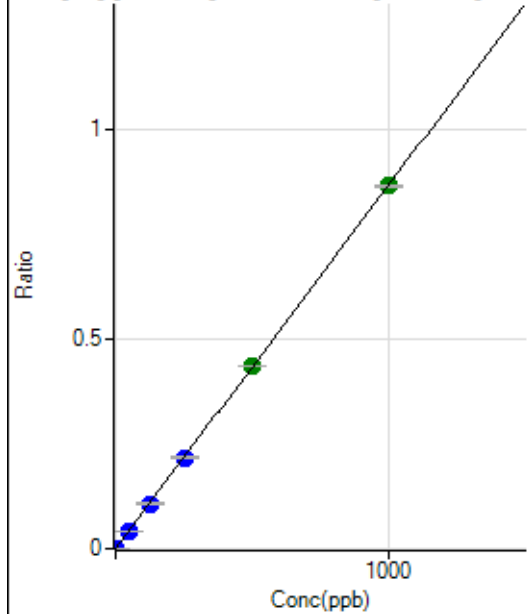
$$DL = 0.01153$$

$$BEC = 0.1695$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0001	P	8.0
2	☐	0.100					
3	☐	1.000	1.118	4300.88	0.0011	P	4.0
4	☐	50.000	49.144	170438.42	0.0427	P	0.3
5	☐	125.000	124.027	438452.96	0.1076	P	0.8
6	☐	250.000	250.801	896949.80	0.2175	P	0.9
7	☐	500.000	503.372	1915037.99	0.4365	A	0.4
8	☐	1000.000	998.278	3896685.47	0.8654	A	0.3
9	☐			6288.79	0.0015	P	1.7

$$y = 8.6681\text{E-}004 * x + 1.3356\text{E-}004$$

$$R = 1.0000$$

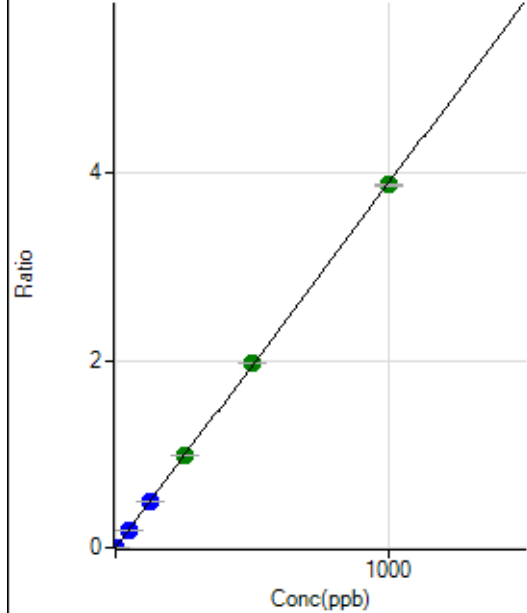
$$DL = 0.03688$$

$$BEC = 0.1541$$

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	2342.75	0.0006	P	6.4
2	☐	0.100					
3	☐	1.000	1.071	18637.31	0.0048	P	1.1
4	☐	50.000	49.433	770448.92	0.1932	P	0.5
5	☐	125.000	124.517	1978192.62	0.4856	P	0.6
6	☐	250.000	254.243	4086138.16	0.9910	A	1.1
7	☐	500.000	507.004	8668130.06	1.9756	A	0.2
8	☐	1000.000	995.526	17463320.01	3.8786	A	0.3
9	☐			29030.52	0.0068	P	1.0

$$y = 0.0039 * x + 6.0549E-004$$

$$R = 1.0000$$

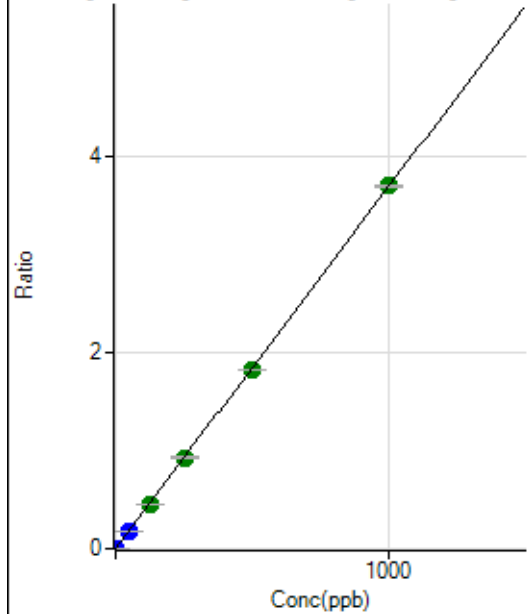
$$DL = 0.02968$$

$$BEC = 0.1554$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1063.99	0.0003	P	32.3
2	☐	0.100					
3	☐	1.000	0.799	12545.78	0.0032	P	3.2
4	☐	50.000	47.729	702192.55	0.1760	P	0.9
5	☐	125.000	124.193	1864087.24	0.4576	A	0.2
6	☐	250.000	251.039	3812845.40	0.9248	A	1.9
7	☐	500.000	494.112	7985090.28	1.8199	A	0.5
8	☐	1000.000	1002.899	16630435.09	3.6936	A	0.4
9	☐			1633.53	0.0004	P	12.7

$$y = 0.0037 * x + 2.7498E-004$$

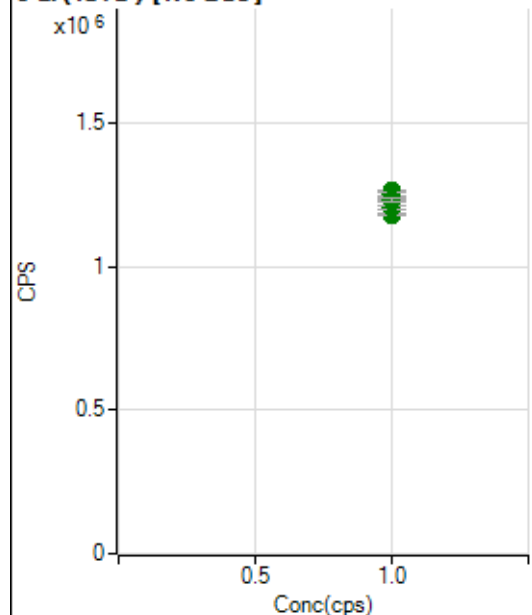
$$R = 1.0000$$

$$DL = 0.07243$$

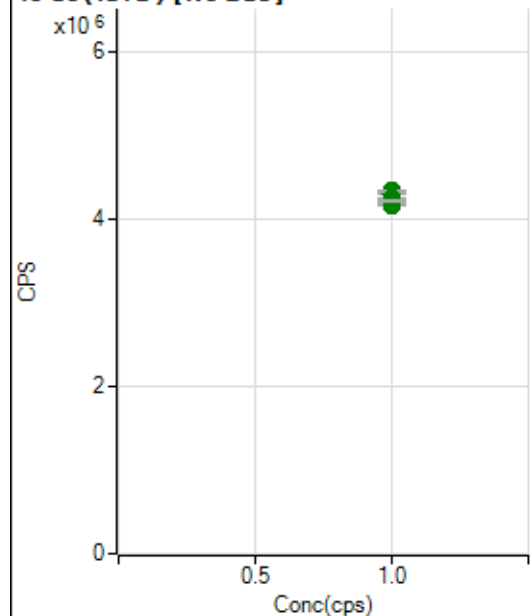
$$BEC = 0.07467$$

Weight: <None>

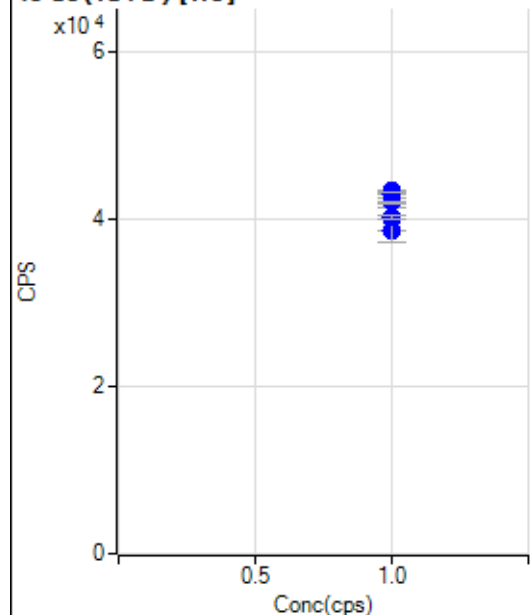
Min Conc: 0

6 Li (ISTD) [No Gas]

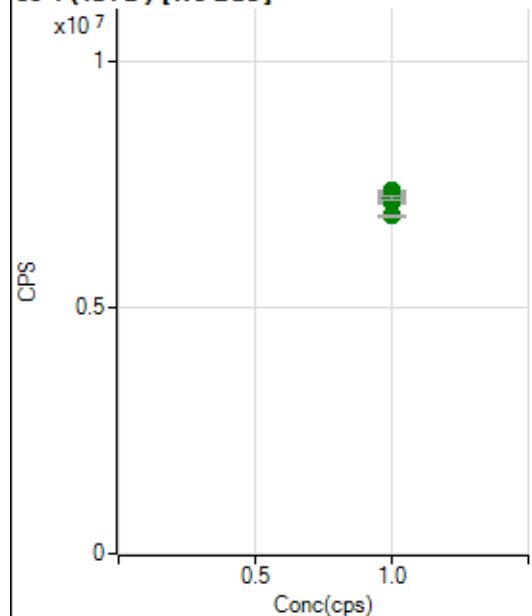
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1183417.31		A	0.7
2	☐	1.000					
3	☐	1.000		1208550.53		A	0.7
4	☐	1.000		1238082.30		A	0.5
5	☐	1.000		1228265.83		A	0.1
6	☐	1.000		1230760.63		A	2.1
7	☐	1.000		1266108.92		A	0.2
8	☐	1.000		1257551.85		A	1.0
9	☐	1.000		1234778.20		A	0.6

45 Sc (ISTD) [No Gas]

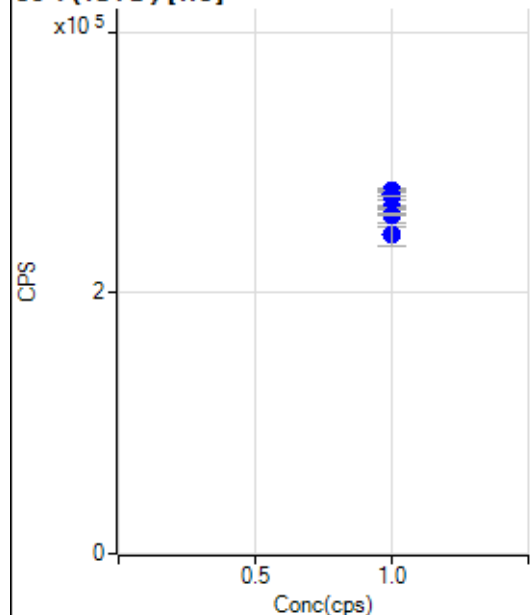
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4169420.97		A	0.5
2	☐	1.000					
3	☐	1.000		4234633.08		A	1.2
4	☐	1.000		4321539.46		A	0.4
5	☐	1.000		4325389.59		A	0.4
6	☐	1.000		4295189.07		A	1.3
7	☐	1.000		4341564.98		A	0.7
8	☐	1.000		4248793.02		A	0.3
9	☐	1.000		4221767.98		A	0.8

45 Sc (ISTD) [He]

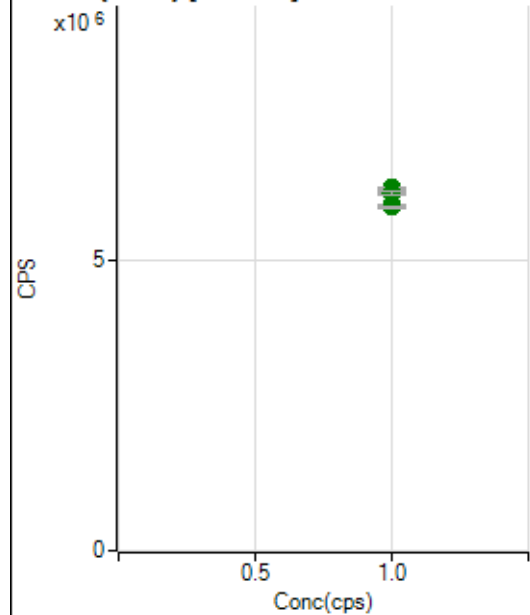
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40012.99		P	7.2
2	☐	1.000					
3	☐	1.000		43384.72		P	0.3
4	☐	1.000		42621.47		P	3.2
5	☐	1.000		43110.54		P	0.7
6	☐	1.000		42901.11		P	1.3
7	☐	1.000		42023.96		P	0.3
8	☐	1.000		38599.02		P	7.5
9	☐	1.000		40248.80		P	1.2

89 Y (ISTD) [No Gas]

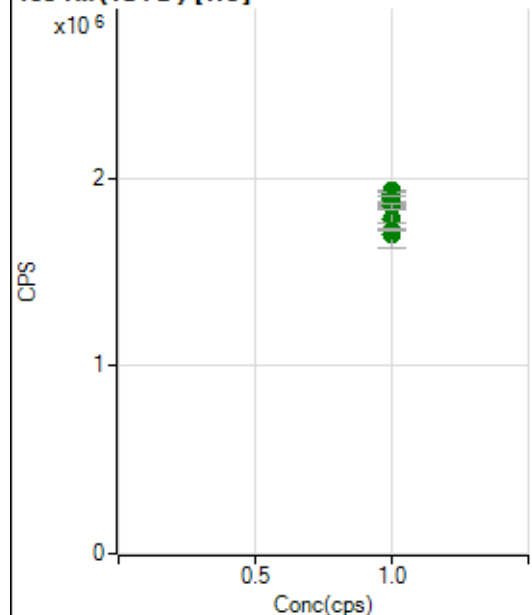
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6866511.50		A	0.7
2	☐	1.000					
3	☐	1.000		7147467.74		A	0.5
4	☐	1.000		7178906.56		A	0.5
5	☐	1.000		7238859.96		A	0.8
6	☐	1.000		7222557.53		A	1.8
7	☐	1.000		7373616.77		A	0.6
8	☐	1.000		7295505.51		A	0.7
9	☐	1.000		7241368.30		A	1.0

89 Y(ISTD) [He]

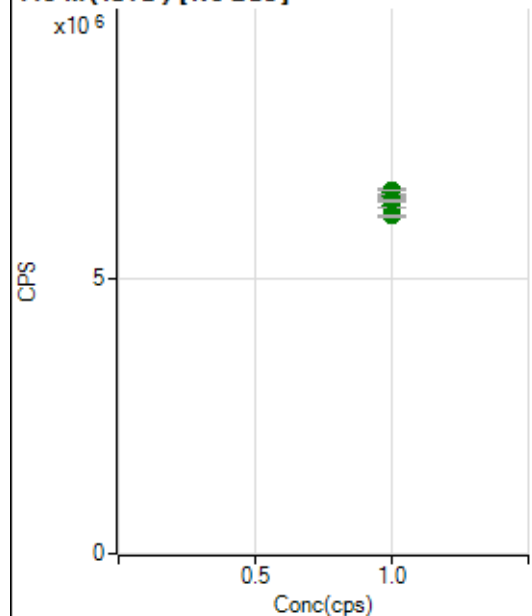
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		259051.09		P	6.2
2	☐	1.000					
3	☐	1.000		277274.66		P	0.6
4	☐	1.000		275274.21		P	3.1
5	☐	1.000		278051.31		P	0.4
6	☐	1.000		274383.31		P	0.3
7	☐	1.000		264674.23		P	0.6
8	☐	1.000		244575.20		P	7.6
9	☐	1.000		259780.21		P	0.8

103 Rh(ISTD) [No Gas]

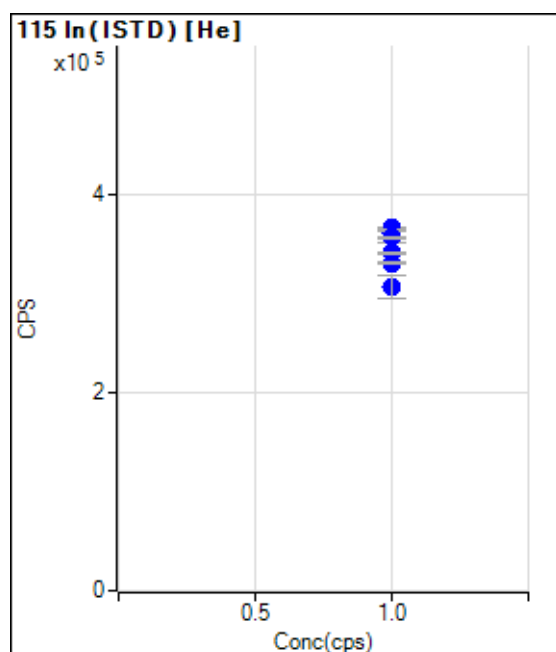
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5945383.47		A	0.7
2	☐	1.000					
3	☐	1.000		6160722.66		A	0.7
4	☐	1.000		6183002.13		A	0.5
5	☐	1.000		6164205.35		A	0.6
6	☐	1.000		6162411.34		A	1.7
7	☐	1.000		6243198.19		A	0.1
8	☐	1.000		6151053.96		A	1.1
9	☐	1.000		5913534.85		A	0.5

103 Rh (ISTD) [He]

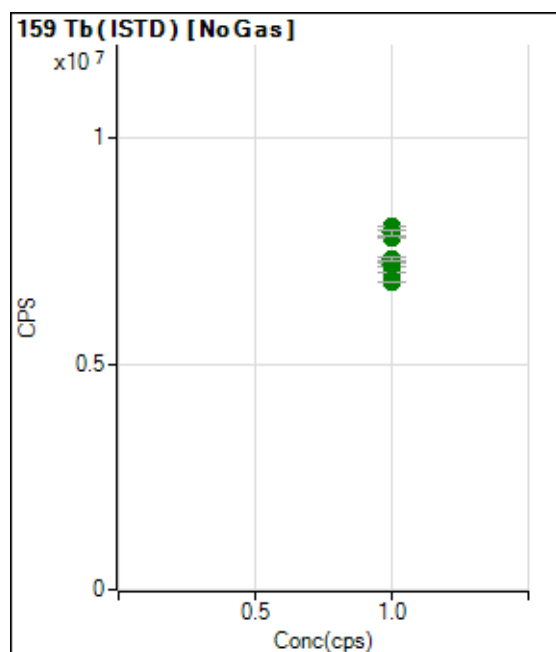
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1781829.80		A	6.8
2	☐	1.000					
3	☐	1.000		1934138.85		A	0.7
4	☐	1.000		1897589.64		A	4.0
5	☐	1.000		1918290.91		A	1.0
6	☐	1.000		1891396.79		A	1.1
7	☐	1.000		1851476.12		A	1.3
8	☐	1.000		1696805.46		A	8.1
9	☐	1.000		1725695.39		A	0.9

115 In (ISTD) [No Gas]

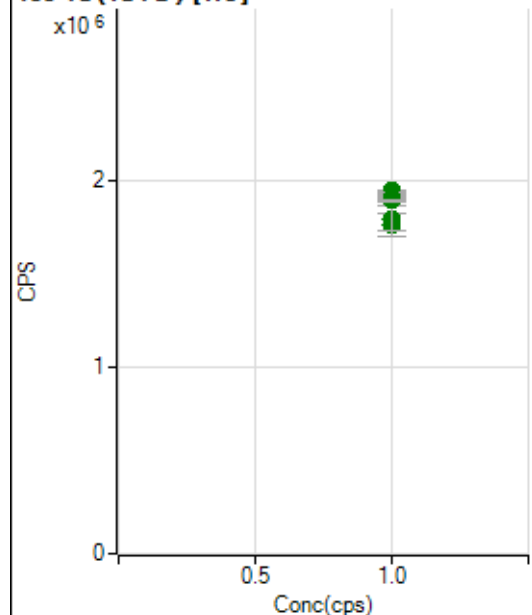
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6130214.29		A	0.3
2	☐	1.000					
3	☐	1.000		6330785.70		A	1.2
4	☐	1.000		6446340.30		A	0.2
5	☐	1.000		6468216.84		A	0.7
6	☐	1.000		6475361.46		A	1.7
7	☐	1.000		6583897.01		A	1.4
8	☐	1.000		6560336.29		A	0.7
9	☐	1.000		6406168.25		A	1.0



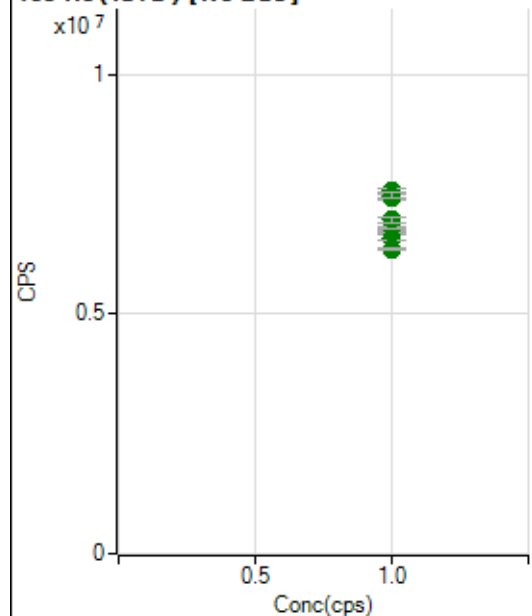
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		340800.06		P	6.2
2	☐	1.000					
3	☐	1.000		365750.83		P	0.5
4	☐	1.000		360278.10		P	3.2
5	☐	1.000		363463.17		P	0.3
6	☐	1.000		356191.67		P	0.5
7	☐	1.000		340385.98		P	0.8
8	☐	1.000		306552.78		P	7.6
9	☐	1.000		329943.64		P	0.7



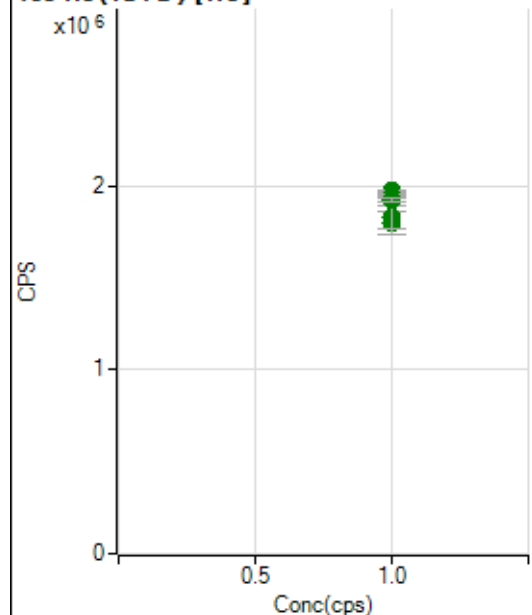
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6812944.35		A	0.2
2	☐	1.000					
3	☐	1.000		7016742.67		A	0.3
4	☐	1.000		7193515.38		A	0.7
5	☐	1.000		7254431.00		A	0.5
6	☐	1.000		7314683.36		A	1.2
7	☐	1.000		7808931.34		A	0.3
8	☐	1.000		8030565.30		A	0.1
9	☐	1.000		7902289.26		A	1.3

159 Tb (ISTD) [He]

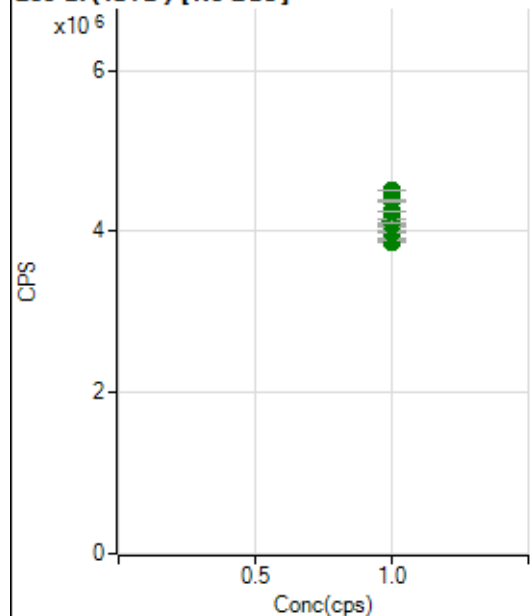
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1766943.90		A	6.8
2	☐	1.000					
3	☐	1.000		1927870.13		A	0.9
4	☐	1.000		1902666.53		A	3.7
5	☐	1.000		1947398.67		A	0.8
6	☐	1.000		1930695.46		A	0.5
7	☐	1.000		1906119.24		A	0.3
8	☐	1.000		1798340.49		A	7.3
9	☐	1.000		1897584.57		A	0.4

165 Ho (ISTD) [No Gas]

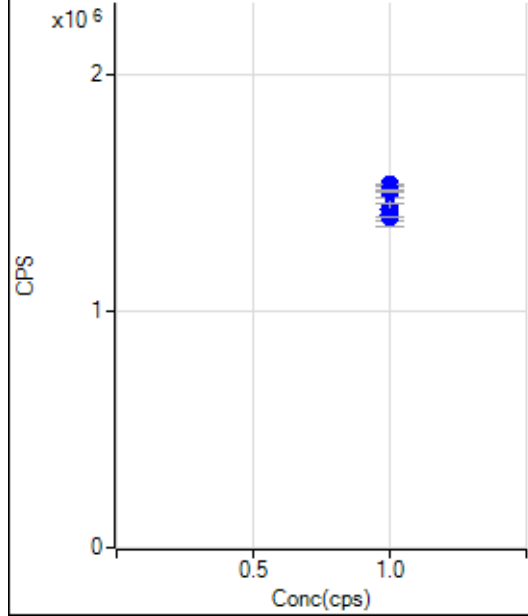
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6349026.57		A	0.7
2	☐	1.000					
3	☐	1.000		6594726.67		A	1.6
4	☐	1.000		6715039.21		A	0.3
5	☐	1.000		6800665.08		A	0.9
6	☐	1.000		6959424.29		A	1.8
7	☐	1.000		7412204.25		A	0.6
8	☐	1.000		7564950.17		A	1.3
9	☐	1.000		7477085.67		A	1.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1800037.35		A	6.7
2	☐	1.000					
3	☐	1.000		1950908.90		A	1.0
4	☐	1.000		1937832.82		A	2.6
5	☐	1.000		1966480.96		A	1.0
6	☐	1.000		1971095.27		A	0.3
7	☐	1.000		1948192.70		A	0.4
8	☐	1.000		1831615.16		A	6.7
9	☐	1.000		1924938.96		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3869150.22		A	0.2
2	☐	1.000					
3	☐	1.000		3900947.86		A	0.3
4	☐	1.000		3988600.50		A	0.7
5	☐	1.000		4073337.54		A	0.4
6	☐	1.000		4123668.86		A	1.2
7	☐	1.000		4387649.48		A	0.7
8	☐	1.000		4502501.01		A	0.2
9	☐	1.000		4244596.33		A	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1428605.15		P	6.7
2	☐	1.000					
3	☐	1.000		1502597.30		P	0.3
4	☐	1.000		1505807.84		P	3.3
5	☐	1.000		1528886.09		P	0.4
6	☐	1.000		1531517.72		P	0.6
7	☐	1.000		1507770.98		P	0.3
8	☐	1.000		1401266.61		P	7.0
9	☐	1.000		1397925.80		P	0.3

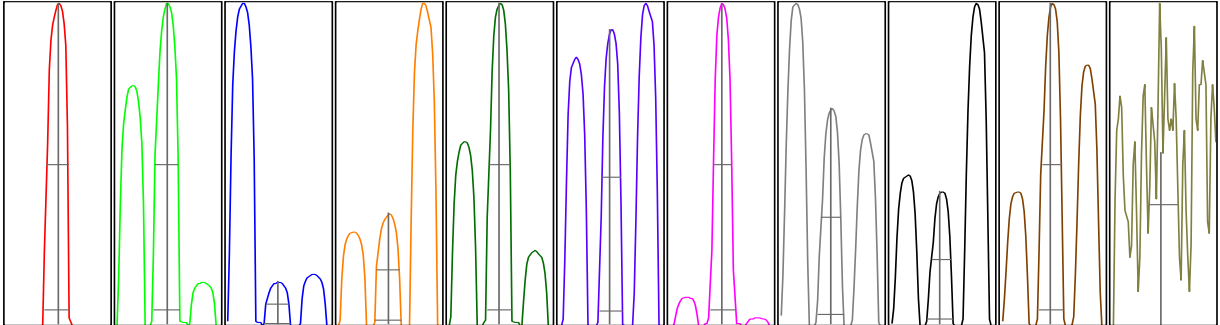
US EPA Tune Check Sample Report

Batch Folder D:\P8090817 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	10027	1.15	5.00	
24	76772	0.70	5.00	
25	10244	0.51	5.00	
26	12011	0.43	5.00	
59	95605	0.76	5.00	
113	11429	0.85	5.00	
115	139509	0.52	5.00	
206	25451	1.30	5.00	
207	22515	1.45	5.00	
208	54539	1.20	5.00	
220	2	14.41		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	9837	10061	10014	10083	10139
24	75847	77225	77078	76842	76865
25	10192	10234	10211	10256	10326
26	11944	12069	11973	12029	12041
59	94370	95848	95640	95899	96269
113	11312	11428	11356	11539	11508
115	139104	140125	139202	138709	140404
206	24985	25425	25379	25568	25897
207	22237	22451	22226	22657	23005
208	53797	54287	54327	54742	55541
220	2	1	1	2	2

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	16748	9.05	8.9 - 9.1		0.737	0.900	
24	122781	24.00	23.9 - 24.1		0.788	0.900	
25	16561	25.00	24.9 - 25.1		0.755	0.900	
26	19748	26.00	25.9 - 26.1		0.742	0.900	
59	161568	59.00	58.9 - 59.1		0.741	0.900	
113	21142	113.00	112.9 - 113.1		0.689	0.900	
115	259267	115.05	114.9 - 115.1		0.731	0.900	
206	46601	206.00	205.9 - 206.1		0.769	0.900	
207	41303	206.95	206.9 - 207.1		0.739	0.900	
208	99755	207.95	207.9 - 208.1		0.738	0.900	
220	2	219.95	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	13.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-120	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14003	0.82	
89	3241	0.89	
205	17403	0.88	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	13843	14115	14098	13935	14021
89	3207	3253	3281	3240	3221
205	17167	17530	17541	17426	17349

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.6	V	Deflect	1.8	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-120	V	Cell Exit	-60	V			

