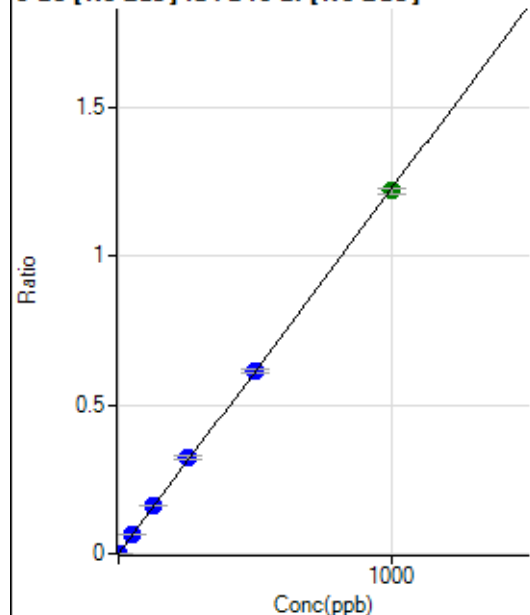


Batch Folder: D:\P8100918ICPMS.b\
Analysis File: P8100918ICPMS.batch.bin
DA Date-Time: 2018-10-09 18:29:07
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-09 14:08:13
2			
3	005CAL.S.d	S02	2018-10-09 14:15:50
4	006CAL.S.d	S03	2018-10-09 14:19:35
5	007CAL.S.d	S04	2018-10-09 14:23:20
6	008CAL.S.d	S05	2018-10-09 14:26:57
7	009CAL.S.d	S06	2018-10-09 14:30:28
8	010CAL.S.d	S07	2018-10-09 14:33:57
9	011CAL.S.d	S08	2018-10-09 14:37:21

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	211.12	0.0002	P	13.9
2	☐	0.100					
3	☐	1.000	0.965	1433.44	0.0014	P	4.6
4	☐	50.000	53.934	68070.12	0.0662	P	1.4
5	☐	125.000	131.648	168004.12	0.1614	P	0.6
6	☐	250.000	263.702	329690.25	0.3230	P	4.4
7	☐	500.000	502.426	624417.30	0.6152	P	2.3
8	☐	1000.000	994.334	1199161.06	1.2174	A	1.8
9	☐			822.27	0.0009	P	10.9

$$y = 0.0012 * x + 2.0690E-004$$

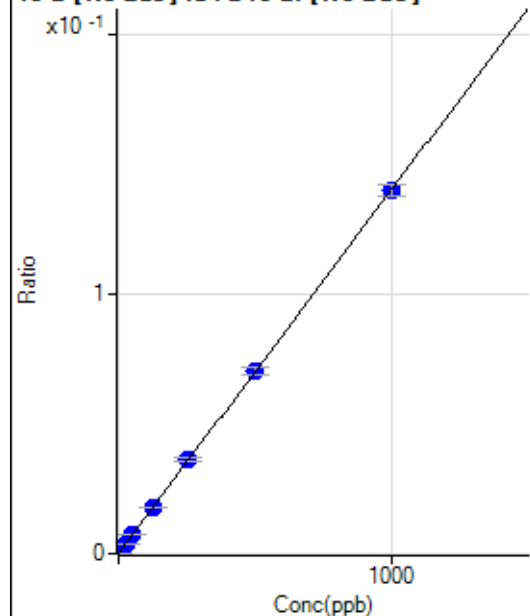
$$R = 0.9999$$

$$DL = 0.07033$$

$$BEC = 0.169$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0001	P	12.6
2	☐	2.500					
3	☐	25.000	24.239	3620.07	0.0035	P	1.0
4	☐	50.000	52.396	7655.13	0.0074	P	3.6
5	☐	125.000	126.636	18565.45	0.0178	P	3.2
6	☐	250.000	257.879	36954.08	0.0362	P	3.3
7	☐	500.000	501.623	71321.90	0.0703	P	4.4
8	☐	1000.000	996.913	137474.95	0.1396	P	3.3
9	☐			6143.23	0.0064	P	3.2

$$y = 1.3991E-004 * x + 1.1437E-004$$

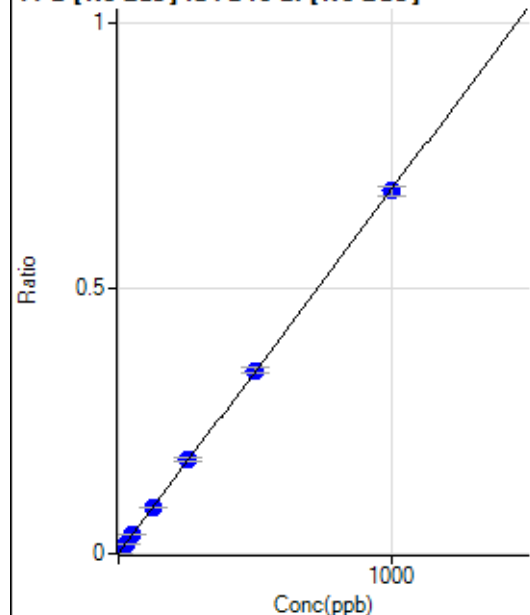
$$R = 1.0000$$

$$DL = 0.3078$$

$$BEC = 0.8174$$

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	511.14	0.0005	P	7.8
2	☐	2.500					
3	☐	25.000	24.663	17964.71	0.0174	P	2.7
4	☐	50.000	51.947	37087.70	0.0361	P	3.3
5	☐	125.000	126.841	90999.63	0.0874	P	1.1
6	☐	250.000	258.416	181303.90	0.1775	P	2.6
7	☐	500.000	502.712	349970.46	0.3449	P	3.7
8	☐	1000.000	996.221	672735.01	0.6830	P	2.6
9	☐			28582.14	0.0296	P	8.0

$$y = 6.8510E-004 * x + 5.0092E-004$$

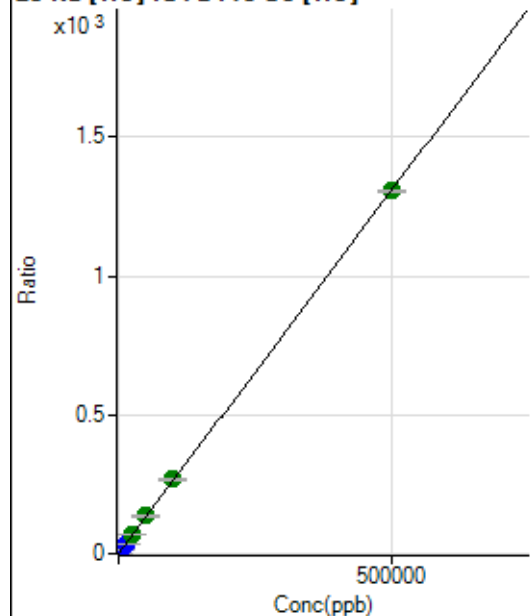
$$R = 1.0000$$

$$DL = 0.1721$$

$$BEC = 0.7312$$

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	9058.79	0.3390	P	5.8
2	☐	50.000					
3	☐	500.000	496.467	42996.85	1.6374	P	2.3
4	☐	5000.000	4962.385	350297.52	13.3167	P	1.0
5	☐	12500.000	12760.179	851396.25	33.7095	P	1.4
6	☐	25000.000	25922.410	1608962.47	68.1315	A	0.8
7	☐	50000.000	51906.304	2919620.72	136.0847	A	2.5
8	☐	100000.00	101825.73	5424585.62	266.6343	A	1.0
9	☐	500000.00	499391.97	29108550.30	1,306.352	A	0.6

$$y = 0.0026 * x + 0.3390$$

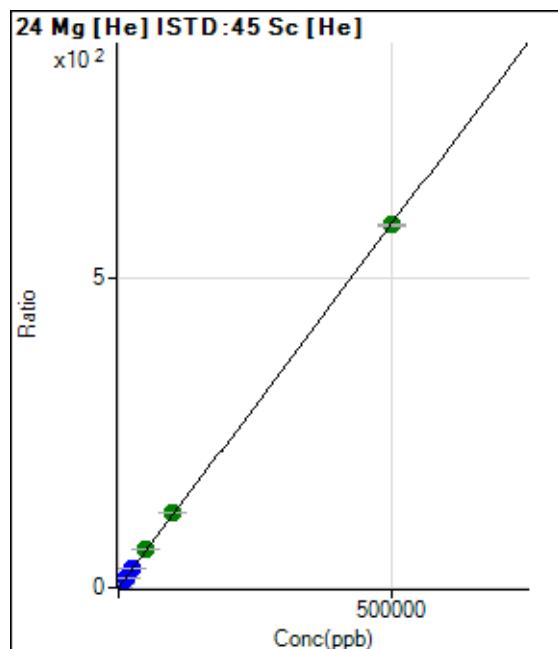
$$R = 1.0000$$

$$DL = 22.44$$

$$BEC = 129.6$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	358.35	0.0134	P	5.3
2	☐	50.000					
3	☐	500.000	498.216	15750.98	0.5997	P	1.3
4	☐	5000.000	5114.495	158664.00	6.0316	P	1.4
5	☐	12500.000	12902.567	383818.01	15.1959	P	1.1
6	☐	25000.000	25940.922	721159.34	30.5382	P	1.1
7	☐	50000.000	52831.173	1334012.51	62.1800	A	2.4
8	☐	100000.00	103813.48	2485522.04	122.1710	A	1.0
9	☐	500000.00	498895.93	13081265.74	587.0655	A	0.3

$$y = 0.0012 * x + 0.0134$$

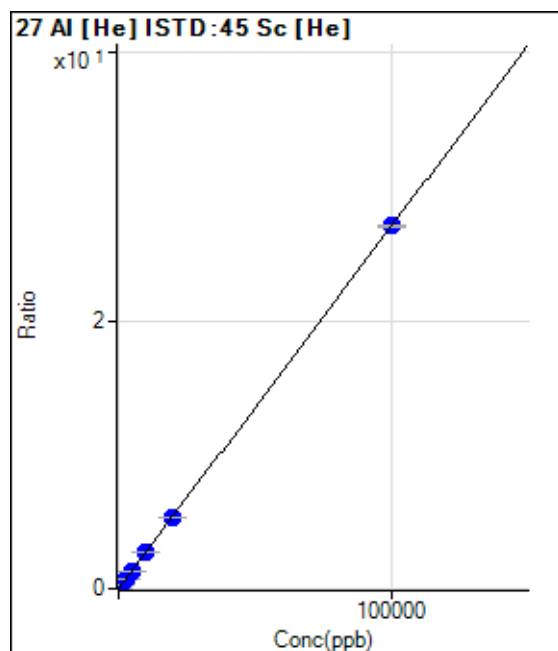
$$R = 1.0000$$

$$DL = 1.814$$

$$BEC = 11.4$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	23.34	0.0009	P	37.5
2	☐	2.000					
3	☐	20.000	19.781	163.38	0.0062	P	7.1
4	☐	1000.000	978.281	6983.53	0.2655	P	2.2
5	☐	2500.000	2481.918	16978.66	0.6722	P	2.1
6	☐	5000.000	4975.360	31804.27	1.3467	P	0.2
7	☐	10000.000	9987.441	57978.34	2.7024	P	2.5
8	☐	20000.000	19755.498	108733.89	5.3446	P	0.7
9	☐	100000.00	100052.05	603058.93	27.0642	P	0.3

$$y = 2.7049E-004 * x + 8.7349E-004$$

$$R = 1.0000$$

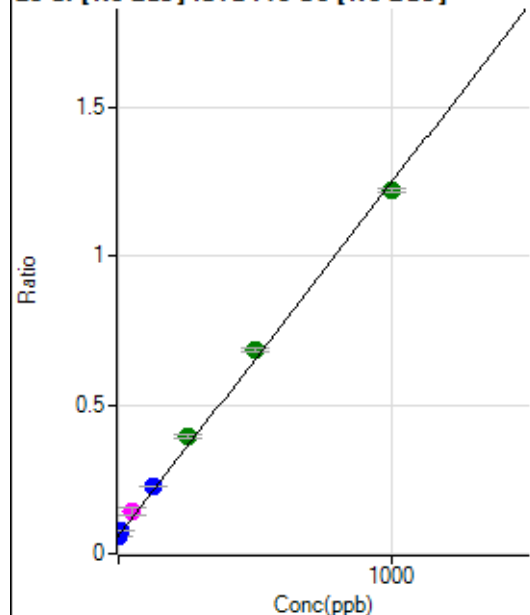
$$DL = 3.636$$

$$BEC = 3.229$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	207679.24	0.0604	P	1.1
2	☐	1.000					
3	☐	10.000	15.508	274193.20	0.0788	P	0.4
4	☐	50.000	69.911	491502.60	0.1433	M	16.9
5	☐	125.000	140.145	773328.25	0.2267	P	1.1
6	☐	250.000	281.807	1280382.93	0.3948	A	3.8
7	☐	500.000	525.600	2135333.18	0.6841	A	1.8
8	☐	1000.000	976.305	3656745.87	1.2190	A	1.1
9	☐			279563.68	0.0918	P	4.7

$$y = 0.0012 * x + 0.0604$$

$$R = 0.9990$$

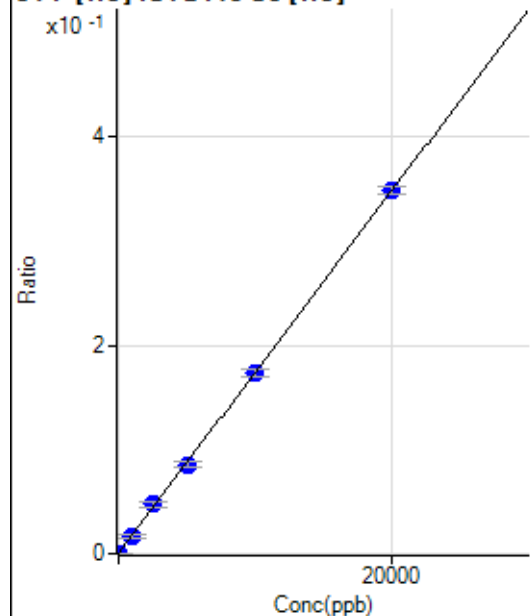
$$DL = 1.655$$

$$BEC = 50.86$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	2.767	8.33	0.0003	P	1.3
2	☐	0.000					
3	☐	0.000	-2.767	5.56	0.0002	P	173.
4	☐	1000.000	950.701	441.69	0.0168	P	13.7
5	☐	2500.000	2719.022	1200.11	0.0476	P	12.1
6	☐	5000.000	4900.418	2019.69	0.0855	P	6.0
7	☐	10000.000	9979.734	3728.44	0.1738	P	3.8
8	☐	20000.000	20010.116	7085.42	0.3483	P	2.3
9	☐			2.78	0.0001	P	173.

$$y = 1.7392E-005 * x + 2.6351E-004$$

$$R = 0.9999$$

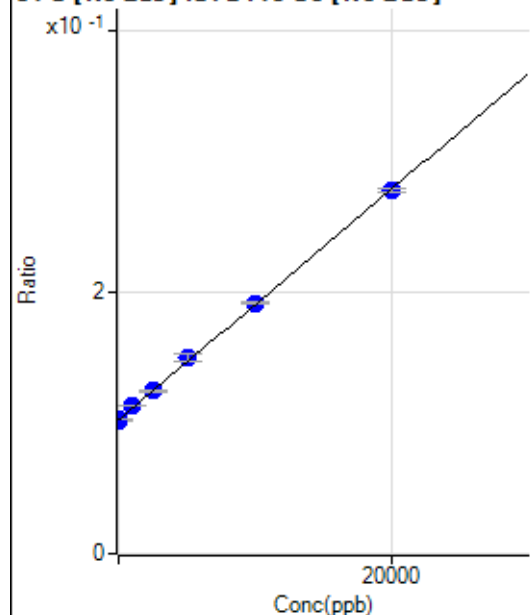
$$DL = 32.52$$

$$BEC = 15.15$$

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	-27.188	351129.04	0.1021	P	1.5
2	☐	0.000					
3	☐	0.000	27.188	356935.46	0.1025	P	0.7
4	☐	1000.000	1167.349	386412.14	0.1126	P	0.2
5	☐	2500.000	2490.159	423968.49	0.1243	P	0.7
6	☐	5000.000	5416.695	486766.24	0.1501	P	3.7
7	☐	10000.000	10119.137	598005.70	0.1916	P	0.9
8	☐	20000.000	19829.120	831664.14	0.2772	P	0.9
9	☐			300134.44	0.0985	P	0.8

$$y = 8.8223\text{E-}006 * x + 0.1023$$

$$R = 0.9997$$

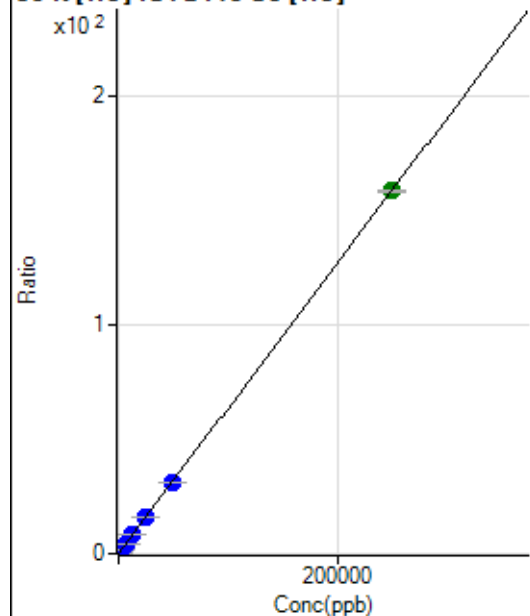
$$DL = 385.3$$

$$BEC = 1.16\text{E}+04$$

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	2561.47	0.0958	P	3.5
2	☐	50.000					
3	☐	500.000	501.336	10835.17	0.4127	P	5.3
4	☐	2500.000	2563.536	45148.43	1.7163	P	2.0
5	☐	6250.000	6403.935	104664.30	4.1438	P	1.5
6	☐	12500.000	12620.256	190651.30	8.0733	P	1.0
7	☐	25000.000	24890.098	339576.65	15.8292	P	2.8
8	☐	50000.000	48898.828	630791.37	31.0054	P	1.0
9	☐	250000.00	250220.72	3526547.91	158.2636	A	0.8

$$y = 6.3211\text{E-}004 * x + 0.0958$$

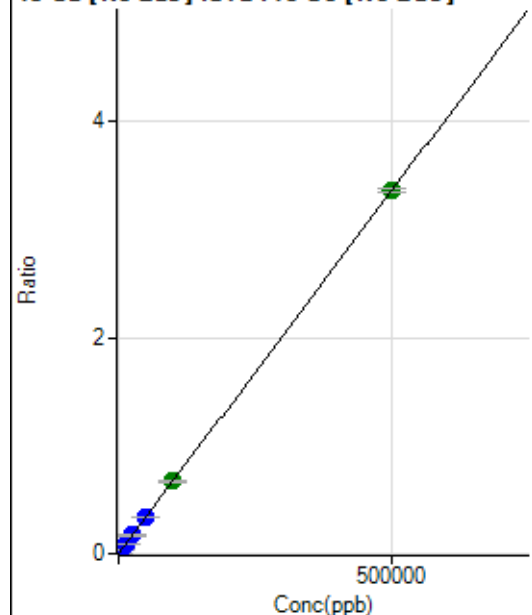
$$R = 1.0000$$

$$DL = 15.8$$

$$BEC = 151.6$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.36	0.0001	P	4.3
2	☐	50.000					
3	☐	500.000	465.243	11293.97	0.0032	P	1.3
4	☐	5000.000	4998.702	115651.34	0.0337	P	1.1
5	☐	12500.000	12435.175	285424.91	0.0837	P	0.7
6	☐	25000.000	25605.470	558274.37	0.1721	P	3.9
7	☐	50000.000	50012.781	1049133.56	0.3361	P	1.5
8	☐	100000.00	99653.137	2008728.41	0.6696	A	0.9
9	☐	500000.00	500039.48	10231693.20	3.3595	A	0.9

$$y = 6.7183\text{E-}006 * x + 1.1870\text{E-}004$$

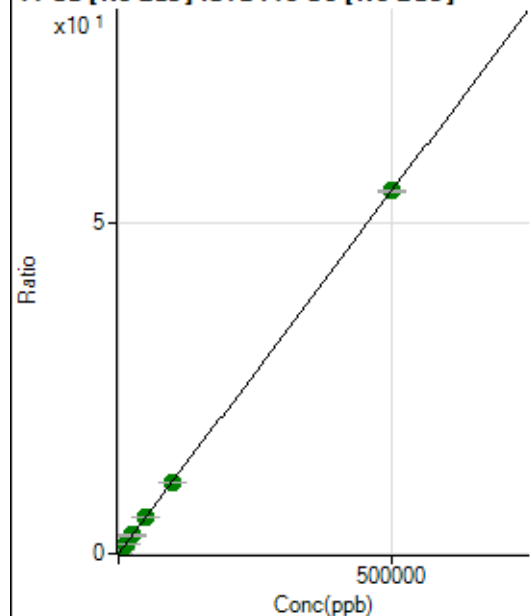
$$R = 1.0000$$

$$DL = 2.303$$

$$BEC = 17.67$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11838.89	0.0034	P	2.2
2	☐	50.000					
3	☐	500.000	472.434	192091.82	0.0552	P	0.8
4	☐	5000.000	5081.348	1921614.95	0.5600	A	0.6
5	☐	12500.000	12368.098	4632990.51	1.3580	A	1.0
6	☐	25000.000	25371.711	9022834.58	2.7822	A	3.9
7	☐	50000.000	49655.463	16986285.45	5.4418	A	1.3
8	☐	100000.00	97730.936	32119397.25	10.7070	A	0.9
9	☐	500000.00	500472.19	166947624.5	54.8156	A	0.8

$$y = 1.0952\text{E-}004 * x + 0.0034$$

$$R = 1.0000$$

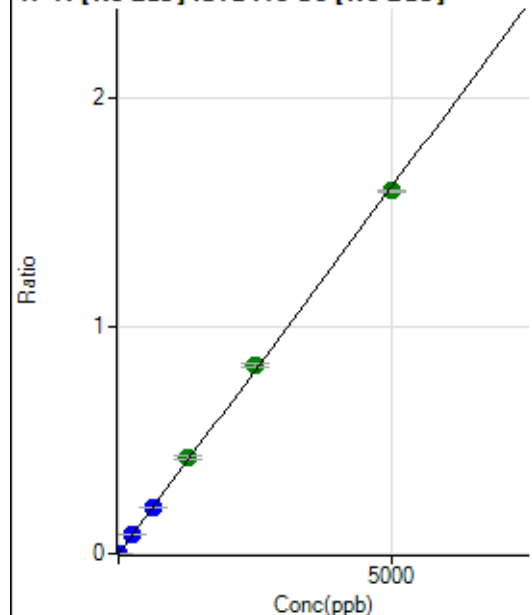
$$DL = 2.074$$

$$BEC = 31.41$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	86.12	0.0000	P	15.5
2	☐	0.500					
3	☐	5.000	4.790	5459.64	0.0016	P	3.4
4	☐	250.000	254.158	281076.38	0.0819	P	0.6
5	☐	625.000	627.908	690210.88	0.2023	P	0.9
6	☐	1250.000	1320.977	1380063.83	0.4256	A	4.4
7	☐	2500.000	2569.406	2583672.82	0.8278	A	2.2
8	☐	5000.000	4946.982	4781087.61	1.5938	A	0.7
9	☐			1722.41	0.0006	P	10.2

$$y = 3.2216\text{E-}004 * x + 2.5048\text{E-}005$$

$$R = 0.9997$$

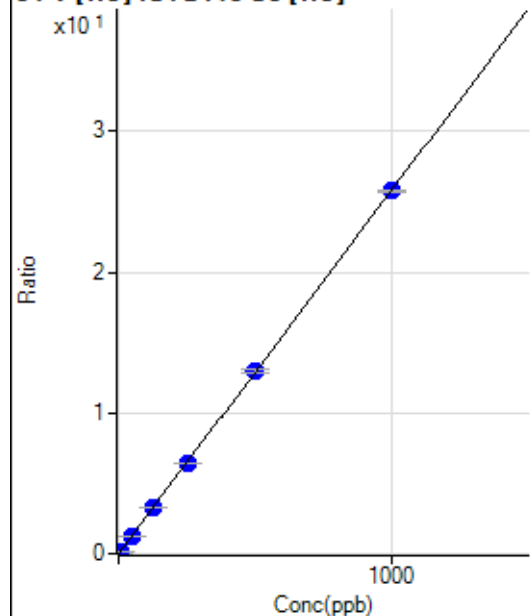
$$DL = 0.03623$$

$$BEC = 0.07775$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	35.56	0.0013	P	14.7
2	☐	0.500					
3	☐	5.000	4.976	3407.14	0.1298	P	4.8
4	☐	50.000	48.449	32934.39	1.2520	P	1.4
5	☐	125.000	126.033	82201.71	3.2548	P	1.9
6	☐	250.000	249.631	152213.80	6.4455	P	0.6
7	☐	500.000	502.592	278362.07	12.9755	P	2.8
8	☐	1000.000	998.745	524557.81	25.7835	P	0.6
9	☐			320.01	0.0144	P	11.2

$$y = 0.0258 * x + 0.0013$$

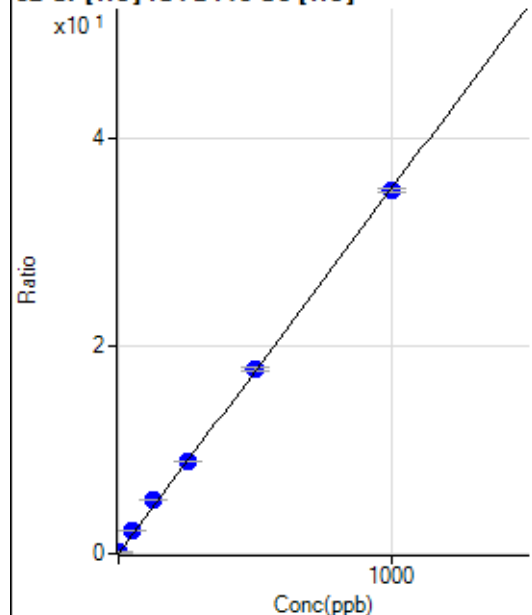
$$R = 1.0000$$

$$DL = 0.0228$$

$$BEC = 0.05155$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	463.35	0.0173	P	13.8
2	☐	0.200					
3	☐	2.000	2.172	2456.93	0.0936	P	4.6
4	☐	50.000	64.115	59637.48	2.2671	P	0.4
5	☐	125.000	147.018	130723.54	5.1762	P	2.3
6	☐	250.000	252.701	209805.43	8.8845	P	1.1
7	☐	500.000	504.488	380135.76	17.7196	P	2.7
8	☐	1000.000	993.622	709682.68	34.8831	P	1.0
9	☐			42124.51	1.8905	P	0.8

$$y = 0.0351 * x + 0.0173$$

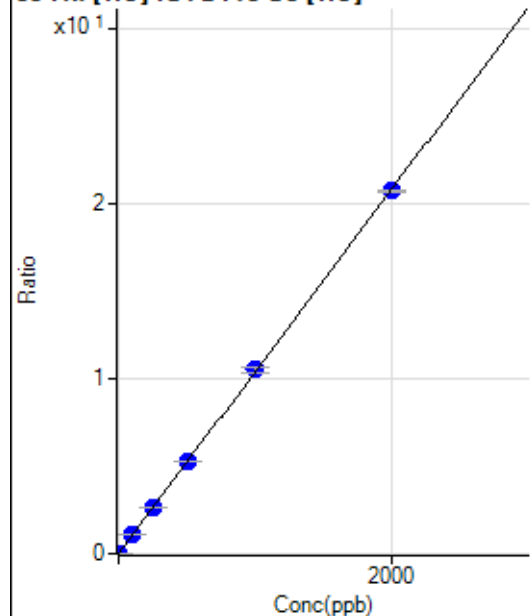
$$R = 0.9997$$

$$DL = 0.2053$$

$$BEC = 0.4943$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.33	0.0020	P	1.3
2	☐	0.100					
3	☐	1.000	0.974	317.79	0.0121	P	11.7
4	☐	100.000	101.287	27716.68	1.0537	P	1.7
5	☐	250.000	253.765	66595.55	2.6369	P	2.0
6	☐	500.000	507.894	124582.34	5.2756	P	1.1
7	☐	1000.000	1009.111	224834.82	10.4799	P	2.3
8	☐	2000.000	1992.936	421038.00	20.6952	P	0.5
9	☐			3660.55	0.1643	P	5.3

$$y = 0.0104 * x + 0.0020$$

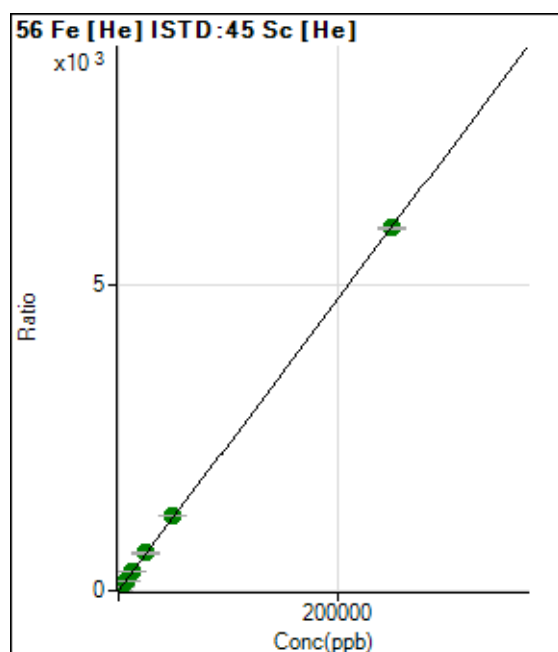
$$R = 1.0000$$

$$DL = 0.007326$$

$$BEC = 0.1921$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1300.10	0.0486	P	5.8
2	☐	5.000					
3	☐	50.000	51.452	33370.04	1.2706	P	2.6
4	☐	2500.000	2635.705	1647967.17	62.6490	A	1.4
5	☐	6250.000	6568.401	3941343.72	156.0541	A	1.6
6	☐	12500.000	12911.733	7243442.99	306.7140	A	0.9
7	☐	25000.000	25954.973	13226557.24	616.5027	A	2.4
8	☐	50000.000	51113.677	24699368.38	1,214.044	A	0.6
9	☐	250000.00	249651.86	132123385.3	5,929.506	A	0.6

$$y = 0.0238 * x + 0.0486$$

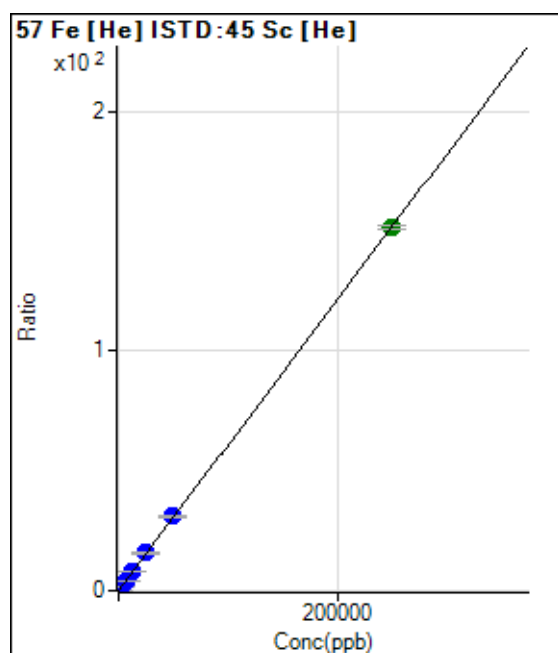
$$R = 1.0000$$

$$DL = 0.3544$$

$$BEC = 2.047$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	29.63	0.0011	P	12.1
2	☐	5.000					
3	☐	50.000	51.422	846.35	0.0323	P	12.8
4	☐	2500.000	2559.515	40815.80	1.5516	P	1.2
5	☐	6250.000	6553.827	100291.92	3.9714	P	2.6
6	☐	12500.000	12822.717	183478.19	7.7690	P	0.4
7	☐	25000.000	25872.633	336278.76	15.6745	P	2.5
8	☐	50000.000	51069.413	629431.88	30.9385	P	0.9
9	☐	250000.00	249674.52	3370227.53	151.2516	A	0.9

$$y = 6.0579E-004 * x + 0.0011$$

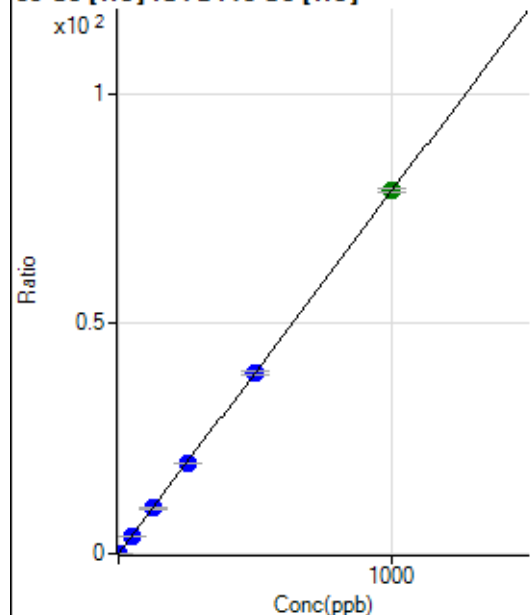
$$R = 1.0000$$

$$DL = 0.6664$$

$$BEC = 1.831$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	204.45	0.0076	P	7.3
2	☐	0.100					
3	☐	1.000	0.948	2162.43	0.0824	P	7.9
4	☐	50.000	48.984	101739.83	3.8676	P	0.4
5	☐	125.000	124.840	248660.00	9.8449	P	1.1
6	☐	250.000	248.385	462401.44	19.5802	P	0.7
7	☐	500.000	498.587	843079.39	39.2958	P	2.2
8	☐	1000.000	1001.181	1605184.59	78.8998	A	0.9
9	☐			21551.32	0.9672	P	0.8

$$y = 0.0788 * x + 0.0076$$

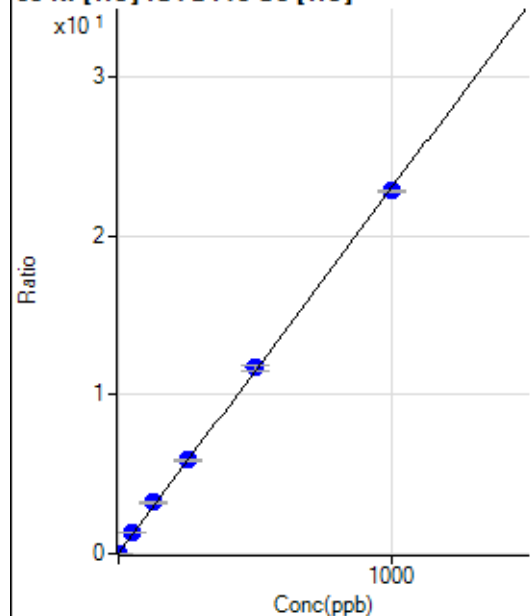
$$R = 1.0000$$

$$DL = 0.02133$$

$$BEC = 0.09703$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	402.24	0.0150	P	2.3
2	☐	0.100					
3	☐	1.000	1.034	1018.94	0.0388	P	7.1
4	☐	50.000	58.684	35884.09	1.3641	P	1.0
5	☐	125.000	139.710	81502.17	3.2269	P	1.6
6	☐	250.000	255.334	138974.99	5.8850	P	1.1
7	☐	500.000	508.018	250856.07	11.6941	P	3.1
8	☐	1000.000	992.384	464459.26	22.8293	P	0.2
9	☐			21766.13	0.9768	P	0.4

$$y = 0.0230 * x + 0.0150$$

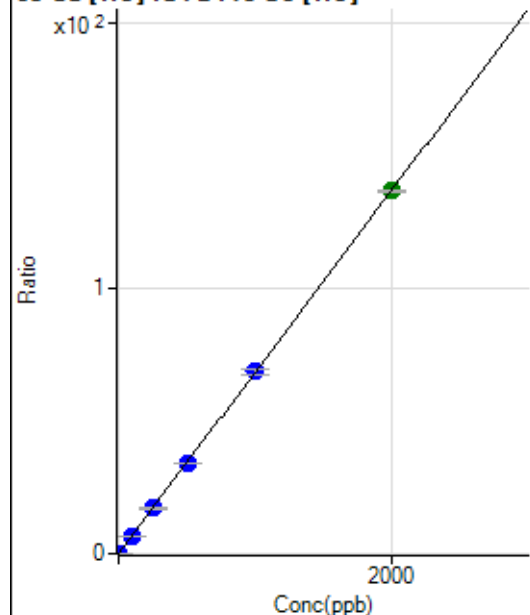
$$R = 0.9998$$

$$DL = 0.04595$$

$$BEC = 0.6545$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	402.24	0.0151	P	6.5
2	☐	0.200					
3	☐	2.000	1.931	3866.17	0.1472	P	3.6
4	☐	100.000	98.297	177359.35	6.7424	P	0.9
5	☐	250.000	249.180	431104.79	17.0685	P	1.3
6	☐	500.000	499.026	806881.86	34.1676	P	0.9
7	☐	1000.000	1003.659	1473848.10	68.7038	P	2.9
8	☐	2000.000	1998.601	2783079.51	136.7959	A	0.7
9	☐			7388.75	0.3316	P	2.5

$$y = 0.0684 * x + 0.0151$$

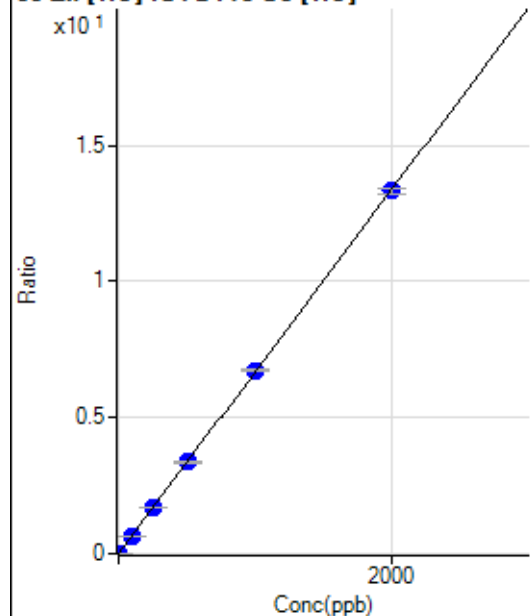
$$R = 1.0000$$

$$DL = 0.04269$$

$$BEC = 0.2199$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	71.11	0.0027	P	15.2
2	☐	0.200					
3	☐	2.000	2.144	445.57	0.0170	P	11.6
4	☐	100.000	98.243	17332.16	0.6589	P	1.2
5	☐	250.000	253.442	42829.45	1.6956	P	1.5
6	☐	500.000	503.153	79427.90	3.3636	P	1.7
7	☐	1000.000	1008.738	144628.96	6.7407	P	1.9
8	☐	2000.000	1994.500	271095.86	13.3252	P	1.4
9	☐			2261.34	0.1015	P	1.0

$$y = 0.0067 * x + 0.0027$$

$$R = 1.0000$$

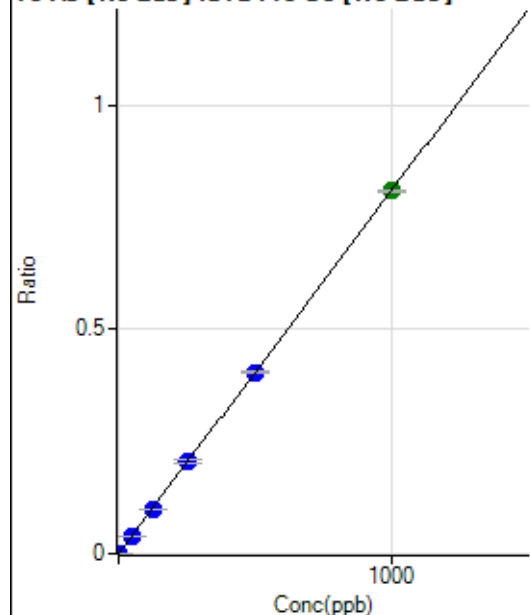
$$DL = 0.1813$$

$$BEC = 0.3986$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0001	P	14.5
2	☐	0.100					
3	☐	1.000	0.943	2894.87	0.0008	P	7.0
4	☐	50.000	48.857	135824.13	0.0396	P	0.8
5	☐	125.000	122.297	337645.67	0.0990	P	0.9
6	☐	250.000	254.505	667830.96	0.2059	P	3.1
7	☐	500.000	499.655	1261442.93	0.4041	P	1.5
8	☐	1000.000	999.441	2424861.93	0.8083	A	0.5
9	☐			4053.56	0.0013	P	7.1

$$y = 8.0869\text{E-}004 * x + 6.9434\text{E-}005$$

$$R = 1.0000$$

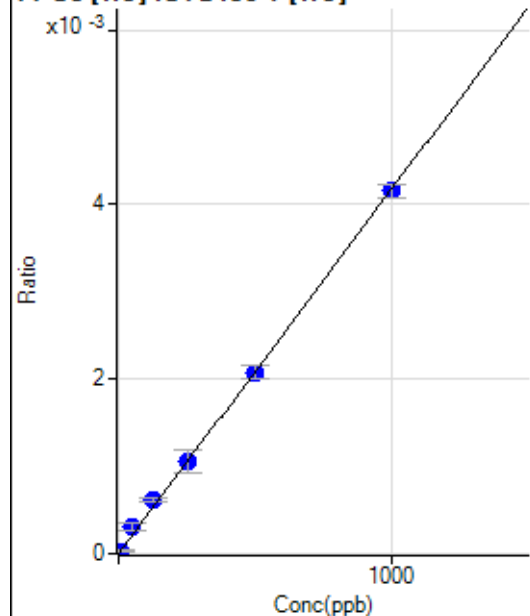
$$DL = 0.0373$$

$$BEC = 0.08586$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.688	5.55	0.0000	P	69.7
4	☐	50.000	73.643	60.00	0.0003	P	33.8
5	☐	125.000	146.951	118.89	0.0006	P	5.9
6	☐	250.000	255.023	195.56	0.0011	P	24.1
7	☐	500.000	498.233	354.46	0.0021	P	6.8
8	☐	1000.000	995.693	675.58	0.0042	P	3.6
9	☐			1.11	0.0000	P	173.

$$y = 4.1748\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9996$$

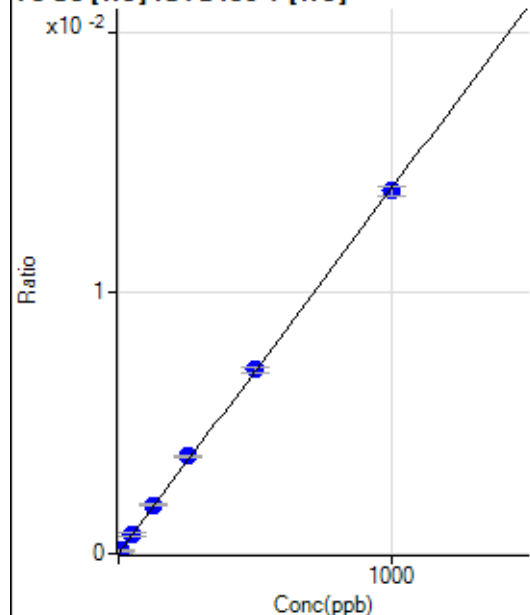
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	7.744	22.84	0.0001	P	9.4
4	☐	50.000	51.061	140.75	0.0007	P	16.6
5	☐	125.000	132.850	361.74	0.0019	P	1.7
6	☐	250.000	265.983	684.59	0.0037	P	3.4
7	☐	500.000	503.016	1201.30	0.0070	P	3.4
8	☐	1000.000	993.448	2261.93	0.0139	P	2.5
9	☐			3.70	0.0000	P	49.2

$$y = 1.4002\text{E-}005 * x + 6.2001\text{E-}006$$

$$R = 0.9998$$

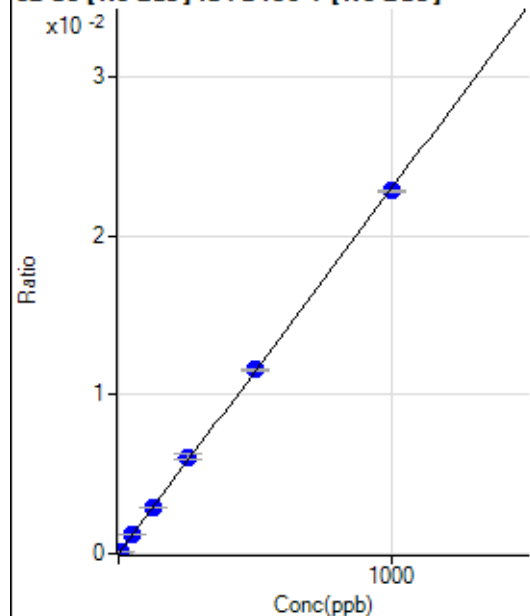
$$DL = 1.15$$

$$BEC = 0.4428$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	7.24	0.0000	P	498.
2	☐	0.500					
3	☐	5.000	4.665	666.58	0.0001	P	9.1
4	☐	50.000	51.192	7288.79	0.0012	P	2.3
5	☐	125.000	127.275	17925.41	0.0029	P	1.2
6	☐	250.000	265.435	36287.16	0.0061	P	4.8
7	☐	500.000	504.706	68697.70	0.0116	P	1.0
8	☐	1000.000	993.446	131180.16	0.0228	P	0.6
9	☐			141.36	0.0000	P	43.4