Cell Parameters

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

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.76	-1.59	-0.16	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	135-1	0.02	0.00	-0.02	0.00	N/A	ppb
Barium	137-1	0.02	0.01	-0.02	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.08	0.25	-0.17	0.00	N/A	ppb
Boron	11-1	0.09	-0.05	-0.04	0.00	N/A	ppb
Cadmium	111-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Cadmium	106-1	-0.09	-0.28	0.37	0.00	N/A	ppb
Cadmium	108-1	0.10	-0.01	-0.09	0.00	N/A	ppb
Calcium	43-1	2.68	3.47	-6.15	0.00	N/A	ppb
Calcium	44-1	-1.52	0.82	0.70	0.00	N/A	ppb
Chromium	52-2	-0.07	0.02	0.05	0.00	N/A	ppb
Cobalt	59-2	0.00	-0.02	0.02	0.00	N/A	ppb
Copper	63-2	0.02	-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	-0.20	-0.22	0.41	0.00	N/A	ppb
Iron	57-2	0.40	-0.13	-0.27	0.00	N/A	ppb
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.01	0.00	-0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-1.60	1.50	0.10	0.00	N/A	ppb
Manganese	55-2	0.02	-0.08	0.06	0.00	N/A	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.02	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.02	0.00	-0.02	0.00	N/A	ppb
Molybdenum	97-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.06	0.10	0.00	N/A	ppb
Phosphorus	31-2	4.55	-10.09	9.05	1.17	854.53	ppb
Potassium	39-2	-3.78	-5.61	9.40	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-1.55	-1.55	3.10	0.00	N/A	ppb
Selenium	78-2	-0.23	1.12	-0.89	0.00	N/A	ppb
Selenium	82-1	-0.09	-0.63	0.72	0.00	N/A	ppb
Silicon	28-1	-0.81	3.02	-2.21	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	-8.42	-1.96	10.39	0.00	N/A	ppb
Strontium	86-1	-0.06	0.04	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	106.79	271.06	173.17	183.67	44.99	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	-0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.01	-0.01	0.00	N/A	ppb
Tin	118-1	0.01	-0.01	0.00	0.00	N/A	ppb
Titanium	47-1	-0.03	-0.05	0.08	0.00	N/A	ppb
Uranium	238-1	0.03	-0.01	-0.02	0.00	N/A	ppb
Vanadium	51-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.09	0.04	0.05	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	-0.01	0.00	N/A	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.32	13.74	18.15	17.74	21.47	ppb
Antimony	121-1	2.03	1.91	1.99	1.98	3.27	ppb
Arsenic	75-2	0.84	0.80	0.90	0.85	6.28	ppb
Barium	135-1	8.86	8.79	8.81	8.82	0.41	ppb
Barium	137-1	9.24	9.14	8.92	9.10	1.77	ppb
Beryllium	9-1	0.87	0.90	0.71	0.83	12.69	ppb
Bismuth	209-1				101		%
Bismuth	209-2				105		%
Boron	10-1	21.12	20.44	21.72	21.09	3.04	ppb
Boron	11-1	20.24	20.62	20.98	20.62	1.79	ppb
Cadmium	111-1	1.01	0.87	0.96	0.95	7.60	ppb
Cadmium	106-1	1.15	-0.14	1.45	0.82	103.41	ppb
Cadmium	108-1	0.97	0.66	1.17	0.93	27.01	ppb
Calcium	43-1	409.01	435.08	420.07	421.39	3.11	ppb
Calcium	44-1	423.43	432.47	425.47	427.12	1.11	ppb
Chromium	52-2	1.68	1.90	1.57	1.72	9.81	ppb
Cobalt	59-2	0.85	0.82	0.82	0.83	1.93	ppb
Copper	63-2	1.91	2.00	1.97	1.96	2.47	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				108		%
Indium	115-1				103		%
Indium	115-2				107		%
Iron	56-2	44.31	43.14	43.84	43.77	1.35	ppb
Iron	57-2	45.18	43.39	39.34	42.64	7.02	ppb
Lead	206-1	1.06	1.09	1.07	1.07	1.09	ppb
Lead	207-1	1.17	1.07	1.12	1.12	4.58	ppb
Lead	208-1	1.09	1.07	1.06	1.07	1.27	ppb
Lithium	6-1				102		%
Magnesium	24-2	418.23	416.43	408.53	414.40	1.25	ppb
Manganese	55-2	0.98	1.15	0.74	0.96	21.62	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.77	1.78	1.91	1.82	4.49	ppb
Molybdenum	95-1	4.09	4.09	4.31	4.16	3.01	ppb
Molybdenum	96-1	3.48	3.49	3.62	3.53	2.17	ppb
Molybdenum	97-1	4.13	4.09	4.39	4.21	3.78	ppb
Molybdenum	98-1	4.13	4.24	4.37	4.25	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.73	0.89	0.92	0.85	12.26	ppb
Phosphorus	31-2	18.31	3.81	-25.63	-1.17		ppb
Potassium	39-2	420.63	426.55	401.41	416.19	3.16	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	14.71	-1.55	-1.55	3.87	242.55	ppb
Selenium	78-2	3.01	7.48	6.18	5.56	41.38	ppb
Selenium	82-1	5.78	5.02	5.04	5.28	8.20	ppb
Silicon	28-1	4.05	6.76	8.19	6.33	33.27	ppb
Silver	109-1	1.29	1.30	1.28	1.29	0.55	ppb
Silver	107-1	1.30	1.21	1.31	1.27	4.39	ppb
Sodium	23-2	414.92	412.91	429.61	419.15	2.18	ppb
Strontium	86-1	0.95	0.83	0.81	0.86	8.84	ppb
Strontium	88-1	0.89	0.89	0.89	0.89	0.18	ppb
Sulfur	34-1	-420.65	-68.06	-62.31	-183.67		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	0.92	0.81	0.89	0.88	6.39	ppb
Thallium	205-1	0.87	0.81	0.91	0.86	5.93	ppb
Tin	118-1	4.63	4.52	4.64	4.60	1.43	ppb
Titanium	47-1	4.23	4.60	4.54	4.46	4.50	ppb
Uranium	238-1	0.79	0.77	0.83	0.80	3.44	ppb
Vanadium	51-2	4.04	4.33	4.06	4.14	3.98	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	1.73	2.07	2.03	1.94	9.63	ppb
Zirconium	90-1	0.84	0.82	0.85	0.84	2.02	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.83	0.80	0.83	0.82	2.34	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	973.00	967.49	997.34	979.28	1.62	ppb
Antimony	121-1	52.39	52.44	51.55	52.13	0.96	ppb
Arsenic	75-2	49.17	48.72	49.88	49.26	1.19	ppb
Barium	135-1	259.94	261.30	259.81	260.35	0.32	ppb
Barium	137-1	263.01	261.67	260.76	261.81	0.43	ppb
Beryllium	9-1	50.58	50.91	51.61	51.04	1.03	ppb
Bismuth	209-1				103		%
Bismuth	209-2				105		%
Boron	10-1	49.31	45.98	52.60	49.30	6.71	ppb
Boron	11-1	48.31	50.06	50.64	49.67	2.44	ppb
Cadmium	111-1	54.80	54.06	53.77	54.21	0.99	ppb
Cadmium	106-1	52.84	53.37	53.90	53.37	0.99	ppb
Cadmium	108-1	53.62	54.44	51.89	53.32	2.44	ppb
Calcium	43-1	4883.51	4960.29	4872.26	4905.35	0.98	ppb
Calcium	44-1	5021.71	5039.37	4998.24	5019.77	0.41	ppb
Chromium	52-2	48.48	48.18	51.75	49.47	4.00	ppb
Cobalt	59-2	48.51	49.31	51.52	49.78	3.13	ppb
Copper	63-2	97.10	98.71	103.91	99.91	3.57	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				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	2594.73	2600.15	2784.08	2659.65	4.05	ppb
Iron	57-2	2499.39	2544.80	2720.37	2588.19	4.51	ppb
Lead	206-1	49.47	48.68	49.24	49.13	0.83	ppb
Lead	207-1	49.30	48.99	49.14	49.14	0.32	ppb
Lead	208-1	49.67	49.17	49.46	49.43	0.52	ppb
Lithium	6-1				105		%
Magnesium	24-2	4950.32	4924.08	5223.32	5032.57	3.29	ppb
Manganese	55-2	97.16	98.44	107.61	101.07	5.64	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	49.91	49.56	49.79	49.75	0.36	ppb
Molybdenum	95-1	49.40	49.82	49.44	49.55	0.48	ppb
Molybdenum	96-1	48.77	49.22	48.21	48.73	1.04	ppb
Molybdenum	97-1	50.18	48.92	49.18	49.43	1.35	ppb
Molybdenum	98-1	49.29	49.49	49.49	49.42	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.33	50.43	52.20	50.66	2.86	ppb
Phosphorus	31-2	986.44	929.91	1217.57	1044.64	14.59	ppb
Potassium	39-2	2558.85	2520.51	2713.53	2597.63	3.93	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	30.32	58.62	57.49	48.81	32.83	ppb
Selenium	78-2	63.42	46.57	53.71	54.57	15.51	ppb
Selenium	82-1	51.97	52.50	53.67	52.72	1.65	ppb
Silicon	28-1	63.26	65.05	63.93	64.08	1.41	ppb
Silver	109-1	55.24	54.89	54.67	54.93	0.52	ppb
Silver	107-1	55.76	54.93	54.52	55.07	1.14	ppb
Sodium	23-2	4886.38	4856.46	5208.62	4983.82	3.92	ppb
Strontium	86-1	50.02	50.16	50.26	50.15	0.25	ppb
Strontium	88-1	50.92	50.51	50.41	50.61	0.54	ppb
Sulfur	34-1	1128.05	1261.87	1163.08	1184.33	5.86	ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	49.66	49.06	50.24	49.65	1.19	ppb
Thallium	205-1	50.13	49.91	50.23	50.09	0.33	ppb
Tin	118-1	53.35	52.36	52.12	52.61	1.24	ppb
Titanium	47-1	52.30	50.65	50.12	51.02	2.23	ppb
Uranium	238-1	47.25	47.86	48.08	47.73	0.90	ppb
Vanadium	51-2	48.92	48.84	51.63	49.79	3.19	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	100.40	103.21	111.66	105.09	5.58	ppb
Zirconium	90-1	50.00	49.54	49.63	49.72	0.49	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	49.63	49.59	50.41	49.87	0.93	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2441.18	2459.99	2385.71	2428.96	1.59	ppb
Antimony	121-1	131.83	132.44	131.25	131.84	0.45	ppb
Arsenic	75-2	121.80	123.77	119.96	121.84	1.57	ppb
Barium	135-1	658.52	660.14	654.66	657.77	0.43	ppb
Barium	137-1	671.25	674.43	657.95	667.88	1.31	ppb
Beryllium	9-1	130.29	129.70	130.44	130.15	0.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	126.89	122.05	129.75	126.23	3.08	ppb
Boron	11-1	125.56	129.14	128.79	127.83	1.54	ppb
Cadmium	111-1	136.98	137.12	134.60	136.23	1.04	ppb
Cadmium	106-1	139.83	136.64	137.13	137.87	1.25	ppb
Cadmium	108-1	137.80	138.65	133.37	136.61	2.07	ppb
Calcium	43-1	12453.04	12335.54	12334.82	12374.47	0.55	ppb
Calcium	44-1	12489.99	12468.53	12309.26	12422.59	0.79	ppb
Chromium	52-2	123.76	122.19	121.46	122.47	0.96	ppb
Cobalt	59-2	122.81	121.83	122.18	122.28	0.41	ppb
Copper	63-2	247.62	244.73	244.69	245.68	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				107		%
Holmium	165-2				109		%
Indium	115-1				106		%
Indium	115-2				107		%
Iron	56-2	6470.75	6478.16	6453.38	6467.43	0.20	ppb
Iron	57-2	6442.98	6409.48	6421.45	6424.63	0.26	ppb
Lead	206-1	124.52	122.96	124.53	124.00	0.73	ppb
Lead	207-1	124.47	122.94	124.67	124.03	0.76	ppb
Lead	208-1	124.61	123.71	125.23	124.52	0.61	ppb
Lithium	6-1				104		%
Magnesium	24-2	12410.81	12232.92	12255.93	12299.88	0.79	ppb
Manganese	55-2	250.51	248.79	248.71	249.34	0.41	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	126.70	126.75	124.50	125.98	1.02	ppb
Molybdenum	95-1	125.55	125.91	124.39	125.28	0.63	ppb
Molybdenum	96-1	123.35	122.85	122.35	122.85	0.41	ppb
Molybdenum	97-1	124.00	124.02	123.22	123.75	0.37	ppb
Molybdenum	98-1	123.24	123.87	123.41	123.51	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	125.23	125.19	124.49	124.97	0.33	ppb
Phosphorus	31-2	2402.63	2266.09	2561.17	2409.96	6.13	ppb
Potassium	39-2	6365.70	6374.07	6338.07	6359.28	0.30	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	143.78	146.75	176.07	155.53	11.47	ppb
Selenium	78-2	130.78	131.74	139.16	133.89	3.42	ppb
Selenium	82-1	130.97	130.40	129.27	130.21	0.67	ppb
Silicon	28-1	135.78	140.02	131.50	135.77	3.14	ppb
Silver	109-1	137.88	139.04	135.77	137.56	1.21	ppb
Silver	107-1	138.27	138.59	137.39	138.08	0.45	ppb
Sodium	23-2	12642.91	12589.19	12557.92	12596.67	0.34	ppb
Strontium	86-1	126.45	125.55	123.31	125.10	1.29	ppb
Strontium	88-1	127.81	130.65	127.94	128.80	1.25	ppb
Sulfur	34-1	2945.31	2860.42	2748.49	2851.41	3.46	ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	123.55	123.69	125.92	124.39	1.07	ppb
Thallium	205-1	126.33	124.61	127.99	126.31	1.34	ppb
Tin	118-1	131.42	133.48	130.84	131.91	1.05	ppb
Titanium	47-1	125.96	128.83	128.87	127.89	1.30	ppb
Uranium	238-1	124.42	123.95	124.21	124.19	0.19	ppb
Vanadium	51-2	123.97	122.00	122.41	122.79	0.85	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	255.45	255.64	253.56	254.88	0.45	ppb
Zirconium	90-1	126.92	127.59	127.21	127.24	0.26	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	126.18	126.20	124.07	125.48	0.98	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4824.27	4778.87	4878.35	4827.16	1.03	ppb
Antimony	121-1	274.30	267.18	268.09	269.86	1.44	ppb
Arsenic	75-2	243.70	241.08	241.14	241.97	0.62	ppb
Barium	135-1	1348.73	1341.24	1334.87	1341.61	0.52	ppb
Barium	137-1	1351.65	1328.04	1331.73	1337.14	0.95	ppb
Beryllium	9-1	262.73	253.11	256.31	257.38	1.90	ppb
Bismuth	209-1				107		%
Bismuth	209-2				107		%
Boron	10-1	257.67	255.57	260.42	257.89	0.94	ppb
Boron	11-1	254.04	251.00	256.32	253.78	1.05	ppb
Cadmium	111-1	273.29	268.71	270.19	270.73	0.86	ppb
Cadmium	106-1	276.59	272.42	271.23	273.41	1.03	ppb
Cadmium	108-1	270.71	270.50	270.58	270.60	0.04	ppb
Calcium	43-1	25279.70	24590.98	24480.61	24783.76	1.75	ppb
Calcium	44-1	24881.31	24514.99	24199.28	24531.86	1.39	ppb
Chromium	52-2	243.01	242.44	246.86	244.11	0.98	ppb
Cobalt	59-2	242.37	238.66	244.77	241.93	1.27	ppb
Copper	63-2	486.27	478.24	485.83	483.45	0.93	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				110		%
Holmium	165-2				110		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	12560.30	12474.70	12670.60	12568.53	0.78	ppb
Iron	57-2	12682.02	12648.64	12691.23	12673.96	0.18	ppb
Lead	206-1	253.23	251.72	251.84	252.26	0.33	ppb
Lead	207-1	253.46	249.97	248.97	250.80	0.94	ppb
Lead	208-1	256.74	254.77	251.22	254.24	1.10	ppb
Lithium	6-1				104		%
Magnesium	24-2	24731.55	24268.06	25080.39	24693.33	1.65	ppb
Manganese	55-2	491.49	481.14	492.85	488.49	1.31	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	259.76	256.27	258.45	258.16	0.68	ppb
Molybdenum	95-1	257.99	250.60	252.38	253.66	1.52	ppb
Molybdenum	96-1	252.04	243.68	246.16	247.30	1.74	ppb
Molybdenum	97-1	253.62	245.50	249.74	249.62	1.63	ppb
Molybdenum	98-1	253.00	247.34	253.70	251.35	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	245.23	244.38	249.12	246.24	1.03	ppb
Phosphorus	31-2	4411.07	5055.58	5458.95	4975.20	10.62	ppb
Potassium	39-2	12452.53	12447.92	12671.95	12524.13	1.02	ppb
Rhodium	103-1				104		%
Rhodium	103-2				106		%
Scandium	45-1				103		%
Scandium	45-2				107		%
Selenium	77-2	271.24	312.33	252.36	278.64	11.00	ppb
Selenium	78-2	275.11	246.76	225.65	249.17	9.96	ppb
Selenium	82-1	261.49	249.82	258.75	256.68	2.38	ppb
Silicon	28-1	276.50	267.91	273.51	272.64	1.60	ppb
Silver	109-1	278.50	274.04	274.39	275.64	0.90	ppb
Silver	107-1	280.80	275.91	275.32	277.35	1.08	ppb
Sodium	23-2	24679.87	24547.74	25112.57	24780.06	1.19	ppb
Strontium	86-1	254.80	251.13	252.79	252.91	0.73	ppb
Strontium	88-1	262.18	253.27	258.02	257.82	1.73	ppb
Sulfur	34-1	5516.27	5027.57	5182.10	5241.98	4.77	ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	255.55	254.63	253.37	254.51	0.43	ppb
Thallium	205-1	261.93	261.44	261.85	261.74	0.10	ppb
Tin	118-1	268.92	265.13	263.70	265.91	1.01	ppb
Titanium	47-1	259.48	254.11	253.93	255.84	1.23	ppb
Uranium	238-1	255.17	252.28	245.66	251.04	1.94	ppb
Vanadium	51-2	241.48	241.50	245.16	242.71	0.87	ppb
Yttrium	89-1				105		%
Yttrium	89-2				106		%
Zinc	66-2	499.77	488.76	503.46	497.33	1.54	ppb
Zirconium	90-1	260.56	254.07	256.32	256.98	1.28	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	258.75	249.38	249.59	252.57	2.12	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9437.91	9503.58	9492.63	9478.04	0.37	ppb
Antimony	121-1	508.79	512.01	512.99	511.26	0.43	ppb
Arsenic	75-2	487.26	493.52	484.60	488.46	0.94	ppb
Barium	135-1	2554.27	2567.82	2553.03	2558.37	0.32	ppb
Barium	137-1	2558.75	2535.57	2543.75	2546.02	0.46	ppb
Beryllium	9-1	499.22	497.25	499.41	498.63	0.24	ppb
Bismuth	209-1				113		%
Bismuth	209-2				106		%
Boron	10-1	502.21	505.21	518.01	508.47	1.65	ppb
Boron	11-1	492.61	500.35	504.79	499.25	1.24	ppb
Cadmium	111-1	505.96	511.87	511.14	509.66	0.63	ppb
Cadmium	106-1	510.33	516.43	510.12	512.29	0.70	ppb
Cadmium	108-1	516.35	508.32	506.16	510.28	1.05	ppb
Calcium	43-1	48629.22	49400.40	49005.11	49011.58	0.79	ppb
Calcium	44-1	48477.22	48890.43	49175.13	48847.59	0.72	ppb
Chromium	52-2	479.60	482.03	481.17	480.94	0.26	ppb
Cobalt	59-2	477.56	477.74	477.34	477.55	0.04	ppb
Copper	63-2	975.27	972.72	968.63	972.21	0.34	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				117		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	25136.80	25189.67	24878.74	25068.40	0.66	ppb
Iron	57-2	25064.02	24953.43	24880.39	24965.94	0.37	ppb
Lead	206-1	504.94	508.40	504.74	506.03	0.41	ppb
Lead	207-1	501.66	505.39	503.07	503.37	0.37	ppb
Lead	208-1	507.61	507.26	506.14	507.00	0.15	ppb
Lithium	6-1				107		%
Magnesium	24-2	50752.42	49942.58	50775.16	50490.05	0.94	ppb
Manganese	55-2	965.65	966.96	962.78	965.13	0.22	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	507.21	510.57	498.60	505.46	1.22	ppb
Molybdenum	95-1	505.00	510.02	500.63	505.22	0.93	ppb
Molybdenum	96-1	505.76	508.95	498.97	504.56	1.01	ppb
Molybdenum	97-1	492.80	498.36	490.08	493.75	0.86	ppb
Molybdenum	98-1	503.16	508.71	496.51	502.79	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.57	482.82	486.00	484.79	0.36	ppb
Phosphorus	31-2	8791.98	10006.98	9730.23	9509.73	6.70	ppb
Potassium	39-2	24514.29	24608.46	24389.28	24504.01	0.45	ppb
Rhodium	103-1				105		%
Rhodium	103-2				104		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	422.94	499.23	490.97	471.05	8.89	ppb
Selenium	78-2	533.32	488.99	491.94	504.75	4.91	ppb
Selenium	82-1	502.29	504.01	496.47	500.92	0.79	ppb
Silicon	28-1	503.05	508.22	517.77	509.68	1.47	ppb
Silver	109-1	520.66	521.47	516.00	519.38	0.57	ppb
Silver	107-1	523.15	522.44	515.16	520.25	0.85	ppb
Sodium	23-2	49248.97	48742.06	49271.15	49087.39	0.61	ppb
Strontium	86-1	495.48	495.07	495.21	495.25	0.04	ppb
Strontium	88-1	502.97	504.92	498.97	502.29	0.60	ppb
Sulfur	34-1	9710.48	9907.36	9709.44	9775.76	1.17	ppb
Terbium	159-1				115		%
Terbium	159-2				108		%
Thallium	203-1	516.97	506.97	500.65	508.19	1.62	ppb
Thallium	205-1	508.96	505.70	498.30	504.32	1.08	ppb
Tin	118-1	503.62	513.64	515.85	511.04	1.28	ppb
Titanium	47-1	499.86	502.10	502.58	501.51	0.29	ppb
Uranium	238-1	492.51	497.22	492.60	494.11	0.55	ppb
Vanadium	51-2	483.80	484.37	481.26	483.15	0.34	ppb
Yttrium	89-1				107		%
Yttrium	89-2				102		%
Zinc	66-2	981.93	980.43	971.96	978.11	0.55	ppb
Zirconium	90-1	502.51	502.77	503.79	503.02	0.13	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	507.43	507.95	496.45	503.94	1.29	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:27:32	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19236.80	21725.23	19370.46	20110.83	6.96	ppb
Antimony	121-1	987.73	993.12	984.48	988.44	0.44	ppb
Arsenic	75-2	958.90	1103.84	961.89	1008.21	8.22	ppb
Barium	135-1	4939.97	4947.72	4942.21	4943.30	0.08	ppb
Barium	137-1	4946.55	4940.56	4960.65	4949.26	0.21	ppb
Beryllium	9-1	998.08	993.69	1002.66	998.14	0.45	ppb
Bismuth	209-1				116		%
Bismuth	209-2				98		%
Boron	10-1	976.29	990.16	1014.87	993.77	1.97	ppb
Boron	11-1	982.38	991.94	1023.28	999.20	2.14	ppb
Cadmium	111-1	987.22	989.42	988.48	988.37	0.11	ppb
Cadmium	106-1	994.26	974.99	989.42	986.22	1.02	ppb
Cadmium	108-1	992.56	981.33	990.40	988.10	0.60	ppb
Calcium	43-1	100132.04	99735.10	98919.59	99595.58	0.62	ppb
Calcium	44-1	97890.46	97020.05	97901.81	97604.11	0.52	ppb
Chromium	52-2	962.18	1101.67	970.20	1011.35	7.74	ppb
Cobalt	59-2	963.97	1095.60	981.22	1013.60	7.06	ppb
Copper	63-2	1903.29	2215.36	1937.08	2018.58	8.48	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				119		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				90		%
Iron	56-2	49845.62	57204.12	50362.17	52470.64	7.83	ppb
Iron	57-2	49574.36	56673.01	50242.22	52163.19	7.51	ppb
Lead	206-1	998.83	996.28	994.66	996.59	0.21	ppb
Lead	207-1	995.34	1000.49	999.00	998.28	0.27	ppb
Lead	208-1	992.24	998.52	995.82	995.53	0.32	ppb
Lithium	6-1				106		%
Magnesium	24-2	99816.85	115216.95	101451.02	105494.94	8.02	ppb
Manganese	55-2	1915.94	2210.98	1934.10	2020.34	8.18	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:27:32	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	990.98	989.32	1005.09	995.13	0.87	ppb
Molybdenum	95-1	996.22	985.45	1007.74	996.47	1.12	ppb
Molybdenum	96-1	991.02	996.35	1008.84	998.74	0.92	ppb
Molybdenum	97-1	997.52	1001.88	1010.83	1003.41	0.68	ppb
Molybdenum	98-1	996.55	994.86	1004.06	998.49	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	956.22	1102.30	967.02	1008.51	8.07	ppb
Phosphorus	31-2	18724.15	22670.22	19386.70	20260.36	10.43	ppb
Potassium	39-2	48686.08	56105.94	49099.12	51297.05	8.13	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				96		%
Selenium	77-2	874.03	1162.21	974.44	1003.56	14.58	ppb
Selenium	78-2	974.15	1083.43	931.88	996.49	7.85	ppb
Selenium	82-1	994.20	991.85	1005.18	997.08	0.71	ppb
Silicon	28-1	978.21	988.02	996.24	987.49	0.91	ppb
Silver	109-1	978.32	988.16	979.77	982.08	0.54	ppb
Silver	107-1	984.26	981.87	977.32	981.15	0.36	ppb
Sodium	23-2	97745.56	112884.83	98070.03	102900.14	8.40	ppb
Strontium	86-1	993.45	1002.66	1008.77	1001.63	0.77	ppb
Strontium	88-1	984.47	1000.05	1004.67	996.40	1.06	ppb
Sulfur	34-1	20065.87	19966.81	19962.77	19998.48	0.29	ppb
Terbium	159-1				118		%
Terbium	159-2				102		%
Thallium	203-1	989.24	1006.17	989.19	994.87	0.98	ppb
Thallium	205-1	984.51	1008.94	990.76	994.74	1.28	ppb
Tin	118-1	989.71	991.15	987.68	989.51	0.18	ppb
Titanium	47-1	985.79	1007.79	998.54	997.37	1.11	ppb
Uranium	238-1	998.86	1005.78	1004.05	1002.90	0.36	ppb
Vanadium	51-2	963.97	1106.87	960.77	1010.54	8.26	ppb
Yttrium	89-1				106		%
Yttrium	89-2				94		%
Zinc	66-2	1917.05	2191.23	1923.96	2010.75	7.78	ppb
Zirconium	90-1	986.87	996.64	1005.92	996.48	0.96	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:27:32	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	990.59	999.06	1002.34	997.33	0.61	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101358.88	98106.16	100656.93	100040.66	1.71	ppb
Antimony	121-1	2.42	2.32	2.37	2.37	2.04	ppb
Arsenic	75-2	0.36	0.29	0.15	0.27	41.48	ppb
Barium	135-1	1.45	1.63	1.55	1.55	5.88	ppb
Barium	137-1	1.57	1.57	1.49	1.55	3.19	ppb
Beryllium	9-1	0.26	0.19	0.18	0.21	19.95	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	42.01	34.70	37.46	38.05	9.70	ppb
Boron	11-1	42.86	38.43	36.86	39.38	7.91	ppb
Cadmium	111-1	-0.02	0.03	-0.08	-0.03		ppb
Cadmium	106-1	-2.05	-0.81	-2.43	-1.77		ppb
Cadmium	108-1	0.07	0.34	0.14	0.18	76.47	ppb
Calcium	43-1	496761.30	500040.69	503782.12	500194.70	0.70	ppb
Calcium	44-1	498805.10	500242.42	502811.39	500619.64	0.41	ppb
Chromium	52-2	7.45	7.51	7.50	7.49	0.42	ppb
Cobalt	59-2	1.08	1.07	1.14	1.10	3.43	ppb
Copper	63-2	2.91	3.07	3.00	2.99	2.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	252056.92	246572.42	249836.38	249488.57	1.11	ppb
Iron	57-2	252869.77	246433.75	249366.95	249556.82	1.29	ppb
Lead	206-1	1.65	1.63	1.72	1.67	2.78	ppb
Lead	207-1	1.52	1.58	1.56	1.56	1.86	ppb
Lead	208-1	1.62	1.59	1.59	1.60	1.11	ppb
Lithium	6-1				104		%
Magnesium	24-2	502248.81	494105.37	500262.13	498872.10	0.85	ppb
Manganese	55-2	6.58	6.45	6.79	6.60	2.61	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.59	0.54	0.58	0.57	4.61	ppb
Molybdenum	95-1	1.36	1.45	1.48	1.43	4.37	ppb
Molybdenum	96-1	1.49	1.55	1.60	1.55	3.66	ppb
Molybdenum	97-1	1.29	1.48	1.38	1.38	7.13	ppb
Molybdenum	98-1	1.37	1.36	1.46	1.40	4.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.72	3.17	3.42	3.44	7.99	ppb
Phosphorus	31-2	-25.63	-9.95	-9.84	-15.14		ppb
Potassium	39-2	250238.30	248539.02	250579.01	249785.44	0.44	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	0.50	1.17	0.48	0.71	54.88	ppb
Selenium	82-1	1.66	0.29	0.55	0.83	87.84	ppb
Silicon	28-1	19.39	18.74	20.01	19.38	3.28	ppb
Silver	109-1	0.10	0.09	0.08	0.09	11.91	ppb
Silver	107-1	0.08	0.10	0.08	0.09	11.95	ppb
Sodium	23-2	507094.42	493057.75	498408.00	499520.06	1.42	ppb
Strontium	86-1	33.62	33.65	33.82	33.70	0.32	ppb
Strontium	88-1	34.46	34.78	34.76	34.67	0.52	ppb
Sulfur	34-1	561.87	715.56	855.15	710.86	20.64	ppb
Terbium	159-1				116		%
Terbium	159-2				107		%
Thallium	203-1	0.32	0.34	0.29	0.32	8.55	ppb
Thallium	205-1	0.33	0.34	0.29	0.32	8.88	ppb
Tin	118-1	0.82	0.85	0.83	0.83	1.89	ppb
Titanium	47-1	0.59	0.83	0.76	0.72	17.30	ppb
Uranium	238-1	0.04	0.02	0.03	0.03	44.46	ppb
Vanadium	51-2	0.25	0.28	0.25	0.26	7.45	ppb
Yttrium	89-1				105		%
Yttrium	89-2				100		%
Zinc	66-2	9.56	9.90	10.68	10.05	5.73	ppb
Zirconium	90-1	0.20	0.17	0.19	0.19	7.30	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.17	0.17	0.13	0.16	12.76	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:34:00	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	523.71	504.85	508.93	512.50	1.94	ppb
Antimony	121-1	203.79	205.38	204.09	204.42	0.41	ppb
Arsenic	75-2	190.38	193.76	193.43	192.52	0.97	ppb
Barium	135-1	102.25	100.62	101.55	101.47	0.80	ppb
Barium	137-1	103.10	103.15	103.03	103.09	0.06	ppb
Beryllium	9-1	96.80	95.92	94.73	95.82	1.08	ppb
Bismuth	209-1				110		%
Bismuth	209-2				107		%
Boron	10-1	577.20	574.24	568.04	573.16	0.82	ppb
Boron	11-1	569.97	570.12	561.89	567.32	0.83	ppb
Cadmium	111-1	106.88	108.33	108.05	107.75	0.71	ppb
Cadmium	106-1	165.59	164.50	159.37	163.15	2.04	ppb
Cadmium	108-1	139.17	140.41	137.95	139.18	0.88	ppb
Calcium	43-1	2167.50	2175.03	2112.67	2151.73	1.58	ppb
Calcium	44-1	2079.02	2082.20	2058.79	2073.34	0.61	ppb
Chromium	52-2	93.12	95.02	92.65	93.60	1.34	ppb
Cobalt	59-2	95.79	97.52	95.40	96.24	1.17	ppb
Copper	63-2	95.42	96.70	96.55	96.22	0.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	986.51	1000.41	997.35	994.75	0.73	ppb
Iron	57-2	960.14	977.13	980.05	972.44	1.11	ppb
Lead	206-1	199.02	199.26	201.84	200.04	0.78	ppb
Lead	207-1	190.59	191.66	192.37	191.54	0.47	ppb
Lead	208-1	197.34	195.83	196.80	196.66	0.39	ppb
Lithium	6-1				109		%
Magnesium	24-2	1160.27	1173.60	1156.18	1163.35	0.78	ppb
Manganese	55-2	96.74	99.63	95.59	97.32	2.14	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:34:00	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	502.94	508.29	501.02	504.08	0.75	ppb
Molybdenum	95-1	510.81	516.49	515.43	514.24	0.59	ppb
Molybdenum	96-1	511.75	513.01	506.30	510.35	0.70	ppb
Molybdenum	97-1	496.15	499.79	493.67	496.53	0.62	ppb
Molybdenum	98-1	507.18	507.89	510.40	508.49	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.14	98.80	97.95	97.96	0.85	ppb
Phosphorus	31-2	-25.63	19.15	-10.78	-5.75		ppb
Potassium	39-2	1925.58	2020.75	1931.25	1959.19	2.72	ppb
Rhodium	103-1				107		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	222.04	185.17	203.58	203.60	9.06	ppb
Selenium	78-2	193.44	187.95	209.65	197.02	5.73	ppb
Selenium	82-1	200.10	200.01	199.85	199.99	0.06	ppb
Silicon	28-1	472.32	490.83	481.71	481.62	1.92	ppb
Silver	109-1	99.04	98.70	98.50	98.75	0.28	ppb
Silver	107-1	99.61	100.61	100.26	100.16	0.51	ppb
Sodium	23-2	2054.09	2092.69	2054.50	2067.09	1.07	ppb
Strontium	86-1	501.04	506.69	500.45	502.73	0.68	ppb
Strontium	88-1	502.19	510.05	500.94	504.39	0.98	ppb
Sulfur	34-1	278.82	219.79	24.79	174.47	76.20	ppb
Terbium	159-1				110		%
Terbium	159-2				109		%
Thallium	203-1	199.09	201.66	202.81	201.19	0.95	ppb
Thallium	205-1	207.04	206.69	209.83	207.85	0.83	ppb
Tin	118-1	542.36	541.28	534.58	539.40	0.78	ppb
Titanium	47-1	514.08	514.34	504.62	511.01	1.08	ppb
Uranium	238-1	530.76	536.12	538.26	535.05	0.72	ppb
Vanadium	51-2	95.40	96.23	94.88	95.50	0.71	ppb
Yttrium	89-1				108		%
Yttrium	89-2				106		%
Zinc	66-2	195.15	199.29	197.48	197.31	1.05	ppb
Zirconium	90-1	500.03	506.24	496.64	500.97	0.97	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:34:00	DataFile Name :	012ICV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	493.80	499.86	496.10	496.59	0.62	ppb

LB Number : LB89998 Operator : Jaswal
 Lab Sample ID : ICB Instrumnet Name : P8
 Client Sample ID : ICB Dilution Factor : 1
 Date & Time Acquired :: 2017-09-08 12:38:42 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.57	-0.52	1.70	-0.13		ppb
Antimony	121-1	0.17	0.15	0.15	0.16	5.91	ppb
Arsenic	75-2	-0.03	0.06	-0.02	0.00	2462.21	ppb
Barium	135-1	-0.09	-0.09	-0.08	-0.09		ppb
Barium	137-1	-0.08	-0.06	-0.05	-0.06		ppb
Beryllium	9-1	0.00	-0.03	0.01	0.00		ppb
Bismuth	209-1				107		%
Bismuth	209-2				105		%
Boron	10-1	12.83	10.86	11.51	11.73	8.59	ppb
Boron	11-1	12.45	11.72	11.34	11.83	4.76	ppb
Cadmium	111-1	-0.12	-0.10	-0.13	-0.12		ppb
Cadmium	106-1	-1.21	-1.07	-1.48	-1.25		ppb
Cadmium	108-1	-0.02	-0.13	-0.06	-0.07		ppb
Calcium	43-1	-24.20	-11.51	-7.34	-14.35		ppb
Calcium	44-1	-2.67	-3.63	1.14	-1.72		ppb
Chromium	52-2	-0.11	-0.16	-0.16	-0.14		ppb
Cobalt	59-2	-0.05	-0.04	-0.04	-0.04		ppb
Copper	63-2	0.01	0.01	-0.02	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				108		%
Holmium	165-2				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	1.01	-0.10	-0.20	0.24	283.96	ppb
Iron	57-2	1.81	0.68	1.00	1.16	49.60	ppb
Lead	206-1	0.00	-0.01	0.01	0.00		ppb
Lead	207-1	0.01	0.01	0.00	0.00	183.35	ppb
Lead	208-1	0.02	0.01	0.02	0.02	39.43	ppb
Lithium	6-1				106		%
Magnesium	24-2	3.16	-0.53	1.49	1.37	134.40	ppb
Manganese	55-2	-0.15	-0.05	-0.03	-0.08		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:38:42	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.01	0.03	0.02	72.49	ppb
Molybdenum	95-1	0.00	0.02	0.00	0.01	187.31	ppb
Molybdenum	96-1	0.02	0.00	0.02	0.02	63.85	ppb
Molybdenum	97-1	0.01	0.01	0.04	0.02	104.14	ppb
Molybdenum	98-1	0.00	0.01	-0.01	0.00	433.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	-0.10	-0.04		ppb
Phosphorus	31-2	-9.80	-10.69	4.15	-5.45		ppb
Potassium	39-2	21.94	10.32	1.41	11.22	91.68	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.22	1.74	0.42	0.65	154.08	ppb
Selenium	82-1	0.27	0.08	-0.50	-0.05		ppb
Silicon	28-1	-11.10	-13.17	-9.99	-11.42		ppb
Silver	109-1	0.01	0.01	0.01	0.01	22.45	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.44	ppb
Sodium	23-2	55.41	50.85	42.69	49.65	12.98	ppb
Strontium	86-1	-0.05	0.05	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	134.75	ppb
Sulfur	34-1	-291.20	-99.53	-5.87	-132.20		ppb
Terbium	159-1				108		%
Terbium	159-2				108		%
Thallium	203-1	0.00	0.02	0.02	0.01	89.16	ppb
Thallium	205-1	0.01	0.00	0.01	0.01	46.34	ppb
Tin	118-1	0.19	0.22	0.27	0.23	17.83	ppb
Titanium	47-1	-0.04	-0.08	0.00	-0.04		ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%
Zinc	66-2	0.03	-0.20	-0.16	-0.11		ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	17.68	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:38:42	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.01	0.02	0.02	39.71	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89174.75	88952.23	88629.90	88918.96	0.31	ppb
Antimony	121-1	1.23	1.33	1.23	1.26	4.47	ppb
Arsenic	75-2	0.25	0.31	0.34	0.30	16.75	ppb
Barium	135-1	1.48	1.62	1.41	1.50	6.89	ppb
Barium	137-1	1.54	1.38	1.50	1.47	5.62	ppb
Beryllium	9-1	0.26	0.19	0.22	0.22	14.93	ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	14.37	12.62	13.77	13.59	6.51	ppb
Boron	11-1	12.08	13.85	12.55	12.83	7.16	ppb
Cadmium	111-1	0.17	0.11	0.24	0.17	39.13	ppb
Cadmium	106-1	-1.55	-0.99	-2.33	-1.62		ppb
Cadmium	108-1	8.12	7.31	7.28	7.57	6.34	ppb
Calcium	43-1	98411.59	96867.66	97538.73	97605.99	0.79	ppb
Calcium	44-1	95696.58	96536.30	94949.06	95727.32	0.83	ppb
Chromium	52-2	18.55	18.64	19.18	18.79	1.80	ppb
Cobalt	59-2	1.01	0.99	0.99	0.99	0.95	ppb
Copper	63-2	7.51	7.30	7.34	7.38	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				114		%
Holmium	165-2				109		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	98629.40	97507.24	96666.57	97601.07	1.01	ppb
Iron	57-2	99505.80	98950.12	99490.19	99315.37	0.32	ppb
Lead	206-1	4.74	4.56	4.44	4.58	3.24	ppb
Lead	207-1	4.06	3.93	3.93	3.97	1.89	ppb
Lead	208-1	4.25	4.21	4.15	4.20	1.21	ppb
Lithium	6-1				104		%
Magnesium	24-2	97847.08	97196.26	97143.19	97395.51	0.40	ppb
Manganese	55-2	6.75	7.19	7.26	7.06	3.93	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	578.64	582.57	585.33	582.18	0.58	ppb
Molybdenum	95-1	1864.73	1874.12	1887.67	1875.51	0.61	ppb
Molybdenum	96-1	1559.31	1552.90	1569.98	1560.73	0.55	ppb
Molybdenum	97-1	1892.75	1874.02	1876.33	1881.03	0.54	ppb
Molybdenum	98-1	1883.75	1890.38	1903.59	1892.57	0.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.91	5.23	5.29	5.14	3.96	ppb
Phosphorus	31-2	93497.68	93098.43	93760.70	93452.27	0.36	ppb
Potassium	39-2	100001.92	99175.36	98606.35	99261.21	0.71	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	2.57	2.56	2.63	2.59	1.53	ppb
Selenium	78-2	1.09	-0.24	-0.89	-0.01		ppb
Selenium	82-1	0.01	-0.33	0.32	0.00	124955.98	ppb
Silicon	28-1	21.42	22.10	20.40	21.30	4.03	ppb
Silver	109-1	0.18	0.21	0.17	0.18	12.73	ppb
Silver	107-1	0.19	0.18	0.18	0.18	2.99	ppb
Sodium	23-2	96063.02	95750.48	95301.69	95705.06	0.40	ppb
Strontium	86-1	31.46	33.16	31.85	32.16	2.77	ppb
Strontium	88-1	32.92	32.88	32.96	32.92	0.13	ppb
Sulfur	34-1	74312.55	73217.51	73216.50	73582.18	0.86	ppb
Terbium	159-1				112		%
Terbium	159-2				109		%
Thallium	203-1	0.08	0.08	0.10	0.09	16.14	ppb
Thallium	205-1	0.07	0.09	0.10	0.08	15.74	ppb
Tin	118-1	0.24	0.31	0.24	0.26	14.99	ppb
Titanium	47-1	1938.10	1947.23	1933.39	1939.57	0.36	ppb
Uranium	238-1	-0.05	-0.04	-0.05	-0.05		ppb
Vanadium	51-2	0.11	0.15	0.16	0.14	19.82	ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	11.14	11.77	12.38	11.77	5.23	ppb
Zirconium	90-1	0.11	0.09	0.09	0.10	13.41	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.09	0.11	0.10	0.10	10.42	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86063.05	87212.54	85736.12	86337.24	0.90	ppb
Antimony	121-1	20.55	22.66	21.34	21.52	4.95	ppb
Arsenic	75-2	18.70	18.61	19.48	18.93	2.53	ppb
Barium	135-1	21.09	23.57	21.80	22.15	5.76	ppb
Barium	137-1	21.16	23.68	22.11	22.31	5.70	ppb
Beryllium	9-1	20.24	21.94	20.72	20.97	4.18	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	69.56	74.90	69.62	71.36	4.30	ppb
Boron	11-1	69.30	74.43	69.65	71.12	4.03	ppb
Cadmium	111-1	20.09	21.50	20.58	20.72	3.45	ppb
Cadmium	106-1	24.36	25.84	25.84	25.35	3.38	ppb
Cadmium	108-1	27.81	33.83	30.18	30.61	9.89	ppb
Calcium	43-1	96529.42	104321.55	97406.12	99419.03	4.29	ppb
Calcium	44-1	95634.66	102002.04	95677.35	97771.35	3.75	ppb
Chromium	52-2	37.07	37.24	36.74	37.02	0.68	ppb
Cobalt	59-2	19.33	19.93	19.36	19.54	1.72	ppb
Copper	63-2	25.80	26.25	24.94	25.66	2.59	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				110		%
Holmium	165-2				107		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	94464.09	96793.05	94577.00	95278.04	1.38	ppb
Iron	57-2	95434.41	98755.60	96917.12	97035.71	1.71	ppb
Lead	206-1	24.41	26.60	25.38	25.46	4.32	ppb
Lead	207-1	22.70	24.68	23.00	23.46	4.55	ppb
Lead	208-1	23.37	25.32	23.84	24.18	4.20	ppb
Lithium	6-1				99		%
Magnesium	24-2	93496.87	96956.15	93751.15	94734.72	2.04	ppb
Manganese	55-2	25.52	25.86	25.69	25.69	0.65	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	620.96	679.29	628.90	643.05	4.92	ppb
Molybdenum	95-1	1880.28	2058.81	1936.82	1958.64	4.66	ppb
Molybdenum	96-1	1573.31	1735.81	1626.48	1645.20	5.04	ppb
Molybdenum	97-1	1898.24	2054.06	1956.35	1969.55	4.00	ppb
Molybdenum	98-1	1891.74	2039.75	1938.97	1956.82	3.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.40	23.77	23.53	23.57	0.80	ppb
Phosphorus	31-2	90631.89	92698.73	91775.62	91702.08	1.13	ppb
Potassium	39-2	96420.19	97741.67	95703.68	96621.85	1.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	11.31	24.25	19.34	18.30	35.70	ppb
Selenium	78-2	20.36	16.30	22.49	19.72	15.95	ppb
Selenium	82-1	19.80	20.98	20.51	20.43	2.92	ppb
Silicon	28-1	86.30	101.48	90.37	92.72	8.48	ppb
Silver	109-1	18.97	20.90	19.76	19.88	4.90	ppb
Silver	107-1	19.17	21.08	19.85	20.03	4.85	ppb
Sodium	23-2	92938.06	95015.76	92358.90	93437.57	1.50	ppb
Strontium	86-1	82.83	91.32	85.23	86.46	5.06	ppb
Strontium	88-1	86.53	94.76	88.50	89.93	4.78	ppb
Sulfur	34-1	72539.49	77693.27	71971.51	74068.09	4.26	ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	19.69	21.41	20.25	20.45	4.29	ppb
Thallium	205-1	19.94	21.99	20.68	20.87	4.96	ppb
Tin	118-1	53.85	59.65	55.40	56.30	5.33	ppb
Titanium	47-1	1986.92	2134.12	2008.06	2043.04	3.90	ppb
Uranium	238-1	52.55	56.81	52.91	54.09	4.38	ppb
Vanadium	51-2	18.52	19.26	18.83	18.87	1.96	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	30.45	30.79	29.15	30.13	2.88	ppb
Zirconium	90-1	52.48	57.27	53.57	54.44	4.61	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	51.90	56.75	52.46	53.70	4.94	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48381.44	47893.87	48573.60	48282.97	0.73	ppb
Antimony	121-1	516.63	511.63	520.21	516.16	0.83	ppb
Arsenic	75-2	498.12	484.63	487.59	490.11	1.45	ppb
Barium	135-1	2612.23	2575.43	2616.49	2601.38	0.87	ppb
Barium	137-1	2573.94	2557.32	2611.11	2580.79	1.07	ppb
Beryllium	9-1	522.33	511.00	521.42	518.25	1.21	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	524.17	519.13	523.66	522.32	0.53	ppb
Boron	11-1	518.54	524.27	525.32	522.71	0.70	ppb
Cadmium	111-1	503.82	505.48	503.56	504.29	0.21	ppb
Cadmium	106-1	511.10	499.73	495.96	502.26	1.57	ppb
Cadmium	108-1	505.99	499.92	512.83	506.25	1.28	ppb
Calcium	43-1	247502.56	242428.69	247292.04	245741.10	1.17	ppb
Calcium	44-1	246968.42	241054.05	245668.02	244563.50	1.27	ppb
Chromium	52-2	487.89	490.88	487.83	488.87	0.36	ppb
Cobalt	59-2	475.53	473.93	473.93	474.46	0.19	ppb
Copper	63-2	935.45	945.35	939.14	939.98	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	121835.31	122092.65	121484.71	121804.22	0.25	ppb
Iron	57-2	124157.47	123485.49	124816.42	124153.13	0.54	ppb
Lead	206-1	522.56	515.22	508.37	515.38	1.38	ppb
Lead	207-1	522.46	510.50	512.99	515.32	1.22	ppb
Lead	208-1	523.45	514.37	513.35	517.06	1.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	245900.33	242894.05	245250.98	244681.79	0.65	ppb
Manganese	55-2	982.21	984.75	978.54	981.84	0.32	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	524.93	508.66	518.75	517.45	1.59	ppb
Molybdenum	95-1	515.86	496.66	504.38	505.63	1.91	ppb
Molybdenum	96-1	520.17	513.64	517.16	516.99	0.63	ppb
Molybdenum	97-1	505.24	488.82	498.06	497.38	1.65	ppb
Molybdenum	98-1	518.81	501.84	515.37	512.01	1.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.71	471.48	474.95	474.38	0.56	ppb
Phosphorus	31-2	9716.31	10352.01	10000.79	10023.04	3.18	ppb
Potassium	39-2	127515.85	125674.79	125621.94	126270.86	0.85	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	539.79	475.15	512.04	508.99	6.37	ppb
Selenium	78-2	553.03	524.73	503.03	526.93	4.76	ppb
Selenium	82-1	504.08	496.07	498.83	499.66	0.81	ppb
Silicon	28-1	537.18	542.24	560.13	546.52	2.21	ppb
Silver	109-1	505.75	508.15	506.44	506.78	0.24	ppb
Silver	107-1	519.94	503.61	512.81	512.12	1.60	ppb
Sodium	23-2	242782.14	241576.12	243960.04	242772.77	0.49	ppb
Strontium	86-1	517.27	507.79	514.50	513.18	0.95	ppb
Strontium	88-1	521.14	514.52	520.82	518.82	0.72	ppb
Sulfur	34-1	9164.11	8891.80	9466.45	9174.12	3.13	ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	524.63	518.06	513.05	518.58	1.12	ppb
Thallium	205-1	522.34	514.36	514.55	517.08	0.88	ppb
Tin	118-1	519.10	513.28	517.97	516.79	0.60	ppb
Titanium	47-1	508.34	502.99	509.32	506.88	0.67	ppb
Uranium	238-1	521.06	515.30	511.49	515.95	0.93	ppb
Vanadium	51-2	492.15	494.32	492.25	492.91	0.25	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	962.96	951.28	955.13	956.46	0.62	ppb
Zirconium	90-1	515.80	510.98	509.82	512.20	0.62	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	526.23	512.59	518.94	519.25	1.32	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.88	-1.65	1.58	1.27	218.96	ppb
Antimony	121-1	0.38	0.37	0.43	0.39	8.42	ppb
Arsenic	75-2	-0.07	-0.04	-0.04	-0.05		ppb
Barium	135-1	-0.08	-0.09	-0.10	-0.09		ppb
Barium	137-1	-0.07	-0.07	-0.08	-0.07		ppb
Beryllium	9-1	0.02	0.04	-0.02	0.01	234.46	ppb
Bismuth	209-1				106		%
Bismuth	209-2				109		%
Boron	10-1	15.11	15.55	14.02	14.90	5.26	ppb
Boron	11-1	14.76	14.22	12.96	13.98	6.59	ppb
Cadmium	111-1	-0.09	-0.15	-0.09	-0.11		ppb
Cadmium	106-1	-1.12	-1.80	-0.86	-1.26		ppb
Cadmium	108-1	-0.09	-0.06	0.09	-0.02		ppb
Calcium	43-1	-7.81	-29.13	-16.68	-17.88		ppb
Calcium	44-1	4.31	-2.29	1.14	1.05	314.13	ppb
Chromium	52-2	-0.20	-0.20	-0.19	-0.20		ppb
Cobalt	59-2	-0.04	-0.04	-0.06	-0.05		ppb
Copper	63-2	0.07	0.09	0.08	0.08	14.60	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				112		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	1.78	1.61	0.98	1.46	28.70	ppb
Iron	57-2	1.30	1.96	-1.52	0.58	318.15	ppb
Lead	206-1	-0.03	-0.02	0.01	-0.01		ppb
Lead	207-1	0.02	0.00	0.00	0.01	152.84	ppb
Lead	208-1	0.01	0.01	0.01	0.01	22.70	ppb
Lithium	6-1				103		%
Magnesium	24-2	2.32	-0.87	1.21	0.89	182.62	ppb
Manganese	55-2	-0.16	-0.05	-0.14	-0.12		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.05	0.05	0.03	0.04	18.07	ppb
Molybdenum	95-1	0.12	0.09	0.04	0.08	46.54	ppb
Molybdenum	96-1	0.08	0.08	0.05	0.07	26.69	ppb
Molybdenum	97-1	0.14	0.06	0.09	0.09	42.52	ppb
Molybdenum	98-1	0.09	0.08	0.06	0.07	21.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.07	-0.21	-0.14		ppb
Phosphorus	31-2	-10.85	-25.63	3.40	-11.03		ppb
Potassium	39-2	31.21	31.13	11.86	24.73	45.09	ppb
Rhodium	103-1				105		%
Rhodium	103-2				112		%
Scandium	45-1				103		%
Scandium	45-2				109		%
Selenium	77-2	-1.55	2.41	-1.55	-0.23		ppb
Selenium	78-2	-0.27	-0.26	-0.26	-0.26		ppb
Selenium	82-1	-0.90	0.57	0.39	0.02	4195.95	ppb
Silicon	28-1	-6.35	-9.84	-12.84	-9.68		ppb
Silver	109-1	0.04	0.04	0.04	0.04	6.56	ppb
Silver	107-1	0.04	0.05	0.05	0.05	12.56	ppb
Sodium	23-2	101.10	90.11	82.93	91.38	10.01	ppb
Strontium	86-1	-0.01	0.00	-0.05	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-576.22	-814.36	-726.57	-705.72		ppb
Terbium	159-1				108		%
Terbium	159-2				111		%
Thallium	203-1	0.06	0.04	0.05	0.05	26.61	ppb
Thallium	205-1	0.04	0.06	0.05	0.05	17.86	ppb
Tin	118-1	0.18	0.17	0.23	0.19	15.72	ppb
Titanium	47-1	0.04	0.07	0.03	0.05	47.82	ppb
Uranium	238-1	-0.07	-0.06	-0.07	-0.07		ppb
Vanadium	51-2	-0.02	-0.03	0.00	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.05	0.11	0.14	0.10	46.79	ppb
Zirconium	90-1	0.02	0.04	0.02	0.03	39.29	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.01	0.02	58.47	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.11	22.43	16.65	20.07	15.11	ppb
Antimony	121-1	2.10	1.98	1.89	1.99	5.50	ppb
Arsenic	75-2	0.73	0.96	0.80	0.83	13.96	ppb
Barium	135-1	9.21	9.17	9.29	9.22	0.64	ppb
Barium	137-1	9.34	9.24	8.92	9.17	2.39	ppb
Beryllium	9-1	0.86	0.85	0.80	0.84	4.14	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	29.66	29.78	30.55	29.99	1.60	ppb
Boron	11-1	30.13	28.58	28.26	28.99	3.45	ppb
Cadmium	111-1	0.83	0.75	0.85	0.81	6.94	ppb
Cadmium	106-1	-0.79	-1.01	-0.75	-0.85		ppb
Cadmium	108-1	1.49	1.02	0.85	1.12	29.36	ppb
Calcium	43-1	445.35	412.83	385.37	414.52	7.24	ppb
Calcium	44-1	426.82	425.04	425.91	425.92	0.21	ppb
Chromium	52-2	1.58	1.75	1.73	1.69	5.43	ppb
Cobalt	59-2	0.78	0.88	0.79	0.82	7.05	ppb
Copper	63-2	1.87	2.08	1.92	1.96	5.54	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				110		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	46.29	48.34	44.99	46.54	3.63	ppb
Iron	57-2	46.42	46.12	48.75	47.10	3.05	ppb
Lead	206-1	1.03	0.98	1.02	1.01	2.59	ppb
Lead	207-1	1.07	1.01	0.98	1.02	4.86	ppb
Lead	208-1	1.04	1.01	0.99	1.01	2.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	439.71	448.77	425.52	438.00	2.68	ppb
Manganese	55-2	0.85	0.83	0.91	0.87	4.76	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	1.95	1.92	1.97	1.95	1.18	ppb
Molybdenum	95-1	4.40	4.40	4.34	4.38	0.81	ppb
Molybdenum	96-1	3.72	3.59	3.59	3.63	2.07	ppb
Molybdenum	97-1	4.43	4.21	4.39	4.34	2.74	ppb
Molybdenum	98-1	4.45	4.29	4.23	4.32	2.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.87	0.73	0.70	0.77	12.04	ppb
Phosphorus	31-2	-11.12	-25.63	17.65	-6.37		ppb
Potassium	39-2	483.22	508.16	481.65	491.01	3.03	ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				108		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	9.17	5.70	5.44	6.77	30.78	ppb
Selenium	82-1	5.66	4.15	5.11	4.97	15.29	ppb
Silicon	28-1	-3.30	-4.63	-3.73	-3.89		ppb
Silver	109-1	1.36	1.25	1.30	1.30	4.20	ppb
Silver	107-1	1.30	1.33	1.32	1.32	1.26	ppb
Sodium	23-2	484.02	509.56	474.58	489.39	3.70	ppb
Strontium	86-1	0.98	1.03	0.80	0.94	12.80	ppb
Strontium	88-1	0.92	0.87	0.90	0.90	2.57	ppb
Sulfur	34-1	-571.56	-688.63	-741.13	-667.11		ppb
Terbium	159-1				107		%
Terbium	159-2				109		%
Thallium	203-1	0.95	0.92	0.90	0.92	2.64	ppb
Thallium	205-1	0.94	0.94	0.85	0.91	5.99	ppb
Tin	118-1	4.90	4.58	4.81	4.77	3.46	ppb
Titanium	47-1	4.98	4.55	4.57	4.70	5.17	ppb
Uranium	238-1	0.79	0.79	0.79	0.79	0.22	ppb
Vanadium	51-2	4.17	4.76	4.28	4.40	7.13	ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%
Zinc	66-2	1.79	1.82	1.96	1.85	4.82	ppb
Zirconium	90-1	0.92	0.90	0.86	0.89	3.15	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.90	0.83	0.87	4.21	ppb