$$y = 2.2989\text{E-}005 * x + 1.1501\text{E-}006$$

$$R = 0.9998$$

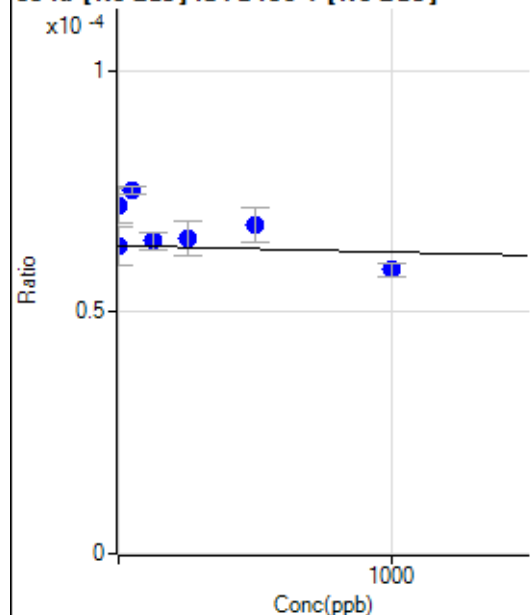
$$DL = 0.7476$$

$$BEC = 0.05003$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	391.12	0.0001	P	12.7
2	☐	0.100					
3	☐	1.000	-6208.186	443.35	0.0001	P	10.0
4	☐	50.000	-8443.340	464.46	0.0001	P	2.1
5	☐	125.000	-768.947	396.68	0.0001	P	5.5
6	☐	250.000	-1172.125	387.79	0.0001	P	11.1
7	☐	500.000	-3082.036	402.23	0.0001	P	10.6
8	☐	1000.000	3689.169	337.79	0.0001	P	4.7
9	☐			361.12	0.0001	P	16.0

$$y = -1.3402\text{E-}009 * x + 6.3754\text{E-}005$$

$$R = -0.6454$$

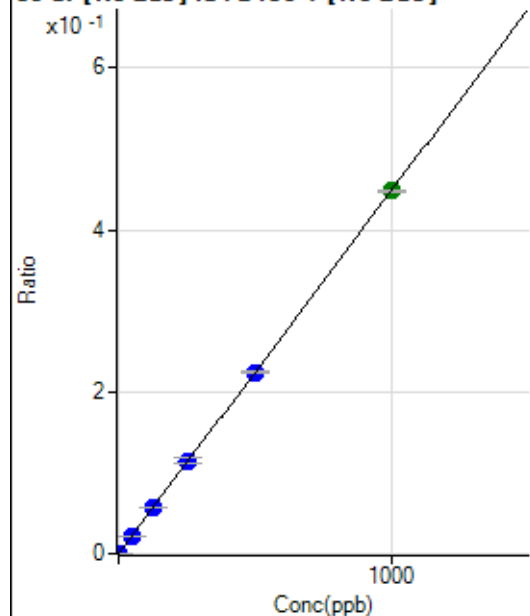
$$DL = -1.814\text{E+}04$$

$$BEC = -4.757\text{E+}04$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	602.82	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	1.037	3461.73	0.0006	P	1.7
4	☐	50.000	49.701	138462.40	0.0224	P	0.4
5	☐	125.000	124.753	343068.44	0.0560	P	0.1
6	☐	250.000	256.640	684692.33	0.1151	P	4.3
7	☐	500.000	498.647	1323894.28	0.2236	P	1.4
8	☐	1000.000	999.062	2572858.04	0.4480	A	0.6
9	☐			12862.17	0.0022	P	5.2

$$y = 4.4828\text{E-}004 * x + 9.8147\text{E-}005$$

$$R = 1.0000$$

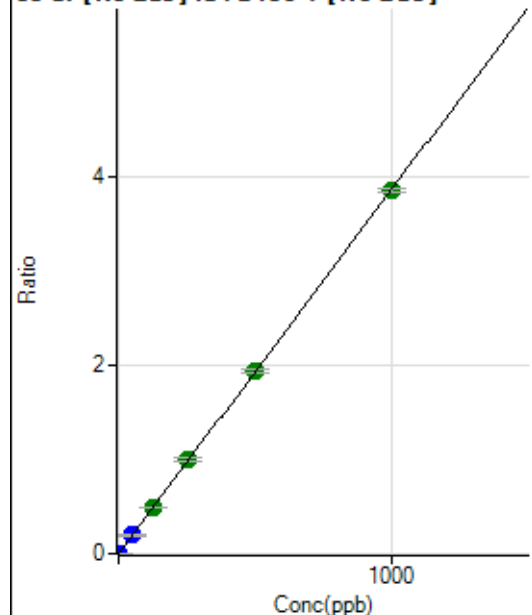
$$DL = 0.03137$$

$$BEC = 0.2189$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	122.23	0.0000	P	36.6
2	☐	0.100					
3	☐	1.000	1.001	23877.26	0.0039	P	1.7
4	☐	50.000	50.268	1199525.56	0.1939	P	0.7
5	☐	125.000	127.711	3016102.20	0.4925	A	0.2
6	☐	250.000	259.081	5941564.37	0.9991	A	4.1
7	☐	500.000	501.652	11452834.28	1.9346	A	1.4
8	☐	1000.000	996.551	22072592.34	3.8431	A	0.9
9	☐			106472.21	0.0185	P	1.6

$$y = 0.0039 * x + 1.9852E-005$$

$$R = 1.0000$$

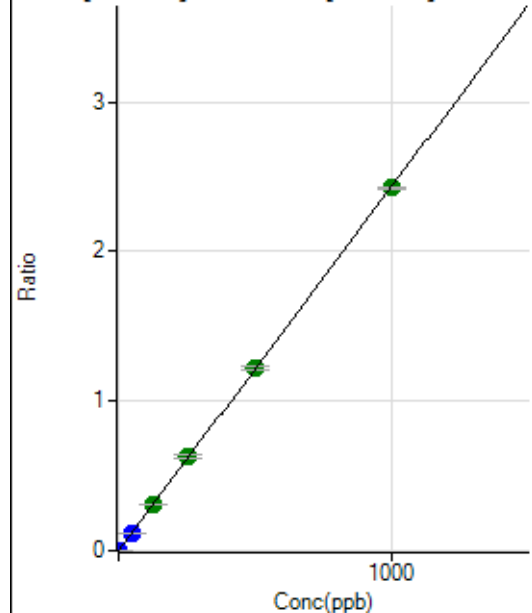
$$DL = 0.005658$$

$$BEC = 0.005148$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	563.93	0.0001	P	24.0
2	☐	0.100					
3	☐	1.000	0.898	14005.02	0.0023	P	2.7
4	☐	50.000	49.455	744847.14	0.1204	P	0.9
5	☐	125.000	127.091	1893636.94	0.3092	A	0.3
6	☐	250.000	259.812	3758597.78	0.6321	A	4.2
7	☐	500.000	500.637	7209516.65	1.2178	A	1.6
8	☐	1000.000	996.994	13928957.78	2.4252	A	0.8
9	☐			5804.30	0.0010	P	10.6

$$y = 0.0024 * x + 9.1710E-005$$

$$R = 0.9999$$

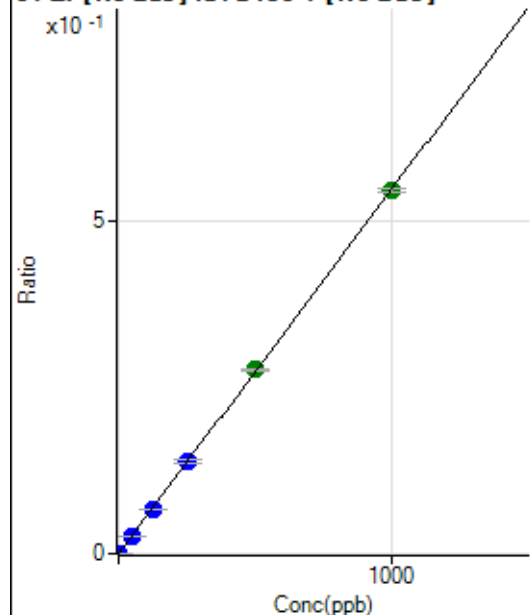
$$DL = 0.02713$$

$$BEC = 0.0377$$

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	133.34	0.0000	P	5.2
2	☐	0.100					
3	☐	1.000	0.927	3253.33	0.0005	P	4.4
4	☐	50.000	48.698	165027.42	0.0267	P	1.4
5	☐	125.000	123.711	414731.22	0.0677	P	0.5
6	☐	250.000	255.030	830038.23	0.1396	P	4.4
7	☐	500.000	505.529	1638013.25	0.2767	A	1.2
8	☐	1000.000	996.204	3131430.75	0.5452	A	1.0
9	☐			1211.22	0.0002	P	20.2

$$y = 5.4727\text{E-}004 * x + 2.1707\text{E-}005$$

$$R = 1.0000$$

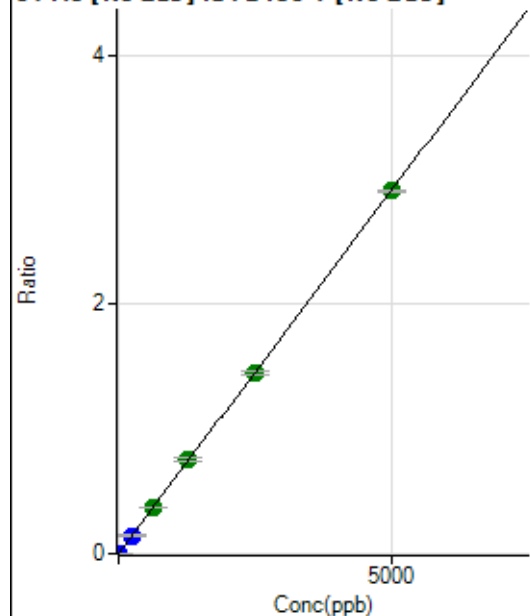
$$DL = 0.006165$$

$$BEC = 0.03966$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	408.36	0.0001	P	5.6
2	☐	0.500					
3	☐	5.000	4.699	17275.54	0.0028	P	2.8
4	☐	250.000	250.464	904585.35	0.1462	P	0.8
5	☐	625.000	641.234	2291516.61	0.3742	A	0.6
6	☐	1250.000	1300.608	4513189.03	0.7589	A	4.0
7	☐	2500.000	2484.450	8582345.76	1.4496	A	1.4
8	☐	5000.000	4993.071	16732807.14	2.9133	A	0.6
9	☐			24709.41	0.0043	P	2.9

$$y = 5.8346\text{E-}004 * x + 6.6510\text{E-}005$$

$$R = 0.9999$$

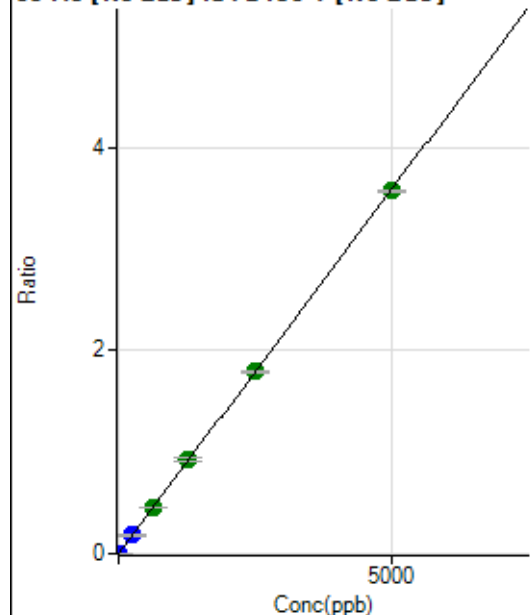
$$DL = 0.01904$$

$$BEC = 0.114$$

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	277.79	0.0000	P	14.6
2	☐	0.500					
3	☐	5.000	4.788	21417.73	0.0035	P	2.9
4	☐	250.000	251.363	1116554.53	0.1805	P	0.9
5	☐	625.000	637.518	2802407.75	0.4576	A	0.3
6	☐	1250.000	1301.508	5555722.52	0.9342	A	3.9
7	☐	2500.000	2505.612	10647013.70	1.7985	A	1.3
8	☐	5000.000	4982.684	20541060.70	3.5764	A	0.7
9	☐			39631.15	0.0069	P	1.7

$$y = 7.1775\text{E-}004 * x + 4.5236\text{E-}005$$

$$R = 0.9999$$

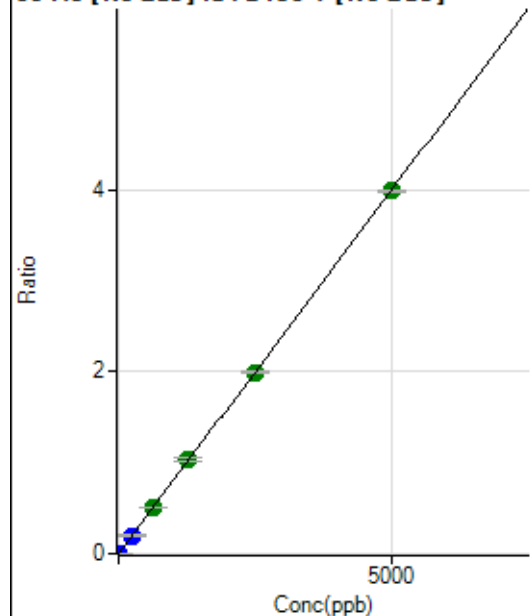
$$DL = 0.02766$$

$$BEC = 0.06302$$

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	341.69	0.0001	P	17.4
2	☐	0.500					
3	☐	5.000	4.794	23885.91	0.0039	P	3.0
4	☐	250.000	250.862	1239645.96	0.2004	P	0.4
5	☐	625.000	632.758	3094174.22	0.5053	A	0.5
6	☐	1250.000	1290.277	6125865.63	1.0303	A	4.6
7	☐	2500.000	2497.300	11804726.91	1.9940	A	1.2
8	☐	5000.000	4990.268	22885455.37	3.9845	A	0.3
9	☐			45170.44	0.0079	P	0.5

$$y = 7.9844\text{E-}004 * x + 5.5578\text{E-}005$$

$$R = 1.0000$$

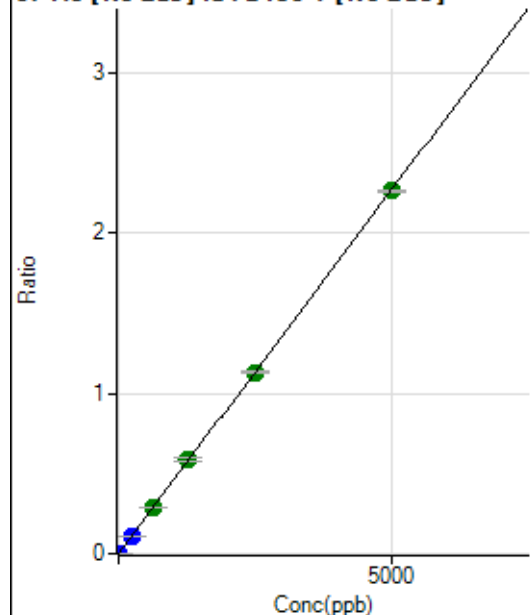
$$DL = 0.03632$$

$$BEC = 0.06961$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	238.90	0.0000	P	17.7
2	☐	0.500					
3	☐	5.000	5.107	14472.22	0.0024	P	1.7
4	☐	250.000	248.683	697441.07	0.1127	P	1.1
5	☐	625.000	634.390	1760553.23	0.2875	A	1.0
6	☐	1250.000	1301.000	3505465.75	0.5896	A	4.6
7	☐	2500.000	2497.389	6699635.22	1.1317	A	1.6
8	☐	5000.000	4987.448	12980215.05	2.2600	A	0.7
9	☐			24523.12	0.0043	P	3.7

$$y = 4.5313\text{E-}004 * x + 3.8957\text{E-}005$$

$$R = 0.9999$$

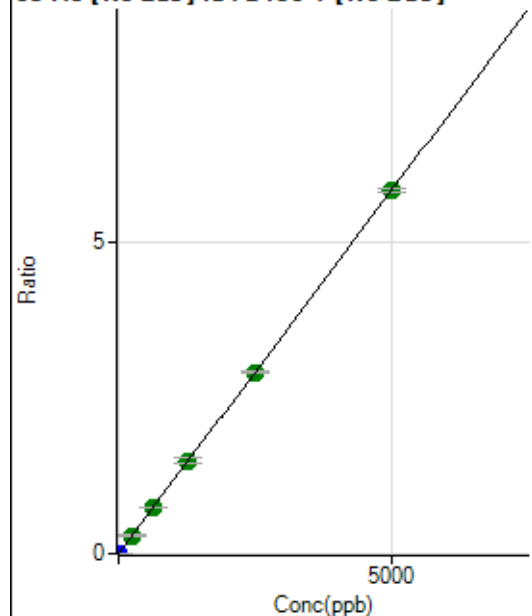
$$DL = 0.04557$$

$$BEC = 0.08597$$

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	525.04	0.0001	P	18.2
2	☐	0.500					
3	☐	5.000	4.784	34929.32	0.0057	P	2.1
4	☐	250.000	251.213	1817815.71	0.2938	A	0.5
5	☐	625.000	627.075	4490083.30	0.7332	A	1.2
6	☐	1250.000	1282.410	8915617.48	1.4994	A	4.5
7	☐	2500.000	2496.170	17278100.56	2.9185	A	1.1
8	☐	5000.000	4993.493	33531604.22	5.8383	A	1.1
9	☐			63546.91	0.0111	P	5.6

$$y = 0.0012 * x + 8.5604\text{E-}005$$

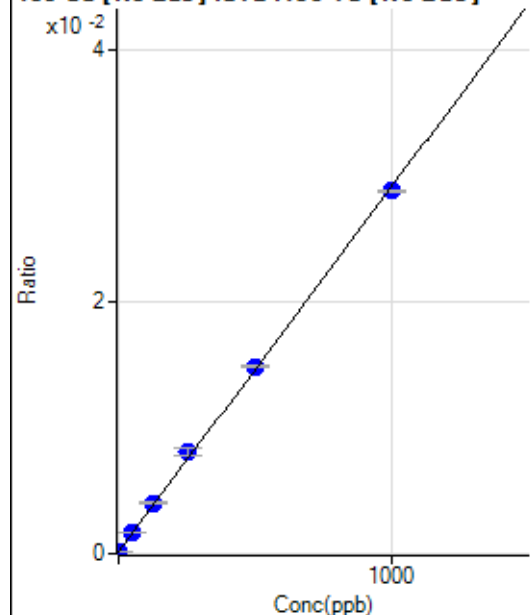
$$R = 1.0000$$

$$DL = 0.04003$$

$$BEC = 0.07322$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1239.01	0.0002	P	6.7
2	☐	0.100					
3	☐	1.000	1.602	1627.96	0.0002	P	8.5
4	☐	50.000	53.732	13724.26	0.0017	P	2.9
5	☐	125.000	133.192	32526.26	0.0040	P	1.6
6	☐	250.000	273.837	64351.63	0.0081	P	5.8
7	☐	500.000	507.503	122597.36	0.0149	P	1.0
8	☐	1000.000	989.078	237862.86	0.0288	P	0.7
9	☐			1314.02	0.0002	P	10.9

$$y = 2.9006E-005 * x + 1.5783E-004$$

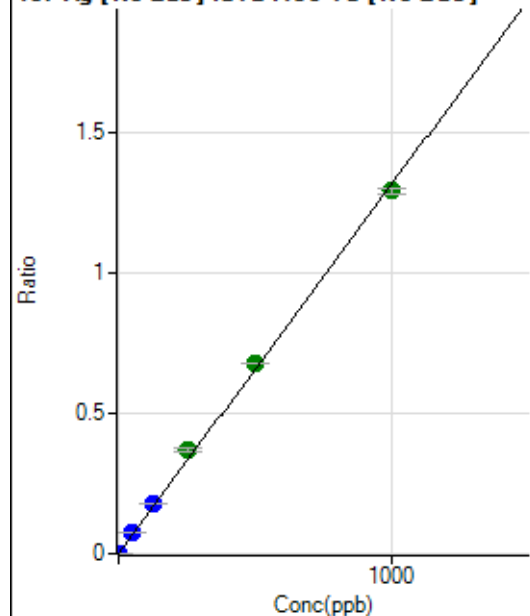
$$R = 0.9996$$

$$DL = 1.1$$

$$BEC = 5.441$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	29.4
2	☐	0.100					
3	☐	1.000	1.097	11558.22	0.0015	P	3.6
4	☐	50.000	55.071	579519.37	0.0725	P	0.2
5	☐	125.000	136.389	1451705.87	0.1795	P	0.8
6	☐	250.000	280.293	2930921.55	0.3688	A	4.5
7	☐	500.000	515.800	5592560.72	0.6787	A	0.2
8	☐	1000.000	982.849	10662878.10	1.2932	A	1.6
9	☐			1597.39	0.0002	P	5.1

$$y = 0.0013 * x + 7.4442E-006$$

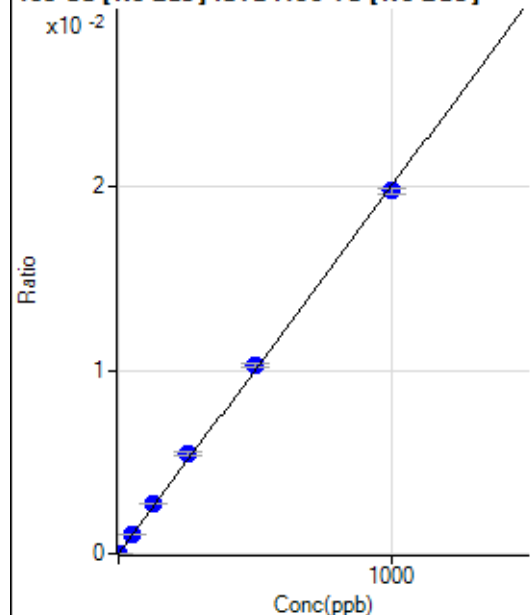
$$R = 0.9993$$

$$DL = 0.004991$$

$$BEC = 0.005658$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	1.302	227.78	0.0000	P	2.8
4	☐	50.000	53.418	8583.48	0.0011	P	1.0
5	☐	125.000	136.038	22080.94	0.0027	P	3.4
6	☐	250.000	270.759	43170.51	0.0054	P	3.4
7	☐	500.000	512.732	84720.98	0.0103	P	1.5
8	☐	1000.000	986.893	163152.16	0.0198	P	1.6
9	☐			62.50	0.0000	P	20.8

$$y = 2.0048E-005 * x + 2.4756E-006$$

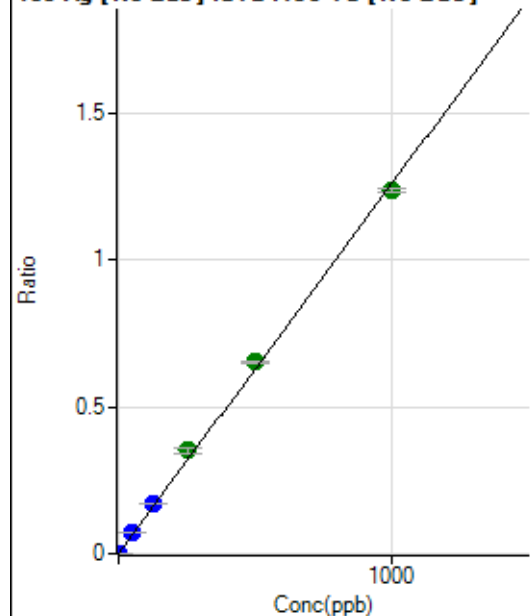
$$R = 0.9996$$

$$DL = 0.08957$$

$$BEC = 0.1235$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	42.9
2	☐	0.100					
3	☐	1.000	1.078	10835.41	0.0014	P	2.0
4	☐	50.000	55.203	555163.55	0.0694	P	0.5
5	☐	125.000	135.713	1380565.72	0.1707	P	0.4
6	☐	250.000	279.408	2792173.70	0.3514	A	4.7
7	☐	500.000	518.528	5373212.58	0.6521	A	0.7
8	☐	1000.000	981.785	10180378.53	1.2347	A	1.0
9	☐			1525.17	0.0002	P	18.7