LB Number : LB89998 Operator : Jaswal
 Lab Sample ID : PB102144BL Instrumnet Name : P8
 Client Sample ID : PBW007 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-08 12:57:15 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	-1.61	0.56	-0.53		ppb
Antimony	121-1	0.10	0.10	0.09	0.10	6.78	ppb
Arsenic	75-2	-0.07	-0.07	0.01	-0.04		ppb
Barium	135-1	-0.11	-0.10	-0.08	-0.10		ppb
Barium	137-1	-0.08	-0.08	-0.06	-0.08		ppb
Beryllium	9-1	-0.12	-0.07	-0.02	-0.07		ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	9.23	8.37	7.15	8.25	12.70	ppb
Boron	11-1	8.06	9.13	8.57	8.59	6.26	ppb
Cadmium	111-1	-0.14	-0.20	-0.24	-0.19		ppb
Cadmium	106-1	-1.41	-2.33	-2.95	-2.23		ppb
Cadmium	108-1	0.02	-0.02	-0.06	-0.02		ppb
Calcium	43-1	-11.09	-16.25	-13.34	-13.56		ppb
Calcium	44-1	-6.15	-5.40	-4.88	-5.48		ppb
Chromium	52-2	-0.20	-0.01	-0.28	-0.16		ppb
Cobalt	59-2	-0.04	-0.05	-0.05	-0.05		ppb
Copper	63-2	0.09	0.06	0.07	0.07	18.45	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				106		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	-0.11	0.62	-0.06	0.15	271.28	ppb
Iron	57-2	0.96	1.23	1.30	1.16	15.53	ppb
Lead	206-1	0.00	-0.02	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.03	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	0.00		ppb
Lithium	6-1				103		%
Magnesium	24-2	3.46	3.73	2.55	3.25	19.05	ppb
Manganese	55-2	-0.16	-0.11	-0.18	-0.15		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:57:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.01	0.00	0.01	0.01	105.54	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	97-1	-0.03	0.02	-0.01	-0.01		ppb
Molybdenum	98-1	-0.01	-0.03	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.17	-0.14	-0.16	-0.16		ppb
Phosphorus	31-2	18.73	-10.26	-25.63	-5.72		ppb
Potassium	39-2	19.98	25.94	2.57	16.16	75.12	ppb
Rhodium	103-1				105		%
Rhodium	103-2				107		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	-1.55	-1.55	-1.55	-1.55		ppb
Selenium	78-2	-0.89	-0.21	-0.89	-0.66		ppb
Selenium	82-1	0.63	0.11	0.85	0.53	72.43	ppb
Silicon	28-1	-15.73	-12.21	-14.58	-14.17		ppb
Silver	109-1	0.02	0.03	0.02	0.02	37.53	ppb
Silver	107-1	0.04	0.02	0.01	0.02	45.41	ppb
Sodium	23-2	44.62	45.94	40.65	43.74	6.30	ppb
Strontium	86-1	0.04	-0.02	0.05	0.02	151.24	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	290.79	ppb
Sulfur	34-1	-188.18	19.63	-108.20	-92.25		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	0.00	0.00	0.01	0.00	641.30	ppb
Thallium	205-1	-0.01	0.01	0.00	0.00		ppb
Tin	118-1	0.07	0.04	0.08	0.06	37.60	ppb
Titanium	47-1	-0.02	-0.02	0.12	0.03	301.64	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.01	-0.04	-0.01	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	-0.26	-0.08	-0.10	-0.15		ppb
Zirconium	90-1	0.00	0.00	0.02	0.01	93.87	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:57:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	-0.01	0.02	0.01	256.77	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	40.55	34.11	38.35	37.67	8.68	ppb
Antimony	121-1	3.95	3.98	4.03	3.99	0.96	ppb
Arsenic	75-2	1.93	2.00	1.73	1.89	7.60	ppb
Barium	135-1	19.41	19.43	19.84	19.56	1.26	ppb
Barium	137-1	19.88	19.46	18.93	19.42	2.46	ppb
Beryllium	9-1	1.88	1.87	1.76	1.84	3.50	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	49.13	49.84	49.89	49.62	0.85	ppb
Boron	11-1	48.74	49.95	51.45	50.05	2.71	ppb
Cadmium	111-1	1.91	1.99	1.68	1.86	8.80	ppb
Cadmium	106-1	0.90	1.64	-0.76	0.59	207.65	ppb
Cadmium	108-1	2.21	1.83	1.91	1.98	9.95	ppb
Calcium	43-1	899.19	916.18	921.86	912.41	1.29	ppb
Calcium	44-1	913.78	923.05	927.37	921.40	0.75	ppb
Chromium	52-2	3.54	4.09	3.69	3.77	7.55	ppb
Cobalt	59-2	1.93	2.03	1.72	1.89	8.29	ppb
Copper	63-2	3.99	4.29	4.00	4.09	4.20	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				107		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				103		%
Iron	56-2	384.39	418.57	382.53	395.16	5.13	ppb
Iron	57-2	382.50	418.29	393.74	398.18	4.60	ppb
Lead	206-1	2.12	2.11	2.27	2.17	4.24	ppb
Lead	207-1	2.20	2.20	2.19	2.20	0.17	ppb
Lead	208-1	2.19	2.21	2.25	2.22	1.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	894.66	1002.35	879.68	925.57	7.23	ppb
Manganese	55-2	2.13	2.02	1.81	1.98	8.24	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	3.98	4.06	4.03	4.03	1.05	ppb
Molybdenum	95-1	9.41	8.97	9.15	9.18	2.40	ppb
Molybdenum	96-1	7.63	7.93	8.02	7.86	2.62	ppb
Molybdenum	97-1	9.10	9.23	9.11	9.15	0.83	ppb
Molybdenum	98-1	9.19	9.17	8.82	9.06	2.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.96	2.12	2.01	2.03	4.01	ppb
Phosphorus	31-2	-10.78	-25.63	-10.77	-15.72		ppb
Potassium	39-2	1002.19	1058.09	970.56	1010.28	4.39	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	2.48	7.38	10.75	6.87	60.50	ppb
Selenium	78-2	15.24	12.66	8.94	12.28	25.79	ppb
Selenium	82-1	10.14	10.29	10.02	10.15	1.36	ppb
Silicon	28-1	6.19	9.73	8.49	8.14	22.04	ppb
Silver	109-1	2.06	2.20	2.20	2.15	3.84	ppb
Silver	107-1	2.17	2.15	2.16	2.16	0.57	ppb
Sodium	23-2	948.35	1045.75	957.59	983.90	5.46	ppb
Strontium	86-1	1.89	1.97	1.96	1.94	2.43	ppb
Strontium	88-1	1.94	1.98	2.00	1.97	1.60	ppb
Sulfur	34-1	-345.84	-268.96	-152.79	-255.86		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	1.88	1.91	1.87	1.89	1.02	ppb
Thallium	205-1	1.83	1.94	1.93	1.90	3.29	ppb
Tin	118-1	9.77	9.97	9.97	9.90	1.15	ppb
Titanium	47-1	8.67	9.66	9.46	9.26	5.63	ppb
Uranium	238-1	1.75	1.75	1.68	1.73	2.36	ppb
Vanadium	51-2	9.39	10.09	9.21	9.56	4.87	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	3.83	4.49	3.96	4.09	8.61	ppb
Zirconium	90-1	1.84	1.89	1.82	1.85	2.19	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.92	1.82	1.90	1.88	2.89	ppb