$$y = 0.0013 * x + 4.2421E-006$$

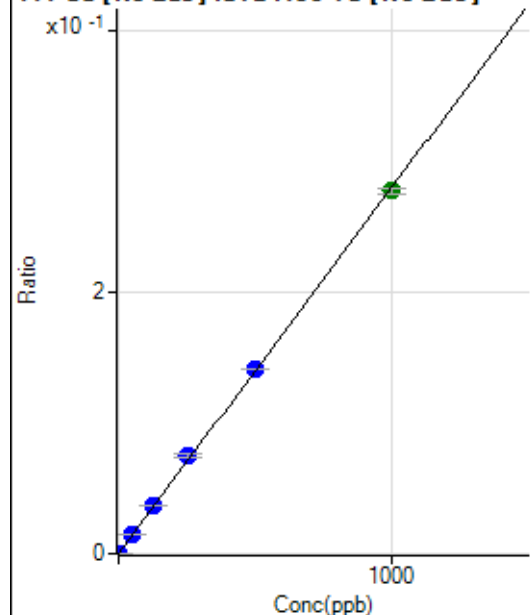
$$R = 0.9992$$

$$DL = 0.004337$$

$$BEC = 0.003373$$

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	214.09	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	1.067	2592.49	0.0003	P	9.1
4	☐	50.000	53.315	119370.16	0.0149	P	1.0
5	☐	125.000	131.610	297757.69	0.0368	P	0.4
6	☐	250.000	269.252	598187.64	0.0753	P	4.7
7	☐	500.000	504.746	1162618.44	0.1411	P	0.8
8	☐	1000.000	991.822	2285745.23	0.2772	A	1.5
9	☐			611.66	0.0001	P	4.7

$$y = 2.7948\text{E-}004 * x + 2.7260\text{E-}005$$

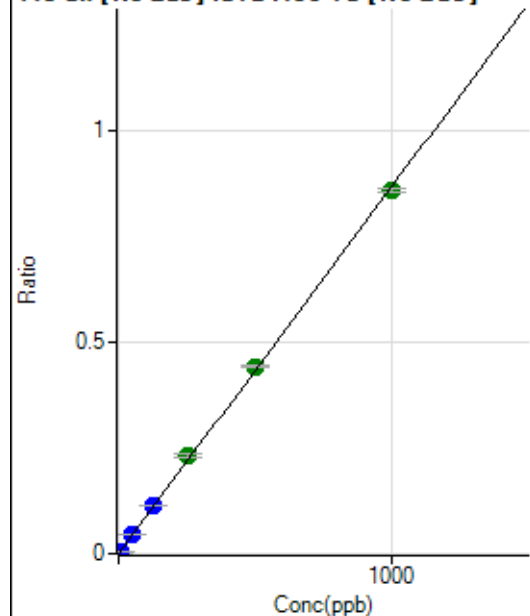
$$R = 0.9998$$

$$DL = 0.04223$$

$$BEC = 0.09754$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	544.48	0.0001	P	4.9
2	☐	0.500					
3	☐	5.000	5.110	35835.09	0.0045	P	0.9
4	☐	50.000	52.234	362478.10	0.0453	P	0.3
5	☐	125.000	129.739	909888.63	0.1125	P	0.4
6	☐	250.000	268.804	1851917.16	0.2330	A	3.7
7	☐	500.000	510.043	3642172.61	0.4420	A	0.6
8	☐	1000.000	989.573	7070542.95	0.8575	A	1.1
9	☐			17442.67	0.0022	P	3.4

$$y = 8.6648\text{E-}004 * x + 6.9374\text{E-}005$$

$$R = 0.9997$$

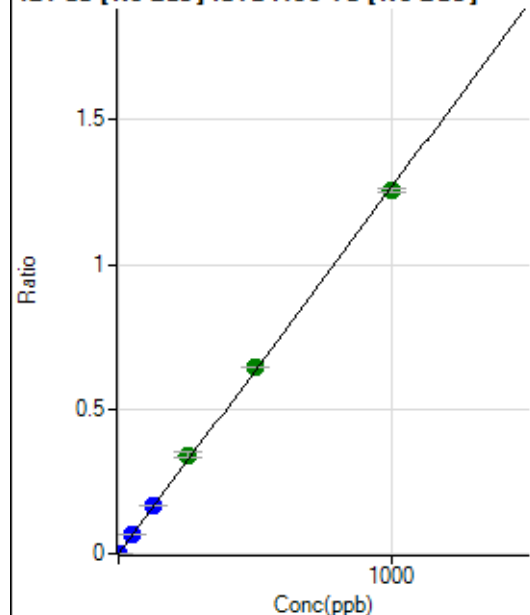
$$DL = 0.01165$$

$$BEC = 0.08006$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.12	0.0000	P	33.8
2	☐	0.200					
3	☐	2.000	2.020	20472.00	0.0026	P	1.2
4	☐	50.000	51.407	520565.15	0.0651	P	0.9
5	☐	125.000	129.372	1325069.30	0.1638	P	0.6
6	☐	250.000	269.882	2714999.93	0.3417	A	5.2
7	☐	500.000	508.415	5304395.09	0.6437	A	0.2
8	☐	1000.000	990.205	10337555.18	1.2537	A	1.0
9	☐			28447.90	0.0035	P	2.3

$$y = 0.0013 * x + 1.0972E-005$$

$$R = 0.9997$$

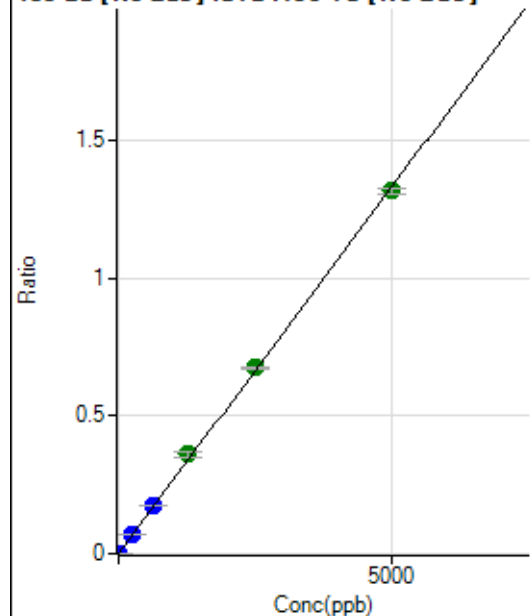
$$DL = 0.008789$$

$$BEC = 0.008666$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	222.23	0.0000	P	13.9
2	☐	1.000					
3	☐	10.000	10.054	21549.01	0.0027	P	3.5
4	☐	250.000	263.247	560517.61	0.0701	P	0.8
5	☐	625.000	652.524	1405115.43	0.1737	P	0.7
6	☐	1250.000	1353.969	2863538.74	0.3604	A	5.2
7	☐	2500.000	2536.386	5563225.21	0.6751	A	0.4
8	☐	5000.000	4951.712	10867380.10	1.3180	A	1.3
9	☐			3181.08	0.0004	P	9.9

$$y = 2.6617E-004 * x + 2.8332E-005$$

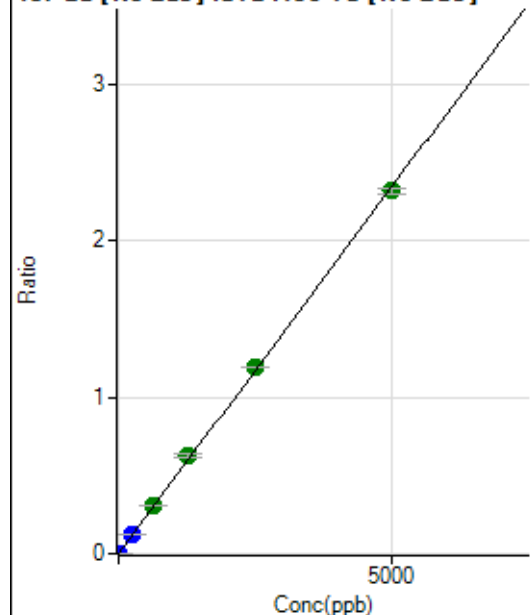
$$R = 0.9997$$

$$DL = 0.04442$$

$$BEC = 0.1064$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	369.47	0.0000	P	6.8
2	☐	1.000					
3	☐	10.000	10.224	38540.65	0.0048	P	0.6
4	☐	250.000	263.463	987353.17	0.1235	P	0.5
5	☐	625.000	662.199	2509722.47	0.3103	A	1.7
6	☐	1250.000	1342.743	4999293.99	0.6291	A	4.5
7	☐	2500.000	2542.758	9816251.52	1.1913	A	0.3
8	☐	5000.000	4950.112	19120839.32	2.3191	A	1.7
9	☐			5543.11	0.0007	P	5.2

$$y = 4.6848\text{E-}004 * x + 4.7062\text{E-}005$$

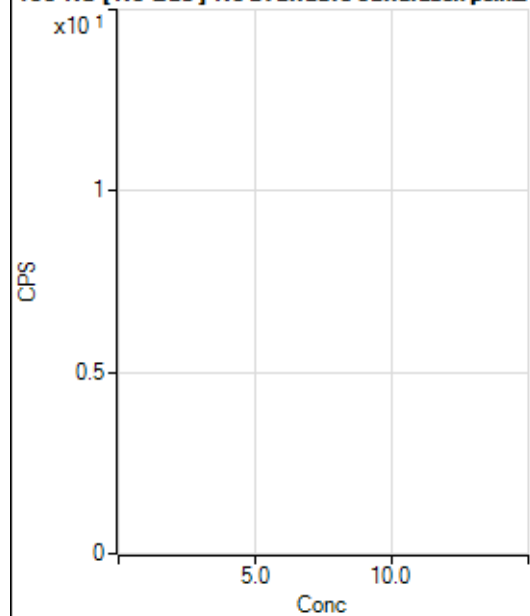
$$R = 0.9997$$

$$DL = 0.02038$$

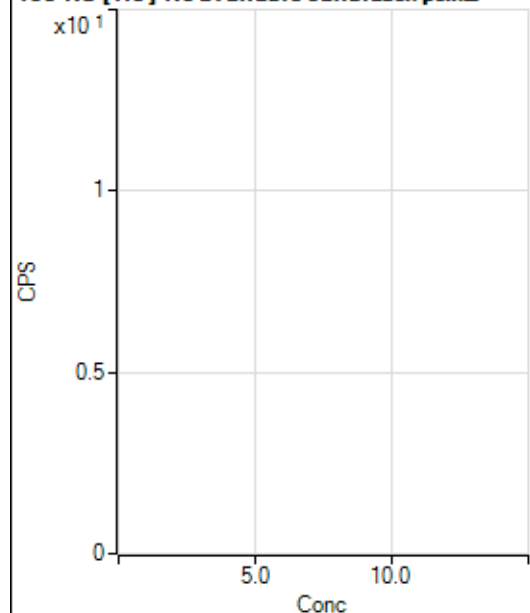
$$BEC = 0.1005$$

Weight: <None>

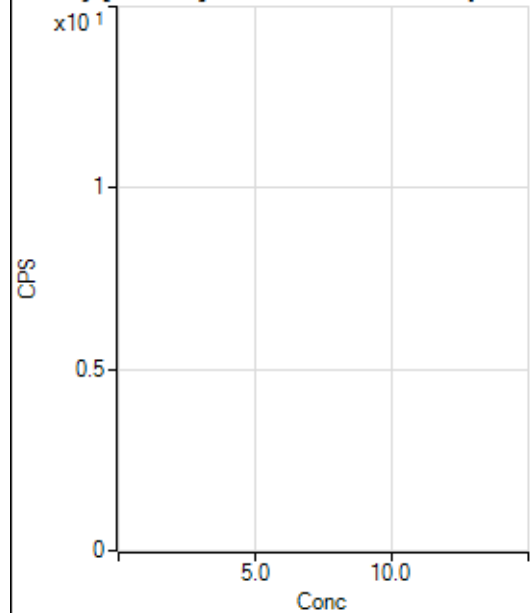
Min Conc: 0

150 Nd [No Gas] No available calibration points

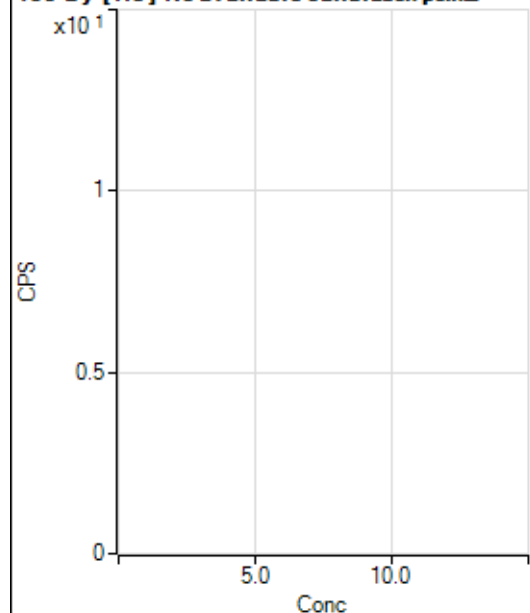
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			6.67		P	0.0
4	☐			48.89		P	56.8
5	☐			77.78		P	26.2
6	☐			126.67		P	13.9
7	☐			288.90		P	12.7
8	☐			428.91		P	12.7
9	☐			122.23		P	41.3

150 Nd [He] No available calibration points

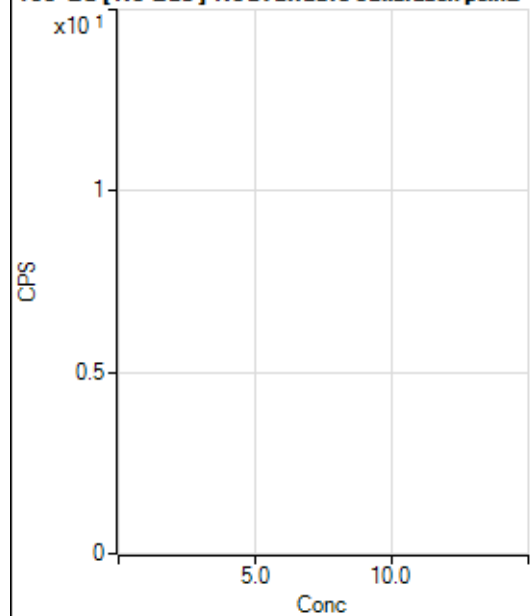
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	43.4
5	☐			1.11		P	173.
6	☐			1.11		P	173.
7	☐			3.33		P	100.
8	☐			14.44		P	58.1
9	☐			10.00		P	66.7

156 Dy [No Gas] No available calibration points

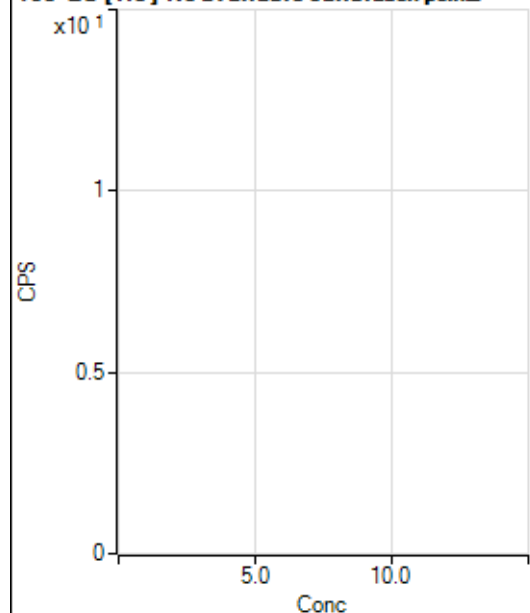
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			8.33		P	100.
4	☐			30.56		P	63.0
5	☐			61.12		P	34.3
6	☐			30.56		P	128.
7	☐			97.23		P	55.8
8	☐			122.23		P	3.9
9	☐			113.90		P	40.3

156 Dy [He] No available calibration points

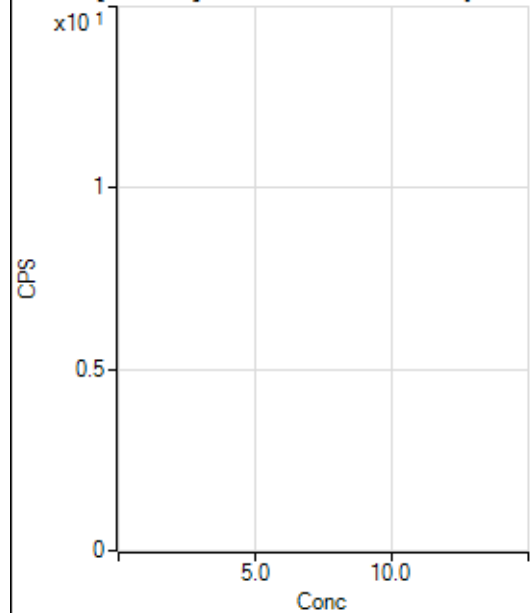
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			4.44		P	43.4
6	☐			3.33		P	100.
7	☐			10.00		P	57.7
8	☐			14.44		P	35.3
9	☐			26.66		P	43.3

160 Gd [No Gas] Noavailable calibration poin_

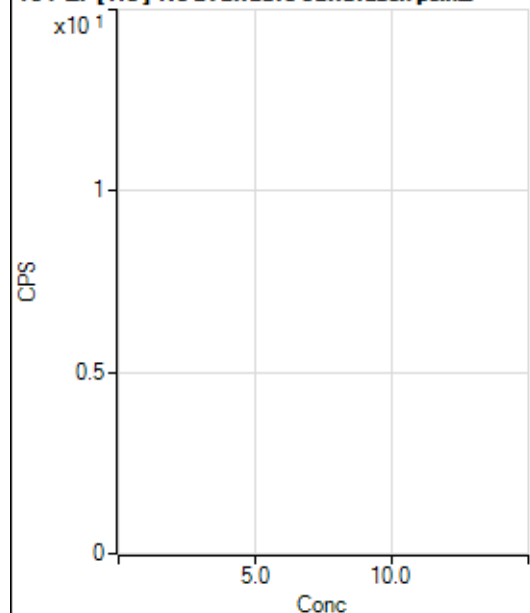
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			36.11		P	58.1
2	☐						
3	☐			52.78		P	9.1
4	☐			58.34		P	24.7
5	☐			55.56		P	8.7
6	☐			38.89		P	32.7
7	☐			63.89		P	15.1
8	☐			91.67		P	59.6
9	☐			91.67		P	31.5

160 Gd [He] No available calibration points

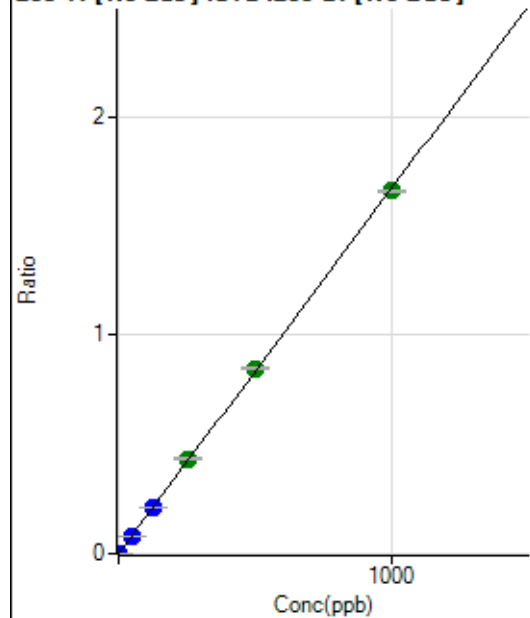
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	114.
2	☐						
3	☐			5.55		P	124.
4	☐			4.44		P	43.4
5	☐			11.11		P	96.4
6	☐			8.89		P	21.6
7	☐			11.11		P	62.5
8	☐			16.67		P	20.0
9	☐			15.55		P	24.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	62.5
2	☐						
3	☐			44.45		P	21.6
4	☐			33.33		P	43.3
5	☐			30.56		P	41.7
6	☐			19.44		P	65.5
7	☐			41.67		P	34.6
8	☐			41.67		P	60.0
9	☐			38.89		P	65.5

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			11.11		P	45.8
4	☐			3.33		P	100.
5	☐			3.33		P	0.0
6	☐			8.89		P	21.6
7	☐			11.11		P	62.5
8	☐			6.67		P	50.0
9	☐			18.89		P	27.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	402.81	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	0.989	9348.32	0.0017	P	5.1
4	☐	50.000	49.218	446659.13	0.0824	P	0.9
5	☐	125.000	124.278	1140840.99	0.2079	P	0.1
6	☐	250.000	260.351	2391211.90	0.4355	A	2.7
7	☐	500.000	507.723	4772532.62	0.8492	A	1.5
8	☐	1000.000	993.680	9367443.27	1.6620	A	0.3
9	☐			4951.20	0.0010	P	7.4

$$y = 0.0017 * x + 7.5544E-005$$

$$R = 0.9999$$

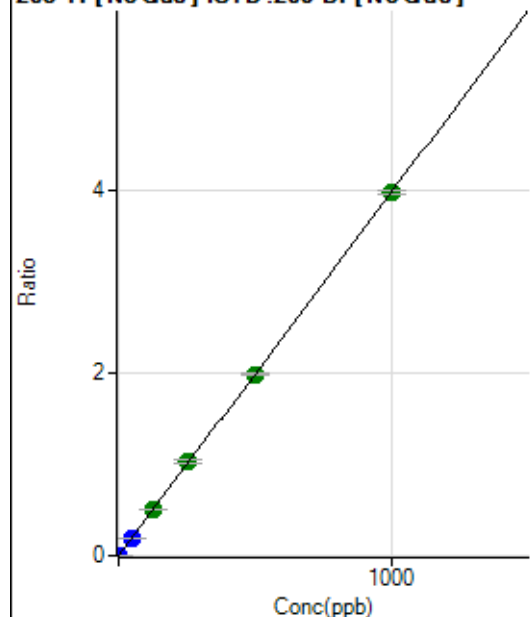
$$DL = 0.01737$$

$$BEC = 0.04517$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	938.97	0.0002	P	1.2
2	☐	0.100					
3	☐	1.000	0.966	21747.19	0.0040	P	1.4
4	☐	50.000	49.995	1079599.20	0.1991	P	0.6
5	☐	125.000	127.750	2790356.83	0.5086	A	0.7
6	☐	250.000	257.232	5620490.79	1.0239	A	3.8
7	☐	500.000	499.484	11172284.54	1.9880	A	1.0
8	☐	1000.000	998.107	22388745.47	3.9724	A	1.0
9	☐			12300.96	0.0024	P	9.5

$$y = 0.0040 * x + 1.7628E-004$$

$$R = 1.0000$$

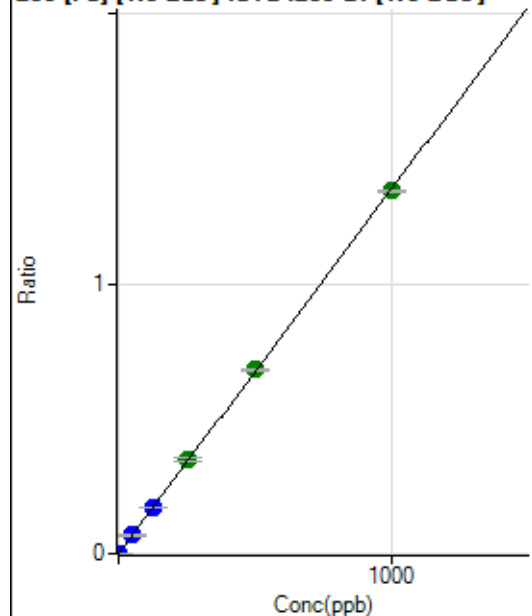
$$DL = 0.001544$$

$$BEC = 0.04429$$

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	768.57	0.0001	P	7.6
2	☐	0.100					
3	☐	1.000	0.981	7937.91	0.0015	P	1.7
4	☐	50.000	50.088	367222.46	0.0677	P	0.6
5	☐	125.000	125.286	928418.46	0.1692	P	0.6
6	☐	250.000	259.775	1925292.38	0.3507	A	3.5
7	☐	500.000	504.292	3825489.47	0.6807	A	0.7
8	☐	1000.000	995.370	7571759.25	1.3434	A	0.6
9	☐			7967.56	0.0015	P	4.7

$$y = 0.0013 * x + 1.4424E-004$$

$$R = 0.9999$$

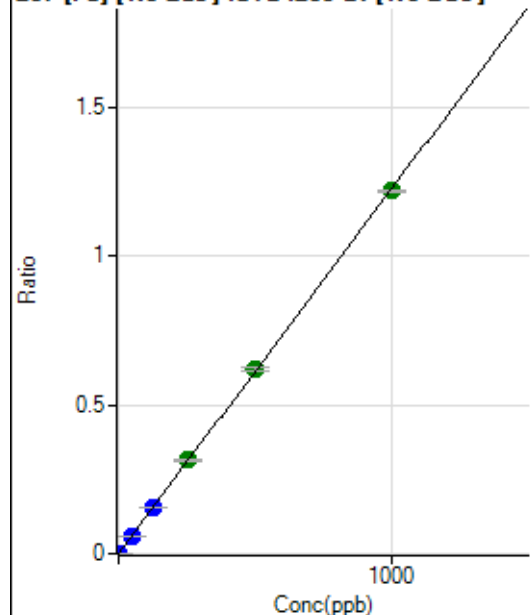
$$DL = 0.02422$$

$$BEC = 0.1069$$

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	698.19	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	0.964	7105.92	0.0013	P	3.4
4	☐	50.000	49.718	331360.66	0.0611	P	0.9
5	☐	125.000	125.051	842374.52	0.1535	P	0.8
6	☐	250.000	257.288	1733708.04	0.3158	A	2.7
7	☐	500.000	506.505	3492493.02	0.6215	A	1.7
8	☐	1000.000	994.933	6879821.80	1.2207	A	0.7
9	☐			7055.90	0.0014	P	2.0

$$y = 0.0012 * x + 1.3107E-004$$

$$R = 0.9999$$

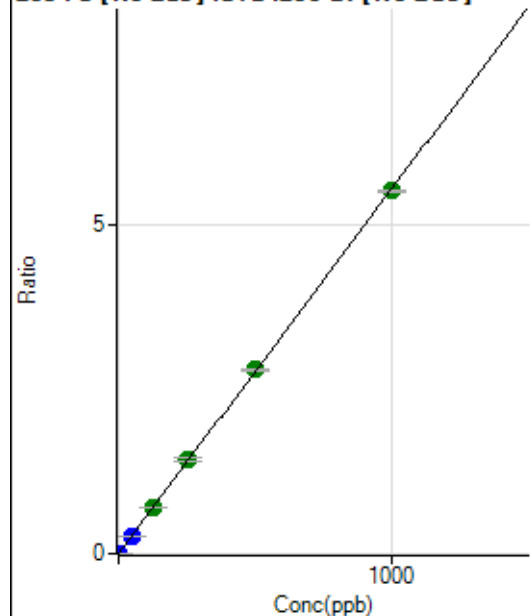
$$DL = 0.01477$$

$$BEC = 0.1068$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3028.01	0.0006	P	4.0
2	☐	0.100					
3	☐	1.000	0.974	32287.45	0.0060	P	2.0
4	☐	50.000	49.856	1501749.90	0.2770	P	0.4
5	☐	125.000	126.571	3853422.11	0.7024	A	1.5
6	☐	250.000	258.697	7877882.11	1.4350	A	3.4
7	☐	500.000	504.263	15716274.80	2.7967	A	1.4
8	☐	1000.000	995.505	31114683.16	5.5206	A	0.5
9	☐			32066.83	0.0062	P	2.1

$$y = 0.0055 * x + 5.6864E-004$$

$$R = 0.9999$$

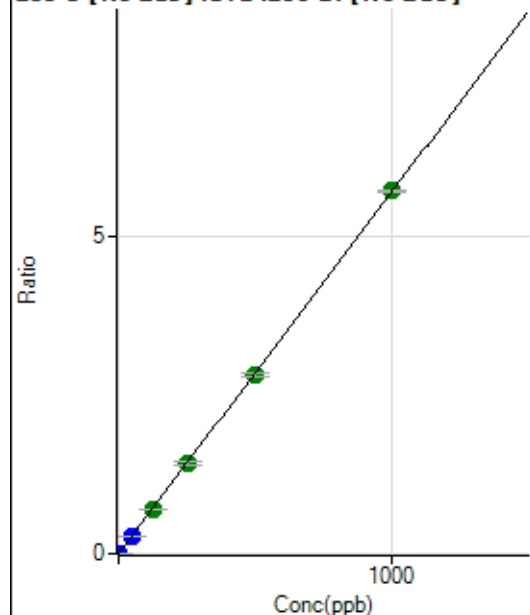
$$DL = 0.01238$$

$$BEC = 0.1026$$

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	2394.80	0.0005	P	12.4
2	☐	0.100					
3	☐	1.000	0.918	30755.76	0.0057	P	2.1
4	☐	50.000	48.008	1487744.24	0.2744	P	0.9
5	☐	125.000	121.089	3793932.68	0.6915	A	0.6
6	☐	250.000	249.065	7805224.57	1.4219	A	3.6
7	☐	500.000	494.248	15853858.86	2.8211	A	1.3
8	☐	1000.000	1003.698	32286498.98	5.7285	A	0.9
9	☐			7191.35	0.0014	P	5.6

$$y = 0.0057 * x + 4.5023E-004$$

$$R = 1.0000$$

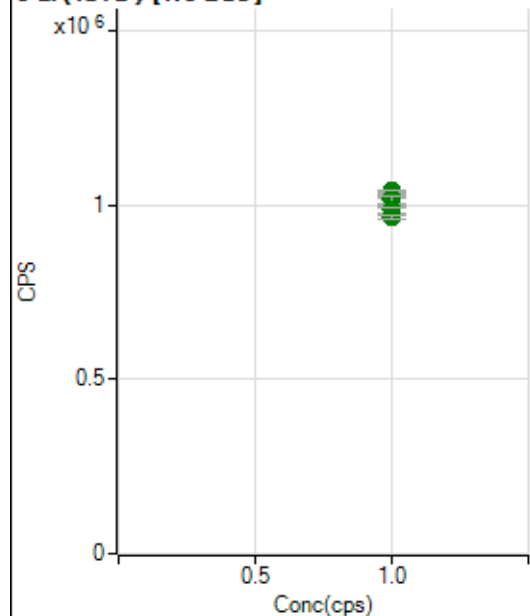
$$DL = 0.02943$$

$$BEC = 0.07889$$

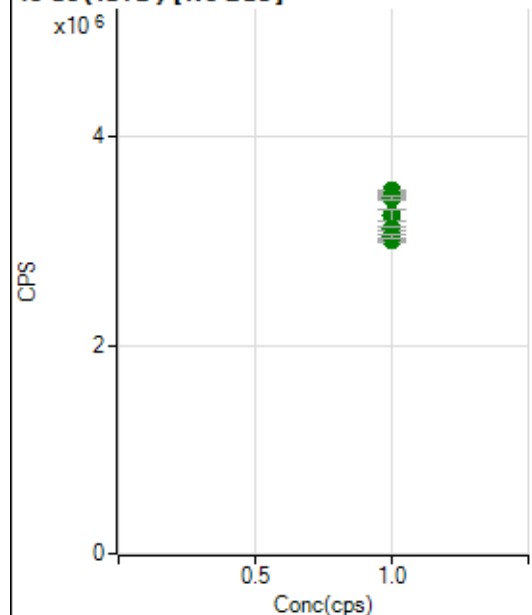
Weight: <None>

Min Conc: 0

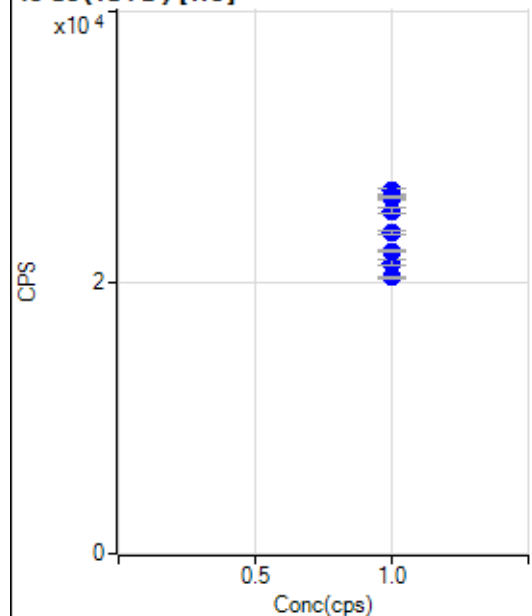
6 Li (ISTD) [No Gas]



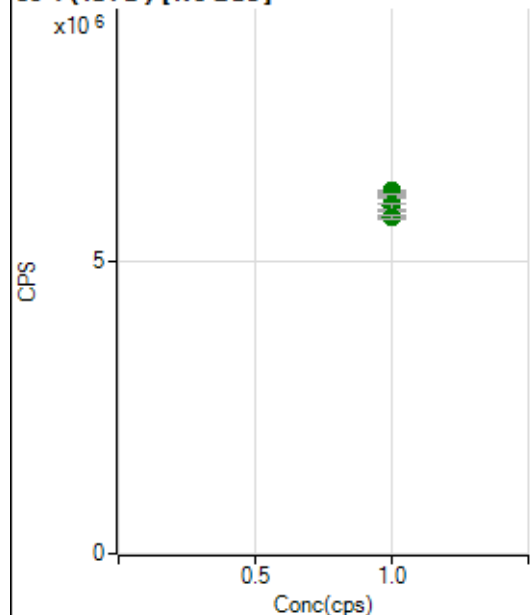
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1020306.64		A	0.2
2	☐	1.000					
3	☐	1.000		1032686.56		A	0.8
4	☐	1.000		1027882.79		A	1.3
5	☐	1.000		1041164.36		A	0.5
6	☐	1.000		1021921.22		A	4.2
7	☐	1.000		1015284.78		A	2.5
8	☐	1.000		985212.58		A	1.8
9	☐	1.000		965638.16		A	1.0

45 Sc (ISTD) [No Gas]

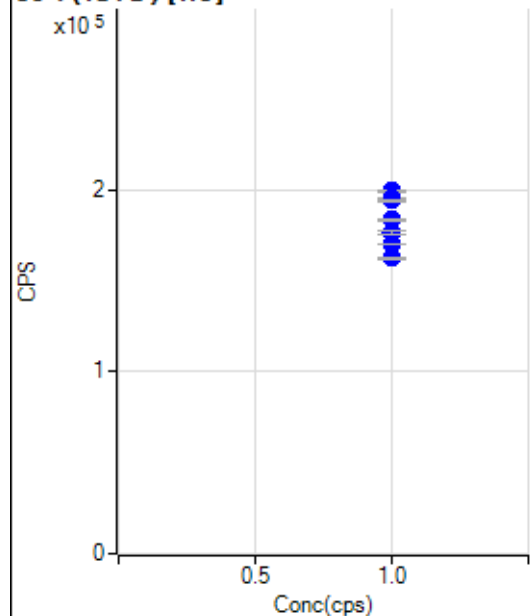
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3440693.57		A	0.7
2	☐	1.000					
3	☐	1.000		3481086.67		A	0.7
4	☐	1.000		3431829.05		A	0.7
5	☐	1.000		3411823.97		A	1.1
6	☐	1.000		3246003.35		A	3.5
7	☐	1.000		3121755.21		A	1.3
8	☐	1.000		3000023.61		A	1.0
9	☐	1.000		3045883.38		A	1.7

45 Sc (ISTD) [He]

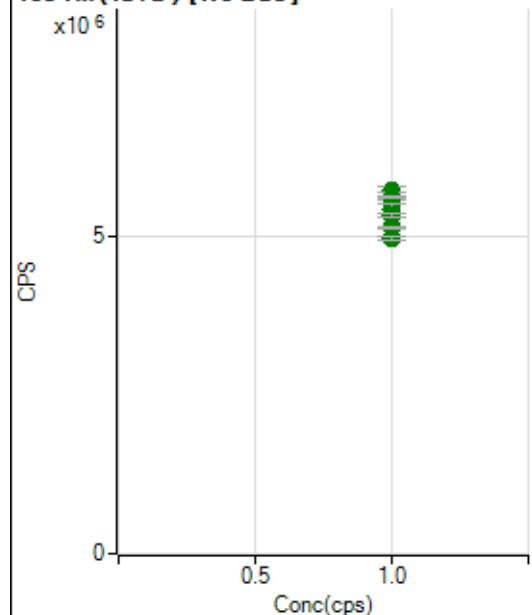
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		26733.42		P	1.3
2	☐	1.000					
3	☐	1.000		26265.84		P	1.6
4	☐	1.000		26305.97		P	0.5
5	☐	1.000		25260.69		P	1.7
6	☐	1.000		23616.74		P	1.1
7	☐	1.000		21462.19		P	2.4
8	☐	1.000		20344.92		P	0.3
9	☐	1.000		22282.34		P	0.4

89 Y (ISTD) [No Gas]

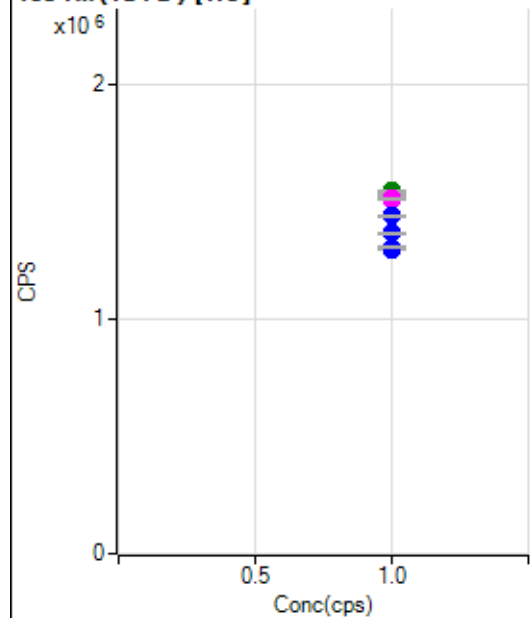
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6140506.43		A	1.1
2	☐	1.000					
3	☐	1.000		6150729.42		A	0.4
4	☐	1.000		6187343.45		A	0.4
5	☐	1.000		6123821.37		A	0.3
6	☐	1.000		5953263.52		A	4.0
7	☐	1.000		5920693.80		A	1.2
8	☐	1.000		5743683.60		A	0.7
9	☐	1.000		5745524.36		A	1.1

89 Y (ISTD) [He]

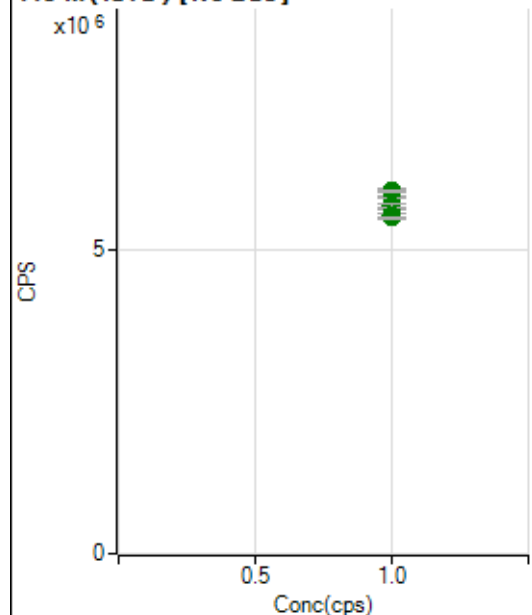
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		198838.18		P	0.3
2	☐	1.000					
3	☐	1.000		199217.64		P	0.4
4	☐	1.000		195187.57		P	0.1
5	☐	1.000		193803.95		P	0.9
6	☐	1.000		183503.55		P	0.7
7	☐	1.000		170409.39		P	0.1
8	☐	1.000		162544.25		P	0.6
9	☐	1.000		176301.49		P	1.1

103 Rh (ISTD) [No Gas]

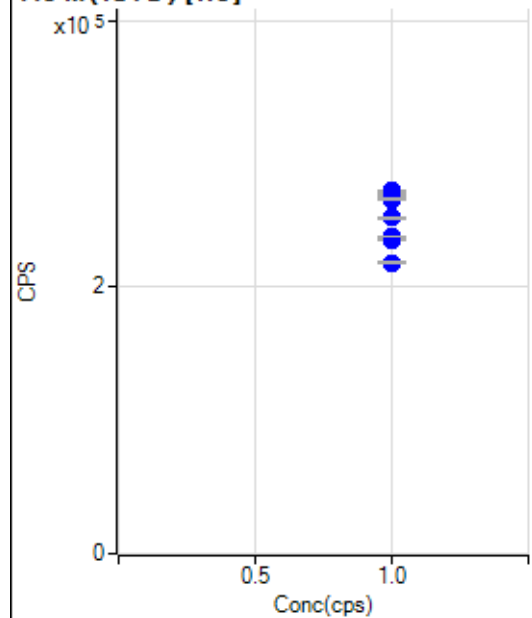
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5699985.15		A	2.4
2	☐	1.000					
3	☐	1.000		5676558.94		A	0.2
4	☐	1.000		5582688.27		A	0.8
5	☐	1.000		5604089.49		A	0.9
6	☐	1.000		5402234.37		A	3.7
7	☐	1.000		5317359.45		A	1.0
8	☐	1.000		5123525.42		A	0.3
9	☐	1.000		4953248.72		A	1.1

103 Rh (ISTD) [He]

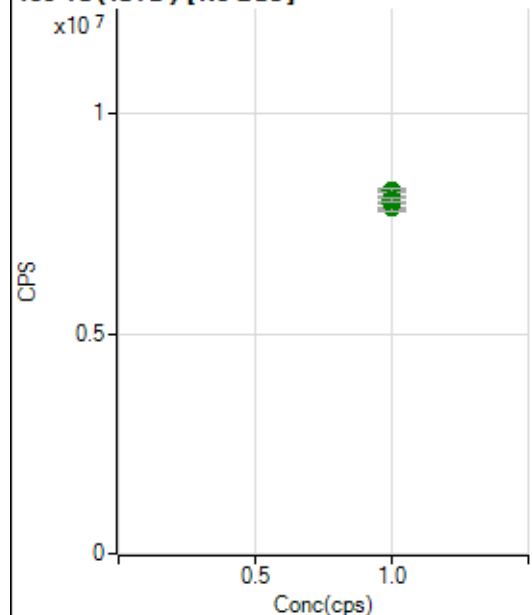
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1545790.55		A	1.3
2	☐	1.000					
3	☐	1.000		1549018.41		A	0.2
4	☐	1.000		1522428.14		M	0.5
5	☐	1.000		1511610.86		M	0.5
6	☐	1.000		1442972.10		P	0.8
7	☐	1.000		1367925.67		P	0.2
8	☐	1.000		1297615.74		P	0.5
9	☐	1.000		1308218.81		P	0.6

115 In (ISTD) [No Gas]

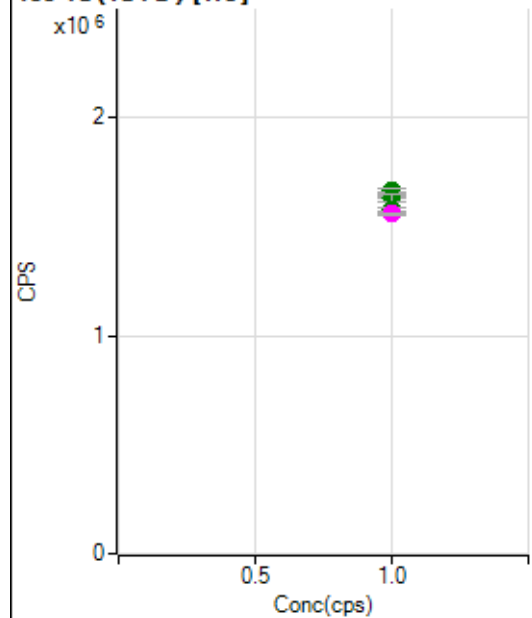
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5983319.38		A	0.9
2	☐	1.000					
3	☐	1.000		5974446.79		A	0.6
4	☐	1.000		5899983.22		A	0.1
5	☐	1.000		5966040.71		A	0.5
6	☐	1.000		5776110.63		A	3.3
7	☐	1.000		5743694.52		A	1.2
8	☐	1.000		5584911.87		A	1.0
9	☐	1.000		5547994.99		A	0.5

115 In (ISTD) [He]

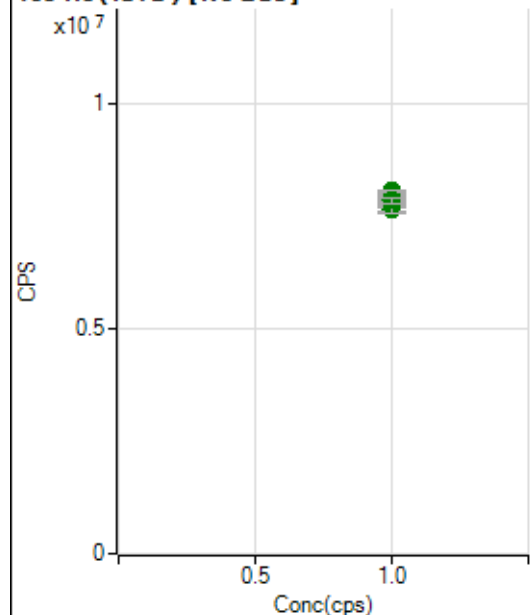
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		272088.23		P	0.2
2	☐	1.000					
3	☐	1.000		270413.00		P	0.5
4	☐	1.000		267834.72		P	0.5
5	☐	1.000		265959.10		P	0.9
6	☐	1.000		252061.41		P	0.7
7	☐	1.000		235532.96		P	0.5
8	☐	1.000		218127.80		P	0.6
9	☐	1.000		237874.38		P	0.5