LB Number : LB89998 Operator : Jaswal
 Lab Sample ID : PB102142BL Instrumnet Name : P8
 Client Sample ID : PBS008 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-08 13:03:31 DataFile Name : 021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.54	0.57	3.85	1.29	176.24	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	3.16	ppb
Arsenic	75-2	0.01	-0.08	-0.05	-0.04		ppb
Barium	135-1	-0.10	-0.11	-0.09	-0.10		ppb
Barium	137-1	-0.07	-0.08	-0.07	-0.07		ppb
Beryllium	9-1	-0.14	-0.12	-0.07	-0.11		ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	5.44	5.22	5.76	5.48	4.95	ppb
Boron	11-1	5.07	5.60	4.69	5.12	8.95	ppb
Cadmium	111-1	-0.03	-0.24	-0.20	-0.15		ppb
Cadmium	106-1	0.05	-2.90	-2.30	-1.72		ppb
Cadmium	108-1	-0.02	-0.13	0.06	-0.03		ppb
Calcium	43-1	-17.11	-14.18	-17.52	-16.27		ppb
Calcium	44-1	-9.86	-10.97	-6.78	-9.20		ppb
Chromium	52-2	-0.04	-0.18	-0.24	-0.15		ppb
Cobalt	59-2	-0.03	-0.05	-0.05	-0.04		ppb
Copper	63-2	0.02	0.01	0.05	0.03	73.00	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				107		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	0.02	0.35	-0.04	0.11	194.53	ppb
Iron	57-2	-0.73	-1.08	-0.77	-0.86		ppb
Lead	206-1	-0.02	-0.02	-0.04	-0.03		ppb
Lead	207-1	-0.01	0.02	-0.01	0.00		ppb
Lead	208-1	-0.02	0.00	0.00	-0.01		ppb
Lithium	6-1				103		%
Magnesium	24-2	4.18	2.13	0.47	2.26	82.23	ppb
Manganese	55-2	-0.12	-0.12	-0.07	-0.10		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:03:31	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.00	0.00	0.00		ppb
Molybdenum	95-1	0.00	-0.01	-0.03	-0.01		ppb
Molybdenum	96-1	-0.03	-0.01	-0.04	-0.03		ppb
Molybdenum	97-1	0.00	-0.03	-0.02	-0.02		ppb
Molybdenum	98-1	-0.03	-0.02	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	-0.20	-0.13		ppb
Phosphorus	31-2	-25.63	-25.63	18.56	-10.90		ppb
Potassium	39-2	5.87	11.60	-4.66	4.27	193.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				108		%
Selenium	77-2	-1.55	-1.55	2.50	-0.20		ppb
Selenium	78-2	0.40	1.05	1.05	0.83	45.30	ppb
Selenium	82-1	0.49	0.21	0.99	0.56	70.78	ppb
Silicon	28-1	-17.57	-15.06	-15.53	-16.05		ppb
Silver	109-1	0.03	0.04	0.02	0.03	28.13	ppb
Silver	107-1	0.03	0.03	0.02	0.02	14.73	ppb
Sodium	23-2	29.91	31.45	24.23	28.53	13.31	ppb
Strontium	86-1	0.01	-0.04	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-293.71	-389.67	-334.15	-339.17		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	0.00	-0.01		ppb
Tin	118-1	0.02	0.10	0.03	0.05	95.59	ppb
Titanium	47-1	0.08	0.01	0.03	0.04	88.76	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%
Zinc	66-2	-0.12	-0.14	-0.14	-0.13		ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	27.67	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:03:31	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.00	0.00	0.00	4390.52	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	41.07	32.70	47.32	40.37	18.17	ppb
Antimony	121-1	4.04	3.94	3.90	3.96	1.80	ppb
Arsenic	75-2	2.01	1.65	2.05	1.90	11.64	ppb
Barium	135-1	19.31	19.46	19.48	19.42	0.48	ppb
Barium	137-1	19.46	19.93	19.44	19.61	1.42	ppb
Beryllium	9-1	1.81	1.69	1.86	1.79	4.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				104		%
Boron	10-1	47.80	46.34	49.74	47.96	3.56	ppb
Boron	11-1	48.75	47.72	51.08	49.18	3.50	ppb
Cadmium	111-1	1.87	1.87	1.81	1.85	2.03	ppb
Cadmium	106-1	0.08	-0.04	-0.58	-0.18		ppb
Cadmium	108-1	2.00	2.15	1.83	1.99	8.18	ppb
Calcium	43-1	898.14	922.41	921.31	913.95	1.50	ppb
Calcium	44-1	908.94	919.72	907.85	912.17	0.72	ppb
Chromium	52-2	3.82	3.64	3.59	3.68	3.17	ppb
Cobalt	59-2	1.89	1.90	1.82	1.87	2.25	ppb
Copper	63-2	3.96	3.74	4.02	3.91	3.84	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				108		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	384.11	375.99	379.40	379.83	1.07	ppb
Iron	57-2	374.37	367.34	353.46	365.06	2.91	ppb
Lead	206-1	2.34	2.25	2.19	2.26	3.35	ppb
Lead	207-1	2.11	2.20	2.21	2.17	2.65	ppb
Lead	208-1	2.22	2.18	2.19	2.20	0.83	ppb
Lithium	6-1				101		%
Magnesium	24-2	922.29	925.20	904.49	917.33	1.22	ppb
Manganese	55-2	2.08	1.85	1.75	1.89	8.83	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	4.17	4.02	4.12	4.10	1.96	ppb
Molybdenum	95-1	9.58	9.47	9.48	9.51	0.63	ppb
Molybdenum	96-1	7.77	7.61	7.69	7.69	1.02	ppb
Molybdenum	97-1	9.09	9.30	8.98	9.13	1.76	ppb
Molybdenum	98-1	9.02	9.06	9.14	9.07	0.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.81	1.70	1.66	1.72	4.38	ppb
Phosphorus	31-2	19.49	-10.81	-10.74	-0.69		ppb
Potassium	39-2	976.20	944.20	970.86	963.76	1.78	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	18.69	10.63	18.52	15.95	28.87	ppb
Selenium	78-2	9.46	12.74	8.09	10.10	23.66	ppb
Selenium	82-1	11.05	11.18	10.38	10.87	3.95	ppb
Silicon	28-1	9.02	7.96	7.34	8.11	10.46	ppb
Silver	109-1	2.18	2.13	2.17	2.16	1.05	ppb
Silver	107-1	2.18	2.20	2.12	2.17	1.93	ppb
Sodium	23-2	948.60	925.51	934.31	936.14	1.24	ppb
Strontium	86-1	1.83	2.01	1.93	1.92	4.61	ppb
Strontium	88-1	2.02	1.95	1.98	1.98	1.58	ppb
Sulfur	34-1	-270.09	-174.57	-62.59	-169.09		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	1.86	1.89	1.80	1.85	2.40	ppb
Thallium	205-1	1.88	1.98	1.89	1.91	2.81	ppb
Tin	118-1	10.19	9.87	10.00	10.02	1.58	ppb
Titanium	47-1	9.24	9.93	9.69	9.62	3.65	ppb
Uranium	238-1	1.82	1.80	1.73	1.78	2.46	ppb
Vanadium	51-2	9.34	9.33	9.25	9.31	0.52	ppb
Yttrium	89-1				103		%
Yttrium	89-2				107		%
Zinc	66-2	3.91	3.90	3.92	3.91	0.28	ppb
Zirconium	90-1	1.86	1.86	1.87	1.86	0.44	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.74	1.89	1.98	1.87	6.34	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	390.86	385.56	377.88	384.77	1.70	ppb
Antimony	121-1	9.30	9.14	9.77	9.40	3.50	ppb
Arsenic	75-2	-0.02	-0.02	-0.04	-0.03		ppb
Barium	135-1	36.25	36.73	38.41	37.13	3.06	ppb
Barium	137-1	36.76	36.96	38.34	37.35	2.30	ppb
Beryllium	9-1	6.90	6.89	7.37	7.05	3.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				106		%
Boron	10-1	4.93	5.25	6.73	5.64	17.00	ppb
Boron	11-1	5.78	5.48	5.86	5.71	3.57	ppb
Cadmium	111-1	5.06	5.00	5.50	5.19	5.24	ppb
Cadmium	106-1	1.92	2.05	2.21	2.06	7.13	ppb
Cadmium	108-1	4.31	4.89	5.61	4.93	13.12	ppb
Calcium	43-1	553.83	545.07	568.28	555.73	2.11	ppb
Calcium	44-1	564.13	550.07	588.57	567.59	3.43	ppb
Chromium	52-2	8.42	8.22	8.54	8.40	1.92	ppb
Cobalt	59-2	6.65	6.62	6.84	6.70	1.78	ppb
Copper	63-2	23.77	23.52	24.21	23.84	1.47	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				110		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	330.50	325.81	335.78	330.70	1.51	ppb
Iron	57-2	315.28	346.00	314.41	325.23	5.53	ppb
Lead	206-1	5.00	5.00	5.39	5.13	4.39	ppb
Lead	207-1	4.97	4.88	5.20	5.02	3.22	ppb
Lead	208-1	5.04	4.91	5.25	5.07	3.44	ppb
Lithium	6-1				101		%
Magnesium	24-2	462.31	460.26	481.33	467.97	2.48	ppb
Manganese	55-2	4.67	4.42	5.09	4.72	7.14	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00		ppb
Molybdenum	95-1	-0.03	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	-0.03	-0.03	-0.01	-0.02		ppb
Molybdenum	97-1	-0.03	-0.03	-0.01	-0.02		ppb
Molybdenum	98-1	-0.03	-0.03	-0.02	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.73	13.52	13.79	13.68	1.05	ppb
Phosphorus	31-2	47.12	-25.63	4.34	8.61	424.73	ppb
Potassium	39-2	395.36	405.39	388.19	396.31	2.18	ppb
Rhodium	103-1				103		%
Rhodium	103-2				110		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	38.31	18.47	6.52	21.10	76.10	ppb
Selenium	78-2	25.87	22.79	18.45	22.37	16.68	ppb
Selenium	82-1	19.93	19.06	21.10	20.03	5.11	ppb
Silicon	28-1	-12.85	-13.34	-6.81	-11.00		ppb
Silver	109-1	4.28	4.31	4.52	4.37	2.98	ppb
Silver	107-1	4.32	4.27	4.62	4.40	4.28	ppb
Sodium	23-2	24.99	25.34	28.47	26.27	7.29	ppb
Strontium	86-1	0.12	0.00	0.00	0.04	175.00	ppb
Strontium	88-1	0.02	0.03	0.03	0.03	11.90	ppb
Sulfur	34-1	-52.32	-185.00	348.18	36.95	751.19	ppb
Terbium	159-1				103		%
Terbium	159-2				110		%
Thallium	203-1	8.17	7.77	8.27	8.07	3.29	ppb
Thallium	205-1	8.01	8.10	8.53	8.21	3.36	ppb
Tin	118-1	0.03	0.01	0.03	0.02	43.50	ppb
Titanium	47-1	0.00	0.03	0.12	0.05	119.68	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	8.88	8.87	8.73	8.83	0.97	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	6.07	5.42	6.14	5.88	6.76	ppb
Zirconium	90-1	0.02	0.00	0.02	0.01	72.33	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	-0.01	0.02	0.01	141.49	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	367.77	411.07	379.36	386.07	5.81	ppb
Antimony	121-1	9.63	9.42	9.00	9.35	3.41	ppb
Arsenic	75-2	-0.07	-0.02	-0.01	-0.03		ppb
Barium	135-1	37.54	37.69	36.18	37.13	2.23	ppb
Barium	137-1	37.43	36.85	37.11	37.13	0.79	ppb
Beryllium	9-1	7.25	7.07	6.97	7.10	1.96	ppb
Bismuth	209-1				105		%
Bismuth	209-2				106		%
Boron	10-1	5.22	4.74	3.14	4.37	24.88	ppb
Boron	11-1	4.23	3.89	4.27	4.13	5.08	ppb
Cadmium	111-1	5.62	5.34	5.10	5.35	4.83	ppb
Cadmium	106-1	5.37	3.88	3.06	4.10	28.52	ppb
Cadmium	108-1	5.38	4.45	4.44	4.76	11.28	ppb
Calcium	43-1	534.63	535.41	536.57	535.54	0.18	ppb
Calcium	44-1	552.59	538.67	544.95	545.40	1.28	ppb
Chromium	52-2	8.93	8.03	8.23	8.40	5.63	ppb
Cobalt	59-2	7.12	6.61	6.74	6.82	3.95	ppb
Copper	63-2	24.84	23.89	23.63	24.12	2.63	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				110		%
Indium	115-1				107		%
Indium	115-2				107		%
Iron	56-2	341.51	331.40	327.79	333.57	2.13	ppb
Iron	57-2	328.97	330.80	336.33	332.03	1.15	ppb
Lead	206-1	4.98	5.12	5.08	5.06	1.42	ppb
Lead	207-1	4.82	4.89	4.92	4.88	1.06	ppb
Lead	208-1	4.90	5.07	4.95	4.97	1.70	ppb
Lithium	6-1				104		%
Magnesium	24-2	490.01	469.23	467.51	475.58	2.63	ppb
Manganese	55-2	5.10	4.83	4.84	4.92	3.09	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	-0.01	0.00	0.01	0.00	466.57	ppb
Molybdenum	95-1	-0.03	-0.03	-0.03	-0.03		ppb
Molybdenum	96-1	-0.04	-0.02	-0.01	-0.02		ppb
Molybdenum	97-1	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	98-1	-0.04	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.93	13.59	14.57	14.03	3.54	ppb
Phosphorus	31-2	4.15	3.60	-25.63	-5.96		ppb
Potassium	39-2	424.57	388.17	396.07	402.94	4.75	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				105		%
Scandium	45-2				109		%
Selenium	77-2	27.21	30.49	26.29	28.00	7.89	ppb
Selenium	78-2	26.70	19.60	20.10	22.13	17.92	ppb
Selenium	82-1	21.55	20.58	20.78	20.97	2.44	ppb
Silicon	28-1	-13.49	-15.77	-14.43	-14.56		ppb
Silver	109-1	4.41	4.34	4.27	4.34	1.64	ppb
Silver	107-1	4.48	4.34	4.25	4.36	2.62	ppb
Sodium	23-2	26.57	18.56	24.19	23.11	17.80	ppb
Strontium	86-1	-0.01	0.07	0.03	0.03	133.08	ppb
Strontium	88-1	0.03	0.02	0.03	0.03	17.70	ppb
Sulfur	34-1	-193.30	-371.07	-87.41	-217.26		ppb
Terbium	159-1				106		%
Terbium	159-2				110		%
Thallium	203-1	7.85	8.00	8.01	7.95	1.17	ppb
Thallium	205-1	7.91	8.02	8.07	8.00	0.97	ppb
Tin	118-1	0.01	0.05	0.03	0.03	62.57	ppb
Titanium	47-1	0.01	0.00	0.02	0.01	160.21	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	9.32	8.84	8.67	8.94	3.79	ppb
Yttrium	89-1				107		%
Yttrium	89-2				107		%
Zinc	66-2	6.08	6.47	5.47	6.01	8.32	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	33.06	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.01	0.02	51.07	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92.65	69.47	69.32	77.14	17.40	ppb
Antimony	121-1	1.85	1.90	1.83	1.86	1.79	ppb
Arsenic	75-2	-0.04	-0.02	-0.04	-0.03		ppb
Barium	135-1	7.17	7.71	7.57	7.49	3.73	ppb
Barium	137-1	7.00	6.98	7.13	7.04	1.18	ppb
Beryllium	9-1	1.29	1.30	1.31	1.30	0.86	ppb
Bismuth	209-1				105		%
Bismuth	209-2				108		%
Boron	10-1	1.98	2.70	2.42	2.37	15.39	ppb
Boron	11-1	3.57	2.54	2.73	2.95	18.54	ppb
Cadmium	111-1	1.00	0.88	0.94	0.94	6.73	ppb
Cadmium	106-1	-0.96	-0.70	-0.73	-0.80		ppb
Cadmium	108-1	0.97	0.61	1.34	0.97	37.64	ppb
Calcium	43-1	95.75	96.31	94.34	95.47	1.06	ppb
Calcium	44-1	104.43	101.30	102.64	102.79	1.53	ppb
Chromium	52-2	1.49	1.55	1.60	1.54	3.50	ppb
Cobalt	59-2	1.37	1.23	1.31	1.30	5.25	ppb
Copper	63-2	4.80	5.00	4.65	4.82	3.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	69.01	68.28	68.37	68.55	0.58	ppb
Iron	57-2	72.16	71.20	63.97	69.11	6.48	ppb
Lead	206-1	0.92	0.97	1.00	0.96	4.58	ppb
Lead	207-1	1.00	0.89	0.92	0.93	6.16	ppb
Lead	208-1	0.98	0.95	0.93	0.96	2.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	94.67	91.15	94.99	93.60	2.27	ppb
Manganese	55-2	1.05	0.80	0.97	0.94	13.18	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.00	0.01	0.00	0.01	25.34	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.02	-0.03	0.00	-0.01		ppb
Molybdenum	98-1	-0.03	-0.01	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.55	2.74	2.50	2.60	4.72	ppb
Phosphorus	31-2	-11.13	-25.63	-25.63	-20.80		ppb
Potassium	39-2	75.25	90.98	81.28	82.50	9.62	ppb
Rhodium	103-1				107		%
Rhodium	103-2				112		%
Scandium	45-1				104		%
Scandium	45-2				109		%
Selenium	77-2	10.29	2.40	2.44	5.04	90.13	ppb
Selenium	78-2	5.42	1.00	8.05	4.82	73.81	ppb
Selenium	82-1	3.56	4.64	4.18	4.13	13.07	ppb
Silicon	28-1	-16.88	-14.87	-16.58	-16.11		ppb
Silver	109-1	0.84	0.84	0.81	0.83	2.01	ppb
Silver	107-1	0.84	0.88	0.87	0.87	2.55	ppb
Sodium	23-2	13.96	21.75	17.11	17.60	22.26	ppb
Strontium	86-1	-0.03	0.07	-0.04	0.00		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.85	ppb
Sulfur	34-1	-523.55	-213.21	-157.19	-297.98		ppb
Terbium	159-1				106		%
Terbium	159-2				112		%
Thallium	203-1	1.67	1.47	1.51	1.55	6.98	ppb
Thallium	205-1	1.63	1.56	1.59	1.59	2.27	ppb
Tin	118-1	0.05	0.01	0.02	0.03	82.72	ppb
Titanium	47-1	0.07	0.01	-0.02	0.02	268.64	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	1.76	1.63	1.58	1.66	5.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%
Zinc	66-2	0.91	1.01	1.17	1.03	12.67	ppb
Zirconium	90-1	0.01	-0.01	0.01	0.00	218.13	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.00	0.00	72.92	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2126.72	2151.42	2187.90	2155.35	1.43	ppb
Antimony	121-1	119.23	118.27	112.49	116.66	3.12	ppb
Arsenic	75-2	38.04	37.92	38.09	38.02	0.24	ppb
Barium	135-1	2290.60	2245.75	2156.09	2230.81	3.07	ppb
Barium	137-1	2255.03	2230.24	2122.84	2202.70	3.19	ppb
Beryllium	9-1	61.28	59.62	56.82	59.24	3.80	ppb
Bismuth	209-1				101		%
Bismuth	209-2				108		%
Boron	10-1	2.04	2.71	2.43	2.40	14.05	ppb
Boron	11-1	2.76	2.77	2.61	2.71	3.24	ppb
Cadmium	111-1	62.15	60.50	58.01	60.22	3.46	ppb
Cadmium	106-1	52.66	54.08	51.10	52.61	2.83	ppb
Cadmium	108-1	59.05	60.23	54.68	57.99	5.04	ppb
Calcium	43-1	576.49	582.94	552.72	570.72	2.79	ppb
Calcium	44-1	600.63	567.60	543.74	570.66	5.01	ppb
Chromium	52-2	199.25	197.85	200.49	199.20	0.66	ppb
Cobalt	59-2	486.31	481.71	488.26	485.43	0.69	ppb
Copper	63-2	262.19	257.20	262.03	260.47	1.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				111		%
Indium	115-1				103		%
Indium	115-2				108		%
Iron	56-2	1318.47	1307.12	1317.43	1314.34	0.48	ppb
Iron	57-2	1306.82	1265.27	1359.19	1310.43	3.59	ppb
Lead	206-1	26.46	25.78	24.58	25.61	3.72	ppb
Lead	207-1	26.14	25.47	24.10	25.24	4.11	ppb
Lead	208-1	26.16	25.57	24.62	25.45	3.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	434.83	442.20	469.66	448.89	4.09	ppb
Manganese	55-2	491.29	488.68	493.89	491.29	0.53	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.03	0.04	0.02	0.03	28.85	ppb
Molybdenum	95-1	0.01	-0.01	0.01	0.00	325.43	ppb
Molybdenum	96-1	0.01	0.01	-0.01	0.00	322.50	ppb
Molybdenum	97-1	-0.01	-0.02	0.01	-0.01		ppb
Molybdenum	98-1	0.02	0.00	0.00	0.00	416.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	501.14	494.85	500.65	498.88	0.70	ppb
Phosphorus	31-2	-25.63	16.76	-25.63	-11.50		ppb
Potassium	39-2	392.21	411.60	415.33	406.38	3.05	ppb
Rhodium	103-1				103		%
Rhodium	103-2				110		%
Scandium	45-1				102		%
Scandium	45-2				112		%
Selenium	77-2	124.31	108.92	121.75	118.32	6.97	ppb
Selenium	78-2	117.95	117.05	116.74	117.25	0.54	ppb
Selenium	82-1	128.31	126.26	122.29	125.62	2.43	ppb
Silicon	28-1	-8.43	-8.99	-14.17	-10.53		ppb
Silver	109-1	57.65	56.00	52.73	55.46	4.52	ppb
Silver	107-1	57.64	56.16	53.92	55.91	3.35	ppb
Sodium	23-2	30.82	32.16	30.09	31.02	3.40	ppb
Strontium	86-1	0.08	-0.04	-0.01	0.01	501.69	ppb
Strontium	88-1	0.07	0.05	0.06	0.06	14.27	ppb
Sulfur	34-1	-188.48	-674.86	-1154.46	-672.60		ppb
Terbium	159-1				103		%
Terbium	159-2				112		%
Thallium	203-1	61.89	59.23	58.30	59.81	3.12	ppb
Thallium	205-1	61.91	60.29	57.88	60.02	3.38	ppb
Tin	118-1	0.04	0.07	0.04	0.05	33.71	ppb
Titanium	47-1	0.00	0.12	0.13	0.08	87.71	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	483.89	480.19	488.43	484.17	0.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				109		%
Zinc	66-2	499.93	489.91	494.92	494.92	1.01	ppb
Zirconium	90-1	0.02	0.03	0.03	0.03	4.92	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.02	0.03	0.03	39.56	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	175.34	198.55	201.75	191.88	7.51	ppb
Antimony	121-1	14.32	14.26	14.69	14.42	1.64	ppb
Arsenic	75-2	10.22	10.60	11.23	10.69	4.78	ppb
Barium	135-1	1.25	1.19	1.35	1.26	6.56	ppb
Barium	137-1	1.14	1.15	1.26	1.18	5.62	ppb
Beryllium	9-1	7.16	7.00	7.17	7.11	1.36	ppb
Bismuth	209-1				99		%
Bismuth	209-2				103		%
Boron	10-1	4.31	3.65	3.35	3.77	12.98	ppb
Boron	11-1	4.05	3.67	3.70	3.81	5.51	ppb
Cadmium	111-1	15.31	15.43	15.62	15.45	1.01	ppb
Cadmium	106-1	11.60	13.04	13.42	12.69	7.54	ppb
Cadmium	108-1	14.54	13.29	16.23	14.69	10.05	ppb
Calcium	43-1	211.35	209.35	206.37	209.02	1.20	ppb
Calcium	44-1	200.19	208.47	218.56	209.07	4.40	ppb
Chromium	52-2	14.05	14.60	14.00	14.21	2.34	ppb
Cobalt	59-2	0.07	0.05	0.06	0.06	20.23	ppb
Copper	63-2	11.90	12.30	12.04	12.08	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				104		%
Holmium	165-2				109		%
Indium	115-1				105		%
Indium	115-2				108		%
Iron	56-2	200.90	204.32	197.69	200.97	1.65	ppb
Iron	57-2	193.37	212.32	187.06	197.58	6.66	ppb
Lead	206-1	10.64	10.56	10.73	10.64	0.79	ppb
Lead	207-1	10.03	10.14	10.40	10.19	1.85	ppb
Lead	208-1	10.32	10.30	10.70	10.44	2.14	ppb
Lithium	6-1				105		%
Magnesium	24-2	61.37	60.93	62.51	61.60	1.33	ppb
Manganese	55-2	14.95	14.99	14.43	14.79	2.12	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.60	0.53	0.57	0.56	5.78	ppb
Molybdenum	95-1	0.02	0.00	0.02	0.01	109.35	ppb
Molybdenum	96-1	0.11	0.13	0.17	0.13	23.88	ppb
Molybdenum	97-1	0.01	0.00	0.03	0.01	130.39	ppb
Molybdenum	98-1	0.01	0.00	0.01	0.01	97.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	8.93	9.30	8.94	9.06	2.33	ppb
Phosphorus	31-2	-25.63	-10.59	-25.63	-20.61		ppb
Potassium	39-2	115.54	120.32	102.23	112.70	8.32	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	26.71	26.82	14.61	22.71	30.91	ppb
Selenium	78-2	27.52	30.86	33.99	30.79	10.51	ppb
Selenium	82-1	29.34	29.83	30.00	29.73	1.14	ppb
Silicon	28-1	89.71	92.17	103.69	95.19	7.84	ppb
Silver	109-1	9.92	9.74	10.32	9.99	2.99	ppb
Silver	107-1	9.95	10.02	10.42	10.13	2.49	ppb
Sodium	23-2	93.75	94.99	96.62	95.12	1.51	ppb
Strontium	86-1	2.09	1.92	2.06	2.02	4.43	ppb
Strontium	88-1	2.04	1.93	2.06	2.01	3.58	ppb
Sulfur	34-1	-1478.60	-1216.56	-597.46	-1097.54		ppb
Terbium	159-1				103		%
Terbium	159-2				109		%
Thallium	203-1	6.95	6.99	6.81	6.92	1.36	ppb
Thallium	205-1	6.89	6.96	7.23	7.03	2.57	ppb
Tin	118-1	0.29	0.27	0.34	0.30	11.97	ppb
Titanium	47-1	1.96	2.20	2.18	2.12	6.26	ppb
Uranium	238-1	-0.03	-0.04	-0.02	-0.03		ppb
Vanadium	51-2	30.92	31.11	30.67	30.90	0.71	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%
Zinc	66-2	25.64	25.93	24.28	25.28	3.48	ppb
Zirconium	90-1	0.79	0.76	0.80	0.78	2.90	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.74	0.76	0.82	0.77	5.27	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	168.87	189.79	191.91	183.52	6.94	ppb
Antimony	121-1	14.02	14.16	13.98	14.05	0.70	ppb
Arsenic	75-2	10.66	10.18	10.84	10.56	3.24	ppb
Barium	135-1	1.31	1.32	1.18	1.27	6.04	ppb
Barium	137-1	1.17	1.24	1.28	1.23	4.74	ppb
Beryllium	9-1	6.97	6.74	6.52	6.74	3.39	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	3.53	3.57	2.47	3.19	19.49	ppb
Boron	11-1	3.99	3.47	3.40	3.62	8.86	ppb
Cadmium	111-1	14.91	15.39	14.57	14.96	2.78	ppb
Cadmium	106-1	10.18	13.29	10.17	11.21	16.07	ppb
Cadmium	108-1	14.11	14.85	13.41	14.12	5.11	ppb
Calcium	43-1	204.22	224.08	180.67	202.99	10.71	ppb
Calcium	44-1	208.11	206.53	207.44	207.36	0.38	ppb
Chromium	52-2	14.41	14.20	14.45	14.35	0.94	ppb
Cobalt	59-2	0.04	0.04	0.05	0.05	13.94	ppb
Copper	63-2	11.85	11.98	11.78	11.87	0.89	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				108		%
Indium	115-1				105		%
Indium	115-2				107		%
Iron	56-2	202.36	203.63	200.43	202.14	0.80	ppb
Iron	57-2	209.35	217.73	195.06	207.38	5.53	ppb
Lead	206-1	10.67	10.22	10.52	10.47	2.16	ppb
Lead	207-1	10.04	9.85	9.97	9.95	0.94	ppb
Lead	208-1	10.51	10.02	10.23	10.26	2.41	ppb
Lithium	6-1				106		%
Magnesium	24-2	67.20	73.76	61.66	67.54	8.96	ppb
Manganese	55-2	14.53	15.01	15.63	15.06	3.66	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.57	0.51	0.50	0.53	8.05	ppb
Molybdenum	95-1	0.01	0.02	0.00	0.01	94.02	ppb
Molybdenum	96-1	0.13	0.15	0.16	0.15	8.37	ppb
Molybdenum	97-1	0.02	0.03	0.03	0.03	17.79	ppb
Molybdenum	98-1	0.01	0.00	-0.01	0.00	697.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.02	9.29	9.25	9.19	1.62	ppb
Phosphorus	31-2	-25.63	-25.63	-10.58	-20.61		ppb
Potassium	39-2	95.99	81.91	119.29	99.07	19.06	ppb
Rhodium	103-1				104		%
Rhodium	103-2				109		%
Scandium	45-1				102		%
Scandium	45-2				106		%
Selenium	77-2	39.45	10.67	27.37	25.83	55.94	ppb
Selenium	78-2	31.23	27.12	30.82	29.72	7.62	ppb
Selenium	82-1	30.76	29.00	29.12	29.63	3.31	ppb
Silicon	28-1	98.23	91.10	90.09	93.14	4.76	ppb
Silver	109-1	10.12	9.71	9.57	9.80	2.93	ppb
Silver	107-1	10.13	9.86	9.84	9.94	1.67	ppb
Sodium	23-2	87.10	87.43	86.78	87.10	0.37	ppb
Strontium	86-1	2.12	1.98	1.87	1.99	6.30	ppb
Strontium	88-1	2.05	2.04	2.02	2.04	0.83	ppb
Sulfur	34-1	-805.38	-1030.62	-1126.49	-987.50		ppb
Terbium	159-1				105		%
Terbium	159-2				110		%
Thallium	203-1	7.16	6.77	6.86	6.93	2.91	ppb
Thallium	205-1	7.13	6.70	6.74	6.86	3.51	ppb
Tin	118-1	0.26	0.25	0.27	0.26	3.75	ppb
Titanium	47-1	2.08	2.02	2.27	2.12	6.27	ppb
Uranium	238-1	-0.02	-0.04	-0.04	-0.03		ppb
Vanadium	51-2	30.63	30.78	30.66	30.69	0.26	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	23.88	26.18	24.38	24.81	4.89	ppb
Zirconium	90-1	0.84	0.80	0.76	0.80	4.86	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.89	0.85	0.78	0.84	6.15	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26.33	30.33	48.92	35.19	34.26	ppb
Antimony	121-1	2.83	2.74	2.76	2.77	1.68	ppb
Arsenic	75-2	2.33	1.96	1.83	2.04	12.81	ppb
Barium	135-1	0.10	0.15	0.14	0.13	21.35	ppb
Barium	137-1	0.14	0.27	0.22	0.21	30.36	ppb
Beryllium	9-1	1.24	1.13	1.15	1.17	5.09	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	2.25	1.53	2.58	2.12	25.30	ppb
Boron	11-1	1.99	1.93	1.61	1.85	11.03	ppb
Cadmium	111-1	2.91	2.71	2.95	2.86	4.45	ppb
Cadmium	106-1	0.01	0.70	1.21	0.64	94.24	ppb
Cadmium	108-1	3.06	3.13	2.68	2.95	8.21	ppb
Calcium	43-1	25.73	29.41	33.99	29.71	13.92	ppb
Calcium	44-1	35.64	28.54	39.62	34.60	16.22	ppb
Chromium	52-2	2.66	2.61	2.63	2.63	0.81	ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.02		ppb
Copper	63-2	2.81	2.79	2.83	2.81	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				105		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	40.24	40.83	40.15	40.41	0.91	ppb
Iron	57-2	42.05	43.40	34.93	40.13	11.35	ppb
Lead	206-1	2.01	2.04	2.04	2.03	0.77	ppb
Lead	207-1	2.08	1.91	1.95	1.98	4.46	ppb
Lead	208-1	2.01	1.96	1.97	1.98	1.29	ppb
Lithium	6-1				102		%
Magnesium	24-2	13.41	12.84	13.63	13.29	3.08	ppb
Manganese	55-2	3.30	2.99	3.15	3.14	5.00	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.09	0.07	0.08	10.63	ppb
Molybdenum	95-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	0.01	0.00	0.00	5620.37	ppb
Molybdenum	97-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	98-1	-0.04	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.78	1.92	1.82	1.84	3.89	ppb
Phosphorus	31-2	-9.42	21.80	-10.27	0.70	2597.89	ppb
Potassium	39-2	31.27	12.92	13.81	19.33	53.54	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	7.23	2.70	-1.55	2.80	157.09	ppb
Selenium	78-2	9.64	7.28	3.69	6.87	43.61	ppb
Selenium	82-1	6.98	5.78	6.44	6.40	9.36	ppb
Silicon	28-1	4.20	4.85	11.39	6.82	58.33	ppb
Silver	109-1	1.88	1.98	2.00	1.95	3.31	ppb
Silver	107-1	1.96	1.92	1.99	1.96	1.91	ppb
Sodium	23-2	28.43	27.82	29.75	28.67	3.45	ppb
Strontium	86-1	0.53	0.45	0.43	0.47	11.88	ppb
Strontium	88-1	0.40	0.40	0.37	0.39	4.09	ppb
Sulfur	34-1	-960.98	-945.73	-289.55	-732.09		ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	1.40	1.32	1.45	1.39	4.58	ppb
Thallium	205-1	1.33	1.37	1.36	1.36	1.49	ppb
Tin	118-1	0.06	0.05	0.05	0.05	8.61	ppb
Titanium	47-1	0.53	0.52	0.39	0.48	16.07	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	5.94	5.97	6.06	5.99	1.06	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	5.77	5.21	5.63	5.53	5.28	ppb
Zirconium	90-1	0.16	0.15	0.14	0.15	4.35	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.12	0.21	0.13	0.15	31.40	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	510.89	524.92	505.52	513.77	1.95	ppb
Antimony	121-1	34.29	34.25	34.66	34.40	0.65	ppb
Arsenic	75-2	17.20	18.88	19.19	18.42	5.83	ppb
Barium	135-1	413.22	410.53	414.71	412.82	0.51	ppb
Barium	137-1	415.46	408.68	414.56	412.90	0.89	ppb
Beryllium	9-1	15.83	16.09	15.50	15.80	1.86	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	2.74	2.93	2.98	2.88	4.48	ppb
Boron	11-1	2.78	2.36	2.65	2.59	8.25	ppb
Cadmium	111-1	25.28	25.45	25.40	25.38	0.35	ppb
Cadmium	106-1	19.41	21.59	19.90	20.30	5.64	ppb
Cadmium	108-1	24.35	22.92	23.32	23.53	3.14	ppb
Calcium	43-1	220.85	207.33	231.55	219.91	5.52	ppb
Calcium	44-1	207.61	208.48	201.72	205.94	1.79	ppb
Chromium	52-2	53.23	52.44	52.35	52.67	0.92	ppb
Cobalt	59-2	99.38	98.13	95.78	97.76	1.87	ppb
Copper	63-2	59.94	60.64	59.58	60.05	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				107		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	400.49	395.22	387.45	394.39	1.66	ppb
Iron	57-2	407.09	409.47	406.87	407.81	0.35	ppb
Lead	206-1	14.27	13.79	13.95	14.00	1.72	ppb
Lead	207-1	13.84	13.58	13.26	13.56	2.15	ppb
Lead	208-1	13.98	13.63	13.70	13.77	1.37	ppb
Lithium	6-1				108		%
Magnesium	24-2	66.20	68.59	69.00	67.93	2.23	ppb
Manganese	55-2	113.98	112.91	112.06	112.98	0.85	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.53	0.55	0.54	0.54	2.48	ppb
Molybdenum	95-1	0.01	0.02	-0.01	0.01	162.00	ppb
Molybdenum	96-1	0.11	0.17	0.13	0.14	20.67	ppb
Molybdenum	97-1	0.02	0.06	0.02	0.03	76.06	ppb
Molybdenum	98-1	0.00	0.02	0.01	0.01	145.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	110.27	109.74	107.12	109.04	1.55	ppb
Phosphorus	31-2	-25.63	-10.35	-25.63	-20.54		ppb
Potassium	39-2	75.46	70.42	85.20	77.03	9.76	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	52.86	31.90	57.41	47.39	28.72	ppb
Selenium	78-2	55.98	48.56	53.64	52.73	7.19	ppb
Selenium	82-1	48.55	48.92	48.22	48.56	0.73	ppb
Silicon	28-1	94.40	93.11	89.34	92.28	2.85	ppb
Silver	109-1	19.75	19.14	19.41	19.44	1.58	ppb
Silver	107-1	19.41	19.68	19.56	19.55	0.69	ppb
Sodium	23-2	78.09	78.37	75.28	77.25	2.21	ppb
Strontium	86-1	1.92	2.09	1.89	1.97	5.43	ppb
Strontium	88-1	1.99	2.00	1.95	1.98	1.09	ppb
Sulfur	34-1	-945.29	-1080.88	-1338.95	-1121.71		ppb
Terbium	159-1				104		%
Terbium	159-2				107		%
Thallium	203-1	16.48	16.26	16.49	16.41	0.80	ppb
Thallium	205-1	16.95	16.63	16.62	16.73	1.14	ppb
Tin	118-1	0.23	0.24	0.28	0.25	9.79	ppb
Titanium	47-1	2.45	2.24	1.88	2.19	13.26	ppb
Uranium	238-1	-0.02	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	128.10	127.19	125.54	126.94	1.02	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	123.33	121.36	122.84	122.51	0.84	ppb
Zirconium	90-1	0.77	0.77	0.80	0.78	2.36	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.75	0.80	0.71	0.75	5.63	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48904.90	49391.89	49367.89	49221.56	0.56	ppb
Antimony	121-1	508.12	507.80	502.61	506.18	0.61	ppb
Arsenic	75-2	486.69	482.62	485.70	485.00	0.44	ppb
Barium	135-1	2601.38	2590.05	2602.96	2598.13	0.27	ppb
Barium	137-1	2559.92	2557.36	2569.87	2562.38	0.26	ppb
Beryllium	9-1	499.30	508.01	496.57	501.29	1.19	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	488.95	508.32	510.36	502.54	2.35	ppb
Boron	11-1	487.75	507.66	494.53	496.64	2.04	ppb
Cadmium	111-1	491.38	495.13	496.16	494.22	0.51	ppb
Cadmium	106-1	498.14	498.34	507.64	501.37	1.08	ppb
Cadmium	108-1	489.67	493.37	494.35	492.46	0.50	ppb
Calcium	43-1	244075.31	245131.50	244322.35	244509.72	0.23	ppb
Calcium	44-1	244695.57	240211.67	243565.43	242824.23	0.96	ppb
Chromium	52-2	492.30	497.67	493.01	494.33	0.59	ppb
Cobalt	59-2	475.61	483.85	478.22	479.23	0.88	ppb
Copper	63-2	969.16	982.92	966.69	972.92	0.90	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				115		%
Holmium	165-2				109		%
Indium	115-1				103		%
Indium	115-2				98		%
Iron	56-2	122214.68	124671.79	122477.20	123121.23	1.10	ppb
Iron	57-2	124063.93	125955.31	124305.61	124774.95	0.82	ppb
Lead	206-1	514.68	514.80	515.89	515.12	0.13	ppb
Lead	207-1	508.58	513.22	519.57	513.79	1.07	ppb
Lead	208-1	511.35	517.83	519.18	516.12	0.81	ppb
Lithium	6-1				103		%
Magnesium	24-2	244163.29	250456.74	246853.53	247157.85	1.28	ppb
Manganese	55-2	986.63	986.11	982.62	985.12	0.22	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	514.76	516.65	523.10	518.17	0.84	ppb
Molybdenum	95-1	512.84	507.00	520.75	513.53	1.34	ppb
Molybdenum	96-1	511.80	510.53	514.11	512.15	0.35	ppb
Molybdenum	97-1	496.81	496.14	500.90	497.95	0.52	ppb
Molybdenum	98-1	509.53	507.78	511.61	509.64	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.70	488.89	484.07	484.22	0.95	ppb
Phosphorus	31-2	10075.54	10627.41	9835.04	10179.33	3.99	ppb
Potassium	39-2	127750.76	126388.37	126602.10	126913.74	0.58	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				101		%
Selenium	77-2	479.08	489.32	494.83	487.74	1.64	ppb
Selenium	78-2	550.61	532.91	525.90	536.47	2.37	ppb
Selenium	82-1	492.27	489.21	494.71	492.07	0.56	ppb
Silicon	28-1	535.61	537.79	542.76	538.72	0.68	ppb
Silver	109-1	505.05	502.92	502.66	503.55	0.26	ppb
Silver	107-1	500.44	503.90	508.23	504.19	0.77	ppb
Sodium	23-2	242412.90	249867.41	247302.72	246527.68	1.54	ppb
Strontium	86-1	510.89	514.87	512.54	512.77	0.39	ppb
Strontium	88-1	517.79	520.01	523.73	520.51	0.58	ppb
Sulfur	34-1	10248.64	9755.62	9881.29	9961.85	2.57	ppb
Terbium	159-1				112		%
Terbium	159-2				108		%
Thallium	203-1	509.40	517.29	523.94	516.87	1.41	ppb
Thallium	205-1	509.38	520.10	520.67	516.72	1.23	ppb
Tin	118-1	511.75	507.20	509.01	509.32	0.45	ppb
Titanium	47-1	505.25	503.34	498.06	502.22	0.74	ppb
Uranium	238-1	510.10	519.29	515.68	515.02	0.90	ppb
Vanadium	51-2	492.86	505.00	499.39	499.08	1.22	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	952.22	982.56	961.71	965.49	1.61	ppb
Zirconium	90-1	515.17	511.73	513.63	513.51	0.34	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	516.40	509.60	515.07	513.69	0.70	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	0.85	3.04	2.30	54.64	ppb
Antimony	121-1	0.40	0.40	0.38	0.40	2.86	ppb
Arsenic	75-2	0.01	-0.02	0.01	0.00	411.16	ppb
Barium	135-1	-0.10	-0.08	-0.10	-0.09		ppb
Barium	137-1	-0.08	-0.04	-0.07	-0.07		ppb
Beryllium	9-1	-0.02	-0.05	-0.07	-0.05		ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	10.87	11.28	10.92	11.02	2.04	ppb
Boron	11-1	11.63	11.28	10.86	11.26	3.41	ppb
Cadmium	111-1	-0.18	-0.21	-0.18	-0.19		ppb
Cadmium	106-1	-2.44	-2.84	-2.41	-2.56		ppb
Cadmium	108-1	-0.03	0.01	-0.02	-0.01		ppb
Calcium	43-1	-17.27	-20.67	-27.47	-21.80		ppb
Calcium	44-1	-13.56	-17.00	-12.57	-14.38		ppb
Chromium	52-2	-0.25	-0.13	-0.15	-0.18		ppb
Cobalt	59-2	-0.05	-0.05	-0.04	-0.05		ppb
Copper	63-2	0.15	0.11	0.17	0.14	19.55	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				111		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				102		%
Iron	56-2	0.56	0.86	0.36	0.59	42.09	ppb
Iron	57-2	-1.24	2.29	-0.50	0.18	1012.22	ppb
Lead	206-1	0.00	-0.03	-0.03	-0.02		ppb
Lead	207-1	0.00	-0.01	-0.03	-0.01		ppb
Lead	208-1	0.01	-0.01	-0.02	-0.01		ppb
Lithium	6-1				105		%
Magnesium	24-2	2.84	-1.58	-1.39	-0.04		ppb
Manganese	55-2	-0.25	0.00	-0.22	-0.16		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.06	0.04	0.02	0.04	46.11	ppb
Molybdenum	95-1	0.02	0.01	0.00	0.01	58.46	ppb
Molybdenum	96-1	0.04	0.02	0.03	0.03	29.11	ppb
Molybdenum	97-1	0.05	0.04	0.00	0.03	84.80	ppb
Molybdenum	98-1	0.04	0.01	0.00	0.02	119.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.16	-0.10	-0.11		ppb
Phosphorus	31-2	-10.20	38.68	-25.63	0.95	3522.30	ppb
Potassium	39-2	-5.12	9.71	8.95	4.51	185.05	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-1.55	-1.55	2.61	-0.16		ppb
Selenium	78-2	-0.22	-0.19	0.44	0.01	4157.51	ppb
Selenium	82-1	0.33	1.11	-0.07	0.45	132.05	ppb
Silicon	28-1	-13.30	-15.69	-17.08	-15.36		ppb
Silver	109-1	0.06	0.06	0.06	0.06	4.06	ppb
Silver	107-1	0.07	0.06	0.08	0.07	13.07	ppb
Sodium	23-2	47.46	47.22	40.20	44.96	9.17	ppb
Strontium	86-1	0.10	0.01	0.01	0.04	124.96	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-704.26	-659.03	-620.07	-661.12		ppb
Terbium	159-1				110		%
Terbium	159-2				107		%
Thallium	203-1	0.03	0.02	0.03	0.02	23.43	ppb
Thallium	205-1	0.03	0.04	0.02	0.03	36.47	ppb
Tin	118-1	0.21	0.19	0.18	0.19	6.69	ppb
Titanium	47-1	0.08	-0.01	0.00	0.03	185.45	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	-0.01	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%
Zinc	66-2	-0.12	-0.12	0.02	-0.07		ppb
Zirconium	90-1	0.03	0.04	0.05	0.04	20.84	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.04	0.03	0.04	20.11	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	192.24	157.66	164.85	171.58	10.64	ppb
Antimony	121-1	14.31	14.03	14.03	14.13	1.15	ppb
Arsenic	75-2	10.37	11.25	10.20	10.61	5.30	ppb
Barium	135-1	1.30	1.33	1.13	1.26	8.66	ppb
Barium	137-1	1.34	1.18	1.21	1.24	6.78	ppb
Beryllium	9-1	6.71	6.57	6.72	6.67	1.24	ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	4.52	3.92	5.39	4.61	16.04	ppb
Boron	11-1	5.57	4.96	4.63	5.06	9.41	ppb
Cadmium	111-1	14.84	15.39	14.60	14.94	2.72	ppb
Cadmium	106-1	11.04	11.99	9.65	10.90	10.79	ppb
Cadmium	108-1	13.95	14.42	13.75	14.04	2.45	ppb
Calcium	43-1	211.69	195.73	202.76	203.39	3.93	ppb
Calcium	44-1	197.29	198.24	195.90	197.14	0.60	ppb
Chromium	52-2	14.23	14.25	14.36	14.28	0.48	ppb
Cobalt	59-2	0.02	0.07	0.03	0.04	59.96	ppb
Copper	63-2	12.21	11.84	11.64	11.90	2.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				107		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	203.17	201.98	199.76	201.64	0.86	ppb
Iron	57-2	182.26	197.99	195.69	191.98	4.43	ppb
Lead	206-1	10.40	10.46	10.23	10.37	1.14	ppb
Lead	207-1	10.35	9.94	9.95	10.08	2.34	ppb
Lead	208-1	10.35	10.16	10.16	10.22	1.05	ppb
Lithium	6-1				108		%
Magnesium	24-2	66.60	66.19	67.41	66.73	0.93	ppb
Manganese	55-2	15.85	14.82	14.71	15.12	4.16	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.52	0.52	0.57	0.53	5.34	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	52.90	ppb
Molybdenum	96-1	0.16	0.16	0.14	0.15	6.40	ppb
Molybdenum	97-1	0.04	0.07	0.02	0.04	64.46	ppb
Molybdenum	98-1	0.02	0.01	0.01	0.02	41.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.55	9.56	9.09	9.40	2.87	ppb
Phosphorus	31-2	4.89	-25.63	4.48	-5.42		ppb
Potassium	39-2	99.22	86.23	84.51	89.99	8.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				108		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	19.25	19.48	19.25	19.33	0.69	ppb
Selenium	78-2	21.05	28.69	25.71	25.15	15.32	ppb
Selenium	82-1	28.43	29.83	28.12	28.79	3.16	ppb
Silicon	28-1	89.87	89.44	89.83	89.71	0.26	ppb
Silver	109-1	9.77	9.88	9.73	9.79	0.82	ppb
Silver	107-1	9.79	9.77	9.79	9.79	0.14	ppb
Sodium	23-2	87.44	93.40	95.59	92.14	4.58	ppb
Strontium	86-1	1.87	2.16	1.71	1.91	11.74	ppb
Strontium	88-1	2.00	2.11	2.07	2.06	2.65	ppb
Sulfur	34-1	-544.39	-604.86	-349.60	-499.62		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	6.87	7.06	6.89	6.94	1.45	ppb
Thallium	205-1	7.06	6.82	6.84	6.91	1.96	ppb
Tin	118-1	0.30	0.36	0.29	0.31	12.27	ppb
Titanium	47-1	1.94	1.96	2.00	1.97	1.70	ppb
Uranium	238-1	-0.02	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	31.65	30.78	31.78	31.40	1.73	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%
Zinc	66-2	24.05	25.04	23.42	24.17	3.39	ppb
Zirconium	90-1	0.81	0.81	0.79	0.80	1.45	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.84	0.73	0.83	10.84	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	163.50	170.84	168.19	167.51	2.22	ppb
Antimony	121-1	14.06	14.04	14.10	14.07	0.23	ppb
Arsenic	75-2	11.23	10.48	10.26	10.66	4.79	ppb
Barium	135-1	1.19	1.00	1.19	1.13	9.74	ppb
Barium	137-1	1.31	1.11	1.18	1.20	8.44	ppb
Beryllium	9-1	6.51	6.99	6.73	6.74	3.57	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	3.46	3.76	4.37	3.86	12.05	ppb
Boron	11-1	4.01	3.65	3.79	3.82	4.65	ppb
Cadmium	111-1	14.65	14.87	14.80	14.78	0.76	ppb
Cadmium	106-1	9.82	9.42	10.98	10.07	8.02	ppb
Cadmium	108-1	14.76	14.10	14.79	14.55	2.68	ppb
Calcium	43-1	214.88	196.24	216.96	209.36	5.45	ppb
Calcium	44-1	198.20	200.50	202.72	200.47	1.13	ppb
Chromium	52-2	14.59	14.25	14.07	14.30	1.85	ppb
Cobalt	59-2	0.06	0.08	0.06	0.06	14.89	ppb
Copper	63-2	11.68	11.84	12.08	11.87	1.71	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				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				104		%
Iron	56-2	204.50	202.05	201.41	202.65	0.80	ppb
Iron	57-2	195.33	199.71	202.56	199.20	1.83	ppb
Lead	206-1	10.13	10.48	10.57	10.40	2.22	ppb
Lead	207-1	9.83	10.16	10.04	10.01	1.67	ppb
Lead	208-1	10.03	10.23	10.23	10.16	1.17	ppb
Lithium	6-1				109		%
Magnesium	24-2	70.07	68.68	70.29	69.68	1.26	ppb
Manganese	55-2	15.10	15.35	14.75	15.06	2.00	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.56	0.56	0.58	0.57	2.35	ppb
Molybdenum	95-1	0.03	0.02	0.00	0.02	92.16	ppb
Molybdenum	96-1	0.16	0.13	0.16	0.15	10.63	ppb
Molybdenum	97-1	0.07	0.03	0.05	0.05	41.51	ppb
Molybdenum	98-1	0.01	0.00	0.02	0.01	118.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.18	9.28	9.14	9.20	0.79	ppb
Phosphorus	31-2	-10.29	-25.63	-25.63	-20.52		ppb
Potassium	39-2	98.69	105.27	87.07	97.01	9.50	ppb
Rhodium	103-1				105		%
Rhodium	103-2				108		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	39.74	32.02	23.73	31.83	25.14	ppb
Selenium	78-2	30.79	22.59	17.97	23.78	27.31	ppb
Selenium	82-1	29.06	27.86	30.60	29.17	4.72	ppb
Silicon	28-1	88.20	86.14	88.70	87.68	1.54	ppb
Silver	109-1	9.78	9.64	9.69	9.71	0.73	ppb
Silver	107-1	9.79	9.66	9.66	9.70	0.80	ppb
Sodium	23-2	89.18	79.36	82.95	83.83	5.92	ppb
Strontium	86-1	1.86	1.89	1.87	1.87	0.76	ppb
Strontium	88-1	2.03	1.96	2.01	2.00	1.94	ppb
Sulfur	34-1	-684.25	-787.36	-689.32	-720.31		ppb
Terbium	159-1				107		%
Terbium	159-2				108		%
Thallium	203-1	6.91	6.87	6.95	6.91	0.60	ppb
Thallium	205-1	6.69	6.94	6.92	6.85	2.06	ppb
Tin	118-1	0.30	0.26	0.25	0.27	10.60	ppb
Titanium	47-1	1.94	2.05	2.44	2.14	12.17	ppb
Uranium	238-1	-0.03	-0.03	-0.04	-0.03		ppb
Vanadium	51-2	31.81	31.22	30.64	31.23	1.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	23.97	24.41	22.55	23.64	4.11	ppb
Zirconium	90-1	0.83	0.79	0.81	0.81	2.19	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.85	0.83	0.77	0.82	4.61	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.13	33.43	20.04	30.20	29.77	ppb
Antimony	121-1	2.77	2.73	2.66	2.72	2.04	ppb
Arsenic	75-2	2.20	1.95	2.38	2.18	9.85	ppb
Barium	135-1	0.22	0.17	0.11	0.17	33.26	ppb
Barium	137-1	0.22	0.19	0.27	0.22	16.75	ppb
Beryllium	9-1	1.31	1.25	1.18	1.25	5.34	ppb
Bismuth	209-1				106		%
Bismuth	209-2				103		%
Boron	10-1	2.51	1.80	1.57	1.96	25.09	ppb
Boron	11-1	2.37	2.44	2.31	2.37	2.68	ppb
Cadmium	111-1	2.81	2.80	2.60	2.74	4.42	ppb
Cadmium	106-1	1.53	-0.20	-0.96	0.12	1026.15	ppb
Cadmium	108-1	2.36	2.46	1.98	2.27	11.10	ppb
Calcium	43-1	32.62	8.64	26.18	22.48	55.21	ppb
Calcium	44-1	20.40	20.47	27.32	22.73	17.50	ppb
Chromium	52-2	3.09	2.74	2.79	2.88	6.59	ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	2.73	2.59	2.63	2.65	2.78	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				108		%
Indium	115-1				107		%
Indium	115-2				104		%
Iron	56-2	41.91	39.42	39.84	40.39	3.30	ppb
Iron	57-2	41.17	35.00	35.32	37.16	9.35	ppb
Lead	206-1	1.94	1.93	1.99	1.95	1.66	ppb
Lead	207-1	1.91	1.83	1.86	1.87	2.07	ppb
Lead	208-1	1.91	1.91	1.95	1.92	1.39	ppb
Lithium	6-1				105		%
Magnesium	24-2	14.84	12.34	10.88	12.69	15.77	ppb
Manganese	55-2	2.89	2.36	3.39	2.88	17.87	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.08	0.10	0.11	0.10	15.08	ppb
Molybdenum	95-1	-0.02	-0.02	-0.03	-0.02		ppb
Molybdenum	96-1	0.03	0.00	0.00	0.01	185.44	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	100.85	ppb
Molybdenum	98-1	-0.04	-0.03	-0.04	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.83	1.83	1.74	9.33	ppb
Phosphorus	31-2	-9.46	19.76	20.12	10.14	167.44	ppb
Potassium	39-2	10.38	18.48	14.01	14.29	28.42	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	15.75	2.62	6.66	8.34	80.59	ppb
Selenium	78-2	7.41	6.45	8.29	7.38	12.42	ppb
Selenium	82-1	5.02	5.40	6.43	5.61	13.03	ppb
Silicon	28-1	-0.32	-3.72	2.12	-0.64		ppb
Silver	109-1	1.97	1.88	1.95	1.93	2.52	ppb
Silver	107-1	1.93	1.94	1.92	1.93	0.51	ppb
Sodium	23-2	23.54	17.47	19.76	20.25	15.13	ppb
Strontium	86-1	0.33	0.32	0.31	0.32	2.99	ppb
Strontium	88-1	0.39	0.38	0.41	0.39	4.13	ppb
Sulfur	34-1	-936.17	-1023.75	-605.97	-855.29		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	1.29	1.27	1.37	1.31	3.82	ppb
Thallium	205-1	1.25	1.32	1.33	1.30	3.48	ppb
Tin	118-1	0.06	0.06	0.02	0.05	48.05	ppb
Titanium	47-1	0.25	0.34	0.51	0.37	37.09	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	6.59	5.93	6.17	6.23	5.40	ppb
Yttrium	89-1				106		%
Yttrium	89-2				103		%
Zinc	66-2	4.82	4.53	4.55	4.63	3.48	ppb
Zirconium	90-1	0.17	0.16	0.17	0.17	5.15	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.20	0.15	0.19	0.18	14.84	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	597.93	556.79	537.61	564.11	5.46	ppb
Antimony	121-1	34.85	34.09	35.08	34.67	1.48	ppb
Arsenic	75-2	19.27	18.18	18.40	18.62	3.09	ppb
Barium	135-1	418.85	410.57	415.52	414.98	1.00	ppb
Barium	137-1	417.23	412.45	415.43	415.04	0.58	ppb
Beryllium	9-1	16.11	16.29	16.15	16.18	0.59	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	3.90	3.93	2.71	3.51	19.83	ppb
Boron	11-1	3.76	2.96	3.57	3.43	12.27	ppb
Cadmium	111-1	25.44	24.85	25.83	25.37	1.95	ppb
Cadmium	106-1	22.44	21.13	19.34	20.97	7.42	ppb
Cadmium	108-1	24.21	22.60	24.01	23.61	3.72	ppb
Calcium	43-1	202.94	210.23	221.44	211.54	4.41	ppb
Calcium	44-1	194.63	202.91	200.42	199.32	2.13	ppb
Chromium	52-2	55.76	53.68	53.84	54.43	2.12	ppb
Cobalt	59-2	102.41	98.80	100.71	100.64	1.80	ppb
Copper	63-2	63.26	61.58	62.35	62.40	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				108		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	414.81	403.08	406.82	408.24	1.47	ppb
Iron	57-2	426.80	418.11	408.16	417.69	2.23	ppb
Lead	206-1	13.88	14.30	13.87	14.02	1.76	ppb
Lead	207-1	13.43	13.86	13.29	13.53	2.20	ppb
Lead	208-1	13.69	13.94	13.68	13.77	1.04	ppb
Lithium	6-1				108		%
Magnesium	24-2	67.97	59.66	68.04	65.22	7.38	ppb
Manganese	55-2	119.69	119.20	115.49	118.13	1.94	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.51	0.53	0.53	0.52	1.83	ppb
Molybdenum	95-1	0.02	0.01	0.01	0.01	25.79	ppb
Molybdenum	96-1	0.16	0.14	0.11	0.14	16.87	ppb
Molybdenum	97-1	0.10	0.05	0.01	0.05	87.03	ppb
Molybdenum	98-1	0.02	0.00	0.01	0.01	95.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	111.64	110.29	112.34	111.42	0.94	ppb
Phosphorus	31-2	-10.15	-25.63	-10.41	-15.40		ppb
Potassium	39-2	78.09	90.11	74.23	80.81	10.24	ppb
Rhodium	103-1				106		%
Rhodium	103-2				109		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	55.81	75.74	60.94	64.16	16.13	ppb
Selenium	78-2	41.68	49.19	52.39	47.75	11.51	ppb
Selenium	82-1	48.88	49.58	48.08	48.85	1.54	ppb
Silicon	28-1	87.01	84.55	85.05	85.54	1.52	ppb
Silver	109-1	19.10	19.19	19.69	19.32	1.64	ppb
Silver	107-1	19.84	19.42	19.56	19.61	1.12	ppb
Sodium	23-2	76.36	72.36	70.69	73.14	3.98	ppb
Strontium	86-1	1.91	1.95	2.08	1.98	4.62	ppb
Strontium	88-1	1.93	1.98	1.97	1.96	1.33	ppb
Sulfur	34-1	-793.95	-803.10	-808.00	-801.68		ppb
Terbium	159-1				106		%
Terbium	159-2				109		%
Thallium	203-1	16.54	16.97	16.36	16.62	1.88	ppb
Thallium	205-1	16.64	16.76	16.89	16.76	0.75	ppb
Tin	118-1	0.27	0.25	0.31	0.28	11.68	ppb
Titanium	47-1	2.26	2.09	1.97	2.11	7.03	ppb
Uranium	238-1	-0.04	-0.03	-0.04	-0.03		ppb
Vanadium	51-2	131.59	129.49	130.06	130.38	0.83	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	128.22	123.36	124.75	125.45	1.99	ppb
Zirconium	90-1	0.76	0.81	0.81	0.79	4.00	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.79	0.75	0.80	0.78	3.53	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49249.20	48653.95	48979.89	48961.01	0.61	ppb
Antimony	121-1	507.68	504.53	515.43	509.21	1.10	ppb
Arsenic	75-2	489.17	481.39	487.00	485.86	0.83	ppb
Barium	135-1	2573.25	2570.32	2626.43	2590.00	1.22	ppb
Barium	137-1	2548.24	2583.00	2581.83	2571.02	0.77	ppb
Beryllium	9-1	498.23	505.67	507.62	503.84	0.98	ppb
Bismuth	209-1				111		%
Bismuth	209-2				104		%
Boron	10-1	484.74	508.78	511.02	501.52	2.91	ppb
Boron	11-1	486.73	499.05	512.25	499.35	2.56	ppb
Cadmium	111-1	496.19	493.20	502.98	497.45	1.01	ppb
Cadmium	106-1	500.67	507.49	513.11	507.09	1.23	ppb
Cadmium	108-1	494.35	487.76	500.70	494.27	1.31	ppb
Calcium	43-1	243338.59	245303.32	247229.45	245290.45	0.79	ppb
Calcium	44-1	243903.67	244191.58	246906.84	245000.70	0.68	ppb
Chromium	52-2	498.83	496.07	495.28	496.73	0.37	ppb
Cobalt	59-2	485.55	482.86	481.60	483.34	0.42	ppb
Copper	63-2	975.59	968.28	964.82	969.57	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				118		%
Holmium	165-2				112		%
Indium	115-1				106		%
Indium	115-2				100		%
Iron	56-2	123548.75	123455.46	124250.73	123751.65	0.35	ppb
Iron	57-2	126077.48	126061.78	126063.22	126067.49	0.01	ppb
Lead	206-1	504.27	515.13	517.40	512.27	1.37	ppb
Lead	207-1	504.78	515.53	513.23	511.18	1.11	ppb
Lead	208-1	509.34	519.17	518.53	515.68	1.07	ppb
Lithium	6-1				105		%
Magnesium	24-2	248823.61	246626.91	247780.77	247743.76	0.44	ppb
Manganese	55-2	984.84	982.60	980.53	982.66	0.22	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	506.54	515.55	523.76	515.28	1.67	ppb
Molybdenum	95-1	510.99	511.85	506.09	509.64	0.61	ppb
Molybdenum	96-1	513.59	514.77	507.36	511.91	0.78	ppb
Molybdenum	97-1	493.98	500.45	497.24	497.22	0.65	ppb
Molybdenum	98-1	507.06	519.63	513.11	513.27	1.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.05	488.93	484.19	486.72	0.49	ppb
Phosphorus	31-2	10885.94	10315.00	9721.64	10307.53	5.65	ppb
Potassium	39-2	126505.69	127580.25	128782.42	127622.79	0.89	ppb
Rhodium	103-1				103		%
Rhodium	103-2				103		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	475.88	470.96	612.61	519.81	15.47	ppb
Selenium	78-2	523.48	490.82	519.45	511.25	3.48	ppb
Selenium	82-1	489.47	494.81	492.86	492.38	0.55	ppb
Silicon	28-1	521.41	527.64	543.83	530.96	2.18	ppb
Silver	109-1	502.84	499.42	510.41	504.23	1.12	ppb
Silver	107-1	506.19	505.13	516.16	509.16	1.20	ppb
Sodium	23-2	247639.95	246250.89	243771.20	245887.34	0.80	ppb
Strontium	86-1	506.20	508.09	513.91	509.40	0.79	ppb
Strontium	88-1	521.66	517.28	522.01	520.32	0.51	ppb
Sulfur	34-1	9912.57	10021.62	10100.34	10011.51	0.94	ppb
Terbium	159-1				115		%
Terbium	159-2				112		%
Thallium	203-1	511.58	516.71	512.01	513.43	0.55	ppb
Thallium	205-1	511.20	521.96	519.80	517.65	1.10	ppb
Tin	118-1	507.84	511.58	522.31	513.91	1.46	ppb
Titanium	47-1	505.70	504.78	508.85	506.44	0.42	ppb
Uranium	238-1	506.85	516.01	521.35	514.74	1.42	ppb
Vanadium	51-2	501.55	499.73	498.90	500.06	0.27	ppb
Yttrium	89-1				108		%
Yttrium	89-2				104		%
Zinc	66-2	969.12	975.30	973.71	972.71	0.33	ppb
Zirconium	90-1	507.85	514.59	515.10	512.51	0.79	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.23	514.21	517.38	514.94	0.42	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.65	4.15	-1.61	1.06	272.62	ppb
Antimony	121-1	0.40	0.39	0.36	0.39	5.27	ppb
Arsenic	75-2	-0.07	-0.05	-0.05	-0.05		ppb
Barium	135-1	-0.11	-0.08	-0.07	-0.09		ppb
Barium	137-1	-0.06	-0.06	-0.08	-0.07		ppb
Beryllium	9-1	-0.08	-0.06	-0.03	-0.06		ppb
Bismuth	209-1				112		%
Bismuth	209-2				108		%
Boron	10-1	10.21	10.63	9.97	10.27	3.26	ppb
Boron	11-1	11.86	10.66	9.56	10.70	10.74	ppb
Cadmium	111-1	-0.23	-0.24	-0.14	-0.20		ppb
Cadmium	106-1	-3.04	-3.11	-1.91	-2.69		ppb
Cadmium	108-1	-0.03	0.01	0.08	0.02	257.64	ppb
Calcium	43-1	-22.19	-17.83	-17.64	-19.22		ppb
Calcium	44-1	-21.21	-15.77	-18.11	-18.36		ppb
Chromium	52-2	-0.19	-0.12	-0.19	-0.17		ppb
Cobalt	59-2	-0.04	-0.06	-0.05	-0.05		ppb
Copper	63-2	0.11	0.08	0.12	0.10	22.00	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				113		%
Holmium	165-2				111		%
Indium	115-1				109		%
Indium	115-2				105		%
Iron	56-2	0.55	0.56	0.65	0.59	9.28	ppb
Iron	57-2	0.08	1.60	0.52	0.73	106.34	ppb
Lead	206-1	-0.03	-0.01	-0.05	-0.03		ppb
Lead	207-1	0.00	0.01	-0.01	0.00	1292.62	ppb
Lead	208-1	-0.02	0.00	-0.02	-0.01		ppb
Lithium	6-1				106		%
Magnesium	24-2	-0.40	-4.27	0.91	-1.25		ppb
Manganese	55-2	-0.07	-0.38	-0.24	-0.23		ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	94-1	0.04	0.02	0.05	0.04	39.13	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	0.03	0.03	0.02	0.03	7.36	ppb
Molybdenum	97-1	0.03	0.04	0.04	0.04	22.41	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	30.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.10	-0.01	-0.05		ppb
Phosphorus	31-2	-25.63	-10.23	-10.25	-15.37		ppb
Potassium	39-2	-16.40	9.83	5.17	-0.47		ppb
Rhodium	103-1				107		%
Rhodium	103-2				109		%
Scandium	45-1				103		%
Scandium	45-2				104		%
Selenium	77-2	-1.55	-1.55	2.64	-0.15		ppb
Selenium	78-2	0.43	0.43	-0.89	-0.01		ppb
Selenium	82-1	-0.11	0.39	-0.07	0.07	393.08	ppb
Silicon	28-1	-17.72	-19.35	-16.80	-17.96		ppb
Silver	109-1	0.05	0.07	0.05	0.06	19.29	ppb
Silver	107-1	0.05	0.05	0.05	0.05	3.98	ppb
Sodium	23-2	41.67	43.85	43.91	43.14	2.97	ppb
Strontium	86-1	0.02	-0.01	-0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	117.95	ppb
Sulfur	34-1	-825.76	-856.53	-656.13	-779.48		ppb
Terbium	159-1				112		%
Terbium	159-2				110		%
Thallium	203-1	0.03	0.04	0.01	0.03	48.72	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	35.60	ppb
Tin	118-1	0.19	0.16	0.15	0.17	12.30	ppb
Titanium	47-1	0.06	0.12	-0.02	0.05	137.34	ppb
Uranium	238-1	-0.06	-0.06	-0.07	-0.06		ppb
Vanadium	51-2	-0.03	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				107		%
Yttrium	89-2				104		%
Zinc	66-2	0.04	-0.27	-0.08	-0.10		ppb
Zirconium	90-1	0.04	0.03	0.04	0.04	24.32	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.04	0.04	0.03	49.11	ppb