159 Tb (ISTD) [No Gas]

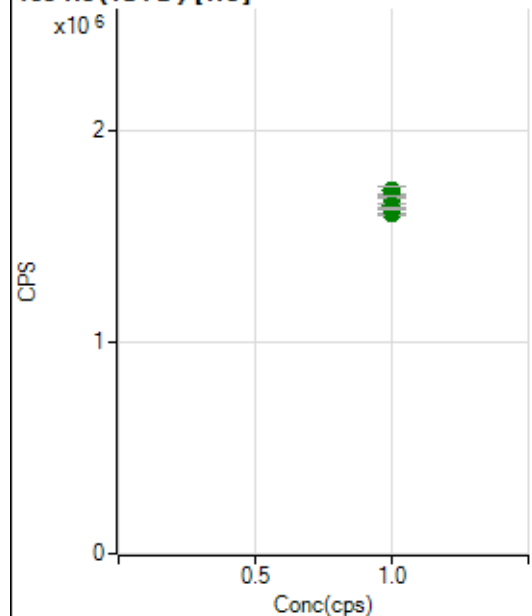
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7849188.36		A	0.9
2	☐	1.000					
3	☐	1.000		7968569.05		A	0.2
4	☐	1.000		7996617.45		A	0.4
5	☐	1.000		8089061.75		A	0.4
6	☐	1.000		7957285.99		A	4.4
7	☐	1.000		8240172.58		A	0.4
8	☐	1.000		8246119.95		A	1.2
9	☐	1.000		8055953.14		A	1.1

159 Tb (ISTD) [He]

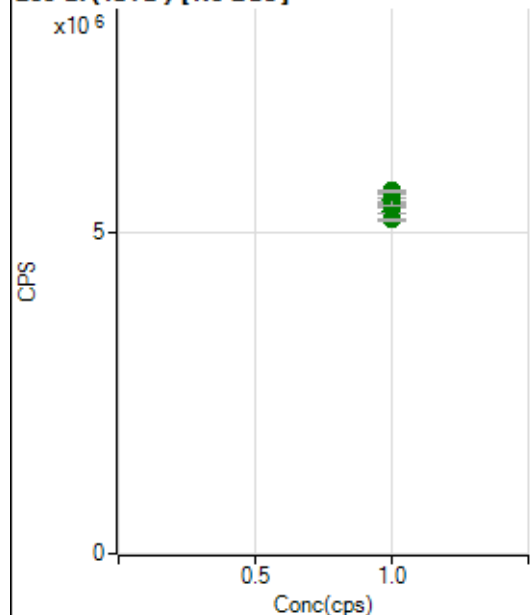
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1638824.37		A	1.1
2	☐	1.000					
3	☐	1.000		1647183.54		A	1.3
4	☐	1.000		1651535.08		A	0.2
5	☐	1.000		1662760.43		A	1.0
6	☐	1.000		1631566.67		A	1.9
7	☐	1.000		1578455.41		A	1.3
8	☐	1.000		1556529.47		M	0.6
9	☐	1.000		1557369.19		M	0.3

165 Ho (ISTD) [No Gas]

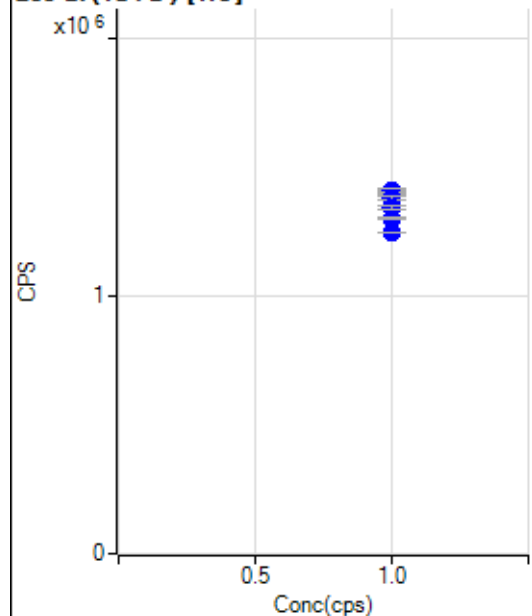
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7644955.73		A	1.4
2	☐	1.000					
3	☐	1.000		7830667.10		A	0.3
4	☐	1.000		7751356.51		A	0.3
5	☐	1.000		7792804.34		A	1.2
6	☐	1.000		7764621.09		A	4.8
7	☐	1.000		8025926.92		A	1.1
8	☐	1.000		8057482.12		A	0.3
9	☐	1.000		7838815.80		A	1.6

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1685389.24		A	0.2
2	☐	1.000					
3	☐	1.000		1697112.79		A	0.7
4	☐	1.000		1688246.05		A	0.7
5	☐	1.000		1714557.13		A	2.2
6	☐	1.000		1686913.07		A	0.6
7	☐	1.000		1645115.08		A	1.2
8	☐	1.000		1604134.65		A	0.7
9	☐	1.000		1631180.45		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5327495.23		A	2.0
2	☐	1.000					
3	☐	1.000		5407958.67		A	0.4
4	☐	1.000		5421200.89		A	0.4
5	☐	1.000		5486695.82		A	1.0
6	☐	1.000		5493928.98		A	3.4
7	☐	1.000		5620305.61		A	1.3
8	☐	1.000		5636291.51		A	0.7
9	☐	1.000		5190220.89		A	0.8

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1401604.25		P	0.7
2	☐	1.000					
3	☐	1.000		1407026.02		P	0.9
4	☐	1.000		1398392.86		P	0.2
5	☐	1.000		1407631.75		P	1.1
6	☐	1.000		1380729.03		P	1.1
7	☐	1.000		1343984.19		P	1.1
8	☐	1.000		1301910.73		P	0.5
9	☐	1.000		1245767.05		P	0.3

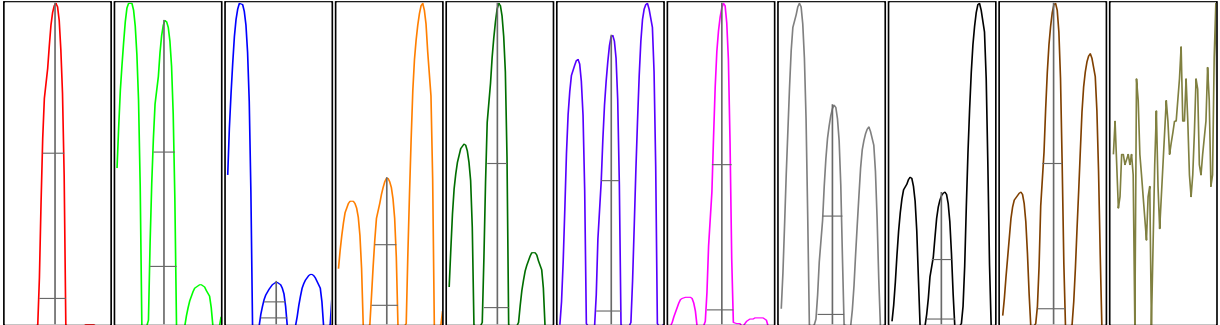
US EPA Tune Check Sample Report

Batch Folder D:\P8100918\CPMS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5996	0.79	5.00	
24	57141	0.90	5.00	
25	7907	1.17	5.00	
26	9550	0.81	5.00	
59	66803	1.09	5.00	
113	9617	0.97	5.00	
115	119046	1.39	5.00	
206	30785	1.06	5.00	
207	27951	1.07	5.00	
208	66247	0.97	5.00	
220	1	9.14		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6012	6060	5971	6005	5934
24	57218	57313	56330	57748	57098
25	7958	7901	7774	8022	7882
26	9599	9565	9415	9597	9572
59	66591	66890	65790	67823	66919
113	9681	9641	9491	9717	9553
115	120029	119699	116633	120732	118135
206	30716	30773	30313	31217	30904
207	27885	27918	27547	28377	28026
208	65931	66550	65387	67104	66262
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	10480	8.95	8.9 - 9.1		0.763	0.900	
24	99308	23.90	23.9 - 24.1		0.742	0.900	
25	13330	24.95	24.9 - 25.1		0.745	0.900	
26	15788	25.95	25.9 - 26.1		0.752	0.900	
59	120681	58.95	58.9 - 59.1		0.734	0.900	
113	18629	113.05	112.9 - 113.1		0.722	0.900	
115	228555	115.05	114.9 - 115.1		0.769	0.900	
206	56778	206.05	205.9 - 206.1		0.782	0.900	
207	50635	207.00	206.9 - 207.1		0.809	0.900	
208	122918	208.05	207.9 - 208.1		0.793	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
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	11.3	V	Deflect	14.2	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-95	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	8303	0.98	
89	2481	1.26	
205	14098	0.43	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	8356	8377	8342	8182	8261
89	2518	2480	2501	2437	2469
205	14183	14110	14117	14058	14023

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	11.3	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-95	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 :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.07	-1.17	1.25	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.01	-0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.01	-0.03	0.02	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.12	0.06	0.06	0.00	N/A	ppb
Boron	11-1	0.07	-0.03	-0.04	0.00	N/A	ppb
Cadmium	111-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Cadmium	106-1	-0.27	0.42	-0.15	0.00	N/A	ppb
Cadmium	108-1	-0.02	0.03	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.83	0.69	0.14	0.00	N/A	ppb
Calcium	44-1	0.80	-0.40	-0.39	0.00	N/A	ppb
Chromium	52-2	0.04	-0.08	0.04	0.00	N/A	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.02	0.00	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	-0.13	0.10	0.03	0.00	N/A	ppb
Iron	57-2	0.26	-0.13	-0.12	0.00	N/A	ppb
Krypton	83-1	3422.75	3557.67	-6980.43	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.70	-0.38	-0.32	0.00	N/A	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	0.01	-0.02	0.00	N/A	ppb
Phosphorus	31-2	3.02	2.59	2.68	2.77	8.23	ppb
Potassium	39-2	4.51	1.29	-5.79	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.22	-0.44	0.22	0.00	N/A	ppb
Selenium	82-1	-0.01	0.25	-0.25	0.00	N/A	ppb
Silicon	28-1	-0.26	-0.37	0.63	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	8.39	-2.44	-5.95	0.00	N/A	ppb
Strontium	86-1	0.00	0.01	-0.01	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-182.91	-61.28	162.63	-27.19		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	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	-0.01	0.00	0.01	0.00	N/A	ppb
Uranium	238-1	-0.01	0.00	0.01	0.00	N/A	ppb
Vanadium	51-2	0.00	-0.01	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.06	0.01	-0.06	0.00	N/A	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