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	17	19	65.48	cps
Antimony	121-1	25	25	42	31	31.50	cps
Arsenic	75-2	9	11	7	9	19.98	cps
Barium	135-1	192	175	142	169	15.03	cps
Barium	137-1	267	250	175	231	21.18	cps
Beryllium	9-1	339	372	328	346	6.68	cps
Bismuth	209-1	3873563	3858837	3875051	3869150	0.23	cps
Bismuth	209-2	1483697	1483663	1318456	1428605	6.68	cps
Boron	10-1	208	258	192	219	15.81	cps
Boron	11-1	908	808	808	842	6.86	cps
Cadmium	111-1	1236	1227	1274	1246	1.99	cps
Cadmium	106-1	1684	1659	1759	1700	3.06	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	2184	2192	2034	2136	4.17	cps
Calcium	44-1	44187	44772	45174	44711	1.11	cps
Chromium	52-2	1060	1107	1023	1063	3.93	cps
Cobalt	59-2	140	113	163	139	18.01	cps
Copper	63-2	300	230	217	249	17.99	cps
Dysprosium	156-1	33	17	50	33	49.99	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	58	92	58	69	27.71	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	6353452	6300702	6392926	6349027	0.73	cps
Holmium	165-2	1882224	1856926	1660962	1800037	6.73	cps
Indium	115-1	6135214	6109380	6146049	6130214	0.31	cps
Indium	115-2	354786	350933	316681	340800	6.16	cps
Iron	56-2	3006	2906	2950	2954	1.70	cps
Iron	57-2	100	89	78	89	12.50	cps
Lead	206-1	644	633	617	632	2.21	cps
Lead	207-1	483	561	506	517	7.75	cps
Lead	208-1	2506	2311	2211	2343	6.39	cps
Lithium	6-1	1190631	1184550	1175072	1183417	0.66	cps
Magnesium	24-2	283	383	300	322	16.63	cps
Manganese	55-2	170	137	157	154	10.86	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	275	250	267	264	4.82	cps
Molybdenum	95-1	117	208	150	158	29.31	cps
Molybdenum	96-1	350	267	158	258	37.20	cps
Molybdenum	97-1	175	92	83	117	43.45	cps
Molybdenum	98-1	367	275	250	297	20.67	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	387	360	403	383	5.70	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	3534	3392	3317	3414	3.22	cps
Rhodium	103-1	5954928	5897130	5984093	5945383	0.74	cps
Rhodium	103-2	1863065	1840590	1641835	1781830	6.83	cps
Scandium	45-1	4164036	4151721	4192506	4169421	0.50	cps
Scandium	45-2	42257	41010	36772	40013	7.19	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	-56	-112	30	-46	-155.61	cps
Silicon	28-1	487906	499708	486349	491321	1.49	cps
Silver	109-1	58	42	50	50	16.67	cps
Silver	107-1	50	58	75	61	20.83	cps
Sodium	23-2	4067	4501	4984	4518	10.15	cps
Strontium	86-1	692	883	858	811	12.85	cps
Strontium	88-1	158	183	133	158	15.79	cps
Sulfur	34-1	385060	388662	389627	387783	0.62	cps
Terbium	159-1	6801441	6821012	6816380	6812944	0.15	cps
Terbium	159-2	1840559	1831462	1628811	1766944	6.78	cps
Thallium	203-1	192	208	133	178	22.15	cps
Thallium	205-1	400	550	375	442	21.43	cps
Tin	118-1	517	417	500	478	11.21	cps
Titanium	47-1	133	108	242	161	43.99	cps
Uranium	238-1	1442	983	767	1064	32.40	cps
Vanadium	51-2	53	20	17	30	67.58	cps
Yttrium	89-1	6887559	6811922	6900053	6866511	0.69	cps
Yttrium	89-2	269321	267199	240634	259051	6.17	cps
Zinc	66-2	90	107	97	98	8.58	cps
Zirconium	90-1	367	467	408	414	12.14	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S00	Instrumnet Name :	P8
Client Sample ID :	S00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:03:44	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	108	75	100	22.05	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	125	158	156	18.81	cps
Antimony	121-1	14500	13633	14116	14083	3.09	cps
Arsenic	75-2	111	107	120	113	5.91	cps
Barium	135-1	12965	12907	12848	12907	0.45	cps
Barium	137-1	23363	23188	22512	23021	1.95	cps
Beryllium	9-1	1528	1567	1289	1461	10.29	cps
Bismuth	209-1	3913172	3889530	3900142	3900948	0.30	cps
Bismuth	209-2	1507403	1497136	1503253	1502597	0.34	cps
Boron	10-1	3526	3434	3584	3514	2.15	cps
Boron	11-1	15526	15868	15901	15765	1.32	cps
Cadmium	111-1	2852	2640	2763	2752	3.88	cps
Cadmium	106-1	1934	1734	1975	1881	6.87	cps
Cadmium	108-1	121	88	142	117	23.42	cps
Calcium	43-1	10021	10263	10087	10124	1.23	cps
Calcium	44-1	179569	177972	177661	178401	0.57	cps
Chromium	52-2	2857	3070	2737	2888	5.85	cps
Cobalt	59-2	1954	1883	1887	1908	2.07	cps
Copper	63-2	3704	3857	3794	3785	2.04	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	0	8	11	114.58	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	0	7	17	8	107.84	cps
Holmium	165-1	6706964	6582790	6494426	6594727	1.62	cps
Holmium	165-2	1973790	1934298	1944639	1950909	1.05	cps
Indium	115-1	6419441	6287950	6284967	6330786	1.21	cps
Indium	115-2	364103	367629	365520	365751	0.49	cps
Iron	56-2	32060	31146	31586	31597	1.45	cps
Iron	57-2	839	806	739	794	6.41	cps
Lead	206-1	4651	4701	4640	4664	0.70	cps
Lead	207-1	4490	4117	4295	4301	4.33	cps
Lead	208-1	18928	18517	18467	18637	1.36	cps
Lithium	6-1	1210865	1215967	1198819	1208551	0.73	cps
Magnesium	24-2	15868	15726	15426	15673	1.44	cps
Manganese	55-2	447	493	377	439	13.38	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	11605	11697	12448	11917	3.88	cps
Molybdenum	95-1	14191	14183	14800	14392	2.46	cps
Molybdenum	96-1	15943	16044	16444	16144	1.64	cps
Molybdenum	97-1	9003	8928	9470	9134	3.22	cps
Molybdenum	98-1	23162	23763	24256	23727	2.31	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	860	957	970	929	6.46	cps
Phosphorus	31-2	25	17	0	14	91.65	cps
Potassium	39-2	12865	12931	12381	12726	2.36	cps
Rhodium	103-1	6187601	6112126	6182440	6160723	0.68	cps
Rhodium	103-2	1923008	1928948	1950461	1934139	0.75	cps
Scandium	45-1	4289766	4185116	4229017	4234633	1.24	cps
Scandium	45-2	43531	43324	43300	43385	0.29	cps
Selenium	77-2	13	0	0	4	173.21	cps
Selenium	78-2	11	24	20	19	36.05	cps
Selenium	82-1	591	508	505	535	9.17	cps
Silicon	28-1	519991	516762	527248	521334	1.03	cps
Silver	109-1	9437	9504	9345	9429	0.84	cps
Silver	107-1	9912	9245	9954	9704	4.10	cps
Sodium	23-2	42690	42305	43793	42929	1.80	cps
Strontium	86-1	2975	2700	2642	2773	6.42	cps
Strontium	88-1	17278	17312	17095	17228	0.68	cps
Sulfur	34-1	380959	381923	386098	382994	0.71	cps
Terbium	159-1	7015883	7038175	6996171	7016743	0.30	cps
Terbium	159-2	1925151	1945655	1912804	1927870	0.86	cps
Thallium	203-1	4468	3942	4326	4245	6.40	cps
Thallium	205-1	10054	9262	10388	9902	5.84	cps
Tin	118-1	23296	22837	23288	23140	1.14	cps
Titanium	47-1	4426	4684	4676	4595	3.20	cps
Uranium	238-1	12499	12165	12974	12546	3.24	cps
Vanadium	51-2	3090	3297	3087	3158	3.81	cps
Yttrium	89-1	7165149	7171375	7105879	7147468	0.51	cps
Yttrium	89-2	275386	278097	278342	277275	0.59	cps
Zinc	66-2	387	440	433	420	6.92	cps
Zirconium	90-1	10746	10463	10763	10657	1.58	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S02	Instrumnet Name :	P8
Client Sample ID :	S02	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:10:40	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2384	2292	2359	2345	2.02	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7419	7361	7177	7319	1.72	cps
Antimony	121-1	378956	383512	378042	380170	0.77	cps
Arsenic	75-2	6075	5977	5822	5958	2.15	cps
Barium	135-1	381613	387845	386729	385395	0.86	cps
Barium	137-1	669773	673747	673275	672265	0.32	cps
Beryllium	9-1	70020	69785	71276	70361	1.14	cps
Bismuth	209-1	3957640	4013393	3994769	3988600	0.71	cps
Bismuth	209-2	1533491	1534855	1449077	1505808	3.26	cps
Boron	10-1	8144	7536	8653	8111	6.90	cps
Boron	11-1	36814	37742	38461	37673	2.19	cps
Cadmium	111-1	87540	87318	87100	87319	0.25	cps
Cadmium	106-1	10329	10530	10646	10502	1.53	cps
Cadmium	108-1	5993	6152	5881	6008	2.27	cps
Calcium	43-1	95985	97697	96489	96724	0.91	cps
Calcium	44-1	1636719	1646307	1641529	1641518	0.29	cps
Chromium	52-2	50207	49795	50508	50170	0.71	cps
Cobalt	59-2	103118	104586	103363	103689	0.76	cps
Copper	63-2	174888	177386	176636	176304	0.73	cps
Dysprosium	156-1	8	42	33	28	62.46	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	8	50	36	66.62	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	17	13	10	13	25.01	cps
Holmium	165-1	6696394	6714063	6734661	6715039	0.29	cps
Holmium	165-2	1965314	1969178	1879007	1937833	2.63	cps
Indium	115-1	6434776	6452231	6452014	6446340	0.16	cps
Indium	115-2	367521	366180	347133	360278	3.17	cps
Iron	56-2	1689174	1688926	1710470	1696190	0.73	cps
Iron	57-2	41105	41757	42220	41694	1.34	cps
Lead	206-1	189201	188815	190086	189367	0.34	cps
Lead	207-1	169658	170970	170688	170438	0.41	cps
Lead	208-1	768196	771077	772074	770449	0.26	cps
Lithium	6-1	1243072	1230887	1240287	1238082	0.52	cps
Magnesium	24-2	183741	182362	182972	183025	0.38	cps
Manganese	55-2	27651	27952	28890	28164	2.30	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	319283	319949	320503	319912	0.19	cps
Molybdenum	95-1	168946	171994	170162	170367	0.90	cps
Molybdenum	96-1	219475	223563	218339	220459	1.25	cps
Molybdenum	97-1	107600	105878	106123	106534	0.87	cps
Molybdenum	98-1	271974	275619	274786	274126	0.70	cps
Neodymium	150-1	7	20	20	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30250	30848	30189	30429	1.20	cps
Phosphorus	31-2	575	542	667	594	10.89	cps
Potassium	39-2	59250	58288	59092	58877	0.88	cps
Rhodium	103-1	6212795	6154235	6181977	6183002	0.47	cps
Rhodium	103-2	1926283	1955364	1811121	1897590	4.02	cps
Scandium	45-1	4307259	4317733	4339627	4321539	0.38	cps
Scandium	45-2	43467	43370	41027	42621	3.24	cps
Selenium	77-2	27	50	47	41	30.69	cps
Selenium	78-2	187	137	150	158	16.42	cps
Selenium	82-1	5682	5793	5906	5794	1.94	cps
Silicon	28-1	734642	742862	742595	740033	0.63	cps
Silver	109-1	407613	409507	409012	408711	0.24	cps
Silver	107-1	430683	428953	426996	428877	0.43	cps
Sodium	23-2	448686	444976	451116	448259	0.69	cps
Strontium	86-1	112603	113966	113872	113480	0.67	cps
Strontium	88-1	972530	973632	968810	971657	0.26	cps
Sulfur	34-1	428881	433940	433161	431994	0.63	cps
Terbium	159-1	7134212	7213027	7233307	7193515	0.73	cps
Terbium	159-2	1956765	1928112	1823122	1902667	3.70	cps
Thallium	203-1	234215	234656	239197	236023	1.17	cps
Thallium	205-1	557449	562820	563798	561356	0.61	cps
Tin	118-1	267592	265540	265086	266073	0.50	cps
Titanium	47-1	53093	51554	51270	51972	1.89	cps
Uranium	238-1	689698	708467	708413	702193	1.54	cps
Vanadium	51-2	37012	36872	36869	36918	0.22	cps
Yttrium	89-1	7141735	7208130	7186854	7178907	0.47	cps
Yttrium	89-2	281129	279135	265558	275274	3.08	cps
Zinc	66-2	16343	16760	17144	16749	2.39	cps
Zirconium	90-1	612019	612053	611346	611806	0.07	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S03	Instrumnet Name :	P8
Client Sample ID :	S03	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:14:08	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	135763	136916	138777	137152	1.11	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18296	18696	18020	18338	1.85	cps
Antimony	121-1	971135	968964	968611	969570	0.14	cps
Arsenic	75-2	14832	15183	14610	14875	1.94	cps
Barium	135-1	984445	980074	980453	981658	0.25	cps
Barium	137-1	1740780	1736992	1709380	1729051	0.99	cps
Beryllium	9-1	177559	176968	177802	177443	0.24	cps
Bismuth	209-1	4083163	4080889	4055960	4073338	0.37	cps
Bismuth	209-2	1528267	1535353	1523038	1528886	0.40	cps
Boron	10-1	20340	19597	20799	20246	3.00	cps
Boron	11-1	93092	95836	95485	94804	1.58	cps
Cadmium	111-1	220874	219581	217451	219302	0.79	cps
Cadmium	106-1	24857	24164	24456	24493	1.42	cps
Cadmium	108-1	15663	15651	15188	15501	1.75	cps
Calcium	43-1	241934	239453	241140	240842	0.53	cps
Calcium	44-1	4011948	4001483	3979020	3997484	0.42	cps
Chromium	52-2	124420	124592	123089	124034	0.66	cps
Cobalt	59-2	256821	258349	257496	257555	0.30	cps
Copper	63-2	438716	439708	436922	438449	0.32	cps
Dysprosium	156-1	75	17	33	42	72.11	cps
Dysprosium	156-2	7	10	0	6	91.64	cps
Erbium	164-1	58	50	83	64	27.15	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	117	125	58	100	36.32	cps
Gadolinium	160-2	27	20	17	21	24.12	cps
Holmium	165-1	6738616	6809650	6853730	6800665	0.85	cps
Holmium	165-2	1951272	1989882	1958289	1966481	1.05	cps
Indium	115-1	6513570	6429928	6461153	6468217	0.65	cps
Indium	115-2	362136	363951	364302	363463	0.32	cps
Iron	56-2	4142916	4206008	4164096	4171007	0.77	cps
Iron	57-2	104182	105099	104646	104642	0.44	cps
Lead	206-1	490319	483900	487077	487099	0.66	cps
Lead	207-1	441075	435419	438864	438453	0.65	cps
Lead	208-1	1984449	1969049	1981080	1978193	0.41	cps
Lithium	6-1	1227677	1229171	1227949	1228266	0.06	cps
Magnesium	24-2	453044	452838	450892	452258	0.26	cps
Manganese	55-2	69937	70433	69978	70116	0.39	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	819756	815858	813503	816372	0.39	cps
Molybdenum	95-1	434291	433300	434553	434048	0.15	cps
Molybdenum	96-1	561389	556230	562340	559987	0.59	cps
Molybdenum	97-1	268886	267542	269836	268755	0.43	cps
Molybdenum	98-1	687704	687645	695463	690271	0.65	cps
Neodymium	150-1	47	127	53	76	58.75	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	74978	76002	75118	75366	0.74	cps
Phosphorus	31-2	1358	1300	1458	1372	5.84	cps
Potassium	39-2	139685	141831	140182	140566	0.80	cps
Rhodium	103-1	6151728	6135877	6205011	6164205	0.59	cps
Rhodium	103-2	1935780	1899296	1919796	1918291	0.95	cps
Scandium	45-1	4317801	4313865	4344502	4325390	0.39	cps
Scandium	45-2	42798	43400	43133	43111	0.70	cps
Selenium	77-2	120	123	147	130	11.18	cps
Selenium	78-2	378	383	402	388	3.25	cps
Selenium	82-1	14563	14425	14515	14501	0.48	cps
Silicon	28-1	997364	1011679	988023	999022	1.19	cps
Silver	109-1	1036232	1037745	1022209	1032062	0.83	cps
Silver	107-1	1087750	1082805	1082801	1084452	0.26	cps
Sodium	23-2	1135322	1146422	1136537	1139427	0.53	cps
Strontium	86-1	286779	283291	282455	284175	0.81	cps
Strontium	88-1	2469989	2511897	2496958	2492948	0.85	cps
Sulfur	34-1	484473	481486	481525	482495	0.36	cps
Terbium	159-1	7266694	7216719	7279880	7254431	0.46	cps
Terbium	159-2	1953505	1959850	1928841	1947399	0.84	cps
Thallium	203-1	600977	601290	608402	603556	0.70	cps
Thallium	205-1	1448700	1428098	1457871	1444890	1.06	cps
Tin	118-1	670691	676532	668930	672051	0.59	cps
Titanium	47-1	127955	130749	131715	130140	1.50	cps
Uranium	238-1	1871999	1863914	1856349	1864087	0.42	cps
Vanadium	51-2	92312	92121	91865	92099	0.24	cps
Yttrium	89-1	7227388	7190173	7299020	7238860	0.76	cps
Yttrium	89-2	277368	279393	277392	278051	0.42	cps
Zinc	66-2	40780	41385	40797	40987	0.84	cps
Zirconium	90-1	1571496	1571605	1590655	1577919	0.70	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S04	Instrumnet Name :	P8
Client Sample ID :	S04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:17:36	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	349175	347437	346733	347781	0.36	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	36281	36314	36130	36242	0.27	cps
Antimony	121-1	2005566	1997793	1999184	2000848	0.21	cps
Arsenic	75-2	29416	29066	28938	29140	0.85	cps
Barium	135-1	2000984	2034987	2019864	2018612	0.84	cps
Barium	137-1	3478798	3495506	3495789	3490031	0.28	cps
Beryllium	9-1	351753	353123	348710	351195	0.64	cps
Bismuth	209-1	4067522	4135945	4167539	4123669	1.24	cps
Bismuth	209-2	1536021	1536856	1521676	1531518	0.56	cps
Boron	10-1	40391	41745	41478	41205	1.74	cps
Boron	11-1	184351	189806	189003	187720	1.57	cps
Cadmium	111-1	436061	438496	439711	438089	0.42	cps
Cadmium	106-1	47041	47409	47083	47178	0.43	cps
Cadmium	108-1	30527	31195	31119	30947	1.18	cps
Calcium	43-1	479556	478306	472319	476727	0.81	cps
Calcium	44-1	7795251	7874690	7711014	7793652	1.05	cps
Chromium	52-2	244190	246161	244274	244875	0.46	cps
Cobalt	59-2	508707	506150	505935	506931	0.30	cps
Copper	63-2	864730	859317	850836	858294	0.82	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	3	13	17	11	62.48	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	17	13	10	13	25.01	cps
Gadolinium	160-1	117	67	117	100	28.87	cps
Gadolinium	160-2	10	23	20	18	39.03	cps
Holmium	165-1	6839600	7084860	6953813	6959424	1.76	cps
Holmium	165-2	1968570	1977978	1966737	1971095	0.31	cps
Indium	115-1	6362256	6483574	6580255	6475361	1.69	cps
Indium	115-2	358220	355384	354971	356192	0.50	cps
Iron	56-2	8070846	8099464	8018168	8062826	0.51	cps
Iron	57-2	205792	207391	202817	205334	1.13	cps
Lead	206-1	992611	1003296	1011451	1002453	0.94	cps
Lead	207-1	894177	896720	899952	896950	0.32	cps
Lead	208-1	4070394	4107162	4080859	4086138	0.46	cps
Lithium	6-1	1207357	1258071	1226854	1230761	2.08	cps
Magnesium	24-2	906057	898356	904892	903102	0.46	cps
Manganese	55-2	137600	136109	135886	136532	0.68	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	1651311	1687505	1667502	1668772	1.09	cps
Molybdenum	95-1	876862	882250	870576	876563	0.67	cps
Molybdenum	96-1	1126977	1128635	1117101	1124238	0.55	cps
Molybdenum	97-1	540321	541764	539976	540687	0.18	cps
Molybdenum	98-1	1387023	1404613	1411617	1401084	0.90	cps
Neodymium	150-1	60	87	107	84	27.73	cps
Neodymium	150-2	3	0	7	3	100.05	cps
Nickel	60-2	147006	148027	147067	147367	0.39	cps
Phosphorus	31-2	2492	2884	3034	2803	9.98	cps
Potassium	39-2	270826	273551	271353	271910	0.53	cps
Rhodium	103-1	6042434	6240105	6204695	6162411	1.71	cps
Rhodium	103-2	1895483	1910148	1868560	1891397	1.12	cps
Scandium	45-1	4235744	4342469	4307354	4295189	1.27	cps
Scandium	45-2	42969	43417	42317	42901	1.29	cps
Selenium	77-2	223	257	207	229	11.12	cps
Selenium	78-2	785	704	641	710	10.20	cps
Selenium	82-1	28621	28321	28743	28561	0.76	cps
Silicon	28-1	1475049	1481152	1489269	1481824	0.48	cps
Silver	109-1	2077320	2090391	2087409	2085040	0.33	cps
Silver	107-1	2192503	2203144	2192536	2196061	0.28	cps
Sodium	23-2	2220412	2231584	2224979	2225658	0.25	cps
Strontium	86-1	567036	578904	570965	572302	1.06	cps
Strontium	88-1	4978928	4981946	4972933	4977935	0.09	cps
Sulfur	34-1	550962	550093	550272	550442	0.08	cps
Terbium	159-1	7212316	7375784	7355950	7314683	1.22	cps
Terbium	159-2	1935898	1936997	1919192	1930695	0.52	cps
Thallium	203-1	1238039	1254358	1257653	1250017	0.84	cps
Thallium	205-1	2991663	3036233	3064231	3030709	1.21	cps
Tin	118-1	1361606	1372851	1361796	1365418	0.47	cps
Titanium	47-1	258402	259436	257154	258331	0.44	cps
Uranium	238-1	3823430	3843626	3771481	3812845	0.98	cps
Vanadium	51-2	180503	182397	180473	181124	0.61	cps
Yttrium	89-1	7102451	7356901	7208320	7222558	1.77	cps
Yttrium	89-2	275026	274699	273424	274383	0.31	cps
Zinc	66-2	80002	79057	79368	79476	0.61	cps
Zirconium	90-1	3169948	3201742	3164853	3178848	0.63	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S05	Instrumnet Name :	P8
Client Sample ID :	S05	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:21:01	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	703539	702348	688756	698215	1.18	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	69621	69755	69697	69691	0.10	cps
Antimony	121-1	4023598	4041875	4076492	4047322	0.66	cps
Arsenic	75-2	56969	57143	56083	56732	1.00	cps
Barium	135-1	4098629	4113052	4116554	4109412	0.23	cps
Barium	137-1	7122783	7045735	7115455	7094658	0.60	cps
Beryllium	9-1	698556	698674	701983	699738	0.28	cps
Bismuth	209-1	4361016	4382263	4419669	4387649	0.68	cps
Bismuth	209-2	1508037	1512539	1502737	1507771	0.33	cps
Boron	10-1	82093	82923	85052	83356	1.83	cps
Boron	11-1	372955	380366	383882	379068	1.47	cps
Cadmium	111-1	871972	880566	885162	879234	0.76	cps
Cadmium	106-1	92231	93145	92642	92673	0.49	cps
Cadmium	108-1	62963	61875	62021	62286	0.95	cps
Calcium	43-1	950686	957049	944868	950868	0.64	cps
Calcium	44-1	15641483	15632663	15648236	15640794	0.05	cps
Chromium	52-2	471758	471770	471079	471536	0.08	cps
Cobalt	59-2	983313	978763	978273	980117	0.28	cps
Copper	63-2	1701389	1688458	1681894	1690580	0.59	cps
Dysprosium	156-1	67	92	83	81	15.80	cps
Dysprosium	156-2	13	20	17	17	20.01	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	125	175	92	131	32.13	cps
Gadolinium	160-2	23	30	30	28	13.86	cps
Holmium	165-1	7452401	7368702	7415510	7412204	0.57	cps
Holmium	165-2	1957712	1945865	1941001	1948193	0.44	cps
Indium	115-1	6562979	6507328	6681384	6583897	1.35	cps
Indium	115-2	343268	340227	337663	340386	0.82	cps
Iron	56-2	15844874	15798804	15608795	15750824	0.79	cps
Iron	57-2	398967	395221	394190	396126	0.63	cps
Lead	206-1	2121404	2146341	2149085	2138943	0.71	cps
Lead	207-1	1896926	1920353	1927835	1915038	0.84	cps
Lead	208-1	8625933	8661922	8716535	8668130	0.53	cps
Lithium	6-1	1262473	1267682	1268172	1266109	0.25	cps
Magnesium	24-2	1823985	1785911	1816256	1808717	1.11	cps
Manganese	55-2	265099	264131	263074	264102	0.38	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3339464	3354487	3312549	3335500	0.64	cps
Molybdenum	95-1	1777616	1791492	1778223	1782443	0.44	cps
Molybdenum	96-1	2342078	2351888	2331575	2341847	0.43	cps
Molybdenum	97-1	1087313	1097263	1091101	1091892	0.46	cps
Molybdenum	98-1	2856893	2882302	2844664	2861286	0.67	cps
Neodymium	150-1	180	187	207	191	7.26	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	285201	282173	284117	283830	0.54	cps
Phosphorus	31-2	4859	5501	5351	5237	6.41	cps
Potassium	39-2	519624	518998	514571	517731	0.53	cps
Rhodium	103-1	6235966	6245224	6248405	6243198	0.10	cps
Rhodium	103-2	1879428	1843212	1831789	1851476	1.34	cps
Scandium	45-1	4374682	4335372	4314640	4341565	0.70	cps
Scandium	45-2	42160	41949	41963	42024	0.28	cps
Selenium	77-2	337	393	387	372	8.32	cps
Selenium	78-2	1472	1337	1345	1385	5.49	cps
Selenium	82-1	56990	57065	56840	56965	0.20	cps
Silicon	28-1	2349259	2346835	2369968	2355354	0.54	cps
Silver	109-1	4200465	4199501	4183118	4194362	0.23	cps
Silver	107-1	4418064	4404170	4371741	4397992	0.54	cps
Sodium	23-2	4342657	4276519	4324263	4314480	0.79	cps
Strontium	86-1	1141291	1137926	1151003	1143407	0.59	cps
Strontium	88-1	9893076	9910528	9903321	9902308	0.09	cps
Sulfur	34-1	696575	696249	686983	693269	0.79	cps
Terbium	159-1	7800904	7787051	7838839	7808931	0.34	cps
Terbium	159-2	1908770	1909485	1900102	1906119	0.27	cps
Thallium	203-1	2685031	2645931	2635286	2655416	0.99	cps
Thallium	205-1	6232095	6222352	6183609	6212685	0.41	cps
Tin	118-1	2757619	2807494	2838298	2801137	1.45	cps
Titanium	47-1	513952	511623	509660	511745	0.42	cps
Uranium	238-1	7910876	8025534	8018860	7985090	0.81	cps
Vanadium	51-2	354790	353434	351275	353167	0.50	cps
Yttrium	89-1	7356592	7341032	7423227	7373617	0.59	cps
Yttrium	89-2	266431	263859	263733	264674	0.58	cps
Zinc	66-2	154125	153121	151847	153031	0.75	cps
Zirconium	90-1	6331928	6321776	6405484	6353063	0.72	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S06	Instrumnet Name :	P8
Client Sample ID :	S06	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:24:19	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1428956	1427403	1410688	1422349	0.71	cps

LB Number : LB89998 Operator : Jaswal
 Lab Sample ID : S07 Instrumnet Name : P8
 Client Sample ID : S07 Dilution Factor : 1
 Date & Time Acquired :: 2017-09-08 12:27:32 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137024	134145	134826	135332	1.11	cps
Antimony	121-1	8030500	8092224	8017813	8046845	0.49	cps
Arsenic	75-2	107622	108123	107503	107749	0.31	cps
Barium	135-1	8149269	8180138	8166955	8165454	0.19	cps
Barium	137-1	14156294	14170449	14220997	14182580	0.24	cps
Beryllium	9-1	1393719	1397176	1381640	1390845	0.59	cps
Bismuth	209-1	4493794	4505224	4508485	4502501	0.17	cps
Bismuth	209-2	1467276	1289299	1447225	1401267	6.96	cps
Boron	10-1	159079	162451	163176	161569	1.35	cps
Boron	11-1	741529	753910	762181	752540	1.38	cps
Cadmium	111-1	1747774	1755543	1753004	1752107	0.23	cps
Cadmium	106-1	182842	179734	182274	181617	0.91	cps
Cadmium	108-1	124418	123282	124359	124019	0.52	cps
Calcium	43-1	1899439	1896933	1869928	1888767	0.87	cps
Calcium	44-1	30638132	30446610	30534930	30539891	0.31	cps
Chromium	52-2	912922	905976	899509	906135	0.74	cps
Cobalt	59-2	1916718	1888399	1906479	1903865	0.75	cps
Copper	63-2	3206340	3235175	3188776	3210097	0.73	cps
Dysprosium	156-1	125	133	158	139	12.49	cps
Dysprosium	156-2	37	23	13	24	47.91	cps
Erbium	164-1	25	25	108	53	91.16	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	133	183	92	136	33.72	cps
Gadolinium	160-2	27	40	23	30	29.40	cps
Holmium	165-1	7553419	7665097	7476335	7564950	1.25	cps
Holmium	165-2	1921665	1692253	1880928	1831615	6.68	cps
Indium	115-1	6598028	6573758	6509223	6560336	0.70	cps
Indium	115-2	323774	279846	316038	306553	7.65	cps
Iron	56-2	30340537	30183655	29955278	30159823	0.64	cps
Iron	57-2	761997	755127	754636	757253	0.54	cps
Lead	206-1	4323433	4323373	4319454	4322087	0.05	cps
Lead	207-1	3877707	3907666	3904683	3896685	0.42	cps
Lead	208-1	17371898	17526335	17491726	17463320	0.46	cps
Lithium	6-1	1260188	1268894	1243573	1257552	1.02	cps
Magnesium	24-2	3464083	3466164	3440435	3456894	0.41	cps
Manganese	55-2	507803	507968	500916	505562	0.80	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:27:32	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	6510283	6470780	6510008	6497023	0.35	cps
Molybdenum	95-1	3499039	3445951	3489640	3478210	0.81	cps
Molybdenum	96-1	4579069	4583422	4595771	4586087	0.19	cps
Molybdenum	97-1	2196055	2195947	2194013	2195339	0.05	cps
Molybdenum	98-1	5645808	5611428	5608260	5621832	0.37	cps
Neodymium	150-1	287	220	367	291	25.23	cps
Neodymium	150-2	3	10	13	9	57.30	cps
Nickel	60-2	542019	541592	535629	539747	0.66	cps
Phosphorus	31-2	9979	10471	10096	10182	2.53	cps
Potassium	39-2	993198	991727	978734	987886	0.81	cps
Rhodium	103-1	6230363	6116613	6106186	6151054	1.12	cps
Rhodium	103-2	1781429	1539036	1769952	1696805	8.06	cps
Scandium	45-1	4249973	4261239	4235167	4248793	0.31	cps
Scandium	45-2	40716	35295	39786	38599	7.51	cps
Selenium	77-2	667	773	740	727	7.51	cps
Selenium	78-2	2580	2504	2458	2514	2.45	cps
Selenium	82-1	112608	111846	112249	112235	0.34	cps
Silicon	28-1	3964996	4010336	4014799	3996710	0.69	cps
Silver	109-1	8114365	8214069	8140336	8156257	0.63	cps
Silver	107-1	8545568	8543715	8499841	8529708	0.30	cps
Sodium	23-2	8319114	8327928	8156215	8267752	1.17	cps
Strontium	86-1	2282503	2293521	2285066	2287030	0.25	cps
Strontium	88-1	19322068	19541428	19440817	19434771	0.56	cps
Sulfur	34-1	982635	982306	976177	980373	0.37	cps
Terbium	159-1	8020063	8037818	8033815	8030565	0.12	cps
Terbium	159-2	1885467	1646594	1862961	1798340	7.33	cps
Thallium	203-1	5294210	5398468	5311257	5334645	1.05	cps
Thallium	205-1	12421542	12762183	12541329	12575018	1.37	cps
Tin	118-1	5570927	5591387	5569028	5577114	0.22	cps
Titanium	47-1	984535	1009166	993790	995830	1.25	cps
Uranium	238-1	16531405	16688281	16671620	16630435	0.52	cps
Vanadium	51-2	682668	679509	664874	675684	1.41	cps
Yttrium	89-1	7340722	7308414	7237381	7295506	0.72	cps
Yttrium	89-2	255783	223235	254707	244575	7.56	cps
Zinc	66-2	290499	287829	284892	287740	0.97	cps
Zirconium	90-1	12407762	12475544	12469274	12450860	0.30	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S07	Instrumnet Name :	P8
Client Sample ID :	S07	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:27:32	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2783449	2794891	2776810	2785050	0.33	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	704291	697641	710836	704256	0.94	cps
Antimony	121-1	19649	18597	18789	19011	2.95	cps
Arsenic	75-2	50	43	26	40	31.20	cps
Barium	135-1	2592	2850	2684	2709	4.84	cps
Barium	137-1	4768	4701	4409	4626	4.12	cps
Beryllium	9-1	711	628	611	650	8.24	cps
Bismuth	209-1	4239343	4250375	4244071	4244596	0.13	cps
Bismuth	209-2	1399046	1393233	1401498	1397926	0.30	cps
Boron	10-1	6877	5785	6218	6293	8.74	cps
Boron	11-1	32312	29389	28187	29963	7.08	cps
Cadmium	111-1	1424	1495	1284	1401	7.66	cps
Cadmium	106-1	1625	1825	1517	1656	9.45	cps
Cadmium	108-1	25	58	33	39	44.61	cps
Calcium	43-1	9435672	9400516	9412981	9416390	0.19	cps
Calcium	44-1	156280166	155122595	154966516	155456426	0.46	cps
Chromium	52-2	7949	8193	8119	8087	1.54	cps
Cobalt	59-2	2234	2270	2390	2298	3.57	cps
Copper	63-2	5024	5414	5268	5236	3.76	cps
Dysprosium	156-1	50	42	50	47	10.18	cps
Dysprosium	156-2	10	17	17	14	26.66	cps
Erbium	164-1	83	67	58	69	18.33	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	83	150	75	103	40.00	cps
Gadolinium	160-2	17	30	27	24	28.38	cps
Holmium	165-1	7490081	7570378	7370798	7477086	1.34	cps
Holmium	165-2	1928214	1905613	1940989	1924939	0.93	cps
Indium	115-1	6477465	6370412	6370628	6406168	0.96	cps
Indium	115-2	328496	328534	332800	329944	0.75	cps
Iron	56-2	149671353	149840487	150775603	150095814	0.40	cps
Iron	57-2	3791667	3781623	3800210	3791167	0.25	cps
Lead	206-1	7430	7369	7719	7506	2.49	cps
Lead	207-1	6163	6385	6318	6289	1.81	cps
Lead	208-1	29325	28970	28797	29031	0.93	cps
Lithium	6-1	1226080	1239950	1238304	1234778	0.61	cps
Magnesium	24-2	17003911	17119617	17213248	17112258	0.61	cps
Manganese	55-2	1853	1863	1940	1886	2.51	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4134	3767	4001	3967	4.68	cps
Molybdenum	95-1	4934	5176	5251	5121	3.23	cps
Molybdenum	96-1	7127	7327	7494	7316	2.51	cps
Molybdenum	97-1	2950	3342	3092	3128	6.34	cps
Molybdenum	98-1	8036	7903	8420	8119	3.31	cps
Neodymium	150-1	73	60	93	76	22.21	cps
Neodymium	150-2	20	10	20	17	34.64	cps
Nickel	60-2	2440	2187	2310	2312	5.48	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4966323	5048034	5054297	5022885	0.98	cps
Rhodium	103-1	5948169	5904596	5887839	5913535	0.53	cps
Rhodium	103-2	1707221	1737850	1732016	1725695	0.94	cps
Scandium	45-1	4259482	4215788	4190034	4221768	0.83	cps
Scandium	45-2	39723	40652	40371	40249	1.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	138	-17	12	45	184.76	cps
Silicon	28-1	570788	562640	563648	565692	0.79	cps
Silver	109-1	917	775	725	806	12.34	cps
Silver	107-1	808	900	717	808	11.34	cps
Sodium	23-2	42087382	41879996	42042077	42003152	0.26	cps
Strontium	86-1	77856	76984	76749	77196	0.76	cps
Strontium	88-1	674574	672604	666811	671329	0.60	cps
Sulfur	34-1	407360	407685	409261	408102	0.25	cps
Terbium	159-1	8007577	7894640	7804651	7902289	1.29	cps
Terbium	159-2	1888623	1903001	1901130	1897585	0.41	cps
Thallium	203-1	1834	1909	1642	1795	7.66	cps
Thallium	205-1	4451	4551	3918	4307	7.91	cps
Tin	118-1	5176	5268	5076	5173	1.85	cps
Titanium	47-1	750	983	908	881	13.53	cps
Uranium	238-1	1850	1442	1609	1634	12.57	cps
Vanadium	51-2	200	230	207	212	7.42	cps
Yttrium	89-1	7320176	7230626	7173304	7241368	1.02	cps
Yttrium	89-2	257340	261000	261000	259780	0.81	cps
Zinc	66-2	1510	1597	1703	1603	6.04	cps
Zirconium	90-1	2900	2542	2759	2734	6.60	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	S08	Instrumnet Name :	P8
Client Sample ID :	S08	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:30:40	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	583	575	475	544	11.07	cps