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

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.98	20.22	21.14	19.78	8.22	ppb
Antimony	121-1	1.99	2.04	2.03	2.02	1.22	ppb
Arsenic	75-1	0.93	1.02	0.88	0.94	7.63	ppb
Barium	135-1	10.46	9.81	9.89	10.05	3.52	ppb
Barium	137-1	10.16	10.25	10.27	10.22	0.58	ppb
Beryllium	9-1	0.90	1.00	0.99	0.96	5.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	24.45	23.95	24.31	24.24	1.07	ppb
Boron	11-1	24.96	23.88	25.14	24.66	2.77	ppb
Cadmium	111-1	0.98	1.04	1.18	1.07	9.97	ppb
Cadmium	106-1	1.02	1.57	2.21	1.60	37.20	ppb
Cadmium	108-1	1.34	1.31	1.26	1.30	3.03	ppb
Calcium	43-1	458.87	470.88	465.98	465.24	1.30	ppb
Calcium	44-1	476.42	468.25	472.63	472.43	0.87	ppb
Chromium	52-2	2.20	2.04	2.28	2.17	5.65	ppb
Cobalt	59-2	0.86	1.02	0.97	0.95	8.73	ppb
Copper	63-2	1.84	1.96	1.99	1.93	3.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	49.88	52.58	51.90	51.45	2.73	ppb
Iron	57-2	49.56	45.74	58.96	51.42	13.23	ppb
Krypton	83-1	-1668.15	-12108.99	-4847.42	-6208.19		ppb
Lead	206-1	0.96	1.00	0.98	0.98	1.86	ppb
Lead	207-1	1.00	0.96	0.93	0.96	3.79	ppb
Lead	208-1	0.99	0.98	0.95	0.97	2.26	ppb
Lithium	6-1				101		%
Magnesium	24-2	493.37	505.88	495.39	498.22	1.35	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.93	0.87	1.13	0.97	13.97	ppb
Molybdenum	94-1	4.73	4.82	4.56	4.70	2.82	ppb
Molybdenum	95-1	4.87	4.87	4.63	4.79	2.90	ppb
Molybdenum	96-1	4.86	4.63	4.90	4.79	3.08	ppb
Molybdenum	97-1	5.05	5.06	5.21	5.11	1.72	ppb
Molybdenum	98-1	4.74	4.71	4.90	4.78	2.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	0.93	1.17	1.03	11.63	ppb
Phosphorus	31-2	-15.15	-15.15	22.00	-2.77		ppb
Potassium	39-2	487.78	475.58	540.64	501.34	6.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	3.99	4.00	12.07	6.69	69.74	ppb
Selenium	78-2	8.15	6.86	8.22	7.74	9.94	ppb
Selenium	82-1	4.92	4.17	4.90	4.66	9.23	ppb
Silicon	28-1	15.73	15.18	15.61	15.51	1.85	ppb
Silver	109-1	1.05	1.08	1.10	1.08	2.03	ppb
Silver	107-1	1.07	1.14	1.08	1.10	3.62	ppb
Sodium	23-2	488.76	487.70	512.94	496.47	2.87	ppb
Strontium	86-1	1.03	1.02	1.06	1.04	2.09	ppb
Strontium	88-1	1.01	1.01	0.98	1.00	1.74	ppb
Sulfur	34-1	62.57	85.12	-66.12	27.19	300.10	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	1.05	0.95	0.97	0.99	5.33	ppb
Thallium	205-1	0.95	0.97	0.98	0.97	1.47	ppb
Tin	118-1	5.08	5.09	5.16	5.11	0.89	ppb
Titanium	47-1	4.89	4.60	4.88	4.79	3.41	ppb
Uranium	238-1	0.91	0.94	0.91	0.92	2.23	ppb
Vanadium	51-2	4.78	4.91	5.24	4.98	4.86	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	2.00	1.94	2.48	2.14	13.80	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.90	0.92	0.90	2.84	ppb
Zirconium	91-1	0.91	0.90	0.98	0.93	4.55	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1001.84	960.23	972.77	978.28	2.18	ppb
Antimony	121-1	51.48	50.90	51.84	51.41	0.93	ppb
Arsenic	75-1	48.51	48.75	49.31	48.86	0.85	ppb
Barium	135-1	265.69	261.95	262.10	263.25	0.80	ppb
Barium	137-1	264.96	262.68	262.75	263.46	0.49	ppb
Beryllium	9-1	53.91	53.19	54.70	53.93	1.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	50.49	54.36	52.34	52.40	3.70	ppb
Boron	11-1	52.10	50.13	53.61	51.95	3.35	ppb
Cadmium	111-1	53.61	52.72	53.61	53.32	0.97	ppb
Cadmium	106-1	55.11	51.80	54.28	53.73	3.20	ppb
Cadmium	108-1	53.99	53.38	52.88	53.42	1.04	ppb
Calcium	43-1	4972.54	4964.22	5059.34	4998.70	1.05	ppb
Calcium	44-1	5058.03	5068.60	5117.41	5081.35	0.62	ppb
Chromium	52-2	64.39	63.82	64.13	64.11	0.44	ppb
Cobalt	59-2	48.91	48.85	49.19	48.98	0.37	ppb
Copper	63-2	99.23	97.52	98.14	98.30	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	2663.99	2592.35	2650.77	2635.71	1.45	ppb
Iron	57-2	2594.48	2531.64	2552.43	2559.52	1.25	ppb
Krypton	83-1	-7462.93	-8108.55	-9758.54	-8443.34		ppb
Lead	206-1	50.29	49.74	50.23	50.09	0.61	ppb
Lead	207-1	50.09	49.82	49.25	49.72	0.86	ppb
Lead	208-1	50.06	49.67	49.84	49.86	0.39	ppb
Lithium	6-1				101		%
Magnesium	24-2	5117.95	5042.67	5182.87	5114.49	1.37	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.25	99.28	102.33	101.29	1.72	ppb
Molybdenum	94-1	249.99	248.69	252.71	250.46	0.82	ppb
Molybdenum	95-1	252.13	248.88	253.09	251.36	0.88	ppb
Molybdenum	96-1	250.08	250.59	251.92	250.86	0.38	ppb
Molybdenum	97-1	248.82	245.88	251.36	248.68	1.10	ppb
Molybdenum	98-1	250.21	252.74	250.69	251.21	0.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	59.29	58.14	58.62	58.68	0.98	ppb
Phosphorus	31-2	1082.85	818.45	950.80	950.70	13.91	ppb
Potassium	39-2	2524.63	2539.59	2626.39	2563.54	2.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	85.97	89.99	44.96	73.64	33.84	ppb
Selenium	78-2	59.24	51.74	42.21	51.06	16.71	ppb
Selenium	82-1	52.56	50.44	50.58	51.19	2.32	ppb
Silicon	28-1	58.33	57.92	93.49	69.91	29.21	ppb
Silver	109-1	55.42	54.92	55.26	55.20	0.46	ppb
Silver	107-1	54.96	55.10	55.15	55.07	0.18	ppb
Sodium	23-2	4992.28	4905.12	4989.75	4962.39	1.00	ppb
Strontium	86-1	49.81	49.84	49.45	49.70	0.44	ppb
Strontium	88-1	50.50	49.88	50.42	50.27	0.67	ppb
Sulfur	34-1	1148.25	1152.77	1201.04	1167.35	2.51	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.59	48.72	49.35	49.22	0.91	ppb
Thallium	205-1	50.36	49.84	49.79	49.99	0.63	ppb
Tin	118-1	52.42	52.17	52.12	52.23	0.31	ppb
Titanium	47-1	253.92	252.79	255.76	254.16	0.59	ppb
Uranium	238-1	47.55	48.03	48.45	48.01	0.94	ppb
Vanadium	51-2	49.16	47.85	48.34	48.45	1.37	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%
Zinc	66-2	99.49	97.05	98.19	98.24	1.25	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.16	49.24	49.97	49.45	0.90	ppb
Zirconium	91-1	48.35	48.27	49.47	48.70	1.38	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2465.40	2539.27	2441.08	2481.92	2.06	ppb
Antimony	121-1	129.19	128.75	130.18	129.37	0.57	ppb
Arsenic	75-1	123.21	121.02	122.66	122.30	0.93	ppb
Barium	135-1	649.70	650.46	657.41	652.52	0.65	ppb
Barium	137-1	657.32	654.00	675.28	662.20	1.73	ppb
Beryllium	9-1	132.49	131.52	130.93	131.65	0.59	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	123.91	124.70	131.30	126.64	3.21	ppb
Boron	11-1	125.21	127.68	127.63	126.84	1.11	ppb
Cadmium	111-1	131.62	131.09	132.12	131.61	0.39	ppb
Cadmium	106-1	130.66	134.88	134.04	133.19	1.68	ppb
Cadmium	108-1	133.27	141.34	133.50	136.04	3.38	ppb
Calcium	43-1	12525.29	12339.14	12441.09	12435.18	0.75	ppb
Calcium	44-1	12468.45	12238.29	12397.55	12368.10	0.95	ppb
Chromium	52-2	144.16	150.76	146.14	147.02	2.30	ppb
Cobalt	59-2	123.48	126.23	124.80	124.84	1.10	ppb
Copper	63-2	246.31	252.60	248.63	249.18	1.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	6461.22	6666.66	6577.32	6568.40	1.57	ppb
Iron	57-2	6397.28	6739.60	6524.60	6553.83	2.64	ppb
Krypton	83-1	2205.21	-1532.93	-2979.12	-768.95		ppb
Lead	206-1	125.01	124.65	126.19	125.29	0.64	ppb
Lead	207-1	124.82	124.23	126.11	125.05	0.77	ppb
Lead	208-1	126.29	124.78	128.64	126.57	1.54	ppb
Lithium	6-1				102		%
Magnesium	24-2	12787.59	13062.71	12857.39	12902.57	1.11	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	248.70	258.82	253.77	253.77	1.99	ppb
Molybdenum	94-1	637.54	640.79	645.37	641.23	0.61	ppb
Molybdenum	95-1	635.23	639.54	637.78	637.52	0.34	ppb
Molybdenum	96-1	629.89	632.66	635.73	632.76	0.46	ppb
Molybdenum	97-1	632.57	629.23	641.37	634.39	0.99	ppb
Molybdenum	98-1	622.90	622.74	635.59	627.07	1.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.47	139.77	141.89	139.71	1.58	ppb
Phosphorus	31-2	2534.31	3099.73	2523.03	2719.02	12.13	ppb
Potassium	39-2	6347.99	6516.48	6347.34	6403.94	1.52	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				94		%
Selenium	77-2	142.80	156.85	141.21	146.95	5.86	ppb
Selenium	78-2	135.39	130.83	132.33	132.85	1.75	ppb
Selenium	82-1	129.03	126.43	126.36	127.28	1.20	ppb
Silicon	28-1	141.18	137.63	141.63	140.14	1.56	ppb
Silver	109-1	135.18	136.37	135.59	135.71	0.45	ppb
Silver	107-1	135.61	135.87	137.68	136.39	0.83	ppb
Sodium	23-2	12579.87	12933.30	12767.38	12760.18	1.39	ppb
Strontium	86-1	124.75	124.68	124.83	124.75	0.06	ppb
Strontium	88-1	127.51	128.07	127.55	127.71	0.25	ppb
Sulfur	34-1	2593.91	2418.85	2457.72	2490.16	3.69	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	124.14	124.22	124.47	124.28	0.14	ppb
Thallium	205-1	128.05	126.77	128.42	127.75	0.68	ppb
Tin	118-1	129.21	129.77	130.23	129.74	0.39	ppb
Titanium	47-1	631.55	621.37	630.81	627.91	0.90	ppb
Uranium	238-1	120.77	120.61	121.89	121.09	0.57	ppb
Vanadium	51-2	123.65	128.46	125.99	126.03	1.91	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%
Zinc	66-2	253.27	257.24	249.82	253.44	1.46	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	127.06	126.72	127.48	127.09	0.30	ppb
Zirconium	91-1	123.24	123.44	124.45	123.71	0.52	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4982.37	4979.03	4964.68	4975.36	0.19	ppb
Antimony	121-1	286.07	263.20	260.38	269.88	5.22	ppb
Arsenic	75-1	263.54	250.01	249.97	254.50	3.07	ppb
Barium	135-1	1435.20	1317.97	1308.73	1353.97	5.21	ppb
Barium	137-1	1412.53	1308.43	1307.27	1342.74	4.50	ppb
Beryllium	9-1	276.86	258.92	255.32	263.70	4.37	ppb
Bismuth	209-1				103		%
Bismuth	209-2				99		%
Boron	10-1	267.18	255.76	250.70	257.88	3.27	ppb
Boron	11-1	266.01	255.66	253.58	258.42	2.58	ppb
Cadmium	111-1	283.96	262.55	261.25	269.25	4.74	ppb
Cadmium	106-1	292.39	267.26	261.87	273.84	5.95	ppb
Cadmium	108-1	281.43	265.40	265.44	270.76	3.41	ppb
Calcium	43-1	26749.01	24945.63	25121.76	25605.47	3.88	ppb
Calcium	44-1	26500.05	24669.91	24945.17	25371.71	3.89	ppb
Chromium	52-2	249.35	254.41	254.34	252.70	1.15	ppb
Cobalt	59-2	246.80	250.40	247.96	248.39	0.74	ppb
Copper	63-2	494.67	503.86	498.54	499.03	0.92	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	12873.79	13035.91	12825.49	12911.73	0.85	ppb
Iron	57-2	12822.71	12875.49	12769.95	12822.72	0.41	ppb
Krypton	83-1	-6745.76	-879.81	4109.19	-1172.13		ppb
Lead	206-1	270.25	254.58	254.50	259.77	3.49	ppb
Lead	207-1	265.34	252.25	254.27	257.29	2.74	ppb
Lead	208-1	268.82	252.85	254.42	258.70	3.40	ppb
Lithium	6-1				100		%
Magnesium	24-2	25638.70	25991.84	26192.23	25940.92	1.08	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	501.53	512.27	509.89	507.89	1.11	ppb
Molybdenum	94-1	1360.04	1279.11	1262.68	1300.61	4.01	ppb
Molybdenum	95-1	1359.24	1282.50	1262.78	1301.51	3.92	ppb
Molybdenum	96-1	1358.37	1260.69	1251.77	1290.28	4.58	ppb
Molybdenum	97-1	1368.98	1275.60	1258.42	1301.00	4.57	ppb
Molybdenum	98-1	1348.49	1257.96	1240.78	1282.41	4.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.46	255.72	257.82	255.33	1.06	ppb
Phosphorus	31-2	5154.86	4580.21	4966.18	4900.42	5.98	ppb
Potassium	39-2	12485.01	12723.87	12651.89	12620.26	0.97	ppb
Rhodium	103-1				95		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				88		%
Selenium	77-2	289.36	291.66	184.05	255.02	24.11	ppb
Selenium	78-2	264.25	275.73	257.97	265.98	3.39	ppb
Selenium	82-1	279.99	260.65	255.66	265.43	4.84	ppb
Silicon	28-1	296.39	273.29	275.74	281.81	4.50	ppb
Silver	109-1	294.67	271.29	272.27	279.41	4.73	ppb
Silver	107-1	294.94	272.87	273.07	280.29	4.53	ppb
Sodium	23-2	25717.27	26120.56	25929.40	25922.41	0.78	ppb
Strontium	86-1	269.14	252.39	248.39	256.64	4.29	ppb
Strontium	88-1	271.14	254.39	251.71	259.08	4.06	ppb
Sulfur	34-1	6146.04	5056.70	5047.34	5416.69	11.66	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	268.55	257.07	255.43	260.35	2.74	ppb
Thallium	205-1	268.38	251.32	251.99	257.23	3.76	ppb
Tin	118-1	280.21	263.61	262.59	268.80	3.68	ppb
Titanium	47-1	1388.21	1283.05	1291.68	1320.98	4.42	ppb
Uranium	238-1	259.49	243.76	243.95	249.06	3.62	ppb
Vanadium	51-2	247.80	250.26	250.84	249.63	0.65	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	494.86	511.58	503.02	503.15	1.66	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	272.28	254.20	252.96	259.81	4.16	ppb
Zirconium	91-1	267.91	250.26	246.92	255.03	4.42	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9864.28	10276.70	9821.34	9987.44	2.52	ppb
Antimony	121-1	507.25	509.11	508.89	508.41	0.20	ppb
Arsenic	75-1	500.00	491.93	507.04	499.66	1.51	ppb
Barium	135-1	2534.94	2546.12	2528.10	2536.39	0.36	ppb
Barium	137-1	2549.47	2533.52	2545.29	2542.76	0.33	ppb
Beryllium	9-1	491.81	500.90	514.56	502.43	2.28	ppb
Bismuth	209-1				105		%
Bismuth	209-2				96		%
Boron	10-1	484.09	494.59	526.20	501.62	4.37	ppb
Boron	11-1	483.15	504.88	520.10	502.71	3.69	ppb
Cadmium	111-1	502.47	502.17	509.60	504.75	0.83	ppb
Cadmium	106-1	504.86	503.98	513.67	507.50	1.06	ppb
Cadmium	108-1	513.64	504.61	519.95	512.73	1.50	ppb
Calcium	43-1	49982.23	49269.63	50786.48	50012.78	1.52	ppb
Calcium	44-1	50070.43	48884.71	50011.24	49655.46	1.35	ppb
Chromium	52-2	494.06	520.16	499.25	504.49	2.74	ppb
Cobalt	59-2	489.73	510.62	495.40	498.59	2.17	ppb
Copper	63-2	980.93	1036.44	993.60	1003.66	2.90	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				98		%
Indium	115-1				96		%
Indium	115-2				87		%
Iron	56-2	25538.29	26670.13	25656.51	25954.97	2.40	ppb
Iron	57-2	25469.98	26631.19	25516.72	25872.63	2.54	ppb
Krypton	83-1	-4515.65	-7576.68	2846.22	-3082.04		ppb
Lead	206-1	503.13	501.37	508.38	504.29	0.72	ppb
Lead	207-1	501.75	501.49	516.28	506.51	1.67	ppb
Lead	208-1	500.17	499.98	512.64	504.26	1.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	51836.34	54226.41	52430.77	52831.17	2.36	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	988.55	1035.00	1003.79	1009.11	2.35	ppb
Molybdenum	94-1	2496.60	2444.57	2512.18	2484.45	1.42	ppb
Molybdenum	95-1	2486.96	2486.90	2542.97	2505.61	1.29	ppb
Molybdenum	96-1	2486.93	2472.78	2532.19	2497.30	1.24	ppb
Molybdenum	97-1	2498.96	2457.82	2535.39	2497.39	1.55	ppb
Molybdenum	98-1	2487.12	2474.20	2527.18	2496.17	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	496.54	526.12	501.40	508.02	3.12	ppb
Phosphorus	31-2	9639.14	10393.85	9906.21	9979.73	3.83	ppb
Potassium	39-2	24303.80	25654.18	24712.32	24890.10	2.78	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				91		%
Scandium	45-2				80		%
Selenium	77-2	514.76	459.30	520.64	498.23	6.79	ppb
Selenium	78-2	517.37	484.00	507.68	503.02	3.41	ppb
Selenium	82-1	500.40	503.18	510.54	504.71	1.04	ppb
Silicon	28-1	527.89	514.43	534.48	525.60	1.94	ppb
Silver	109-1	517.46	515.69	522.43	518.53	0.67	ppb
Silver	107-1	514.39	516.14	516.88	515.80	0.25	ppb
Sodium	23-2	51239.55	53379.88	51099.48	51906.30	2.46	ppb
Strontium	86-1	493.35	495.81	506.78	498.65	1.43	ppb
Strontium	88-1	500.00	495.56	509.40	501.65	1.41	ppb
Sulfur	34-1	10221.74	9901.66	10234.01	10119.14	1.86	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	511.58	498.81	512.78	507.72	1.52	ppb
Thallium	205-1	496.92	496.22	505.31	499.48	1.01	ppb
Tin	118-1	507.46	509.25	513.42	510.04	0.60	ppb
Titanium	47-1	2582.74	2507.47	2618.01	2569.41	2.20	ppb
Uranium	238-1	493.23	488.53	500.98	494.25	1.27	ppb
Vanadium	51-2	493.00	518.62	496.15	502.59	2.78	ppb
Yttrium	89-1				96		%
Yttrium	89-2				86		%
Zinc	66-2	998.28	1030.93	997.01	1008.74	1.91	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.07	495.93	509.91	500.64	1.60	ppb
Zirconium	91-1	504.35	500.13	512.11	505.53	1.20	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19910.93	19620.58	19734.99	19755.50	0.74	ppb
Antimony	121-1	989.63	980.18	1000.80	990.21	1.04	ppb
Arsenic	75-1	1000.20	993.99	1004.13	999.44	0.51	ppb
Barium	135-1	4964.37	4880.73	5010.03	4951.71	1.32	ppb
Barium	137-1	4963.28	4861.92	5025.14	4950.11	1.66	ppb
Beryllium	9-1	997.68	975.19	1010.13	994.33	1.78	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	985.33	970.91	1034.50	996.91	3.34	ppb
Boron	11-1	979.62	983.49	1025.55	996.22	2.56	ppb
Cadmium	111-1	989.36	978.14	1007.97	991.82	1.52	ppb
Cadmium	106-1	986.71	983.86	996.67	989.08	0.68	ppb
Cadmium	108-1	982.62	973.89	1004.17	986.89	1.58	ppb
Calcium	43-1	99330.08	98935.93	100693.40	99653.14	0.93	ppb
Calcium	44-1	97457.09	97045.47	98690.25	97730.94	0.88	ppb
Chromium	52-2	1003.98	991.46	985.43	993.62	0.95	ppb
Cobalt	59-2	1011.43	997.57	994.54	1001.18	0.90	ppb
Copper	63-2	2009.96	2001.65	1984.19	1998.60	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				93		%
Indium	115-2				80		%
Iron	56-2	51489.72	50976.62	50874.69	51113.68	0.64	ppb
Iron	57-2	51561.10	50943.39	50703.76	51069.41	0.87	ppb
Krypton	83-1	1360.16	5341.99	4365.35	3689.17	56.25	ppb
Lead	206-1	1002.15	991.39	992.58	995.37	0.59	ppb
Lead	207-1	997.57	986.54	1000.69	994.93	0.75	ppb
Lead	208-1	999.19	989.62	997.71	995.50	0.52	ppb
Lithium	6-1				97		%
Magnesium	24-2	104751.15	102738.07	103951.24	103813.49	0.98	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2004.09	1991.97	1982.75	1992.94	0.54	ppb
Molybdenum	94-1	4972.84	4977.60	5028.78	4993.07	0.62	ppb
Molybdenum	95-1	4996.21	4940.83	5011.01	4982.68	0.74	ppb
Molybdenum	96-1	5002.10	4975.17	4993.54	4990.27	0.28	ppb
Molybdenum	97-1	4980.38	4954.97	5026.99	4987.45	0.73	ppb
Molybdenum	98-1	5002.47	4933.26	5044.74	4993.49	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.84	990.20	993.11	992.38	0.19	ppb
Phosphorus	31-2	20426.61	19526.51	20077.23	20010.12	2.27	ppb
Potassium	39-2	49468.77	48625.65	48602.06	48898.83	1.01	ppb
Rhodium	103-1				90		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				76		%
Selenium	77-2	978.21	971.59	1037.28	995.69	3.63	ppb
Selenium	78-2	1020.67	970.89	988.78	993.45	2.54	ppb
Selenium	82-1	991.51	988.44	1000.39	993.45	0.62	ppb
Silicon	28-1	974.33	966.43	988.15	976.30	1.13	ppb
Silver	109-1	980.27	972.93	992.16	981.78	0.99	ppb
Silver	107-1	977.15	970.83	1000.56	982.85	1.59	ppb
Sodium	23-2	102730.58	102092.98	100653.65	101825.74	1.04	ppb
Strontium	86-1	992.56	999.49	1005.14	999.06	0.63	ppb
Strontium	88-1	989.83	993.22	1006.61	996.55	0.89	ppb
Sulfur	34-1	19697.32	19631.90	20158.15	19829.12	1.45	ppb
Terbium	159-1				105		%
Terbium	159-2				95		%
Thallium	203-1	993.38	990.89	996.77	993.68	0.30	ppb
Thallium	205-1	1006.71	987.81	999.81	998.11	0.96	ppb
Tin	118-1	986.03	981.41	1001.28	989.57	1.05	ppb
Titanium	47-1	4919.74	4936.80	4984.40	4946.98	0.68	ppb
Uranium	238-1	1011.43	994.33	1005.33	1003.70	0.86	ppb
Vanadium	51-2	1005.82	994.50	995.92	998.74	0.62	ppb
Yttrium	89-1				94		%
Yttrium	89-2				82		%
Zinc	66-2	2020.56	1996.16	1966.78	1994.50	1.35	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:33:57	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	990.16	994.88	1005.94	996.99	0.81	ppb
Zirconium	91-1	985.64	996.80	1006.17	996.20	1.03	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99734.77	100353.82	100067.58	100052.06	0.31	ppb
Antimony	121-1	2.85	2.76	2.73	2.78	2.31	ppb
Arsenic	75-1	1.67	1.44	1.57	1.56	7.47	ppb
Barium	135-1	1.52	1.38	1.23	1.38	10.62	ppb
Barium	137-1	1.46	1.34	1.31	1.37	5.56	ppb
Beryllium	9-1	0.61	0.48	0.49	0.53	14.34	ppb
Bismuth	209-1				97		%
Bismuth	209-2				89		%
Boron	10-1	46.32	44.13	43.53	44.66	3.29	ppb
Boron	11-1	46.00	42.39	39.09	42.49	8.14	ppb
Cadmium	111-1	0.17	0.16	0.19	0.17	7.27	ppb
Cadmium	106-1	0.88	-0.28	-0.03	0.19	328.28	ppb
Cadmium	108-1	0.35	0.19	0.26	0.26	30.59	ppb
Calcium	43-1	505231.37	496674.20	498212.90	500039.49	0.91	ppb
Calcium	44-1	505082.07	497717.83	498616.68	500472.19	0.80	ppb
Chromium	52-2	52.87	53.67	53.61	53.38	0.83	ppb
Cobalt	59-2	12.12	12.13	12.28	12.18	0.77	ppb
Copper	63-2	4.65	4.73	4.49	4.63	2.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				87		%
Iron	56-2	248136.33	249524.23	251295.03	249651.86	0.63	ppb
Iron	57-2	247755.27	249016.62	252251.69	249674.53	0.93	ppb
Krypton	83-1	-3948.63	9328.77	-3321.39	686.25	1091.61	ppb
Lead	206-1	1.05	1.07	0.97	1.03	5.17	ppb
Lead	207-1	1.03	0.99	0.99	1.00	2.22	ppb
Lead	208-1	1.02	1.03	0.99	1.01	2.35	ppb
Lithium	6-1				95		%
Magnesium	24-2	497026.23	499843.62	499817.94	498895.93	0.32	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.68	15.97	16.24	15.63	5.32	ppb
Molybdenum	94-1	7.41	7.02	7.34	7.26	2.90	ppb
Molybdenum	95-1	9.66	9.63	9.36	9.55	1.74	ppb
Molybdenum	96-1	9.81	9.80	9.72	9.78	0.50	ppb
Molybdenum	97-1	9.68	8.98	9.35	9.33	3.75	ppb
Molybdenum	98-1	9.92	9.38	8.87	9.39	5.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.74	41.76	42.01	41.84	0.36	ppb
Phosphorus	31-2	6.41	-15.15	-15.15	-7.96		ppb
Potassium	39-2	247999.98	251862.84	250799.35	250220.73	0.80	ppb
Rhodium	103-1				87		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				83		%
Selenium	77-2	0.00	0.00	4.47	1.49	173.21	ppb
Selenium	78-2	0.31	1.06	1.78	1.05	69.85	ppb
Selenium	82-1	0.97	1.51	0.58	1.02	45.54	ppb
Silicon	28-1	25.21	30.58	23.63	26.47	13.76	ppb
Silver	109-1	0.18	0.13	0.13	0.15	19.15	ppb
Silver	107-1	0.15	0.14	0.14	0.15	5.27	ppb
Sodium	23-2	496724.00	498817.74	502634.20	499391.98	0.60	ppb
Strontium	86-1	4.71	5.06	4.56	4.78	5.43	ppb
Strontium	88-1	4.89	4.73	4.78	4.80	1.64	ppb
Sulfur	34-1	-341.40	-410.22	-524.56	-425.39		ppb
Terbium	159-1				103		%
Terbium	159-2				95		%
Thallium	203-1	0.57	0.52	0.49	0.53	8.03	ppb
Thallium	205-1	0.61	0.54	0.50	0.55	10.31	ppb
Tin	118-1	2.46	2.48	2.32	2.42	3.51	ppb
Titanium	47-1	1.72	1.83	1.48	1.68	10.68	ppb
Uranium	238-1	0.18	0.16	0.15	0.16	8.31	ppb
Vanadium	51-2	0.56	0.52	0.44	0.50	12.40	ppb
Yttrium	89-1				94		%
Yttrium	89-2				89		%
Zinc	66-2	14.95	14.64	14.80	14.80	1.02	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.39	0.33	0.38	11.67	ppb
Zirconium	91-1	0.42	0.35	0.27	0.35	22.56	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	470.73	465.55	448.49	461.59	2.52	ppb
Antimony	121-1	201.44	204.73	195.99	200.72	2.20	ppb
Arsenic	75-1	189.20	191.25	189.43	189.96	0.59	ppb
Barium	135-1	100.66	101.42	98.45	100.17	1.54	ppb
Barium	137-1	100.56	102.09	99.97	100.87	1.09	ppb
Beryllium	9-1	99.76	102.58	96.58	99.64	3.01	ppb
Bismuth	209-1				106		%
Bismuth	209-2				100		%
Boron	10-1	468.67	488.87	483.71	480.42	2.18	ppb
Boron	11-1	472.26	500.71	487.08	486.68	2.92	ppb
Cadmium	111-1	102.84	104.00	102.09	102.98	0.94	ppb
Cadmium	106-1	163.05	166.95	161.63	163.88	1.68	ppb
Cadmium	108-1	140.55	137.07	135.42	137.68	1.90	ppb