LB Number : LB89998 Operator : Jaswal
 Lab Sample ID : ICV Instrumnet Name : P8
 Client Sample ID : ICV Dilution Factor : 1
 Date & Time Acquired :: 2017-09-08 12:34:00 DataFile Name : 012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3976	3792	3842	3870	2.45	cps
Antimony	121-1	1564877	1557997	1554611	1559162	0.34	cps
Arsenic	75-2	23017	23463	23173	23218	0.97	cps
Barium	135-1	159485	155064	157140	157230	1.41	cps
Barium	137-1	278927	275671	276485	277028	0.61	cps
Beryllium	9-1	137897	138599	137254	137917	0.49	cps
Bismuth	209-1	4293099	4282066	4233315	4269493	0.75	cps
Bismuth	209-2	1531277	1531616	1532191	1531695	0.03	cps
Boron	10-1	95810	96683	95894	96129	0.50	cps
Boron	11-1	438216	444596	439347	440719	0.77	cps
Cadmium	111-1	179949	180158	180440	180182	0.14	cps
Cadmium	106-1	30335	29784	29032	29717	2.20	cps
Cadmium	108-1	16490	16435	16214	16380	0.89	cps
Calcium	43-1	44054	43903	43401	43786	0.78	cps
Calcium	44-1	708278	704537	708466	707094	0.31	cps
Chromium	52-2	94721	95597	93721	94680	0.99	cps
Cobalt	59-2	202102	203539	200142	201928	0.84	cps
Copper	63-2	170707	171133	171743	171194	0.30	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	100	50	75	75	33.34	cps
Erbium	164-2	0	27	13	13	100.01	cps
Gadolinium	160-1	142	108	108	119	16.11	cps
Gadolinium	160-2	10	17	7	11	45.82	cps
Holmium	165-1	7064736	7134316	7048329	7082460	0.64	cps
Holmium	165-2	1974646	1961410	1957719	1964591	0.45	cps
Indium	115-1	6636538	6683319	6581761	6633873	0.77	cps
Indium	115-2	354901	356453	353260	354871	0.45	cps
Iron	56-2	639850	641888	643195	641644	0.26	cps
Iron	57-2	15743	15848	15976	15856	0.74	cps
Lead	206-1	823560	822433	823589	823194	0.08	cps
Lead	207-1	709807	711956	706473	709412	0.39	cps
Lead	208-1	3302718	3269077	3247953	3273249	0.84	cps
Lithium	6-1	1282460	1300794	1304229	1295828	0.90	cps
Magnesium	24-2	43041	43066	42648	42919	0.55	cps
Manganese	55-2	27347	27858	26869	27358	1.81	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:34:00	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3355263	3338433	3317223	3336973	0.57	cps
Molybdenum	95-1	1821939	1813645	1824539	1820041	0.31	cps
Molybdenum	96-1	2401242	2369884	2357747	2376291	0.94	cps
Molybdenum	97-1	1109215	1100039	1095356	1101537	0.64	cps
Molybdenum	98-1	2917914	2876719	2914276	2902970	0.79	cps
Neodymium	150-1	27	27	47	33	34.64	cps
Neodymium	150-2	17	13	13	14	13.35	cps
Nickel	60-2	58757	59115	58911	58927	0.31	cps
Phosphorus	31-2	0	25	8	11	114.58	cps
Potassium	39-2	45199	46745	45065	45670	2.04	cps
Rhodium	103-1	6351738	6375678	6326323	6351246	0.39	cps
Rhodium	103-2	1938286	1917111	1920558	1925318	0.59	cps
Scandium	45-1	4329265	4300239	4370143	4333216	0.81	cps
Scandium	45-2	43173	42711	42929	42938	0.54	cps
Selenium	77-2	183	153	167	168	8.96	cps
Selenium	78-2	554	539	594	562	5.12	cps
Selenium	82-1	22974	22608	22773	22785	0.80	cps
Silicon	28-1	2214046	2265521	2269126	2249564	1.37	cps
Silver	109-1	775876	763883	765492	768417	0.85	cps
Silver	107-1	816868	815099	815624	815864	0.11	cps
Sodium	23-2	190186	191598	189148	190311	0.65	cps
Strontium	86-1	1169402	1164241	1159206	1164283	0.44	cps
Strontium	88-1	10008797	10007990	9908580	9975122	0.58	cps
Sulfur	34-1	405516	401033	401629	402726	0.60	cps
Terbium	159-1	7574497	7483096	7513926	7523839	0.62	cps
Terbium	159-2	1954657	1918125	1931491	1934758	0.96	cps
Thallium	203-1	1018057	1028547	1022613	1023072	0.51	cps
Thallium	205-1	2495941	2485336	2494342	2491873	0.23	cps
Tin	118-1	2883502	2843033	2819401	2848646	1.14	cps
Titanium	47-1	523085	519843	518304	520411	0.47	cps
Uranium	238-1	8392477	8455467	8392524	8413489	0.43	cps
Vanadium	51-2	71669	71515	70875	71353	0.59	cps
Yttrium	89-1	7454177	7338673	7397934	7396928	0.78	cps
Yttrium	89-2	275447	275870	272942	274753	0.58	cps
Zinc	66-2	31452	31773	31646	31624	0.51	cps
Zirconium	90-1	6384230	6363295	6293126	6346884	0.75	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICV	Instrumnet Name :	P8
Client Sample ID :	ICV	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:34:00	DataFile Name :	012ICV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1409016	1404212	1404901	1406043	0.18	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:38:42	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	33	19	65.47	cps
Antimony	121-1	1308	1183	1133	1208	7.46	cps
Arsenic	75-2	6	17	7	10	60.25	cps
Barium	135-1	42	42	67	50	28.87	cps
Barium	137-1	33	92	108	78	50.64	cps
Beryllium	9-1	372	333	372	359	6.25	cps
Bismuth	209-1	4213860	4133960	4038142	4128654	2.13	cps
Bismuth	209-2	1479352	1509738	1513162	1500751	1.24	cps
Boron	10-1	2309	2000	2075	2128	7.56	cps
Boron	11-1	10221	9737	9303	9754	4.70	cps
Cadmium	111-1	1169	1184	1106	1153	3.60	cps
Cadmium	106-1	1659	1650	1559	1622	3.42	cps
Cadmium	108-1	13	0	8	7	91.66	cps
Calcium	43-1	1734	1975	2017	1909	8.02	cps
Calcium	44-1	45107	44789	45433	45110	0.71	cps
Chromium	52-2	973	977	980	977	0.34	cps
Cobalt	59-2	47	57	63	56	15.09	cps
Copper	63-2	273	273	223	257	11.25	cps
Dysprosium	156-1	8	8	42	19	99.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	0	42	31	87.67	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	83	117	75	92	24.05	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	6945835	6835961	6727246	6836347	1.60	cps
Holmium	165-2	1908479	1964120	1965244	1945948	1.67	cps
Indium	115-1	6701673	6543740	6439971	6561795	2.01	cps
Indium	115-2	351330	356806	355564	354567	0.81	cps
Iron	56-2	3589	3095	3045	3243	9.28	cps
Iron	57-2	117	106	111	111	5.00	cps
Lead	206-1	683	617	711	670	7.24	cps
Lead	207-1	589	594	522	569	7.07	cps
Lead	208-1	2917	2656	2717	2763	4.94	cps
Lithium	6-1	1253076	1260428	1241719	1251741	0.75	cps
Magnesium	24-2	433	325	400	386	14.37	cps
Manganese	55-2	117	150	157	141	15.19	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:38:42	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	542	308	450	433	27.13	cps
Molybdenum	95-1	183	217	150	183	18.18	cps
Molybdenum	96-1	350	292	375	339	12.62	cps
Molybdenum	97-1	142	133	200	158	22.94	cps
Molybdenum	98-1	333	350	275	319	12.33	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	393	390	353	379	5.86	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	3884	3867	3692	3815	2.78	cps
Rhodium	103-1	6371349	6276589	6145788	6264575	1.81	cps
Rhodium	103-2	1869945	1906581	1904127	1893551	1.08	cps
Scandium	45-1	4284873	4283383	4203970	4257409	1.09	cps
Scandium	45-2	40261	42651	42822	41911	3.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	7	4	4	65.54	cps
Selenium	82-1	-19	-40	-102	-54	-80.41	cps
Silicon	28-1	465307	457783	460423	461171	0.83	cps
Silver	109-1	117	150	133	133	12.50	cps
Silver	107-1	142	133	117	131	9.75	cps
Sodium	23-2	9245	9387	8695	9109	4.01	cps
Strontium	86-1	758	958	758	825	14.00	cps
Strontium	88-1	208	217	150	192	18.95	cps
Sulfur	34-1	384380	389954	385461	386598	0.76	cps
Terbium	159-1	7465796	7326131	7214995	7335641	1.71	cps
Terbium	159-2	1873654	1916448	1912282	1900795	1.24	cps
Thallium	203-1	192	292	283	256	21.71	cps
Thallium	205-1	600	517	583	567	7.78	cps
Tin	118-1	1508	1667	1867	1681	10.69	cps
Titanium	47-1	125	83	167	125	33.33	cps
Uranium	238-1	242	225	225	231	4.17	cps
Vanadium	51-2	27	13	27	22	34.66	cps
Yttrium	89-1	7292694	7157494	7087511	7179233	1.45	cps
Yttrium	89-2	264776	272252	272756	269928	1.66	cps
Zinc	66-2	103	73	80	86	18.42	cps
Zirconium	90-1	817	750	683	750	8.89	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICB	Instrumnet Name :	P8
Client Sample ID :	ICB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:38:42	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	142	158	164	15.54	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	659526	652575	650057	654053	0.75	cps
Antimony	121-1	9554	10204	9612	9790	3.68	cps
Arsenic	75-2	39	46	50	45	12.55	cps
Barium	135-1	2525	2700	2417	2548	5.61	cps
Barium	137-1	4459	3976	4359	4265	5.98	cps
Beryllium	9-1	728	611	661	667	8.78	cps
Bismuth	209-1	4246044	4151068	4170463	4189192	1.20	cps
Bismuth	209-2	1460298	1448622	1462814	1457245	0.52	cps
Boron	10-1	2567	2200	2400	2389	7.69	cps
Boron	11-1	9987	10905	10046	10312	4.98	cps
Cadmium	111-1	1679	1561	1810	1683	7.38	cps
Cadmium	106-1	1642	1717	1508	1622	6.51	cps
Cadmium	108-1	988	879	888	918	6.57	cps
Calcium	43-1	1913384	1864478	1904097	1893987	1.37	cps
Calcium	44-1	30699269	30657108	30582939	30646439	0.19	cps
Chromium	52-2	19384	19317	19834	19512	1.44	cps
Cobalt	59-2	2224	2170	2174	2189	1.36	cps
Copper	63-2	13400	12919	12996	13105	1.97	cps
Dysprosium	156-1	33	92	25	50	72.64	cps
Dysprosium	156-2	10	7	7	8	24.71	cps
Erbium	164-1	50	58	50	53	9.12	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	92	117	100	103	12.39	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	7303179	7167230	7191276	7220561	1.00	cps
Holmium	165-2	1965242	1958376	1962642	1962087	0.18	cps
Indium	115-1	6613896	6610762	6578385	6601014	0.30	cps
Indium	115-2	350074	347456	348006	348512	0.40	cps
Iron	56-2	62338631	61132450	60591110	61354063	1.46	cps
Iron	57-2	1588162	1566559	1574737	1576486	0.69	cps
Lead	206-1	20072	18903	18531	19169	4.20	cps
Lead	207-1	15515	14687	14781	14994	3.03	cps
Lead	208-1	72921	70572	69976	71156	2.19	cps
Lithium	6-1	1258232	1212017	1222477	1230908	1.97	cps
Magnesium	24-2	3526218	3474521	3471804	3490848	0.88	cps
Manganese	55-2	2020	2124	2144	2096	3.16	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3836699	3830817	3840077	3835864	0.12	cps
Molybdenum	95-1	6609964	6588365	6620686	6606338	0.25	cps
Molybdenum	96-1	7271417	7181707	7243921	7232348	0.64	cps
Molybdenum	97-1	4205373	4129361	4124892	4153209	1.09	cps
Molybdenum	98-1	10770636	10719236	10769202	10753025	0.27	cps
Neodymium	150-1	80	40	27	49	56.77	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	3294	3454	3487	3412	3.03	cps
Phosphorus	31-2	51687	51052	51403	51381	0.62	cps
Potassium	39-2	2114624	2080265	2067862	2087583	1.16	cps
Rhodium	103-1	6139626	6217840	6177975	6178480	0.63	cps
Rhodium	103-2	1872500	1857142	1856576	1862073	0.49	cps
Scandium	45-1	4355932	4312168	4373537	4347212	0.73	cps
Scandium	45-2	42280	41939	41929	42050	0.48	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	2	0	2	114.63	cps
Selenium	82-1	-49	-87	-13	-50	-74.76	cps
Silicon	28-1	591057	587589	589736	589460	0.30	cps
Silver	109-1	1458	1709	1375	1514	11.46	cps
Silver	107-1	1642	1533	1584	1586	3.42	cps
Sodium	23-2	8490172	8394326	8353031	8412510	0.84	cps
Strontium	86-1	73808	77102	73917	74942	2.50	cps
Strontium	88-1	652309	646058	646239	648202	0.55	cps
Sulfur	34-1	2649635	2590192	2627024	2622284	1.14	cps
Terbium	159-1	7654958	7560032	7667733	7627574	0.77	cps
Terbium	159-2	1927824	1920502	1927343	1925223	0.21	cps
Thallium	203-1	608	575	708	631	11.00	cps
Thallium	205-1	1317	1467	1600	1461	9.70	cps
Tin	118-1	1817	2167	1842	1942	10.06	cps
Titanium	47-1	1983728	1973043	1986898	1981223	0.37	cps
Uranium	238-1	408	458	367	411	11.16	cps
Vanadium	51-2	110	140	147	132	14.77	cps
Yttrium	89-1	7408667	7347468	7330499	7362211	0.56	cps
Yttrium	89-2	271434	272516	267602	270517	0.95	cps
Zinc	66-2	1857	1940	2034	1944	4.55	cps
Zirconium	90-1	1892	1558	1625	1692	10.43	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSA	Instrumnet Name :	P8
Client Sample ID :	ICSA	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:41:50	DataFile Name :	014ICSA.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	375	425	375	392	7.37	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	614875	614669	637104	622216	2.07	cps
Antimony	121-1	160097	162780	159745	160874	1.03	cps
Arsenic	75-2	2152	2135	2300	2196	4.13	cps
Barium	135-1	33510	34513	33276	33766	1.95	cps
Barium	137-1	58254	60088	58473	58938	1.70	cps
Beryllium	9-1	27432	27711	27399	27514	0.62	cps
Bismuth	209-1	4170631	3867777	4014656	4017688	3.77	cps
Bismuth	209-2	1413945	1405767	1444158	1421290	1.42	cps
Boron	10-1	11072	11105	10813	10996	1.45	cps
Boron	11-1	50933	50967	49946	50615	1.15	cps
Cadmium	111-1	35447	34886	34848	35061	0.96	cps
Cadmium	106-1	6160	5918	6168	6082	2.34	cps
Cadmium	108-1	3355	3759	3496	3537	5.80	cps
Calcium	43-1	1870887	1903245	1841052	1871728	1.66	cps
Calcium	44-1	30582251	30703877	29837314	30374481	1.54	cps
Chromium	52-2	36324	35996	37460	36594	2.10	cps
Cobalt	59-2	38701	39346	40302	39449	2.04	cps
Copper	63-2	43842	43999	44090	43977	0.28	cps
Dysprosium	156-1	58	67	17	47	56.72	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	67	33	67	56	34.65	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	167	108	119	35.80	cps
Gadolinium	160-2	27	13	27	22	34.66	cps
Holmium	165-1	7207997	6736069	7063654	7002573	3.45	cps
Holmium	165-2	1915178	1909490	1943517	1922728	0.95	cps
Indium	115-1	6508955	6094180	6401181	6334772	3.40	cps
Indium	115-2	336348	336042	345730	339373	1.62	cps
Iron	56-2	57676462	58299908	60061112	58679161	2.11	cps
Iron	57-2	1471406	1502037	1554188	1509211	2.77	cps
Lead	206-1	98720	99727	98765	99070	0.57	cps
Lead	207-1	82612	83261	80571	82148	1.71	cps
Lead	208-1	382228	383759	375261	380416	1.19	cps
Lithium	6-1	1207866	1126672	1178558	1171032	3.51	cps
Magnesium	24-2	3254920	3329733	3394656	3326436	2.10	cps
Manganese	55-2	6942	6935	7265	7047	2.68	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4126896	4173321	4020878	4107031	1.90	cps
Molybdenum	95-1	6680696	6762091	6620108	6687632	1.07	cps
Molybdenum	96-1	7353903	7500148	7313548	7389200	1.33	cps
Molybdenum	97-1	4227439	4228682	4191317	4215813	0.50	cps
Molybdenum	98-1	10841651	10806268	10690099	10779339	0.74	cps
Neodymium	150-1	20	47	40	36	39.03	cps
Neodymium	150-2	3	10	7	7	50.03	cps
Nickel	60-2	13690	13714	14318	13907	2.56	cps
Phosphorus	31-2	48400	48835	50976	49404	2.79	cps
Potassium	39-2	1969702	1969673	2033494	1990956	1.85	cps
Rhodium	103-1	6134192	5702585	6074105	5970294	3.92	cps
Rhodium	103-2	1810583	1797455	1827172	1811736	0.82	cps
Scandium	45-1	4342133	4087659	4234478	4221423	3.03	cps
Scandium	45-2	40843	40291	42481	41205	2.76	cps
Selenium	77-2	10	20	17	16	32.73	cps
Selenium	78-2	57	46	65	56	16.59	cps
Selenium	82-1	2219	2177	2213	2203	1.04	cps
Silicon	28-1	823941	827366	817887	823065	0.58	cps
Silver	109-1	150736	153181	150862	151593	0.91	cps
Silver	107-1	159460	161733	158667	159953	0.99	cps
Sodium	23-2	7934913	8002598	8201720	8046411	1.72	cps
Strontium	86-1	193317	196934	191342	193864	1.46	cps
Strontium	88-1	1718208	1739428	1690558	1716064	1.43	cps
Sulfur	34-1	2587727	2582508	2506851	2559029	1.77	cps
Terbium	159-1	7681563	7083536	7381288	7382129	4.05	cps
Terbium	159-2	1843563	1830082	1904845	1859497	2.14	cps
Thallium	203-1	97977	98783	97003	97921	0.91	cps
Thallium	205-1	233991	239217	233587	235598	1.33	cps
Tin	118-1	290850	297022	287484	291785	1.66	cps
Titanium	47-1	2027252	2049814	1998017	2025028	1.28	cps
Uranium	238-1	808185	810295	783298	800593	1.88	cps
Vanadium	51-2	13186	13523	13940	13550	2.79	cps
Yttrium	89-1	7426025	6864719	7143883	7144876	3.93	cps
Yttrium	89-2	261184	260359	268005	263183	1.59	cps
Zinc	66-2	4728	4714	4711	4718	0.19	cps
Zirconium	90-1	667916	673769	655885	665857	1.37	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	ICSAB	Instrumnet Name :	P8
Client Sample ID :	ICSAB	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:44:55	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	147634	149219	143550	146801	1.99	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363408	358822	361527	361252	0.64	cps
Antimony	121-1	4059156	4035375	4046556	4047029	0.29	cps
Arsenic	75-2	58780	57949	57848	58192	0.88	cps
Barium	135-1	4164489	4121677	4129769	4138645	0.55	cps
Barium	137-1	7118683	7100023	7149589	7122765	0.35	cps
Beryllium	9-1	697839	688967	692289	693032	0.65	cps
Bismuth	209-1	4148662	4245009	4204476	4199382	1.15	cps
Bismuth	209-2	1442496	1458023	1458207	1452908	0.62	cps
Boron	10-1	81799	81758	81214	81590	0.40	cps
Boron	11-1	374794	382398	377325	378172	1.02	cps
Cadmium	111-1	862671	868848	853646	861722	0.89	cps
Cadmium	106-1	91769	90118	88222	90036	1.97	cps
Cadmium	108-1	61301	60799	61511	61204	0.60	cps
Calcium	43-1	4822192	4789089	4782048	4797776	0.45	cps
Calcium	44-1	79374750	78552779	78366371	78764633	0.68	cps
Chromium	52-2	488760	490482	484238	487826	0.66	cps
Cobalt	59-2	997221	991330	984812	991121	0.63	cps
Copper	63-2	1662072	1675350	1653425	1663616	0.66	cps
Dysprosium	156-1	42	92	83	72	37.09	cps
Dysprosium	156-2	13	17	7	12	41.65	cps
Erbium	164-1	58	25	17	33	66.14	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	108	150	108	122	19.68	cps
Gadolinium	160-2	20	27	30	26	19.92	cps
Holmium	165-1	7240562	7427882	7163725	7277390	1.87	cps
Holmium	165-2	1923003	1985191	1947421	1951872	1.61	cps
Indium	115-1	6501330	6583099	6487445	6523958	0.79	cps
Indium	115-2	337729	343298	342821	341283	0.90	cps
Iron	56-2	78205027	78168852	77269524	77881134	0.68	cps
Iron	57-2	2012468	1996434	2004716	2004539	0.40	cps
Lead	206-1	2088494	2107005	2059161	2084887	1.16	cps
Lead	207-1	1879360	1879013	1870138	1876170	0.28	cps
Lead	208-1	8461852	8508119	8410248	8460073	0.58	cps
Lithium	6-1	1205397	1216447	1197914	1206586	0.77	cps
Magnesium	24-2	8999324	8866467	8893785	8919858	0.79	cps
Manganese	55-2	274625	274625	271107	273452	0.74	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3444107	3405635	3423065	3424269	0.56	cps
Molybdenum	95-1	1809534	1777832	1779406	1788924	1.00	cps
Molybdenum	96-1	2400440	2418777	2400219	2406478	0.44	cps
Molybdenum	97-1	1110880	1096772	1101371	1103008	0.65	cps
Molybdenum	98-1	2935495	2897567	2932759	2921940	0.72	cps
Neodymium	150-1	167	207	173	182	11.76	cps
Neodymium	150-2	23	17	23	21	18.21	cps
Nickel	60-2	285180	281331	281539	282683	0.77	cps
Phosphorus	31-2	5468	5810	5576	5618	3.11	cps
Potassium	39-2	2737433	2691032	2672260	2700242	1.24	cps
Rhodium	103-1	5998303	6055883	6061402	6038530	0.58	cps
Rhodium	103-2	1804471	1815081	1816739	1812097	0.37	cps
Scandium	45-1	4368128	4428893	4335450	4377490	1.08	cps
Scandium	45-2	42939	42829	42548	42772	0.47	cps
Selenium	77-2	433	387	413	411	5.70	cps
Selenium	78-2	1541	1482	1409	1477	4.46	cps
Selenium	82-1	56995	57235	56723	56984	0.45	cps
Silicon	28-1	2469977	2523000	2534417	2509131	1.37	cps
Silver	109-1	4053729	4088734	4018924	4053796	0.86	cps
Silver	107-1	4362523	4241761	4259855	4288046	1.52	cps
Sodium	23-2	21784267	21620386	21690497	21698383	0.38	cps
Strontium	86-1	1187292	1189394	1187702	1188129	0.09	cps
Strontium	88-1	10214854	10291332	10267017	10257735	0.38	cps
Sulfur	34-1	678942	680004	682974	680640	0.31	cps
Terbium	159-1	7750406	7780313	7673258	7734659	0.71	cps
Terbium	159-2	1912257	1951920	1933165	1932447	1.03	cps
Thallium	203-1	2592168	2619157	2569042	2593456	0.97	cps
Thallium	205-1	6084393	6130622	6074388	6096468	0.49	cps
Tin	118-1	2823953	2803104	2789772	2805610	0.61	cps
Titanium	47-1	521888	523578	518981	521482	0.45	cps
Uranium	238-1	7961900	8056818	7920840	7979853	0.87	cps
Vanadium	51-2	367584	368249	364307	366713	0.58	cps
Yttrium	89-1	7330999	7480948	7372991	7394979	1.05	cps
Yttrium	89-2	268910	272485	270361	270585	0.66	cps
Zinc	66-2	153943	151685	151301	152310	0.94	cps
Zirconium	90-1	6476760	6547492	6438366	6487539	0.85	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV087	Instrumnet Name :	P8
Client Sample ID :	CCV087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:47:59	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1476744	1467875	1464634	1469751	0.43	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	33	31	68.64	cps
Antimony	121-1	2842	2792	3234	2956	8.18	cps
Arsenic	75-2	2	6	6	4	49.54	cps
Barium	135-1	67	50	33	50	33.34	cps
Barium	137-1	58	58	42	53	18.23	cps
Beryllium	9-1	383	417	328	376	11.95	cps
Bismuth	209-1	4060845	4146593	4112399	4106612	1.05	cps
Bismuth	209-2	1552951	1557006	1549390	1553116	0.25	cps
Boron	10-1	2592	2700	2434	2575	5.21	cps
Boron	11-1	11572	11355	10321	11083	6.03	cps
Cadmium	111-1	1191	1113	1200	1168	4.11	cps
Cadmium	106-1	1634	1550	1692	1625	4.38	cps
Cadmium	108-1	4	8	25	13	88.19	cps
Calcium	43-1	2025	1650	1892	1856	10.25	cps
Calcium	44-1	46812	45525	46671	46336	1.52	cps
Chromium	52-2	947	953	973	958	1.45	cps
Cobalt	59-2	73	60	33	56	36.66	cps
Copper	63-2	383	423	420	409	5.43	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	50	33	33	50.00	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	6826923	6861144	6842654	6843574	0.25	cps
Holmium	165-2	2016351	2008207	2006524	2010361	0.26	cps
Indium	115-1	6501773	6630159	6538720	6556884	1.01	cps
Indium	115-2	370292	366919	366540	367917	0.56	cps
Iron	56-2	4340	4240	3901	4160	5.53	cps
Iron	57-2	117	128	72	106	27.85	cps
Lead	206-1	561	583	706	617	12.61	cps
Lead	207-1	628	550	561	580	7.26	cps
Lead	208-1	2556	2667	2634	2619	2.18	cps
Lithium	6-1	1213075	1231550	1219163	1221263	0.77	cps
Magnesium	24-2	433	317	400	383	15.68	cps
Manganese	55-2	123	153	130	136	11.62	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	592	583	500	558	9.08	cps
Molybdenum	95-1	567	475	308	450	29.10	cps
Molybdenum	96-1	625	625	483	578	14.16	cps
Molybdenum	97-1	417	250	308	325	26.02	cps
Molybdenum	98-1	808	750	633	731	12.20	cps
Neodymium	150-1	20	13	27	20	33.35	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	330	373	297	333	11.53	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	4359	4368	4017	4248	4.70	cps
Rhodium	103-1	6190224	6347177	6270839	6269413	1.25	cps
Rhodium	103-2	1991157	1971385	1998271	1986938	0.70	cps
Scandium	45-1	4240008	4313185	4318490	4290561	1.02	cps
Scandium	45-2	43116	43217	43935	43423	1.03	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-149	15	-5	-46	-192.51	cps
Silicon	28-1	477243	472933	462705	470960	1.59	cps
Silver	109-1	342	367	325	344	6.09	cps
Silver	107-1	400	450	500	450	11.11	cps
Sodium	23-2	14016	13056	12614	13229	5.41	cps
Strontium	86-1	825	858	733	806	8.04	cps
Strontium	88-1	133	125	183	147	21.43	cps
Sulfur	34-1	371955	371235	374327	372506	0.43	cps
Terbium	159-1	7285506	7427661	7355538	7356235	0.97	cps
Terbium	159-2	1973033	1972900	1941995	1962643	0.91	cps
Thallium	203-1	500	375	450	442	14.24	cps
Thallium	205-1	942	1175	1083	1067	11.02	cps
Tin	118-1	1442	1408	1692	1514	10.23	cps
Titanium	47-1	200	242	200	214	11.25	cps
Uranium	238-1	142	150	117	136	12.75	cps
Vanadium	51-2	17	10	30	19	53.91	cps
Yttrium	89-1	7218384	7282061	7240049	7246831	0.45	cps
Yttrium	89-2	285972	282742	280944	283219	0.90	cps
Zinc	66-2	113	123	130	122	6.86	cps
Zirconium	90-1	650	908	733	764	17.26	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB087	Instrumnet Name :	P8
Client Sample ID :	CCB087	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:50:57	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	200	158	133	164	20.55	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	183	150	172	11.17	cps
Antimony	121-1	15460	14842	14008	14770	4.93	cps
Arsenic	75-2	102	124	109	112	10.13	cps
Barium	135-1	13883	14125	14150	14052	1.05	cps
Barium	137-1	24357	24599	23513	24156	2.36	cps
Beryllium	9-1	1533	1556	1467	1519	3.05	cps
Bismuth	209-1	4040608	4129677	4062999	4077761	1.14	cps
Bismuth	209-2	1528674	1471556	1532771	1511000	2.26	cps
Boron	10-1	4934	5076	5151	5054	2.18	cps
Boron	11-1	23028	22435	21976	22480	2.35	cps
Cadmium	111-1	2649	2567	2712	2642	2.74	cps
Cadmium	106-1	1675	1675	1700	1684	0.86	cps
Cadmium	108-1	183	133	113	143	25.45	cps
Calcium	43-1	10863	10262	9737	10287	5.48	cps
Calcium	44-1	183123	183088	183527	183246	0.13	cps
Chromium	52-2	2787	2804	2957	2849	3.29	cps
Cobalt	59-2	1820	1944	1870	1878	3.30	cps
Copper	63-2	3671	3837	3791	3766	2.28	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	83	17	47	71.32	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	50	42	33	42	20.00	cps
Gadolinium	160-2	7	7	3	6	34.70	cps
Holmium	165-1	6806348	6864581	6873393	6848107	0.53	cps
Holmium	165-2	2017260	1907722	1989356	1971446	2.89	cps
Indium	115-1	6598058	6556298	6513762	6556039	0.64	cps
Indium	115-2	371809	355231	367675	364905	2.36	cps
Iron	56-2	33641	33151	32995	33262	1.01	cps
Iron	57-2	867	817	911	865	5.46	cps
Lead	206-1	4684	4584	4651	4640	1.10	cps
Lead	207-1	4301	4179	3979	4153	3.92	cps
Lead	208-1	18773	18689	18128	18530	1.89	cps
Lithium	6-1	1229044	1259618	1247513	1245392	1.24	cps
Magnesium	24-2	16811	16251	16385	16482	1.77	cps
Manganese	55-2	413	387	433	411	5.70	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	13007	12923	13257	13062	1.33	cps
Molybdenum	95-1	15501	15634	15476	15537	0.55	cps
Molybdenum	96-1	17312	16895	16919	17042	1.37	cps
Molybdenum	97-1	9787	9395	9837	9673	2.50	cps
Molybdenum	98-1	25308	24640	24373	24774	1.94	cps
Neodymium	150-1	33	7	0	13	132.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	957	823	857	879	7.90	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	14350	14116	14408	14291	1.08	cps
Rhodium	103-1	6296222	6318687	6385810	6333573	0.74	cps
Rhodium	103-2	1978023	1895045	1976782	1949950	2.44	cps
Scandium	45-1	4348740	4361453	4365303	4358498	0.20	cps
Scandium	45-2	43912	41612	44196	43240	3.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	30	19	19	22	28.86	cps
Selenium	82-1	586	422	531	513	16.34	cps
Silicon	28-1	500526	497158	500854	499513	0.41	cps
Silver	109-1	10213	9596	9862	9890	3.13	cps
Silver	107-1	10221	10688	10530	10480	2.27	cps
Sodium	23-2	49404	49035	48852	49097	0.57	cps
Strontium	86-1	3084	3234	2717	3012	8.83	cps
Strontium	88-1	18071	17345	17896	17771	2.13	cps
Sulfur	34-1	381635	379201	377943	379593	0.49	cps
Terbium	159-1	7234096	7387758	7310099	7310651	1.05	cps
Terbium	159-2	1979586	1885201	1938296	1934361	2.45	cps
Thallium	203-1	4743	4709	4534	4662	2.40	cps
Thallium	205-1	11172	11339	10121	10877	6.07	cps
Tin	118-1	25400	24282	25200	24960	2.39	cps
Titanium	47-1	5251	4826	4851	4976	4.80	cps
Uranium	238-1	12824	13158	12907	12963	1.34	cps
Vanadium	51-2	3214	3474	3324	3337	3.91	cps
Yttrium	89-1	7278124	7349756	7372231	7333370	0.67	cps
Yttrium	89-2	284683	271687	282851	279740	2.51	cps
Zinc	66-2	400	383	430	404	5.85	cps
Zirconium	90-1	11856	11789	11322	11655	2.50	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:54:07	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2575	2650	2459	2561	3.77	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:57:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	783	750	675	736	7.54	cps
Arsenic	75-2	2	2	11	5	108.30	cps
Barium	135-1	17	33	58	36	58.08	cps
Barium	137-1	33	33	83	50	57.75	cps
Beryllium	9-1	189	261	333	261	27.66	cps
Bismuth	209-1	4099141	4094425	4002517	4065361	1.34	cps
Bismuth	209-2	1517322	1446896	1513659	1492626	2.66	cps
Boron	10-1	1675	1558	1358	1531	10.47	cps
Boron	11-1	6727	7602	7160	7163	6.11	cps
Cadmium	111-1	1109	996	921	1009	9.41	cps
Cadmium	106-1	1584	1417	1300	1433	9.94	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	2017	1884	1950	1950	3.42	cps
Calcium	44-1	44739	44203	44622	44521	0.63	cps
Chromium	52-2	943	1097	867	969	12.09	cps
Cobalt	59-2	73	53	37	54	33.71	cps
Copper	63-2	423	367	383	391	7.45	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	75	33	42	50	44.10	cps
Gadolinium	160-2	7	13	13	11	34.61	cps
Holmium	165-1	6814393	6746120	6707076	6755863	0.80	cps
Holmium	165-2	1988133	1908609	1959391	1952044	2.06	cps
Indium	115-1	6545267	6513537	6434996	6497933	0.87	cps
Indium	115-2	365306	347756	364325	359129	2.75	cps
Iron	56-2	3123	3456	3156	3245	5.66	cps
Iron	57-2	111	111	117	113	2.84	cps
Lead	206-1	650	594	594	613	5.23	cps
Lead	207-1	533	456	517	502	8.16	cps
Lead	208-1	2506	2361	2300	2389	4.42	cps
Lithium	6-1	1216261	1231375	1225895	1224510	0.62	cps
Magnesium	24-2	475	467	442	461	3.76	cps
Manganese	55-2	123	130	117	123	5.40	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:57:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	333	275	358	322	13.27	cps
Molybdenum	95-1	142	142	100	128	18.83	cps
Molybdenum	96-1	258	225	275	253	10.07	cps
Molybdenum	97-1	50	167	108	108	53.85	cps
Molybdenum	98-1	275	150	217	214	29.24	cps
Neodymium	150-1	33	7	7	16	98.96	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	313	317	320	317	1.05	cps
Phosphorus	31-2	25	8	0	11	114.58	cps
Potassium	39-2	4117	4084	3742	3981	5.21	cps
Rhodium	103-1	6276747	6215786	6170012	6220848	0.86	cps
Rhodium	103-2	1942736	1827467	1944201	1904801	3.52	cps
Scandium	45-1	4355828	4280610	4305269	4313902	0.89	cps
Scandium	45-2	43116	41475	43113	42568	2.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	22	-37	46	10	418.56	cps
Silicon	28-1	456234	460918	455048	457400	0.68	cps
Silver	109-1	183	292	183	219	28.50	cps
Silver	107-1	342	225	175	247	34.60	cps
Sodium	23-2	8928	8703	8570	8734	2.08	cps
Strontium	86-1	958	825	950	911	8.20	cps
Strontium	88-1	150	183	192	175	12.60	cps
Sulfur	34-1	393865	393247	391687	392933	0.29	cps
Terbium	159-1	7280959	7203777	7121615	7202117	1.11	cps
Terbium	159-2	1972415	1865225	1933658	1923766	2.82	cps
Thallium	203-1	167	183	225	192	15.68	cps
Thallium	205-1	408	533	417	453	15.44	cps
Tin	118-1	892	683	883	820	14.39	cps
Titanium	47-1	150	142	292	194	43.35	cps
Uranium	238-1	92	83	100	92	9.09	cps
Vanadium	51-2	23	3	23	17	69.30	cps
Yttrium	89-1	7254060	7335186	7152847	7247364	1.26	cps
Yttrium	89-2	277671	262034	276400	272035	3.19	cps
Zinc	66-2	63	90	90	81	18.98	cps
Zirconium	90-1	483	483	625	531	15.42	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BL	Instrumnet Name :	P8
Client Sample ID :	PBW007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 12:57:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	108	92	158	119	29.05	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	250	308	294	13.37	cps
Antimony	121-1	28832	29141	29333	29102	0.87	cps
Arsenic	75-2	244	230	217	230	6.04	cps
Barium	135-1	28882	28983	29475	29114	1.09	cps
Barium	137-1	51259	50305	48724	50096	2.56	cps
Beryllium	9-1	2928	2861	2706	2832	4.03	cps
Bismuth	209-1	4062963	4049126	3974544	4028878	1.18	cps
Bismuth	209-2	1495049	1351297	1473692	1440013	5.39	cps
Boron	10-1	8053	8019	7986	8019	0.42	cps
Boron	11-1	36840	37057	37951	37283	1.58	cps
Cadmium	111-1	4351	4480	3965	4265	6.28	cps
Cadmium	106-1	1942	2067	1667	1892	10.82	cps
Cadmium	108-1	263	221	229	238	9.28	cps
Calcium	43-1	19698	19823	19656	19726	0.44	cps
Calcium	44-1	339460	338929	335583	337991	0.62	cps
Chromium	52-2	4674	4721	4824	4740	1.62	cps
Cobalt	59-2	4184	3977	3754	3972	5.42	cps
Copper	63-2	7345	7122	7359	7275	1.83	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	75	50	50	50.00	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	50	67	58	58	14.29	cps
Gadolinium	160-2	13	0	10	8	89.21	cps
Holmium	165-1	6866519	6779497	6679538	6775185	1.38	cps
Holmium	165-2	1959232	1743670	1927973	1876958	6.21	cps
Indium	115-1	6564023	6482296	6514715	6520345	0.63	cps
Indium	115-2	365213	328788	361476	351825	5.70	cps
Iron	56-2	249732	245437	248385	247851	0.89	cps
Iron	57-2	6290	6207	6468	6322	2.11	cps
Lead	206-1	8965	8876	9348	9063	2.77	cps
Lead	207-1	8281	8264	8086	8210	1.31	cps
Lead	208-1	37111	37312	37228	37217	0.27	cps
Lithium	6-1	1233326	1211292	1205160	1216592	1.22	cps
Magnesium	24-2	33064	33432	32496	32998	1.43	cps
Manganese	55-2	760	660	670	697	7.91	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26184	26978	26226	26463	1.69	cps
Molybdenum	95-1	32908	31679	31638	32075	2.25	cps
Molybdenum	96-1	35189	36918	36558	36222	2.52	cps
Molybdenum	97-1	19965	20450	19749	20055	1.79	cps
Molybdenum	98-1	51875	52244	49207	51109	3.24	cps
Neodymium	150-1	20	13	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1583	1517	1613	1571	3.15	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	25140	23796	24447	24461	2.75	cps
Rhodium	103-1	6269922	6235408	6191161	6232164	0.63	cps
Rhodium	103-2	1948038	1751979	1925170	1875062	5.72	cps
Scandium	45-1	4356655	4312117	4252350	4307041	1.22	cps
Scandium	45-2	42909	38768	42882	41520	5.74	cps
Selenium	77-2	3	7	10	7	50.03	cps
Selenium	78-2	46	35	28	36	25.59	cps
Selenium	82-1	1089	1117	1063	1090	2.47	cps
Silicon	28-1	535896	543114	531217	536742	1.12	cps
Silver	109-1	15351	16419	16419	16063	3.84	cps
Silver	107-1	16986	16836	16870	16897	0.47	cps
Sodium	23-2	89900	89112	90671	89894	0.87	cps
Strontium	86-1	5151	5393	5268	5271	2.29	cps
Strontium	88-1	37879	39032	38631	38514	1.52	cps
Sulfur	34-1	389165	387491	385554	387403	0.47	cps
Terbium	159-1	7191003	7208436	7177639	7192359	0.21	cps
Terbium	159-2	1934757	1742888	1906329	1861325	5.56	cps
Thallium	203-1	9279	9396	9054	9243	1.88	cps
Thallium	205-1	21335	22554	22011	21967	2.78	cps
Tin	118-1	49818	50949	50714	50493	1.18	cps
Titanium	47-1	9045	9954	9612	9537	4.81	cps
Uranium	238-1	27340	27281	25727	26783	3.41	cps
Vanadium	51-2	7039	6832	6899	6923	1.52	cps
Yttrium	89-1	7272028	7340132	7187404	7266521	1.05	cps
Yttrium	89-2	277475	250955	273172	267201	5.33	cps
Zinc	66-2	717	743	737	732	1.90	cps
Zirconium	90-1	23329	24264	22795	23463	3.17	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102144BS	Instrumnet Name :	P8
Client Sample ID :	LCS007	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:00:22	DataFile Name :	020LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5460	5218	5326	5335	2.27	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:03:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	50	31	56.77	cps
Antimony	121-1	408	425	433	422	3.01	cps
Arsenic	75-2	11	0	4	5	114.60	cps
Barium	135-1	25	17	50	31	56.77	cps
Barium	137-1	58	50	67	58	14.29	cps
Beryllium	9-1	172	189	250	204	20.10	cps
Bismuth	209-1	4055672	4008436	4037552	4033887	0.59	cps
Bismuth	209-2	1514025	1508343	1509703	1510691	0.20	cps
Boron	10-1	1092	1050	1108	1083	2.77	cps
Boron	11-1	4601	4959	4192	4584	8.37	cps
Cadmium	111-1	1261	933	988	1060	16.55	cps
Cadmium	106-1	1784	1308	1408	1500	16.70	cps
Cadmium	108-1	13	0	21	11	94.37	cps
Calcium	43-1	1884	1934	1859	1892	2.02	cps
Calcium	44-1	43177	42682	43753	43204	1.24	cps
Chromium	52-2	1107	967	907	993	10.33	cps
Cobalt	59-2	93	50	50	64	38.83	cps
Copper	63-2	303	290	363	319	12.25	cps
Dysprosium	156-1	25	42	8	25	66.68	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	50	25	88.19	cps
Erbium	164-2	10	3	17	10	66.70	cps
Gadolinium	160-1	50	100	125	92	41.66	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	6805739	6791621	6721015	6772792	0.67	cps
Holmium	165-2	1983559	1940095	1951995	1958550	1.15	cps
Indium	115-1	6463998	6435092	6437431	6445507	0.25	cps
Indium	115-2	365703	368541	363008	365751	0.76	cps
Iron	56-2	3195	3412	3178	3262	3.99	cps
Iron	57-2	83	78	83	81	3.94	cps
Lead	206-1	589	572	506	556	7.94	cps
Lead	207-1	500	594	517	537	9.39	cps
Lead	208-1	2172	2434	2445	2350	6.56	cps
Lithium	6-1	1229597	1221417	1192772	1214595	1.59	cps
Magnesium	24-2	500	425	367	431	15.52	cps
Manganese	55-2	133	133	147	138	5.59	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:03:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	250	275	275	267	5.41	cps
Molybdenum	95-1	175	142	50	122	52.96	cps
Molybdenum	96-1	133	208	100	147	37.69	cps
Molybdenum	97-1	117	50	83	83	40.00	cps
Molybdenum	98-1	167	217	100	161	36.33	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	353	363	297	338	10.64	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	3801	3926	3601	3776	4.34	cps
Rhodium	103-1	6296453	6202389	6188170	6229004	0.94	cps
Rhodium	103-2	1939760	1945240	1912254	1932418	0.91	cps
Scandium	45-1	4318404	4303883	4278922	4300403	0.46	cps
Scandium	45-2	42969	42992	43280	43080	0.40	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	6	-25	61	14	317.68	cps
Silicon	28-1	445667	453197	448896	449253	0.84	cps
Silver	109-1	283	317	200	267	22.54	cps
Silver	107-1	258	267	217	247	10.84	cps
Sodium	23-2	7577	7719	7119	7472	4.20	cps
Strontium	86-1	892	750	833	825	8.63	cps
Strontium	88-1	142	142	208	164	23.48	cps
Sulfur	34-1	387313	383140	382569	384341	0.67	cps
Terbium	159-1	7117424	7120448	7131722	7123198	0.11	cps
Terbium	159-2	1952863	1953865	1940683	1949137	0.38	cps
Thallium	203-1	100	133	117	117	14.28	cps
Thallium	205-1	383	383	408	392	3.68	cps
Tin	118-1	575	1000	642	739	30.94	cps
Titanium	47-1	250	175	200	208	18.33	cps
Uranium	238-1	67	92	92	83	17.32	cps
Vanadium	51-2	20	20	17	19	10.18	cps
Yttrium	89-1	7303857	7194080	7187704	7228547	0.90	cps
Yttrium	89-2	277501	277124	276345	276990	0.21	cps
Zinc	66-2	87	83	83	84	2.28	cps
Zirconium	90-1	483	508	492	494	2.57	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BL	Instrumnet Name :	P8
Client Sample ID :	PBS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:03:31	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	108	106	12.06	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	325	267	375	322	16.83	cps
Antimony	121-1	28673	28039	28039	28250	1.30	cps
Arsenic	75-2	254	209	261	241	11.62	cps
Barium	135-1	27955	28223	28565	28248	1.08	cps
Barium	137-1	48799	50071	49385	49418	1.29	cps
Beryllium	9-1	2750	2595	2806	2717	4.03	cps
Bismuth	209-1	3950409	3888074	3910621	3916368	0.81	cps
Bismuth	209-2	1484849	1489531	1484940	1486440	0.18	cps
Boron	10-1	7594	7377	7869	7613	3.24	cps
Boron	11-1	35687	34994	37241	35974	3.20	cps
Cadmium	111-1	4160	4178	4117	4152	0.75	cps
Cadmium	106-1	1759	1742	1675	1725	2.56	cps
Cadmium	108-1	233	250	217	233	7.14	cps
Calcium	43-1	19189	19573	19523	19428	1.07	cps
Calcium	44-1	329519	331605	327419	329514	0.64	cps
Chromium	52-2	4894	4791	4721	4802	1.82	cps
Cobalt	59-2	4057	4137	3957	4051	2.23	cps
Copper	63-2	7215	6915	7389	7173	3.34	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	75	33	56	37.75	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	58	33	25	39	44.62	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	6681047	6639581	6569989	6630206	0.85	cps
Holmium	165-2	1942340	1952335	1945121	1946598	0.27	cps
Indium	115-1	6491026	6331163	6391763	6404651	1.26	cps
Indium	115-2	365264	362482	359243	362330	0.83	cps
Iron	56-2	246557	244841	245977	245792	0.36	cps
Iron	57-2	6085	6057	5807	5983	2.56	cps
Lead	206-1	9543	9053	8881	9159	3.75	cps
Lead	207-1	7736	7936	8008	7893	1.79	cps
Lead	208-1	36527	35404	35804	35912	1.59	cps
Lithium	6-1	1194589	1195866	1190884	1193780	0.22	cps
Magnesium	24-2	33666	34251	33349	33755	1.36	cps
Manganese	55-2	737	683	653	691	6.11	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	26869	25775	26460	26368	2.10	cps
Molybdenum	95-1	32799	32314	32381	32498	0.81	cps
Molybdenum	96-1	35096	34278	34620	34665	1.19	cps
Molybdenum	97-1	19540	19915	19248	19568	1.71	cps
Molybdenum	98-1	49851	49910	50387	50049	0.59	cps
Neodymium	150-1	20	7	40	22	75.49	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1473	1433	1400	1436	2.56	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	24288	23946	24414	24216	1.00	cps
Rhodium	103-1	6110915	6069418	6135940	6105424	0.55	cps
Rhodium	103-2	1920295	1929379	1928222	1925965	0.26	cps
Scandium	45-1	4248483	4232135	4225753	4235457	0.28	cps
Scandium	45-2	42394	42996	42812	42734	0.72	cps
Selenium	77-2	17	10	17	14	26.66	cps
Selenium	78-2	30	39	26	31	21.20	cps
Selenium	82-1	1167	1177	1090	1145	4.16	cps
Silicon	28-1	532589	526828	523829	527748	0.84	cps
Silver	109-1	15793	15510	15927	15743	1.35	cps
Silver	107-1	16594	16753	16327	16558	1.30	cps
Sodium	23-2	88843	88030	88441	88438	0.46	cps
Strontium	86-1	4918	5293	5135	5115	3.68	cps
Strontium	88-1	38539	37219	37779	37845	1.75	cps
Sulfur	34-1	381739	383081	385792	383537	0.54	cps
Terbium	159-1	6994214	7006855	7083669	7028246	0.69	cps
Terbium	159-2	1939842	1923601	1915113	1926185	0.65	cps
Thallium	203-1	8937	8912	8562	8803	2.38	cps
Thallium	205-1	21285	22003	21152	21480	2.13	cps
Tin	118-1	50488	49032	50220	49913	1.55	cps
Titanium	47-1	9387	10037	9787	9737	3.37	cps
Uranium	238-1	27540	26797	26045	26794	2.79	cps
Vanadium	51-2	6919	7012	6922	6951	0.76	cps
Yttrium	89-1	7121078	7097054	7099803	7105979	0.19	cps
Yttrium	89-2	276738	275740	278952	277143	0.59	cps
Zinc	66-2	720	730	730	727	0.79	cps
Zirconium	90-1	23087	23020	23196	23101	0.38	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	PB102142BS	Instrumnet Name :	P8
Client Sample ID :	LCS008	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:06:39	DataFile Name :	022LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	4859	5235	5485	5193	6.06	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3017	2984	2834	2945	3.32	cps
Antimony	121-1	67329	66541	67262	67044	0.65	cps
Arsenic	75-2	7	7	6	7	15.72	cps
Barium	135-1	53409	54404	53786	53866	0.93	cps
Barium	137-1	93891	94899	93060	93950	0.98	cps
Beryllium	9-1	9659	9559	9759	9659	1.04	cps
Bismuth	209-1	3964534	4031970	3803217	3933240	2.99	cps
Bismuth	209-2	1522407	1515515	1522484	1520135	0.26	cps
Boron	10-1	1000	1042	1217	1086	10.59	cps
Boron	11-1	5076	4809	4868	4918	2.85	cps
Cadmium	111-1	9266	9234	9471	9324	1.38	cps
Cadmium	106-1	2092	2125	2034	2084	2.23	cps
Cadmium	108-1	496	563	608	556	10.18	cps
Calcium	43-1	12756	12715	12489	12654	1.13	cps
Calcium	44-1	223358	221116	221429	221968	0.55	cps
Chromium	52-2	9760	9577	9593	9643	1.05	cps
Cobalt	59-2	14374	14348	14358	14360	0.09	cps
Copper	63-2	43374	43020	42903	43099	0.57	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	33	0	8	14	124.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	33	33	50	39	24.75	cps
Gadolinium	160-2	17	0	7	8	107.84	cps
Holmium	165-1	6734976	6760645	6404406	6633342	3.00	cps
Holmium	165-2	1989093	1985378	1951707	1975393	1.04	cps
Indium	115-1	6392456	6532967	6115907	6347110	3.34	cps
Indium	115-2	370550	365639	366452	367547	0.72	cps
Iron	56-2	219744	217202	216783	217910	0.74	cps
Iron	57-2	5312	5835	5146	5431	6.62	cps
Lead	206-1	19732	20061	20356	20050	1.56	cps
Lead	207-1	17607	17602	17635	17615	0.10	cps
Lead	208-1	80235	79549	80150	79978	0.47	cps
Lithium	6-1	1216771	1206344	1154466	1192527	2.80	cps
Magnesium	24-2	17620	17586	17803	17670	0.66	cps
Manganese	55-2	1500	1433	1573	1502	4.66	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	208	258	325	264	22.18	cps
Molybdenum	95-1	75	133	83	97	32.45	cps
Molybdenum	96-1	133	158	233	175	29.74	cps
Molybdenum	97-1	58	67	92	72	24.02	cps
Molybdenum	98-1	133	133	175	147	16.34	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	8793	8683	8573	8683	1.27	cps
Phosphorus	31-2	42	0	17	19	107.85	cps
Potassium	39-2	12398	12648	11889	12311	3.14	cps
Rhodium	103-1	6174804	6182820	5992668	6116764	1.76	cps
Rhodium	103-2	1973071	1960032	1961418	1964841	0.36	cps
Scandium	45-1	4278388	4320962	4100260	4233203	2.77	cps
Scandium	45-2	43822	43929	42561	43437	1.75	cps
Selenium	77-2	33	17	7	19	71.30	cps
Selenium	78-2	78	69	56	67	16.59	cps
Selenium	82-1	2176	2099	2199	2158	2.43	cps
Silicon	28-1	458376	461166	459933	459825	0.30	cps
Silver	109-1	31621	32023	31739	31794	0.65	cps
Silver	107-1	33443	33267	34002	33571	1.14	cps
Sodium	23-2	7277	7327	7377	7327	0.68	cps
Strontium	86-1	1125	858	817	933	17.92	cps
Strontium	88-1	625	667	708	667	6.25	cps
Sulfur	34-1	390903	390808	386042	389251	0.71	cps
Terbium	159-1	7139537	7176761	6786173	7034157	3.06	cps
Terbium	159-2	1967055	1933230	1947156	1949147	0.87	cps
Thallium	203-1	38744	37490	37640	37958	1.80	cps
Thallium	205-1	89633	92117	91478	91076	1.42	cps
Tin	118-1	633	567	633	611	6.30	cps
Titanium	47-1	167	200	275	214	25.94	cps
Uranium	238-1	83	67	75	75	11.11	cps
Vanadium	51-2	6802	6808	6492	6701	2.70	cps
Yttrium	89-1	7230106	7299539	6892241	7140629	3.05	cps
Yttrium	89-2	280924	279694	277728	279449	0.58	cps
Zinc	66-2	1097	993	1077	1056	5.19	cps
Zirconium	90-1	667	467	617	583	17.84	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04	Instrumnet Name :	P8
Client Sample ID :	MX2B00	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:09:48	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	92	150	128	24.69	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2775	3159	2959	2964	6.47	cps
Antimony	121-1	69515	68869	66575	68320	2.26	cps
Arsenic	75-2	2	7	9	6	62.47	cps
Barium	135-1	55123	56078	54438	55213	1.49	cps
Barium	137-1	95292	95066	96778	95712	0.97	cps
Beryllium	9-1	10248	10098	9715	10020	2.75	cps
Bismuth	209-1	4115925	4042172	4045216	4067771	1.03	cps
Bismuth	209-2	1479762	1530635	1542303	1517567	2.19	cps
Boron	10-1	1058	992	717	922	19.64	cps
Boron	11-1	3992	3776	3959	3909	2.99	cps
Cadmium	111-1	10120	9820	9537	9825	2.97	cps
Cadmium	106-1	2642	2434	2325	2467	6.53	cps
Cadmium	108-1	613	517	521	550	9.85	cps
Calcium	43-1	12631	12840	12656	12709	0.90	cps
Calcium	44-1	224003	222895	221329	222742	0.60	cps
Chromium	52-2	10044	9323	9657	9675	3.73	cps
Cobalt	59-2	15048	14231	14721	14667	2.81	cps
Copper	63-2	44267	43408	43555	43743	1.05	cps
Dysprosium	156-1	17	17	0	11	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	25	25	17	86.60	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	108	58	92	86	29.56	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	6851578	6804376	6776837	6810930	0.55	cps
Holmium	165-2	1919416	1998627	2002350	1973464	2.37	cps
Indium	115-1	6594910	6547203	6543278	6561797	0.44	cps
Indium	115-2	355490	369688	371192	365457	2.37	cps
Iron	56-2	221780	219410	220183	220458	0.55	cps
Iron	57-2	5412	5546	5718	5559	2.76	cps
Lead	206-1	20423	20595	20467	20495	0.44	cps
Lead	207-1	17757	17680	17807	17748	0.36	cps
Lead	208-1	81086	82235	80523	81281	1.07	cps
Lithium	6-1	1231878	1243075	1212126	1229026	1.28	cps
Magnesium	24-2	18229	17803	17995	18009	1.18	cps
Manganese	55-2	1587	1540	1567	1565	1.50	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	242	308	325	292	15.12	cps
Molybdenum	95-1	75	67	75	72	6.66	cps
Molybdenum	96-1	108	200	208	172	32.22	cps
Molybdenum	97-1	42	42	58	47	20.38	cps
Molybdenum	98-1	100	75	67	81	21.53	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	8713	8673	9400	8929	4.58	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	12740	12189	12539	12489	2.23	cps
Rhodium	103-1	6342206	6363144	6248036	6317795	0.97	cps
Rhodium	103-2	1891686	1978090	1978415	1949397	2.56	cps
Scandium	45-1	4361616	4428282	4357215	4382371	0.91	cps
Scandium	45-2	42822	43638	44267	43575	1.66	cps
Selenium	77-2	23	27	23	24	7.89	cps
Selenium	78-2	78	59	61	66	15.44	cps
Selenium	82-1	2397	2294	2291	2327	2.59	cps
Silicon	28-1	464987	463654	461090	463244	0.43	cps
Silver	109-1	32515	32407	32240	32387	0.43	cps
Silver	107-1	34570	33960	33626	34052	1.41	cps
Sodium	23-2	7252	6660	7277	7063	4.94	cps
Strontium	86-1	842	1042	942	942	10.62	cps
Strontium	88-1	842	658	683	728	13.66	cps
Sulfur	34-1	394233	394787	397042	395354	0.38	cps
Terbium	159-1	7116445	7211460	7290620	7206175	1.21	cps
Terbium	159-2	1883103	1963703	1965465	1937424	2.43	cps
Thallium	203-1	38652	38710	38785	38716	0.17	cps
Thallium	205-1	91932	91446	92091	91823	0.37	cps
Tin	118-1	550	750	683	661	15.40	cps
Titanium	47-1	175	167	192	178	7.16	cps
Uranium	238-1	67	100	67	78	24.75	cps
Vanadium	51-2	6975	6738	6708	6807	2.15	cps
Yttrium	89-1	7354033	7375509	7297631	7342391	0.55	cps
Yttrium	89-2	272473	279587	281466	277842	1.71	cps
Zinc	66-2	1073	1157	1010	1080	6.81	cps
Zirconium	90-1	592	533	617	581	7.37	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-05	Instrumnet Name :	P8
Client Sample ID :	MX2B00D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:12:56	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	133	142	150	14.70	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	733	550	550	611	17.32	cps
Antimony	121-1	13657	13958	13516	13710	1.65	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	10872	11664	11497	11344	3.68	cps
Barium	137-1	18347	18280	18731	18452	1.32	cps
Beryllium	9-1	2084	2139	2161	2128	1.88	cps
Bismuth	209-1	4024366	4106564	4098010	4076313	1.11	cps
Bismuth	209-2	1542945	1538986	1539792	1540574	0.14	cps
Boron	10-1	533	658	617	603	10.56	cps
Boron	11-1	3442	2750	2900	3031	12.01	cps
Cadmium	111-1	2930	2726	2830	2829	3.61	cps
Cadmium	106-1	1650	1692	1692	1678	1.43	cps
Cadmium	108-1	125	83	167	125	33.33	cps
Calcium	43-1	4134	4067	4026	4076	1.34	cps
Calcium	44-1	80992	78478	78830	79433	1.71	cps
Chromium	52-2	2694	2727	2784	2735	1.66	cps
Cobalt	59-2	3084	2767	2950	2934	5.42	cps
Copper	63-2	9000	9280	8663	8981	3.44	cps
Dysprosium	156-1	0	42	17	19	107.85	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	50	0	17	22	114.56	cps
Erbium	164-2	10	0	3	4	114.60	cps
Gadolinium	160-1	33	50	92	58	51.51	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	6825402	6782494	6840434	6816110	0.44	cps
Holmium	165-2	2015258	2005828	2002537	2007874	0.33	cps
Indium	115-1	6526551	6562709	6484570	6524610	0.60	cps
Indium	115-2	373411	368878	367488	369926	0.84	cps
Iron	56-2	48591	47665	47821	48026	1.03	cps
Iron	57-2	1295	1267	1150	1237	6.20	cps
Lead	206-1	4212	4512	4634	4453	4.88	cps
Lead	207-1	4023	3712	3801	3845	4.17	cps
Lead	208-1	17778	17755	17383	17639	1.26	cps
Lithium	6-1	1209890	1232713	1237168	1226590	1.19	cps
Magnesium	24-2	3901	3734	3884	3840	2.39	cps
Manganese	55-2	470	397	443	437	8.50	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	308	325	308	314	3.07	cps
Molybdenum	95-1	117	117	108	114	4.22	cps
Molybdenum	96-1	233	192	183	203	13.21	cps
Molybdenum	97-1	83	67	125	92	32.78	cps
Molybdenum	98-1	158	250	208	206	22.33	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	1984	2077	1940	2000	3.49	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	5410	5701	5501	5537	2.69	cps
Rhodium	103-1	6345419	6379090	6305648	6343386	0.58	cps
Rhodium	103-2	2025584	1972613	1966975	1988391	1.63	cps
Scandium	45-1	4401108	4318551	4314494	4344717	1.12	cps
Scandium	45-2	43949	43541	43628	43706	0.49	cps
Selenium	77-2	10	3	3	6	69.34	cps
Selenium	78-2	19	6	26	17	61.85	cps
Selenium	82-1	349	473	421	414	15.08	cps
Silicon	28-1	456766	455418	448822	453668	0.94	cps
Silver	109-1	6343	6343	6143	6277	1.84	cps
Silver	107-1	6669	7002	6919	6863	2.53	cps
Sodium	23-2	6285	6935	6527	6582	4.99	cps
Strontium	86-1	775	1025	775	858	16.82	cps
Strontium	88-1	350	325	392	356	9.47	cps
Sulfur	34-1	387699	389743	391057	389500	0.43	cps
Terbium	159-1	7247104	7241823	7263748	7250892	0.16	cps
Terbium	159-2	2002905	1976576	1950645	1976708	1.32	cps
Thallium	203-1	8195	7369	7536	7700	5.67	cps
Thallium	205-1	18907	18473	18715	18698	1.16	cps
Tin	118-1	750	542	617	636	16.59	cps
Titanium	47-1	242	175	142	186	27.36	cps
Uranium	238-1	50	17	50	39	49.48	cps
Vanadium	51-2	1380	1263	1230	1291	6.10	cps
Yttrium	89-1	7224140	7292884	7286388	7267804	0.52	cps
Yttrium	89-2	283733	283516	280328	282526	0.67	cps
Zinc	66-2	257	270	297	274	7.42	cps
Zirconium	90-1	550	358	567	492	23.55	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B00L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:16:06	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	125	108	119	8.06	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16602	17002	17028	16877	1.41	cps
Antimony	121-1	823548	839134	835669	832784	0.98	cps
Arsenic	75-2	4762	4732	4716	4737	0.50	cps
Barium	135-1	3210379	3232916	3249960	3231085	0.61	cps
Barium	137-1	5482892	5569722	5551085	5534566	0.83	cps
Beryllium	9-1	79681	79446	79094	79407	0.37	cps
Bismuth	209-1	3778095	3912522	4026243	3905620	3.18	cps
Bismuth	209-2	1535473	1531686	1541590	1536250	0.33	cps
Boron	10-1	525	642	625	597	10.57	cps
Boron	11-1	2759	2834	2842	2812	1.63	cps
Cadmium	111-1	94650	94659	95095	94802	0.27	cps
Cadmium	106-1	9837	10329	10321	10163	2.77	cps
Cadmium	108-1	6302	6602	6277	6393	2.83	cps
Calcium	43-1	12723	13198	13048	12990	1.87	cps
Calcium	44-1	226550	222541	222278	223790	1.07	cps
Chromium	52-2	207892	208990	208546	208476	0.26	cps
Cobalt	59-2	1058596	1061557	1059647	1059933	0.14	cps
Copper	63-2	483760	480418	482000	482059	0.35	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	7	0	3	3	100.05	cps
Erbium	164-1	58	33	25	39	44.62	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	75	25	100	67	57.29	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	6452599	6599444	6930905	6660983	3.68	cps
Holmium	165-2	1995975	1992794	2013786	2000852	0.57	cps
Indium	115-1	6055110	6370310	6547921	6324447	3.95	cps
Indium	115-2	370372	369533	368312	369406	0.28	cps
Iron	56-2	881740	884998	878406	881714	0.37	cps
Iron	57-2	22085	21651	22897	22211	2.85	cps
Lead	206-1	96907	97785	95972	96888	0.94	cps
Lead	207-1	86102	86891	84653	85882	1.32	cps
Lead	208-1	387273	392124	388504	389300	0.65	cps
Lithium	6-1	1168696	1197653	1250696	1205682	3.45	cps
Magnesium	24-2	16877	17370	18146	17464	3.66	cps
Manganese	55-2	142669	143670	142992	143110	0.36	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	450	500	408	453	10.14	cps
Molybdenum	95-1	200	133	192	175	20.76	cps
Molybdenum	96-1	283	292	250	275	8.02	cps
Molybdenum	97-1	100	75	150	108	35.25	cps
Molybdenum	98-1	392	283	292	322	18.71	cps
Neodymium	150-1	73	107	113	98	21.92	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	311168	311070	309930	310722	0.22	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	12540	13132	13015	12895	2.43	cps
Rhodium	103-1	5898340	6142017	6303457	6114605	3.34	cps
Rhodium	103-2	1974085	1962424	1952275	1962928	0.56	cps
Scandium	45-1	4127322	4241980	4383563	4250955	3.02	cps
Scandium	45-2	44571	45122	44437	44710	0.81	cps
Selenium	77-2	107	93	103	101	6.86	cps
Selenium	78-2	350	346	343	346	1.07	cps
Selenium	82-1	13545	13786	13727	13686	0.92	cps
Silicon	28-1	457413	468112	464819	463448	1.18	cps
Silver	109-1	406245	405390	399623	403753	0.89	cps
Silver	107-1	425234	425551	427828	426204	0.33	cps
Sodium	23-2	7944	8169	7853	7989	2.04	cps
Strontium	86-1	975	758	850	861	12.63	cps
Strontium	88-1	1450	1167	1425	1347	11.64	cps
Sulfur	34-1	373194	369220	366930	369781	0.86	cps
Terbium	159-1	6813624	6998461	7327921	7046669	3.70	cps
Terbium	159-2	1988095	1975039	1988348	1983827	0.38	cps
Thallium	203-1	278652	276143	279738	278178	0.66	cps
Thallium	205-1	657108	662678	654697	658161	0.62	cps
Tin	118-1	675	817	700	731	10.35	cps
Titanium	47-1	158	283	300	247	31.32	cps
Uranium	238-1	158	158	167	161	2.99	cps
Vanadium	51-2	375149	376886	377527	376521	0.33	cps
Yttrium	89-1	6862411	7098224	7297951	7086195	3.08	cps
Yttrium	89-2	284709	283845	281547	283367	0.58	cps
Zinc	66-2	83010	82356	81934	82433	0.66	cps
Zirconium	90-1	700	733	775	736	5.11	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-06	Instrumnet Name :	P8
Client Sample ID :	MX2B00S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:19:14	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	225	167	183	192	15.68	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1342	1492	1550	1461	7.36	cps
Antimony	121-1	102930	103407	102484	102940	0.45	cps
Arsenic	75-2	1254	1295	1376	1308	4.76	cps
Barium	135-1	2000	1925	2084	2003	3.96	cps
Barium	137-1	3126	3176	3326	3209	3.24	cps
Beryllium	9-1	10260	10104	10109	10158	0.87	cps
Bismuth	209-1	3892947	3873348	3772417	3846237	1.68	cps
Bismuth	209-2	1472524	1474748	1488115	1478462	0.57	cps
Boron	10-1	925	825	758	836	10.03	cps
Boron	11-1	3909	3651	3592	3717	4.53	cps
Cadmium	111-1	25223	25656	24948	25276	1.41	cps
Cadmium	106-1	3634	3901	3809	3781	3.58	cps
Cadmium	108-1	1625	1500	1759	1628	7.94	cps
Calcium	43-1	6377	6218	5910	6168	3.85	cps
Calcium	44-1	111534	112054	110542	111376	0.69	cps
Chromium	52-2	15232	15522	15272	15342	1.03	cps
Cobalt	59-2	297	243	280	273	9.98	cps
Copper	63-2	21477	21827	21854	21719	0.97	cps
Dysprosium	156-1	717	708	667	697	3.84	cps
Dysprosium	156-2	157	130	153	147	9.91	cps
Erbium	164-1	308	300	417	342	19.05	cps
Erbium	164-2	127	97	107	110	13.89	cps
Gadolinium	160-1	633	658	625	639	2.72	cps
Gadolinium	160-2	207	197	240	214	10.58	cps
Holmium	165-1	6648888	6667222	6430401	6582170	2.00	cps
Holmium	165-2	1968768	1966614	1967030	1967470	0.06	cps
Indium	115-1	6535281	6534997	6242509	6437596	2.62	cps
Indium	115-2	367453	367882	368650	367995	0.16	cps
Iron	56-2	132541	132535	131278	132118	0.55	cps
Iron	57-2	3239	3489	3156	3295	5.27	cps
Lead	206-1	40515	40041	39607	40054	1.13	cps
Lead	207-1	34375	34575	34514	34488	0.30	cps
Lead	208-1	158833	157754	159473	158687	0.55	cps
Lithium	6-1	1247252	1255695	1227050	1243332	1.18	cps
Magnesium	24-2	2600	2542	2659	2600	2.24	cps
Manganese	55-2	4357	4297	4237	4297	1.40	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	4109	3742	3784	3879	5.18	cps
Molybdenum	95-1	225	158	225	203	18.98	cps
Molybdenum	96-1	750	867	1000	872	14.34	cps
Molybdenum	97-1	133	125	175	144	18.54	cps
Molybdenum	98-1	342	317	358	339	6.19	cps
Neodymium	150-1	1133	1067	1193	1131	5.60	cps
Neodymium	150-2	170	210	187	189	10.64	cps
Nickel	60-2	5768	5891	5808	5822	1.08	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6168	6168	5918	6085	2.37	cps
Rhodium	103-1	6282972	6240000	5965031	6162668	2.80	cps
Rhodium	103-2	1945732	1954961	1948702	1949798	0.24	cps
Scandium	45-1	4383485	4300946	4125462	4269964	3.09	cps
Scandium	45-2	43073	42367	43337	42926	1.17	cps
Selenium	77-2	23	23	13	20	28.87	cps
Selenium	78-2	81	91	100	91	10.20	cps
Selenium	82-1	3210	3310	3163	3228	2.33	cps
Silicon	28-1	844255	837153	842620	841343	0.44	cps
Silver	109-1	72763	72084	73467	72771	0.95	cps
Silver	107-1	76408	77631	77614	77218	0.91	cps
Sodium	23-2	13340	13232	13682	13418	1.75	cps
Strontium	86-1	5551	5243	5276	5357	3.16	cps
Strontium	88-1	39492	37828	38422	38581	2.18	cps
Sulfur	34-1	357046	358157	361298	358834	0.61	cps
Terbium	159-1	7087561	7153335	6877997	7039631	2.04	cps
Terbium	159-2	1932196	1925109	1923415	1926907	0.24	cps
Thallium	203-1	32401	32417	30771	31863	2.97	cps
Thallium	205-1	75726	76178	77026	76310	0.86	cps
Tin	118-1	1942	1850	2117	1970	6.88	cps
Titanium	47-1	2192	2392	2275	2286	4.39	cps
Uranium	238-1	708	483	758	650	22.54	cps
Vanadium	51-2	23193	22952	23146	23097	0.55	cps
Yttrium	89-1	7193740	7294623	6931895	7140086	2.62	cps
Yttrium	89-2	277277	276276	277147	276900	0.20	cps
Zinc	66-2	4214	4191	4021	4142	2.55	cps
Zirconium	90-1	10129	9921	9962	10004	1.10	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:22:22	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2134	2234	2267	2211	3.14	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1275	1417	1442	1378	6.52	cps
Antimony	121-1	100887	102761	101610	101753	0.93	cps
Arsenic	75-2	1287	1237	1298	1274	2.56	cps
Barium	135-1	2092	2125	1925	2047	5.23	cps
Barium	137-1	3192	3409	3517	3373	4.91	cps
Beryllium	9-1	9909	10004	9426	9779	3.17	cps
Bismuth	209-1	3859620	4042726	3935851	3946066	2.33	cps
Bismuth	209-2	1478679	1503387	1484704	1488923	0.87	cps
Boron	10-1	792	833	633	753	14.02	cps
Boron	11-1	3826	3592	3442	3620	5.34	cps
Cadmium	111-1	24639	25600	24339	24859	2.65	cps
Cadmium	106-1	3409	3942	3442	3598	8.31	cps
Cadmium	108-1	1579	1675	1517	1590	5.01	cps
Calcium	43-1	5935	6485	5618	6013	7.30	cps
Calcium	44-1	108552	111171	110734	110152	1.27	cps
Chromium	52-2	15382	15022	15365	15256	1.33	cps
Cobalt	59-2	240	233	260	244	5.68	cps
Copper	63-2	21080	21116	20893	21029	0.57	cps
Dysprosium	156-1	558	667	608	611	8.87	cps
Dysprosium	156-2	137	197	183	172	18.29	cps
Erbium	164-1	442	367	483	431	13.73	cps
Erbium	164-2	87	97	80	88	9.56	cps
Gadolinium	160-1	642	508	575	575	11.59	cps
Gadolinium	160-2	193	223	213	210	7.27	cps
Holmium	165-1	6664540	6866080	6668540	6733053	1.71	cps
Holmium	165-2	1957363	1970028	1927009	1951466	1.13	cps
Indium	115-1	6390166	6488492	6437004	6438554	0.76	cps
Indium	115-2	360253	367057	362060	363123	0.97	cps
Iron	56-2	131626	131161	130005	130931	0.64	cps
Iron	57-2	3451	3551	3212	3404	5.12	cps
Lead	206-1	40286	40465	40510	40420	0.29	cps
Lead	207-1	34102	35071	34525	34566	1.41	cps
Lead	208-1	160412	160268	159268	159983	0.39	cps
Lithium	6-1	1235871	1288468	1254900	1259747	2.11	cps
Magnesium	24-2	2775	2984	2567	2775	7.51	cps
Manganese	55-2	4181	4271	4471	4307	3.45	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3892	3559	3417	3623	6.73	cps
Molybdenum	95-1	183	242	175	200	18.16	cps
Molybdenum	96-1	850	950	958	920	6.56	cps
Molybdenum	97-1	167	192	183	181	7.05	cps
Molybdenum	98-1	350	317	275	314	11.97	cps
Neodymium	150-1	1200	1100	1120	1140	4.64	cps
Neodymium	150-2	193	217	167	192	13.02	cps
Nickel	60-2	5738	5845	5858	5814	1.13	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	5668	5318	6143	5710	7.26	cps
Rhodium	103-1	6136182	6258863	6126282	6173776	1.20	cps
Rhodium	103-2	1908432	1946590	1948959	1934660	1.18	cps
Scandium	45-1	4170810	4290567	4262677	4241351	1.48	cps
Scandium	45-2	42474	42066	42344	42295	0.49	cps
Selenium	77-2	33	10	23	22	52.68	cps
Selenium	78-2	91	80	89	86	6.89	cps
Selenium	82-1	3300	3198	3133	3211	2.62	cps
Silicon	28-1	832908	831326	822348	828861	0.69	cps
Silver	109-1	74332	71926	70963	72407	2.40	cps
Silver	107-1	77926	76401	76392	76906	1.15	cps
Sodium	23-2	12564	12473	12498	12512	0.38	cps
Strontium	86-1	5518	5343	4985	5282	5.15	cps
Strontium	88-1	38840	39826	38363	39010	1.91	cps
Sulfur	34-1	359241	362839	357640	359907	0.74	cps
Terbium	159-1	7097300	7154358	7167944	7139867	0.53	cps
Terbium	159-2	1945748	1952252	1931587	1943196	0.54	cps
Thallium	203-1	33077	32802	32326	32735	1.16	cps
Thallium	205-1	77747	76489	74930	76389	1.85	cps
Tin	118-1	1784	1742	1842	1789	2.81	cps
Titanium	47-1	2200	2200	2442	2281	6.12	cps
Uranium	238-1	733	583	558	625	15.14	cps
Vanadium	51-2	22655	22548	22612	22605	0.24	cps
Yttrium	89-1	7051585	7253550	7075629	7126921	1.55	cps
Yttrium	89-2	273091	274825	270958	272958	0.71	cps
Zinc	66-2	3877	4201	3944	4007	4.26	cps
Zirconium	90-1	10596	10321	9696	10204	4.52	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:25:30	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2492	2467	2225	2395	6.15	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	233	375	269	34.49	cps
Antimony	121-1	20400	20249	18864	19838	4.27	cps
Arsenic	75-2	270	235	230	245	9.02	cps
Barium	135-1	317	400	358	358	11.63	cps
Barium	137-1	608	959	767	778	22.54	cps
Beryllium	9-1	2045	1917	1811	1924	6.07	cps
Bismuth	209-1	3942998	4009471	3736238	3896236	3.66	cps
Bismuth	209-2	1400593	1435737	1487709	1441347	3.04	cps
Boron	10-1	583	475	600	553	12.28	cps
Boron	11-1	2334	2317	1942	2197	10.08	cps
Cadmium	111-1	5862	5686	5617	5722	2.21	cps
Cadmium	106-1	1775	1934	1867	1859	4.28	cps
Cadmium	108-1	354	371	296	340	11.57	cps
Calcium	43-1	2650	2742	2667	2686	1.82	cps
Calcium	44-1	56390	54632	54775	55266	1.77	cps
Chromium	52-2	3477	3527	3647	3551	2.46	cps
Cobalt	59-2	83	87	113	94	17.41	cps
Copper	63-2	4818	4911	5118	4949	3.10	cps
Dysprosium	156-1	208	125	167	167	25.00	cps
Dysprosium	156-2	50	57	30	46	30.47	cps
Erbium	164-1	133	100	92	108	20.35	cps
Erbium	164-2	20	23	33	26	27.15	cps
Gadolinium	160-1	192	183	175	183	4.55	cps
Gadolinium	160-2	50	60	53	54	9.35	cps
Holmium	165-1	6746154	6924854	6326949	6665986	4.60	cps
Holmium	165-2	1835138	1898008	1950914	1894687	3.06	cps
Indium	115-1	6407531	6494858	6055826	6319405	3.68	cps
Indium	115-2	337690	344520	358016	346742	2.98	cps
Iron	56-2	26559	27600	27973	27377	2.68	cps
Iron	57-2	711	750	639	700	8.05	cps
Lead	206-1	8275	8514	7942	8244	3.49	cps
Lead	207-1	7630	7175	6808	7204	5.72	cps
Lead	208-1	33268	33084	30938	32430	4.00	cps
Lithium	6-1	1226379	1241103	1158513	1208665	3.64	cps
Magnesium	24-2	767	767	817	783	3.69	cps
Manganese	55-2	997	940	1010	982	3.78	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	783	858	692	778	10.73	cps
Molybdenum	95-1	83	67	117	89	28.64	cps
Molybdenum	96-1	208	325	258	264	22.18	cps
Molybdenum	97-1	92	158	92	114	33.80	cps
Molybdenum	98-1	83	100	100	94	10.19	cps
Neodymium	150-1	187	173	260	207	22.58	cps
Neodymium	150-2	23	47	43	38	33.41	cps
Nickel	60-2	1350	1463	1450	1421	4.36	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	3976	3709	3834	3840	3.48	cps
Rhodium	103-1	6155298	6237946	5792637	6061961	3.91	cps
Rhodium	103-2	1835599	1858916	1929048	1874521	2.59	cps
Scandium	45-1	4225727	4260696	4016635	4167686	3.17	cps
Scandium	45-2	39312	40328	41488	40376	2.70	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	28	22	13	21	35.67	cps
Selenium	82-1	718	594	616	643	10.32	cps
Silicon	28-1	512778	519340	511467	514528	0.82	cps
Silver	109-1	13866	14993	13975	14278	4.35	cps
Silver	107-1	15184	15201	14617	15001	2.22	cps
Sodium	23-2	6810	6935	7302	7016	3.64	cps
Strontium	86-1	2025	1859	1675	1853	9.45	cps
Strontium	88-1	7844	7828	6802	7491	7.97	cps
Sulfur	34-1	359401	362827	360364	360864	0.49	cps
Terbium	159-1	7108952	7282282	6741979	7044404	3.92	cps
Terbium	159-2	1818199	1862253	1933930	1871461	3.12	cps
Thallium	203-1	6752	6485	6602	6613	2.02	cps
Thallium	205-1	15227	15936	14684	15282	4.11	cps
Tin	118-1	775	750	708	745	4.52	cps
Titanium	47-1	692	683	525	633	14.83	cps
Uranium	238-1	117	142	100	119	17.56	cps
Vanadium	51-2	4091	4214	4404	4236	3.73	cps
Yttrium	89-1	7109996	7191302	6651182	6984160	4.17	cps
Yttrium	89-2	255082	262982	273519	263861	3.51	cps
Zinc	66-2	940	880	970	930	4.93	cps
Zirconium	90-1	2317	2334	2034	2228	7.57	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LREX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:28:37	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	425	675	433	511	27.78	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3751	3851	3767	3790	1.41	cps
Antimony	121-1	245399	247529	245732	246220	0.47	cps
Arsenic	75-2	2028	2228	2248	2168	5.62	cps
Barium	135-1	600095	602009	596729	599611	0.45	cps
Barium	137-1	1046637	1039611	1034778	1040342	0.57	cps
Beryllium	9-1	22613	23047	22446	22702	1.37	cps
Bismuth	209-1	3912318	3966230	3981498	3953349	0.92	cps
Bismuth	209-2	1470693	1471646	1472105	1471481	0.05	cps
Boron	10-1	683	717	733	711	3.58	cps
Boron	11-1	3009	2700	2950	2887	5.68	cps
Cadmium	111-1	40645	41311	40464	40807	1.09	cps
Cadmium	106-1	4868	5268	4901	5012	4.43	cps
Cadmium	108-1	2700	2567	2563	2610	3.00	cps
Calcium	43-1	6252	6018	6493	6254	3.80	cps
Calcium	44-1	108535	109131	107425	108364	0.80	cps
Chromium	52-2	52830	52033	52759	52541	0.84	cps
Cobalt	59-2	202738	200053	198340	200377	1.11	cps
Copper	63-2	103784	104922	104711	104472	0.58	cps
Dysprosium	156-1	550	600	667	606	9.67	cps
Dysprosium	156-2	153	170	157	160	5.51	cps
Erbium	164-1	450	367	375	397	11.55	cps
Erbium	164-2	110	107	110	109	1.77	cps
Gadolinium	160-1	567	583	533	561	4.54	cps
Gadolinium	160-2	177	153	233	188	21.91	cps
Holmium	165-1	6589382	6674309	6664100	6642597	0.70	cps
Holmium	165-2	1924422	1942640	1923528	1930197	0.56	cps
Indium	115-1	6380949	6410941	6403071	6398320	0.24	cps
Indium	115-2	354644	354832	353823	354433	0.15	cps
Iron	56-2	253006	249561	248556	250374	0.93	cps
Iron	57-2	6507	6541	6602	6550	0.73	cps
Lead	206-1	54389	53340	54132	53954	1.01	cps
Lead	207-1	47461	47222	46296	46993	1.31	cps
Lead	208-1	215455	212928	214869	214417	0.62	cps
Lithium	6-1	1268439	1272462	1285368	1275423	0.69	cps
Magnesium	24-2	2692	2775	2834	2767	2.57	cps
Manganese	55-2	31125	30814	31065	31001	0.53	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3592	3759	3626	3659	2.41	cps
Molybdenum	95-1	200	217	142	186	21.16	cps
Molybdenum	96-1	775	1017	825	872	14.63	cps
Molybdenum	97-1	167	250	150	189	28.36	cps
Molybdenum	98-1	283	425	350	353	20.09	cps
Neodymium	150-1	1300	1200	1053	1185	10.48	cps
Neodymium	150-2	217	170	243	210	17.68	cps
Nickel	60-2	64442	64093	63555	64030	0.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	5143	5034	5426	5201	3.89	cps
Rhodium	103-1	6097528	6154930	6020326	6090928	1.11	cps
Rhodium	103-2	1872066	1915576	1886056	1891233	1.17	cps
Scandium	45-1	4175969	4188648	4203428	4189348	0.33	cps
Scandium	45-2	41745	41719	42374	41946	0.88	cps
Selenium	77-2	43	27	47	39	27.55	cps
Selenium	78-2	157	137	150	148	6.96	cps
Selenium	82-1	5243	5281	5144	5223	1.35	cps
Silicon	28-1	820613	818574	808281	815823	0.81	cps
Silver	109-1	144241	141145	140435	141940	1.43	cps
Silver	107-1	148342	151874	148148	149454	1.40	cps
Sodium	23-2	11564	11580	11488	11544	0.42	cps
Strontium	86-1	5084	5443	4943	5157	5.00	cps
Strontium	88-1	37661	37803	36608	37358	1.75	cps
Sulfur	34-1	355624	352757	346461	351614	1.33	cps
Terbium	159-1	7058465	7127286	6993502	7059751	0.95	cps
Terbium	159-2	1904797	1885955	1896756	1895836	0.50	cps
Thallium	203-1	76950	76967	78359	77425	1.04	cps
Thallium	205-1	186663	185607	186196	186155	0.28	cps
Tin	118-1	1642	1717	1859	1739	6.33	cps
Titanium	47-1	2567	2367	2017	2317	12.02	cps
Uranium	238-1	725	583	608	639	11.84	cps
Vanadium	51-2	93040	92318	92553	92637	0.40	cps
Yttrium	89-1	7059100	7055842	6974686	7029876	0.68	cps
Yttrium	89-2	267542	267867	265890	267100	0.40	cps
Zinc	66-2	19257	18940	19471	19222	1.39	cps
Zirconium	90-1	9712	9729	9988	9810	1.57	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18RE	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:31:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2117	2250	2000	2122	5.89	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	351036	348063	349596	349565	0.43	cps
Antimony	121-1	3924766	3943174	3910356	3926099	0.42	cps
Arsenic	75-2	56227	56043	55775	56015	0.41	cps
Barium	135-1	4077049	4080932	4109114	4089032	0.43	cps
Barium	137-1	6960149	6990259	7037883	6996097	0.56	cps
Beryllium	9-1	673458	679959	684471	679296	0.82	cps
Bismuth	209-1	4217121	4157625	4195970	4190239	0.72	cps
Bismuth	209-2	1445136	1448968	1444438	1446181	0.17	cps
Boron	10-1	77048	79478	82177	79568	3.22	cps
Boron	11-1	355960	367621	368818	364133	1.95	cps
Cadmium	111-1	827176	837910	841250	835445	0.88	cps
Cadmium	106-1	87978	88481	90269	88909	1.35	cps
Cadmium	108-1	58321	59075	59305	58900	0.87	cps
Calcium	43-1	4572600	4628983	4653847	4618477	0.90	cps
Calcium	44-1	75620785	74827633	76531748	75660055	1.13	cps
Chromium	52-2	471278	467714	465605	468199	0.61	cps
Cobalt	59-2	953139	951946	945476	950187	0.43	cps
Copper	63-2	1645536	1638447	1619280	1634421	0.83	cps
Dysprosium	156-1	83	83	133	100	28.87	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	33	50	67	50	33.33	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	100	83	50	78	32.73	cps
Gadolinium	160-2	30	33	23	29	17.63	cps
Holmium	165-1	7286919	7286919	7326763	7300200	0.32	cps
Holmium	165-2	1980746	1961668	1951326	1964580	0.76	cps
Indium	115-1	6328193	6364459	6337452	6343368	0.30	cps
Indium	115-2	335569	334191	331544	333768	0.61	cps
Iron	56-2	74966679	75078513	74117852	74721015	0.70	cps
Iron	57-2	1921698	1915396	1899560	1912218	0.60	cps
Lead	206-1	2090968	2061961	2085359	2079429	0.74	cps
Lead	207-1	1859629	1850110	1890291	1866677	1.12	cps
Lead	208-1	8402661	8389160	8488574	8426799	0.64	cps
Lithium	6-1	1216920	1207607	1243625	1222717	1.53	cps
Magnesium	24-2	8539151	8599427	8517187	8551922	0.50	cps
Manganese	55-2	263615	258669	259016	260433	1.06	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3303270	3344098	3377150	3341506	1.11	cps
Molybdenum	95-1	1759454	1754474	1797451	1770460	1.33	cps
Molybdenum	96-1	2309978	2324192	2334504	2322892	0.53	cps
Molybdenum	97-1	1068384	1076157	1083703	1076081	0.71	cps
Molybdenum	98-1	2819757	2834390	2848453	2834200	0.51	cps
Neodymium	150-1	207	127	200	178	24.97	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	274229	274376	273006	273870	0.27	cps
Phosphorus	31-2	5418	5610	5218	5415	3.62	cps
Potassium	39-2	2620748	2545529	2562304	2576193	1.53	cps
Rhodium	103-1	5890209	5962166	5931580	5927985	0.61	cps
Rhodium	103-2	1783980	1795219	1767283	1782161	0.79	cps
Scandium	45-1	4200172	4233651	4270481	4234768	0.83	cps
Scandium	45-2	41033	40285	40482	40600	0.96	cps
Selenium	77-2	377	387	387	383	1.51	cps
Selenium	78-2	1502	1461	1426	1463	2.60	cps
Selenium	82-1	54437	54566	55039	54681	0.58	cps
Silicon	28-1	2369521	2396103	2434625	2400083	1.36	cps
Silver	109-1	3979674	3984052	3989606	3984444	0.12	cps
Silver	107-1	4127879	4178557	4222497	4176311	1.13	cps
Sodium	23-2	20785742	21033881	20919894	20913172	0.59	cps
Strontium	86-1	1146935	1165863	1157619	1156806	0.82	cps
Strontium	88-1	9926536	10055348	10101303	10027729	0.90	cps
Sulfur	34-1	684500	675447	685054	681667	0.79	cps
Terbium	159-1	7619313	7659928	7674570	7651270	0.37	cps
Terbium	159-2	1905063	1912668	1901097	1906276	0.31	cps
Thallium	203-1	2558421	2561389	2618251	2579354	1.31	cps
Thallium	205-1	6031383	6071475	6134109	6078989	0.85	cps
Tin	118-1	2736900	2727009	2741980	2735296	0.28	cps
Titanium	47-1	498771	500852	499907	499843	0.21	cps
Uranium	238-1	7923065	7952007	7969569	7948214	0.30	cps
Vanadium	51-2	351769	353861	351642	352424	0.35	cps
Yttrium	89-1	7170116	7232154	7213657	7205309	0.44	cps
Yttrium	89-2	263269	264621	261686	263192	0.56	cps
Zinc	66-2	145470	147363	144944	145926	0.87	cps
Zirconium	90-1	6326832	6338974	6346301	6337369	0.16	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV088	Instrumnet Name :	P8
Client Sample ID :	CCV088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:34:54	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1417357	1410780	1422283	1416807	0.41	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	42	36	26.65	cps
Antimony	121-1	3151	3051	2925	3042	3.71	cps
Arsenic	75-2	11	7	11	10	21.63	cps
Barium	135-1	33	58	33	42	34.65	cps
Barium	137-1	33	133	58	75	69.39	cps
Beryllium	9-1	333	294	261	296	12.20	cps
Bismuth	209-1	4337218	4274101	4266149	4292489	0.91	cps
Bismuth	209-2	1498040	1458203	1518984	1491742	2.07	cps
Boron	10-1	1992	2025	1975	1997	1.28	cps
Boron	11-1	9612	9203	8928	9248	3.72	cps
Cadmium	111-1	1082	1018	1065	1055	3.17	cps
Cadmium	106-1	1475	1375	1450	1433	3.63	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Calcium	43-1	1867	1792	1659	1772	5.95	cps
Calcium	44-1	41696	40384	41671	41251	1.82	cps
Chromium	52-2	860	933	953	916	5.37	cps
Cobalt	59-2	53	43	57	51	13.58	cps
Copper	63-2	520	430	537	496	11.58	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	50	75	42	56	31.22	cps
Gadolinium	160-2	7	10	3	7	50.03	cps
Holmium	165-1	7045951	7041670	7023111	7036911	0.17	cps
Holmium	165-2	1922770	1867337	1953725	1914611	2.29	cps
Indium	115-1	6661426	6577381	6591459	6610089	0.68	cps
Indium	115-2	352145	337922	352834	347634	2.42	cps
Iron	56-2	3406	3445	3267	3373	2.77	cps
Iron	57-2	72	122	83	93	28.36	cps
Lead	206-1	706	578	578	620	11.89	cps
Lead	207-1	594	528	461	528	12.63	cps
Lead	208-1	2745	2345	2261	2450	10.55	cps
Lithium	6-1	1253364	1233355	1238366	1241695	0.84	cps
Magnesium	24-2	433	267	283	328	28.01	cps
Manganese	55-2	93	153	100	116	28.46	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	633	525	408	522	21.55	cps
Molybdenum	95-1	225	200	183	203	10.34	cps
Molybdenum	96-1	450	375	392	406	9.71	cps
Molybdenum	97-1	233	217	125	192	30.43	cps
Molybdenum	98-1	533	350	333	406	27.36	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	353	293	340	329	9.58	cps
Phosphorus	31-2	8	33	0	14	124.92	cps
Potassium	39-2	3426	3584	3701	3570	3.87	cps
Rhodium	103-1	6328293	6279939	6240632	6282954	0.70	cps
Rhodium	103-2	1901019	1851005	1901515	1884513	1.54	cps
Scandium	45-1	4286984	4262962	4252462	4267469	0.41	cps
Scandium	45-2	41291	39660	41123	40691	2.21	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	4	2	43.30	cps
Selenium	82-1	-12	75	-57	2	3540.32	cps
Silicon	28-1	457702	446645	440600	448316	1.93	cps
Silver	109-1	525	483	517	508	4.34	cps
Silver	107-1	625	533	675	611	11.76	cps
Sodium	23-2	8795	8428	8136	8453	3.91	cps
Strontium	86-1	1083	875	883	947	12.45	cps
Strontium	88-1	150	150	100	133	21.65	cps
Sulfur	34-1	372261	371515	371752	371843	0.10	cps
Terbium	159-1	7592674	7429784	7439146	7487202	1.22	cps
Terbium	159-2	1899438	1857660	1909923	1889007	1.46	cps
Thallium	203-1	333	292	350	325	9.24	cps
Thallium	205-1	842	933	692	822	14.84	cps
Tin	118-1	1625	1517	1458	1533	5.52	cps
Titanium	47-1	250	158	167	192	26.45	cps
Uranium	238-1	208	183	192	194	6.55	cps
Vanadium	51-2	23	13	17	18	28.64	cps
Yttrium	89-1	7225759	7197487	7240229	7221158	0.30	cps
Yttrium	89-2	265635	256227	268672	263511	2.46	cps
Zinc	66-2	83	80	103	89	14.20	cps
Zirconium	90-1	825	958	1033	939	11.24	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB088	Instrumnet Name :	P8
Client Sample ID :	CCB088	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:37:52	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	233	225	192	217	10.18	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1425	1175	1242	1281	10.11	cps
Antimony	121-1	105238	101416	103029	103228	1.86	cps
Arsenic	75-2	1235	1324	1215	1258	4.62	cps
Barium	135-1	2125	2134	1867	2042	7.43	cps
Barium	137-1	3701	3234	3367	3434	7.00	cps
Beryllium	9-1	9876	9670	9943	9830	1.44	cps
Bismuth	209-1	3990197	3991977	4066524	4016233	1.08	cps
Bismuth	209-2	1485080	1470488	1473732	1476433	0.52	cps
Boron	10-1	983	883	1133	1000	12.58	cps
Boron	11-1	5168	4701	4476	4782	7.38	cps
Cadmium	111-1	25054	25493	24633	25060	1.72	cps
Cadmium	106-1	3626	3717	3392	3578	4.68	cps
Cadmium	108-1	1596	1621	1571	1596	1.57	cps
Calcium	43-1	6235	5927	5977	6046	2.74	cps
Calcium	44-1	108030	108257	106031	107439	1.14	cps
Chromium	52-2	14955	15008	15285	15083	1.18	cps
Cobalt	59-2	190	283	213	229	21.22	cps
Copper	63-2	21373	20779	20666	20939	1.82	cps
Dysprosium	156-1	633	658	650	647	1.97	cps
Dysprosium	156-2	170	137	160	156	11.00	cps
Erbium	164-1	467	425	408	433	6.93	cps
Erbium	164-2	113	113	103	110	5.25	cps
Gadolinium	160-1	625	583	600	603	3.48	cps
Gadolinium	160-2	177	200	240	206	15.58	cps
Holmium	165-1	6840028	6747135	6849820	6812328	0.83	cps
Holmium	165-2	1939745	1925112	1918283	1927713	0.57	cps
Indium	115-1	6533182	6526874	6428981	6496346	0.90	cps
Indium	115-2	355459	353561	357950	355657	0.62	cps
Iron	56-2	129989	129546	129619	129718	0.18	cps
Iron	57-2	2967	3223	3223	3137	4.70	cps
Lead	206-1	40610	40883	40744	40745	0.34	cps
Lead	207-1	36330	34921	35600	35617	1.98	cps
Lead	208-1	163260	160463	163441	162388	1.03	cps
Lithium	6-1	1278130	1277080	1285348	1280186	0.35	cps
Magnesium	24-2	2709	2700	2775	2728	1.51	cps
Manganese	55-2	4471	4201	4217	4296	3.52	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3642	3559	3917	3706	5.06	cps
Molybdenum	95-1	200	242	200	214	11.25	cps
Molybdenum	96-1	983	983	908	958	4.52	cps
Molybdenum	97-1	200	267	158	208	26.23	cps
Molybdenum	98-1	450	383	375	403	10.21	cps
Neodymium	150-1	1153	1107	1047	1102	4.85	cps
Neodymium	150-2	160	210	227	199	17.45	cps
Nickel	60-2	5955	5975	5765	5898	1.97	cps
Phosphorus	31-2	17	0	17	11	86.60	cps
Potassium	39-2	5643	5385	5410	5479	2.60	cps
Rhodium	103-1	6243276	6189613	6124439	6185776	0.96	cps
Rhodium	103-2	1925261	1903504	1937621	1922128	0.90	cps
Scandium	45-1	4281652	4278818	4219431	4259967	0.82	cps
Scandium	45-2	41782	41879	42357	42006	0.73	cps
Selenium	77-2	17	17	17	17	0.00	cps
Selenium	78-2	61	81	74	72	14.28	cps
Selenium	82-1	3123	3230	3066	3140	2.64	cps
Silicon	28-1	825196	823137	813057	820463	0.79	cps
Silver	109-1	73292	72907	72917	73039	0.30	cps
Silver	107-1	76945	75453	76836	76411	1.09	cps
Sodium	23-2	12389	12940	13282	12870	3.50	cps
Strontium	86-1	5085	5643	4693	5140	9.29	cps
Strontium	88-1	38848	40286	39968	39701	1.90	cps
Sulfur	34-1	376556	374508	376797	375954	0.33	cps
Terbium	159-1	7251107	7127686	7240789	7206527	0.95	cps
Terbium	159-2	1912843	1918052	1901237	1910711	0.45	cps
Thallium	203-1	32844	33729	33562	33378	1.41	cps
Thallium	205-1	79583	76892	78552	78342	1.73	cps
Tin	118-1	2034	2292	1959	2095	8.35	cps
Titanium	47-1	2117	2134	2150	2134	0.78	cps
Uranium	238-1	792	658	700	717	9.52	cps
Vanadium	51-2	23029	22452	23447	22976	2.17	cps
Yttrium	89-1	7228707	7118620	7174443	7173923	0.77	cps
Yttrium	89-2	269292	266280	269202	268258	0.64	cps
Zinc	66-2	3841	4004	3794	3879	2.84	cps
Zirconium	90-1	10471	10254	10121	10282	1.72	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16	Instrumnet Name :	P8
Client Sample ID :	MX2B04	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:43:26	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2625	2400	2117	2381	10.70	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1208	1250	1250	1236	1.95	cps
Antimony	121-1	103929	103516	104507	103984	0.48	cps
Arsenic	75-2	1346	1237	1206	1263	5.85	cps
Barium	135-1	1959	1675	1975	1870	9.02	cps
Barium	137-1	3659	3134	3317	3370	7.91	cps
Beryllium	9-1	9698	10287	10076	10020	2.98	cps
Bismuth	209-1	4127222	3987706	4068678	4061202	1.73	cps
Bismuth	209-2	1491907	1478918	1482981	1484602	0.45	cps
Boron	10-1	817	858	975	883	9.29	cps
Boron	11-1	4017	3709	3876	3867	3.99	cps
Cadmium	111-1	24889	25176	25191	25085	0.68	cps
Cadmium	106-1	3442	3367	3642	3484	4.08	cps
Cadmium	108-1	1696	1617	1704	1672	2.89	cps
Calcium	43-1	6310	5943	6293	6182	3.35	cps
Calcium	44-1	108559	109096	109005	108887	0.26	cps
Chromium	52-2	15218	14755	14805	14926	1.71	cps
Cobalt	59-2	263	297	270	277	6.37	cps
Copper	63-2	20332	20425	21156	20638	2.19	cps
Dysprosium	156-1	475	650	675	600	18.16	cps
Dysprosium	156-2	163	167	180	170	5.19	cps
Erbium	164-1	358	450	375	394	12.38	cps
Erbium	164-2	83	140	103	109	26.39	cps
Gadolinium	160-1	667	567	592	608	8.56	cps
Gadolinium	160-2	160	177	213	183	14.88	cps
Holmium	165-1	6863004	6775417	6895940	6844787	0.91	cps
Holmium	165-2	1978505	1919646	1926340	1941497	1.66	cps
Indium	115-1	6498663	6530872	6513378	6514304	0.25	cps
Indium	115-2	357551	349968	352521	353347	1.09	cps
Iron	56-2	130107	127399	128974	128827	1.06	cps
Iron	57-2	3156	3195	3289	3213	2.13	cps
Lead	206-1	40955	40911	42087	41318	1.61	cps
Lead	207-1	35706	35640	35946	35764	0.45	cps
Lead	208-1	163675	161366	164595	163212	1.02	cps
Lithium	6-1	1292779	1280405	1300756	1291313	0.79	cps
Magnesium	24-2	2817	2742	2842	2800	1.86	cps
Manganese	55-2	4244	4271	4174	4230	1.18	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3884	3826	3959	3890	1.72	cps
Molybdenum	95-1	275	225	167	222	24.40	cps
Molybdenum	96-1	992	858	967	939	7.55	cps
Molybdenum	97-1	275	183	233	231	19.91	cps
Molybdenum	98-1	342	308	408	353	14.43	cps
Neodymium	150-1	1133	1287	1113	1178	8.05	cps
Neodymium	150-2	213	167	210	197	13.24	cps
Nickel	60-2	5708	5715	5721	5715	0.12	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	5601	5685	5393	5560	2.70	cps
Rhodium	103-1	6234344	6240326	6201241	6225304	0.34	cps
Rhodium	103-2	1931053	1926478	1911456	1922995	0.53	cps
Scandium	45-1	4291161	4283849	4252988	4275999	0.47	cps
Scandium	45-2	41555	41170	41809	41511	0.77	cps
Selenium	77-2	33	27	20	27	24.99	cps
Selenium	78-2	89	65	52	69	27.43	cps
Selenium	82-1	3163	3020	3296	3160	4.37	cps
Silicon	28-1	821055	812325	815527	816302	0.54	cps
Silver	109-1	73803	72562	73283	73216	0.85	cps
Silver	107-1	77346	76065	76475	76629	0.85	cps
Sodium	23-2	12473	11513	12006	11997	4.00	cps
Strontium	86-1	5018	5060	4968	5015	0.92	cps
Strontium	88-1	39107	37544	38288	38313	2.04	cps
Sulfur	34-1	373220	369514	369751	370828	0.56	cps
Terbium	159-1	7289242	7269518	7306997	7288586	0.26	cps
Terbium	159-2	1922237	1896546	1916843	1911875	0.71	cps
Thallium	203-1	34147	32802	33871	33607	2.11	cps
Thallium	205-1	77948	78166	79491	78535	1.06	cps
Tin	118-1	2067	1842	1792	1900	7.71	cps
Titanium	47-1	2125	2225	2600	2317	10.81	cps
Uranium	238-1	658	633	558	617	8.44	cps
Vanadium	51-2	23022	22388	22315	22575	1.72	cps
Yttrium	89-1	7158803	7135569	7079117	7124496	0.58	cps
Yttrium	89-2	271188	266877	265736	267933	1.07	cps
Zinc	66-2	3807	3841	3611	3753	3.31	cps
Zirconium	90-1	10596	10129	10304	10343	2.28	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-17	Instrumnet Name :	P8
Client Sample ID :	MX2B04D	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:46:34	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2425	2359	2200	2328	4.97	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	275	267	167	236	25.53	cps
Antimony	121-1	20483	20583	19799	20288	2.10	cps
Arsenic	75-2	259	239	294	264	10.64	cps
Barium	135-1	517	450	350	439	19.11	cps
Barium	137-1	808	758	942	836	11.33	cps
Beryllium	9-1	2172	2106	1961	2080	5.19	cps
Bismuth	209-1	4133081	4154726	4061567	4116458	1.18	cps
Bismuth	209-2	1426691	1474864	1503657	1468404	2.65	cps
Boron	10-1	633	525	475	544	14.87	cps
Boron	11-1	2642	2725	2567	2645	3.00	cps
Cadmium	111-1	5829	5942	5528	5766	3.71	cps
Cadmium	106-1	2067	1817	1667	1850	10.92	cps
Cadmium	108-1	283	300	242	275	10.92	cps
Calcium	43-1	2834	2425	2667	2642	7.77	cps
Calcium	44-1	52650	53829	53971	53483	1.36	cps
Chromium	52-2	3887	3811	3831	3843	1.03	cps
Cobalt	59-2	67	90	57	71	24.05	cps
Copper	63-2	4701	4778	4801	4760	1.10	cps
Dysprosium	156-1	175	167	142	161	10.77	cps
Dysprosium	156-2	30	57	33	40	36.33	cps
Erbium	164-1	100	108	83	97	13.09	cps
Erbium	164-2	33	27	37	32	15.80	cps
Gadolinium	160-1	108	208	208	175	32.99	cps
Gadolinium	160-2	53	20	57	43	46.79	cps
Holmium	165-1	6814562	7088072	6839205	6913946	2.19	cps
Holmium	165-2	1891116	1928768	1990939	1936941	2.60	cps
Indium	115-1	6520052	6637449	6434277	6530593	1.56	cps
Indium	115-2	341601	356378	364007	353995	3.22	cps
Iron	56-2	27617	27951	27990	27852	0.74	cps
Iron	57-2	700	650	650	667	4.33	cps
Lead	206-1	8397	8381	8436	8405	0.34	cps
Lead	207-1	7380	7141	7108	7210	2.06	cps
Lead	208-1	33218	33374	33368	33320	0.27	cps
Lithium	6-1	1241995	1255039	1224787	1240607	1.22	cps
Magnesium	24-2	817	783	725	775	5.99	cps
Manganese	55-2	893	810	1083	929	15.08	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	817	925	1000	914	10.09	cps
Molybdenum	95-1	83	117	67	89	28.64	cps
Molybdenum	96-1	408	275	267	317	25.11	cps
Molybdenum	97-1	142	183	125	150	20.03	cps
Molybdenum	98-1	117	150	100	122	20.83	cps
Neodymium	150-1	173	267	247	229	21.47	cps
Neodymium	150-2	47	47	40	44	8.66	cps
Nickel	60-2	1230	1480	1467	1392	10.10	cps
Phosphorus	31-2	8	25	25	19	49.50	cps
Potassium	39-2	3576	3992	3867	3812	5.61	cps
Rhodium	103-1	6293567	6436323	6153403	6294431	2.25	cps
Rhodium	103-2	1834893	1912276	1932648	1893272	2.72	cps
Scandium	45-1	4307319	4401865	4238793	4315993	1.90	cps
Scandium	45-2	39422	42137	41802	41120	3.60	cps
Selenium	77-2	13	3	7	8	65.47	cps
Selenium	78-2	22	20	26	23	12.40	cps
Selenium	82-1	508	568	661	579	13.30	cps
Silicon	28-1	506465	505084	507020	506190	0.20	cps
Silver	109-1	14884	14458	14800	14714	1.53	cps
Silver	107-1	15243	15627	15268	15379	1.40	cps
Sodium	23-2	6427	6335	6485	6416	1.18	cps
Strontium	86-1	1584	1625	1533	1581	2.90	cps
Strontium	88-1	7669	7619	7953	7747	2.32	cps
Sulfur	34-1	367083	372461	370972	370172	0.75	cps
Terbium	159-1	7270863	7413997	7317526	7334129	1.00	cps
Terbium	159-2	1838657	1894056	1938788	1890500	2.65	cps
Thallium	203-1	6535	6485	6794	6605	2.51	cps
Thallium	205-1	14926	15869	15602	15466	3.14	cps
Tin	118-1	800	825	617	747	15.22	cps
Titanium	47-1	417	517	675	536	24.30	cps
Uranium	238-1	92	133	142	122	21.92	cps
Vanadium	51-2	4551	4377	4517	4482	2.05	cps
Yttrium	89-1	7184676	7417401	7142324	7248134	2.04	cps
Yttrium	89-2	258852	268050	273055	266652	2.70	cps
Zinc	66-2	803	813	810	809	0.63	cps
Zirconium	90-1	2584	2459	2525	2523	2.48	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2B04L	Dilution Factor :	5
Date & Time Acquired ::	2017-09-08 13:49:43	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	667	542	633	614	10.54	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4326	4126	3959	4137	4.44	cps
Antimony	121-1	255451	253056	254535	254347	0.48	cps
Arsenic	75-2	2321	2206	2180	2235	3.35	cps
Barium	135-1	623095	618425	611882	617800	0.91	cps
Barium	137-1	1076722	1077675	1061229	1071875	0.86	cps
Beryllium	9-1	23058	23592	23503	23384	1.22	cps
Bismuth	209-1	4060243	4049740	4045264	4051749	0.19	cps
Bismuth	209-2	1513878	1504190	1501036	1506368	0.44	cps
Boron	10-1	875	892	692	819	13.54	cps
Boron	11-1	3767	3192	3684	3548	8.76	cps
Cadmium	111-1	41894	41456	42078	41809	0.76	cps
Cadmium	106-1	5485	5335	4926	5248	5.51	cps
Cadmium	108-1	2750	2600	2700	2684	2.85	cps
Calcium	43-1	6152	6260	6460	6291	2.49	cps
Calcium	44-1	108669	110734	109677	109693	0.94	cps
Chromium	52-2	54529	53790	53609	53976	0.90	cps
Cobalt	59-2	206029	203509	206128	205222	0.72	cps
Copper	63-2	108013	107656	108311	107993	0.30	cps
Dysprosium	156-1	767	742	525	678	19.61	cps
Dysprosium	156-2	150	160	183	164	10.40	cps
Erbium	164-1	425	417	408	417	2.00	cps
Erbium	164-2	117	103	100	107	8.27	cps
Gadolinium	160-1	658	692	550	633	11.70	cps
Gadolinium	160-2	193	187	170	183	6.56	cps
Holmium	165-1	6826721	6841178	6839296	6835731	0.11	cps
Holmium	165-2	1950510	1962369	1933729	1948869	0.74	cps
Indium	115-1	6461217	6498949	6576468	6512211	0.90	cps
Indium	115-2	360998	359127	355447	358524	0.79	cps
Iron	56-2	258333	257114	257821	257756	0.24	cps
Iron	57-2	6724	6746	6546	6672	1.64	cps
Lead	206-1	54930	56448	54712	55363	1.71	cps
Lead	207-1	47802	49190	47138	48043	2.18	cps
Lead	208-1	219032	222302	218073	219803	1.01	cps
Lithium	6-1	1271250	1286445	1292678	1283458	0.86	cps
Magnesium	24-2	2717	2484	2767	2656	5.70	cps
Manganese	55-2	32227	32862	31643	32244	1.89	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3601	3667	3684	3651	1.21	cps
Molybdenum	95-1	225	217	200	214	5.95	cps
Molybdenum	96-1	1008	883	792	895	12.16	cps
Molybdenum	97-1	350	233	142	242	43.21	cps
Molybdenum	98-1	417	317	358	364	13.81	cps
Neodymium	150-1	1107	1267	1200	1191	6.75	cps
Neodymium	150-2	203	213	200	206	3.37	cps
Nickel	60-2	64338	65081	65865	65095	1.17	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	5126	5501	5135	5254	4.08	cps
Rhodium	103-1	6319351	6260254	6286427	6288677	0.47	cps
Rhodium	103-2	1958718	1947639	1931086	1945814	0.71	cps
Scandium	45-1	4340618	4318043	4307612	4322091	0.39	cps
Scandium	45-2	41170	42153	41886	41737	1.22	cps
Selenium	77-2	47	63	50	53	16.53	cps
Selenium	78-2	120	143	148	137	10.73	cps
Selenium	82-1	5439	5464	5309	5404	1.54	cps
Silicon	28-1	826236	813063	812908	817402	0.94	cps
Silver	109-1	142851	145327	145774	144650	1.09	cps
Silver	107-1	155396	153936	151603	153645	1.25	cps
Sodium	23-2	11255	11171	10955	11127	1.39	cps
Strontium	86-1	5201	5251	5560	5337	3.64	cps
Strontium	88-1	37779	38355	38272	38135	0.82	cps
Sulfur	34-1	374212	371991	370946	372383	0.45	cps
Terbium	159-1	7230427	7320828	7157271	7236175	1.13	cps
Terbium	159-2	1940834	1929405	1922712	1930984	0.47	cps
Thallium	203-1	80153	82023	79003	80393	1.90	cps
Thallium	205-1	190148	191035	192313	191165	0.57	cps
Tin	118-1	1892	1784	2067	1914	7.47	cps
Titanium	47-1	2475	2284	2159	2306	6.92	cps
Uranium	238-1	525	700	583	603	14.78	cps
Vanadium	51-2	94258	94969	94778	94668	0.39	cps
Yttrium	89-1	7273307	7202004	7218454	7231255	0.52	cps
Yttrium	89-2	273305	275260	268799	272455	1.22	cps
Zinc	66-2	19741	19451	19544	19578	0.76	cps
Zirconium	90-1	9862	10454	10454	10257	3.33	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	I5150-18	Instrumnet Name :	P8
Client Sample ID :	MX2B04S	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:52:50	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2300	2167	2317	2261	3.64	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	357972	354271	355929	356058	0.52	cps
Antimony	121-1	4033696	4034378	4073209	4047094	0.56	cps
Arsenic	75-2	57898	57071	57279	57416	0.75	cps
Barium	135-1	4148489	4170373	4211444	4176768	0.77	cps
Barium	137-1	7126862	7270477	7181946	7193095	1.01	cps
Beryllium	9-1	696266	697383	693732	695794	0.27	cps
Bismuth	209-1	4347505	4282559	4302568	4310877	0.77	cps
Bismuth	209-2	1491262	1505564	1474843	1490556	1.03	cps
Boron	10-1	79144	81967	81582	80898	1.89	cps
Boron	11-1	368040	372381	378747	373056	1.44	cps
Cadmium	111-1	859170	859486	866225	861627	0.46	cps
Cadmium	106-1	90947	92751	92659	92119	1.10	cps
Cadmium	108-1	60565	60142	61012	60573	0.72	cps
Calcium	43-1	4713934	4757886	4761291	4744370	0.56	cps
Calcium	44-1	77941150	78130129	78439291	78170190	0.32	cps
Chromium	52-2	483540	481724	479995	481753	0.37	cps
Cobalt	59-2	985342	981610	977092	981348	0.42	cps
Copper	63-2	1677382	1667759	1658467	1667870	0.57	cps
Dysprosium	156-1	75	108	83	89	19.52	cps
Dysprosium	156-2	13	13	7	11	34.61	cps
Erbium	164-1	58	25	42	42	40.00	cps
Erbium	164-2	17	20	10	16	32.73	cps
Gadolinium	160-1	108	125	150	128	16.41	cps
Gadolinium	160-2	13	30	37	27	45.08	cps
Holmium	165-1	7493169	7486994	7450959	7477041	0.30	cps
Holmium	165-2	2018418	2043593	2004682	2022231	0.98	cps
Indium	115-1	6504000	6581019	6497957	6527659	0.71	cps
Indium	115-2	341542	346198	339538	342426	1.00	cps
Iron	56-2	76742260	76819907	77159632	76907267	0.29	cps
Iron	57-2	1977554	1980804	1976852	1978403	0.11	cps
Lead	206-1	2112036	2125284	2144585	2127302	0.77	cps
Lead	207-1	1902833	1914295	1914675	1910601	0.35	cps
Lead	208-1	8628377	8663524	8693211	8661704	0.37	cps
Lithium	6-1	1260842	1244288	1233017	1246049	1.12	cps
Magnesium	24-2	8812053	8749704	8773003	8778253	0.36	cps
Manganese	55-2	266462	266326	265231	266006	0.25	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	3374401	3421297	3472976	3422891	1.44	cps
Molybdenum	95-1	1819955	1816027	1794163	1810048	0.77	cps
Molybdenum	96-1	2406428	2402697	2366213	2391779	0.93	cps
Molybdenum	97-1	1102785	1112939	1104921	1106882	0.48	cps
Molybdenum	98-1	2913043	2973824	2934182	2940350	1.05	cps
Neodymium	150-1	180	180	200	187	6.19	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	281943	283531	280220	281898	0.59	cps
Phosphorus	31-2	5927	5626	5293	5615	5.64	cps
Potassium	39-2	2628022	2655001	2674609	2652544	0.88	cps
Rhodium	103-1	6157279	6130442	6097771	6128497	0.49	cps
Rhodium	103-2	1843637	1844609	1835957	1841401	0.26	cps
Scandium	45-1	4343098	4348499	4317724	4336440	0.38	cps
Scandium	45-2	41551	41625	41541	41573	0.11	cps
Selenium	77-2	383	380	490	418	14.98	cps
Selenium	78-2	1463	1374	1443	1427	3.26	cps
Selenium	82-1	56190	56586	56318	56365	0.36	cps
Silicon	28-1	2398763	2424320	2465415	2429500	1.38	cps
Silver	109-1	4075777	4074025	4114893	4088232	0.57	cps
Silver	107-1	4294853	4313400	4355951	4321402	0.72	cps
Sodium	23-2	21502056	21419279	21161099	21360811	0.83	cps
Strontium	86-1	1179719	1179588	1192155	1183821	0.61	cps
Strontium	88-1	10381759	10255349	10340800	10325969	0.62	cps
Sulfur	34-1	697647	701811	699207	699555	0.30	cps
Terbium	159-1	7837549	7887891	7795401	7840280	0.59	cps
Terbium	159-2	1983344	1982444	1954819	1973536	0.82	cps
Thallium	203-1	2648816	2635429	2623675	2635973	0.48	cps
Thallium	205-1	6240130	6276246	6279422	6265266	0.35	cps
Tin	118-1	2793752	2832452	2857939	2828048	1.14	cps
Titanium	47-1	516205	515906	516382	516164	0.05	cps
Uranium	238-1	8116061	8139161	8261909	8172377	0.96	cps
Vanadium	51-2	362495	361818	360494	361602	0.28	cps
Yttrium	89-1	7443413	7414953	7409017	7422461	0.25	cps
Yttrium	89-2	269723	270162	268024	269303	0.42	cps
Zinc	66-2	149920	151143	150594	150552	0.41	cps
Zirconium	90-1	6474712	6535525	6536777	6515671	0.54	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCV089	Instrumnet Name :	P8
Client Sample ID :	CCV089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:56:00	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1462332	1459533	1467345	1463070	0.27	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	8	28	75.51	cps
Antimony	121-1	3159	3092	2842	3031	5.51	cps
Arsenic	75-2	2	4	4	3	34.64	cps
Barium	135-1	17	58	75	50	60.09	cps
Barium	137-1	83	108	33	75	50.92	cps
Beryllium	9-1	261	278	322	287	11.01	cps
Bismuth	209-1	4369414	4337459	4318798	4341890	0.59	cps
Bismuth	209-2	1547654	1545170	1531663	1541496	0.56	cps
Boron	10-1	1892	1942	1834	1889	2.87	cps
Boron	11-1	9820	8836	8011	8889	10.19	cps
Cadmium	111-1	1000	1005	1146	1050	7.90	cps
Cadmium	106-1	1375	1375	1567	1439	7.69	cps
Cadmium	108-1	13	17	25	18	35.25	cps
Calcium	43-1	1784	1859	1842	1828	2.15	cps
Calcium	44-1	39523	41053	39874	40150	2.00	cps
Chromium	52-2	930	987	923	947	3.68	cps
Cobalt	59-2	67	27	40	44	45.82	cps
Copper	63-2	443	390	467	433	9.07	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	33	42	28	62.46	cps
Erbium	164-2	3	17	0	7	132.33	cps
Gadolinium	160-1	67	50	75	64	19.92	cps
Gadolinium	160-2	17	13	0	10	88.20	cps
Holmium	165-1	7186397	7233981	7178768	7199715	0.42	cps
Holmium	165-2	2005519	2012939	1949057	1989171	1.76	cps
Indium	115-1	6729691	6668891	6640123	6679568	0.68	cps
Indium	115-2	360956	358134	357789	358959	0.48	cps
Iron	56-2	3462	3412	3473	3449	0.94	cps
Iron	57-2	94	117	100	104	11.15	cps
Lead	206-1	567	656	506	576	13.10	cps
Lead	207-1	594	622	533	583	7.80	cps
Lead	208-1	2317	2572	2311	2400	6.22	cps
Lithium	6-1	1257828	1246380	1245260	1249822	0.56	cps
Magnesium	24-2	325	183	367	292	32.95	cps
Manganese	55-2	143	57	97	99	43.86	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	94-1	558	408	583	517	18.32	cps
Molybdenum	95-1	175	125	167	156	17.22	cps
Molybdenum	96-1	408	400	392	400	2.08	cps
Molybdenum	97-1	183	208	217	203	8.56	cps
Molybdenum	98-1	392	358	400	383	5.75	cps
Neodymium	150-1	0	20	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	390	340	393	374	7.98	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3250	3742	3651	3548	7.37	cps
Rhodium	103-1	6403873	6366220	6279454	6349849	1.00	cps
Rhodium	103-2	1966920	1925499	1931833	1941417	1.15	cps
Scandium	45-1	4313116	4292384	4245589	4283696	0.81	cps
Scandium	45-2	42033	41384	41438	41618	0.87	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-62	-5	-58	-42	-75.44	cps
Silicon	28-1	444615	436636	440887	440713	0.91	cps
Silver	109-1	442	608	467	506	17.78	cps
Silver	107-1	467	500	467	478	4.03	cps
Sodium	23-2	8445	8503	8520	8489	0.46	cps
Strontium	86-1	917	833	825	858	5.91	cps
Strontium	88-1	167	200	258	208	22.27	cps
Sulfur	34-1	370887	368187	370087	369720	0.38	cps
Terbium	159-1	7617890	7685866	7593353	7632370	0.63	cps
Terbium	159-2	1953933	1967827	1909955	1943905	1.55	cps
Thallium	203-1	358	383	258	333	19.84	cps
Thallium	205-1	850	708	675	745	12.48	cps
Tin	118-1	1567	1400	1358	1442	7.65	cps
Titanium	47-1	225	283	142	217	32.86	cps
Uranium	238-1	183	217	133	178	23.59	cps
Vanadium	51-2	10	20	17	16	32.73	cps
Yttrium	89-1	7361958	7288807	7378087	7342951	0.65	cps
Yttrium	89-2	271149	270108	266797	269351	0.84	cps
Zinc	66-2	110	60	90	87	29.04	cps
Zirconium	90-1	908	767	992	889	12.80	cps

LB Number :	LB89998	Operator :	Jaswal
Lab Sample ID :	CCB089	Instrumnet Name :	P8
Client Sample ID :	CCB089	Dilution Factor :	1
Date & Time Acquired ::	2017-09-08 13:58:59	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	208	208	186	20.68	cps