Calcium	43-1	2035.27	2183.28	2062.98	2093.85	3.76	ppb
Calcium	44-1	2002.20	2041.60	1993.68	2012.49	1.27	ppb
Chromium	52-2	95.22	91.83	94.10	93.72	1.85	ppb
Cobalt	59-2	96.43	94.20	96.19	95.61	1.28	ppb
Copper	63-2	97.92	94.73	97.16	96.60	1.72	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				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	999.94	981.03	995.36	992.11	0.99	ppb
Iron	57-2	994.88	1001.10	1007.23	1001.07	0.62	ppb
Krypton	83-1	1351.56	-8874.26	-2753.12	-3425.27		ppb
Lead	206-1	197.92	197.89	196.04	197.28	0.54	ppb
Lead	207-1	190.95	191.49	189.00	190.48	0.69	ppb
Lead	208-1	195.88	198.17	193.03	195.69	1.32	ppb
Lithium	6-1				101		%
Magnesium	24-2	1182.16	1130.13	1181.34	1164.54	2.56	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.00	91.93	94.21	93.38	1.35	ppb
Molybdenum	94-1	1077.78	1100.66	1078.11	1085.52	1.21	ppb
Molybdenum	95-1	499.06	504.85	501.00	501.64	0.59	ppb
Molybdenum	96-1	570.55	582.60	561.31	571.49	1.87	ppb
Molybdenum	97-1	481.03	489.50	482.56	484.36	0.93	ppb
Molybdenum	98-1	483.77	488.74	486.69	486.40	0.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	98.64	96.34	98.02	97.67	1.22	ppb
Phosphorus	31-2	-15.15	3.85	-15.15	-8.82		ppb
Potassium	39-2	1988.08	1976.04	2054.30	2006.14	2.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				93		%
Selenium	77-2	246.55	168.26	228.53	214.45	19.12	ppb
Selenium	78-2	212.76	200.92	205.66	206.44	2.89	ppb
Selenium	82-1	199.07	201.64	197.91	199.54	0.96	ppb
Silicon	28-1	495.24	500.95	491.66	495.95	0.94	ppb
Silver	109-1	93.18	95.08	92.69	93.65	1.35	ppb
Silver	107-1	93.27	95.38	92.43	93.70	1.62	ppb
Sodium	23-2	1995.01	1915.95	1978.27	1963.08	2.12	ppb
Strontium	86-1	484.01	493.20	486.46	487.89	0.98	ppb
Strontium	88-1	492.26	496.52	487.98	492.25	0.87	ppb
Sulfur	34-1	-792.08	-736.59	-946.57	-825.08		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	203.97	203.16	201.73	202.95	0.56	ppb
Thallium	205-1	201.02	201.08	199.98	200.69	0.31	ppb
Tin	118-1	513.90	521.84	509.35	515.03	1.23	ppb
Titanium	47-1	493.99	496.06	491.19	493.75	0.50	ppb
Uranium	238-1	477.53	474.29	468.55	473.46	0.96	ppb
Vanadium	51-2	96.06	93.09	95.55	94.90	1.68	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	194.64	192.70	192.87	193.40	0.55	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	480.56	488.96	482.25	483.93	0.92	ppb
Zirconium	91-1	483.56	492.45	483.77	486.59	1.04	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.41	17.91	18.01	16.44	15.99	ppb
Antimony	121-1	2.26	2.33	2.30	2.30	1.62	ppb
Arsenic	75-1	0.93	0.86	0.99	0.93	6.94	ppb
Barium	135-1	10.04	10.28	9.43	9.92	4.40	ppb
Barium	137-1	9.64	9.76	9.57	9.66	0.99	ppb
Beryllium	9-1	0.98	1.07	1.12	1.06	6.61	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	40.62	40.59	41.81	41.01	1.70	ppb
Boron	11-1	39.90	38.80	40.99	39.90	2.74	ppb
Cadmium	111-1	0.96	1.03	1.03	1.01	3.86	ppb
Cadmium	106-1	0.75	1.19	1.41	1.11	29.87	ppb
Cadmium	108-1	0.87	0.93	0.87	0.89	3.45	ppb
Calcium	43-1	475.23	464.80	463.11	467.71	1.40	ppb
Calcium	44-1	480.43	475.18	475.07	476.89	0.64	ppb
Chromium	52-2	2.13	2.25	2.20	2.19	2.65	ppb
Cobalt	59-2	0.97	0.98	0.91	0.96	3.87	ppb
Copper	63-2	2.10	2.06	2.02	2.06	2.00	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				105		%
Holmium	165-2				101		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	56.45	57.58	53.70	55.91	3.56	ppb
Iron	57-2	61.93	53.58	46.97	54.16	13.84	ppb
Krypton	83-1	10919.73	3900.13	-6164.27	2885.20	297.63	ppb
Lead	206-1	1.00	0.95	0.98	0.98	2.11	ppb
Lead	207-1	1.00	0.96	0.98	0.98	2.22	ppb
Lead	208-1	0.98	0.96	0.97	0.97	1.00	ppb
Lithium	6-1				104		%
Magnesium	24-2	516.33	509.89	507.65	511.29	0.88	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.25	1.09	1.14	8.73	ppb
Molybdenum	94-1	5.19	5.26	4.85	5.10	4.32	ppb
Molybdenum	95-1	4.95	5.09	5.03	5.02	1.43	ppb
Molybdenum	96-1	5.18	4.96	5.01	5.05	2.29	ppb
Molybdenum	97-1	4.91	4.98	5.10	5.00	1.91	ppb
Molybdenum	98-1	4.78	5.01	4.91	4.90	2.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	1.23	0.99	1.06	14.18	ppb
Phosphorus	31-2	-15.15	-15.15	23.49	-2.27		ppb
Potassium	39-2	513.45	526.27	534.81	524.85	2.05	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	8.33	8.52	12.37	9.74	23.43	ppb
Selenium	78-2	3.69	0.97	5.71	3.46	68.85	ppb
Selenium	82-1	5.22	5.47	4.35	5.02	11.68	ppb
Silicon	28-1	12.29	11.59	11.52	11.80	3.61	ppb
Silver	109-1	1.05	1.06	1.06	1.06	0.45	ppb
Silver	107-1	1.07	1.09	1.09	1.08	1.23	ppb
Sodium	23-2	556.40	557.40	532.70	548.83	2.55	ppb
Strontium	86-1	0.94	0.89	1.09	0.97	10.64	ppb
Strontium	88-1	1.03	1.00	1.00	1.01	1.94	ppb
Sulfur	34-1	-821.23	-928.62	-1038.95	-929.60		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.06	0.99	1.03	1.03	3.50	ppb
Thallium	205-1	1.03	1.00	1.07	1.04	3.37	ppb
Tin	118-1	5.35	5.23	5.10	5.23	2.42	ppb
Titanium	47-1	4.87	4.61	4.88	4.79	3.22	ppb
Uranium	238-1	0.92	0.90	0.91	0.91	1.04	ppb
Vanadium	51-2	4.88	5.08	4.98	4.98	2.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	2.19	2.60	3.00	2.60	15.56	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.12	1.09	1.07	1.10	2.33	ppb
Zirconium	91-1	1.08	1.21	1.12	1.14	5.91	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 15:02:24 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.67	0.55	-1.37	-0.50		ppb
Antimony	121-1	0.13	0.12	0.13	0.13	3.37	ppb
Arsenic	75-1	-0.02	-0.03	-0.04	-0.03		ppb
Barium	135-1	-0.06	-0.07	-0.08	-0.07		ppb
Barium	137-1	-0.07	-0.07	-0.08	-0.07		ppb
Beryllium	9-1	-0.01	0.03	0.02	0.01	155.94	ppb
Bismuth	209-1				106		%
Bismuth	209-2				101		%
Boron	10-1	11.20	11.93	10.04	11.06	8.61	ppb
Boron	11-1	11.29	10.33	10.66	10.76	4.56	ppb
Cadmium	111-1	-0.03	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	0.39	0.28	-0.64	0.01	4408.41	ppb
Cadmium	108-1	-0.10	-0.05	-0.07	-0.07		ppb
Calcium	43-1	4.92	1.61	0.58	2.37	95.84	ppb
Calcium	44-1	3.42	2.57	3.03	3.01	14.14	ppb
Chromium	52-2	-0.03	0.02	0.06	0.01	312.80	ppb
Cobalt	59-2	-0.06	-0.06	-0.06	-0.06		ppb
Copper	63-2	-0.03	-0.03	-0.04	-0.03		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	0.82	1.11	0.93	0.96	15.71	ppb
Iron	57-2	2.16	0.79	1.86	1.60	44.99	ppb
Krypton	83-1	384.67	-8469.92	-18353.74	-8813.00		ppb
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	207-1	0.00	-0.04	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.03	-0.02	-0.02		ppb
Lithium	6-1				103		%
Magnesium	24-2	2.63	6.24	2.27	3.71	59.15	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:02:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.07	-0.04	-0.05		ppb
Molybdenum	94-1	0.12	0.09	0.09	0.10	15.58	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	15.04	ppb
Molybdenum	96-1	0.04	0.08	0.05	0.06	35.74	ppb
Molybdenum	97-1	0.06	0.06	0.04	0.05	19.30	ppb
Molybdenum	98-1	0.05	0.03	0.02	0.03	48.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.13	0.01	0.07	82.80	ppb
Phosphorus	31-2	-15.15	-15.15	4.10	-8.73		ppb
Potassium	39-2	11.36	23.90	7.41	14.22	60.53	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.93	0.94	-0.44	0.48	167.26	ppb
Selenium	82-1	-0.16	-0.52	-1.44	-0.71		ppb
Silicon	28-1	-2.63	-3.11	-2.68	-2.81		ppb
Silver	109-1	0.01	0.01	0.01	0.01	26.51	ppb
Silver	107-1	0.01	0.01	0.01	0.01	24.50	ppb
Sodium	23-2	27.85	21.22	25.30	24.79	13.48	ppb
Strontium	86-1	0.02	0.05	0.00	0.02	120.48	ppb
Strontium	88-1	0.00	0.01	0.01	0.01	25.44	ppb
Sulfur	34-1	-546.30	-756.55	-646.17	-649.68		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.02	0.03	0.02	0.02	10.88	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	8.24	ppb
Tin	118-1	0.16	0.14	0.16	0.16	6.05	ppb
Titanium	47-1	0.07	-0.01	0.05	0.04	111.69	ppb
Uranium	238-1	-0.07	-0.07	-0.06	-0.07		ppb
Vanadium	51-2	-0.05	-0.03	-0.04	-0.04		ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.45	0.42	0.42	0.43	4.29	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:02:24	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.04	0.03	20.15	ppb
Zirconium	91-1	0.01	0.03	0.01	0.02	64.73	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	90238.57	88810.09	89846.89	89631.85	0.82	ppb
Antimony	121-1	1.19	1.19	1.24	1.21	2.54	ppb
Arsenic	75-1	1.34	1.51	1.56	1.47	7.93	ppb
Barium	135-1	1.37	1.37	1.34	1.36	1.15	ppb
Barium	137-1	1.44	1.35	1.39	1.39	3.41	ppb
Beryllium	9-1	0.21	0.31	0.15	0.23	35.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	8.91	9.64	8.85	9.14	4.80	ppb
Boron	11-1	10.20	9.86	9.80	9.96	2.16	ppb
Cadmium	111-1	0.70	0.66	0.75	0.70	6.75	ppb
Cadmium	106-1	0.26	0.08	-0.41	-0.03		ppb
Cadmium	108-1	7.92	8.48	8.14	8.18	3.46	ppb
Calcium	43-1	97109.54	97637.37	94992.97	96579.96	1.45	ppb
Calcium	44-1	96627.66	95056.86	93790.62	95158.38	1.49	ppb
Chromium	52-2	19.31	18.34	19.84	19.16	3.97	ppb
Cobalt	59-2	1.08	1.03	1.12	1.08	4.38	ppb
Copper	63-2	7.44	7.38	7.48	7.43	0.67	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				90		%
Iron	56-2	100549.69	99191.41	100566.81	100102.64	0.79	ppb
Iron	57-2	100563.63	97892.22	100476.99	99644.28	1.52	ppb
Krypton	83-1	2100.65	2697.77	-8153.01	-1118.20		ppb
Lead	206-1	4.85	4.77	4.74	4.78	1.16	ppb
Lead	207-1	4.21	4.11	4.05	4.12	2.00	ppb
Lead	208-1	4.46	4.38	4.34	4.39	1.48	ppb
Lithium	6-1				97		%
Magnesium	24-2	102394.93	100430.00	100749.61	101191.52	1.04	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.39	7.57	7.21	7.39	2.48	ppb
Molybdenum	94-1	1343.13	1343.50	1323.02	1336.55	0.88	ppb
Molybdenum	95-1	1912.70	1912.92	1904.21	1909.94	0.26	ppb
Molybdenum	96-1	1831.72	1839.73	1810.98	1827.47	0.81	ppb
Molybdenum	97-1	1911.44	1916.35	1888.30	1905.36	0.79	ppb
Molybdenum	98-1	1895.04	1896.93	1857.78	1883.25	1.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.28	4.84	5.12	5.08	4.39	ppb
Phosphorus	31-2	101295.42	97148.78	97258.58	98567.59	2.40	ppb
Potassium	39-2	101960.15	99061.30	101691.65	100904.37	1.59	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.30	1.03	0.29	250.18	ppb
Selenium	82-1	0.04	0.17	-0.64	-0.14		ppb
Silicon	28-1	29.82	29.24	27.08	28.71	5.03	ppb
Silver	109-1	0.04	0.05	0.07	0.05	26.71	ppb
Silver	107-1	0.04	0.05	0.06	0.05	18.31	ppb
Sodium	23-2	100384.77	98439.54	99854.21	99559.51	1.01	ppb
Strontium	86-1	32.96	33.14	32.35	32.82	1.27	ppb
Strontium	88-1	33.33	33.46	33.04	33.28	0.65	ppb
Sulfur	34-1	83496.00	81755.56	79964.43	81738.66	2.16	ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.09	0.09	0.12	0.10	14.85	ppb
Thallium	205-1	0.08	0.09	0.11	0.09	13.74	ppb
Tin	118-1	0.30	0.28	0.28	0.28	3.73	ppb
Titanium	47-1	2045.29	2011.89	1956.53	2004.57	2.24	ppb
Uranium	238-1	-0.05	-0.05	-0.06	-0.05		ppb
Vanadium	51-2	0.16	0.10	0.08	0.11	36.47	ppb
Yttrium	89-1				99		%
Yttrium	89-2				90		%
Zinc	66-2	11.86	11.41	11.48	11.58	2.11	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.49	0.41	0.38	0.43	13.33	ppb
Zirconium	91-1	0.44	0.40	0.32	0.39	15.43	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88195.76	86819.91	89815.54	88277.07	1.70	ppb
Antimony	121-1	20.31	21.24	20.73	20.76	2.25	ppb
Arsenic	75-1	19.40	20.22	20.86	20.16	3.64	ppb
Barium	135-1	20.60	21.81	21.55	21.32	2.99	ppb
Barium	137-1	21.16	22.11	21.59	21.62	2.20	ppb
Beryllium	9-1	20.46	20.41	19.86	20.24	1.64	ppb
Bismuth	209-1				105		%
Bismuth	209-2				95		%
Boron	10-1	60.32	59.88	59.64	59.95	0.57	ppb
Boron	11-1	57.02	59.16	59.12	58.43	2.09	ppb
Cadmium	111-1	19.73	20.70	19.94	20.12	2.55	ppb
Cadmium	106-1	15.39	18.29	15.59	16.43	9.88	ppb
Cadmium	108-1	25.09	26.18	25.93	25.73	2.22	ppb
Calcium	43-1	92328.96	96090.39	96126.70	94848.68	2.30	ppb
Calcium	44-1	92036.16	93237.99	95662.18	93645.44	1.97	ppb
Chromium	52-2	41.23	41.03	42.41	41.56	1.78	ppb
Cobalt	59-2	20.05	20.39	21.05	20.50	2.49	ppb
Copper	63-2	26.76	26.49	27.71	26.99	2.36	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				100		%
Indium	115-1				100		%
Indium	115-2				91		%
Iron	56-2	97985.37	97841.28	100380.39	98735.68	1.44	ppb
Iron	57-2	97875.02	96604.60	99420.57	97966.73	1.44	ppb
Krypton	83-1	575.81	-989.15	-3014.53	-1142.62		ppb
Lead	206-1	23.97	25.19	25.50	24.89	3.25	ppb
Lead	207-1	22.15	23.33	22.82	22.77	2.59	ppb
Lead	208-1	22.82	23.90	23.89	23.54	2.63	ppb
Lithium	6-1				97		%
Magnesium	24-2	98715.36	97939.91	100958.73	99204.66	1.58	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	26.75	25.66	27.71	26.71	3.84	ppb
Molybdenum	94-1	1336.92	1353.41	1382.19	1357.51	1.69	ppb
Molybdenum	95-1	1896.37	1944.06	1989.05	1943.16	2.39	ppb
Molybdenum	96-1	1830.21	1859.06	1901.29	1863.52	1.92	ppb
Molybdenum	97-1	1892.38	1935.51	2007.14	1945.01	2.98	ppb
Molybdenum	98-1	1895.75	1934.96	1981.53	1937.41	2.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.17	26.29	26.50	26.32	0.63	ppb
Phosphorus	31-2	98223.13	95820.67	99330.89	97791.56	1.83	ppb
Potassium	39-2	99909.60	97388.39	100046.77	99114.92	1.51	ppb
Rhodium	103-1				96		%
Rhodium	103-2				91		%
Scandium	45-1				96		%
Scandium	45-2				87		%
Selenium	77-2	13.17	17.54	13.38	14.70	16.76	ppb
Selenium	78-2	14.10	15.54	23.20	17.61	27.75	ppb
Selenium	82-1	19.68	19.22	20.17	19.69	2.42	ppb
Silicon	28-1	75.25	77.55	79.46	77.42	2.72	ppb
Silver	109-1	18.67	19.33	19.22	19.07	1.88	ppb
Silver	107-1	18.66	19.58	19.09	19.11	2.40	ppb
Sodium	23-2	97376.79	96758.93	99170.44	97768.72	1.28	ppb
Strontium	86-1	32.02	32.32	33.73	32.69	2.79	ppb
Strontium	88-1	32.14	33.26	33.83	33.07	2.60	ppb
Sulfur	34-1	77540.95	78439.51	81423.41	79134.62	2.57	ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	19.20	20.17	20.36	19.91	3.13	ppb
Thallium	205-1	19.45	20.19	20.68	20.11	3.10	ppb
Tin	118-1	46.78	49.10	48.53	48.14	2.51	ppb
Titanium	47-1	1976.11	1995.65	2072.21	2014.65	2.52	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	19.58	19.68	19.97	19.74	1.04	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	31.50	30.25	31.63	31.13	2.45	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.18	0.20	9.13	ppb
Zirconium	91-1	0.20	0.16	0.16	0.17	11.54	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54365.90	52439.19	51786.51	52863.87	2.54	ppb
Antimony	121-1	514.00	524.24	518.21	518.82	0.99	ppb
Arsenic	75-1	504.64	507.56	499.10	503.77	0.85	ppb
Barium	135-1	2594.41	2642.39	2620.17	2618.99	0.92	ppb
Barium	137-1	2596.66	2625.56	2599.40	2607.21	0.61	ppb
Beryllium	9-1	535.22	541.81	530.97	536.00	1.02	ppb
Bismuth	209-1				102		%
Bismuth	209-2				93		%
Boron	10-1	528.71	551.42	547.11	542.41	2.22	ppb
Boron	11-1	532.80	550.01	547.36	543.39	1.71	ppb
Cadmium	111-1	502.03	512.16	504.07	506.09	1.06	ppb
Cadmium	106-1	509.13	520.73	516.92	515.59	1.15	ppb
Cadmium	108-1	511.94	527.30	507.70	515.65	2.00	ppb
Calcium	43-1	245911.34	251425.03	249058.98	248798.45	1.11	ppb
Calcium	44-1	246676.29	249431.82	247096.33	247734.81	0.60	ppb
Chromium	52-2	548.43	527.49	525.66	533.86	2.37	ppb
Cobalt	59-2	514.84	494.58	489.26	499.56	2.70	ppb
Copper	63-2	1017.41	975.39	956.51	983.10	3.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				99		%
Indium	115-1				96		%
Indium	115-2				88		%
Iron	56-2	132150.22	127452.44	125884.83	128495.83	2.54	ppb
Iron	57-2	134435.74	128843.45	127341.81	130207.00	2.87	ppb
Krypton	83-1	-7881.41	-2016.78	-7512.42	-5803.54		ppb
Lead	206-1	522.92	531.32	531.23	528.49	0.91	ppb
Lead	207-1	519.58	533.09	529.92	527.53	1.34	ppb
Lead	208-1	517.79	530.90	526.82	525.17	1.28	ppb
Lithium	6-1				96		%
Magnesium	24-2	261064.07	251975.53	249714.64	254251.41	2.36	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1051.99	1007.34	1008.37	1022.57	2.49	ppb
Molybdenum	94-1	2572.83	2595.28	2603.53	2590.54	0.61	ppb
Molybdenum	95-1	2570.72	2584.86	2607.79	2587.79	0.72	ppb
Molybdenum	96-1	2559.28	2571.88	2584.75	2571.97	0.50	ppb
Molybdenum	97-1	2574.76	2568.64	2595.69	2579.69	0.55	ppb
Molybdenum	98-1	2583.96	2569.95	2577.91	2577.27	0.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	526.11	507.29	505.15	512.85	2.25	ppb
Phosphorus	31-2	10685.06	10005.25	10129.03	10273.11	3.52	ppb
Potassium	39-2	134080.68	129382.48	127357.01	130273.39	2.65	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				86		%
Selenium	77-2	494.87	541.91	436.36	491.05	10.77	ppb
Selenium	78-2	483.28	544.78	525.97	518.01	6.08	ppb
Selenium	82-1	511.23	514.32	515.13	513.56	0.40	ppb
Silicon	28-1	543.87	550.42	545.37	546.55	0.63	ppb
Silver	109-1	511.89	521.33	514.05	515.76	0.96	ppb
Silver	107-1	511.35	522.25	514.68	516.10	1.08	ppb
Sodium	23-2	261428.13	252886.45	251060.01	255124.87	2.17	ppb
Strontium	86-1	511.89	518.15	515.16	515.07	0.61	ppb
Strontium	88-1	516.65	517.83	518.30	517.59	0.16	ppb
Sulfur	34-1	9564.86	9876.74	9585.52	9675.71	1.80	ppb
Terbium	159-1				106		%
Terbium	159-2				98		%
Thallium	203-1	522.33	530.18	531.41	527.97	0.93	ppb
Thallium	205-1	518.60	528.22	533.29	526.70	1.42	ppb
Tin	118-1	518.22	527.82	518.16	521.40	1.07	ppb
Titanium	47-1	2582.18	2660.46	2598.54	2613.73	1.58	ppb
Uranium	238-1	525.02	529.43	534.26	529.57	0.87	ppb
Vanadium	51-2	532.19	510.46	508.67	517.11	2.53	ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	1007.20	970.06	974.03	983.76	2.07	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.23	522.87	520.54	520.21	0.54	ppb
Zirconium	91-1	516.66	520.82	524.20	520.56	0.72	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.45	-1.63	-0.46	-1.52		ppb
Antimony	121-1	0.22	0.24	0.29	0.25	12.29	ppb
Arsenic	75-1	0.03	0.01	-0.01	0.01	198.91	ppb
Barium	135-1	-0.09	-0.09	-0.08	-0.09		ppb
Barium	137-1	-0.08	-0.07	-0.10	-0.08		ppb
Beryllium	9-1	0.01	-0.01	-0.01	0.00		ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	5.80	6.12	5.34	5.75	6.76	ppb
Boron	11-1	6.20	6.36	5.93	6.16	3.55	ppb
Cadmium	111-1	-0.03	-0.04	-0.04	-0.04		ppb
Cadmium	106-1	-0.25	-0.30	-0.42	-0.32		ppb
Cadmium	108-1	-0.05	0.00	-0.05	-0.03		ppb
Calcium	43-1	2.33	1.64	-0.37	1.20	116.92	ppb
Calcium	44-1	5.76	2.17	2.55	3.49	56.43	ppb
Chromium	52-2	0.05	0.02	-0.03	0.02	249.01	ppb
Cobalt	59-2	-0.08	-0.05	-0.05	-0.06		ppb
Copper	63-2	-0.01	-0.03	0.00	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	1.38	1.53	1.76	1.56	12.05	ppb
Iron	57-2	-0.68	3.32	1.31	1.32	151.72	ppb
Krypton	83-1	218.13	3881.50	8.16	1369.26	159.08	ppb
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.03	-0.02	-0.01	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	9.72	6.06	10.71	8.83	27.75	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	0.00	0.01	-0.04		ppb
Molybdenum	94-1	0.15	0.14	0.13	0.14	6.82	ppb
Molybdenum	95-1	0.15	0.16	0.16	0.16	4.09	ppb
Molybdenum	96-1	0.13	0.10	0.15	0.13	20.41	ppb
Molybdenum	97-1	0.11	0.13	0.17	0.14	19.94	ppb
Molybdenum	98-1	0.16	0.13	0.12	0.14	15.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.09	-0.04	0.03	235.46	ppb
Phosphorus	31-2	-15.15	-15.15	46.32	5.34	664.66	ppb
Potassium	39-2	30.00	42.82	40.68	37.83	18.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	4.30	0.00	0.00	1.43	173.21	ppb
Selenium	78-2	0.27	0.29	0.27	0.27	3.56	ppb
Selenium	82-1	0.01	0.01	-0.15	-0.04		ppb
Silicon	28-1	-2.77	-4.33	-4.02	-3.71		ppb
Silver	109-1	0.01	0.01	0.01	0.01	2.68	ppb
Silver	107-1	0.01	0.02	0.02	0.02	20.49	ppb
Sodium	23-2	52.84	55.64	45.01	51.16	10.77	ppb
Strontium	86-1	0.06	0.04	-0.04	0.02	244.75	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	5233.91	ppb
Sulfur	34-1	-625.26	-1107.64	-943.27	-892.06		ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.05	0.03	0.04	22.35	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	12.53	ppb
Tin	118-1	0.06	0.07	0.07	0.07	10.76	ppb
Titanium	47-1	-0.01	0.02	0.01	0.01	165.29	ppb
Uranium	238-1	-0.08	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	-0.04	-0.04	-0.05	-0.04		ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	0.48	0.40	0.52	0.47	13.06	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.04	0.05	9.38	ppb
Zirconium	91-1	0.05	0.07	0.05	0.06	26.67	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : CRI Instrumnet Name : P8
 Client Sample ID : CRI Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 15:26:19 DataFile Name : 019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.36	19.28	18.85	19.83	6.77	ppb
Antimony	121-1	2.09	2.14	2.09	2.11	1.22	ppb
Arsenic	75-1	0.96	0.88	1.05	0.97	8.61	ppb
Barium	135-1	9.73	10.28	9.98	10.00	2.73	ppb
Barium	137-1	9.78	10.11	10.24	10.04	2.39	ppb
Beryllium	9-1	1.03	0.88	0.95	0.95	8.19	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	25.36	28.23	29.44	27.67	7.58	ppb
Boron	11-1	27.93	27.97	29.15	28.35	2.45	ppb
Cadmium	111-1	0.93	1.07	0.99	1.00	7.26	ppb
Cadmium	106-1	0.07	1.36	0.14	0.52	138.98	ppb
Cadmium	108-1	1.26	1.03	1.08	1.12	11.05	ppb
Calcium	43-1	484.52	479.48	476.56	480.18	0.84	ppb
Calcium	44-1	478.65	482.70	484.57	481.97	0.63	ppb
Chromium	52-2	1.97	2.07	2.18	2.07	5.03	ppb
Cobalt	59-2	0.89	0.92	1.02	0.95	6.88	ppb
Copper	63-2	2.10	2.09	2.16	2.12	1.78	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				104		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	50.84	52.32	56.20	53.12	5.21	ppb
Iron	57-2	52.59	46.30	47.16	48.68	7.01	ppb
Krypton	83-1	208.52	-1977.88	41.89	-575.82		ppb
Lead	206-1	0.93	0.98	1.00	0.97	3.69	ppb
Lead	207-1	0.97	1.01	1.00	0.99	2.06	ppb
Lead	208-1	0.94	0.98	0.99	0.97	2.65	ppb
Lithium	6-1				101		%
Magnesium	24-2	501.02	513.94	542.22	519.06	4.06	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:26:19	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.15	0.98	0.87	1.00	14.13	ppb
Molybdenum	94-1	5.26	5.41	5.09	5.26	3.01	ppb
Molybdenum	95-1	5.12	5.01	4.96	5.03	1.63	ppb
Molybdenum	96-1	4.89	4.94	4.95	4.93	0.62	ppb
Molybdenum	97-1	4.69	4.80	5.17	4.89	5.15	ppb
Molybdenum	98-1	4.84	4.95	4.98	4.92	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.20	0.98	1.16	1.11	10.77	ppb
Phosphorus	31-2	4.45	65.33	5.65	25.14	138.44	ppb
Potassium	39-2	505.27	510.02	517.96	511.09	1.25	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				89		%
Selenium	77-2	8.52	8.63	8.65	8.60	0.85	ppb
Selenium	78-2	4.49	4.56	4.57	4.54	0.93	ppb
Selenium	82-1	4.48	5.21	4.65	4.78	8.02	ppb
Silicon	28-1	11.67	11.58	12.92	12.06	6.23	ppb
Silver	109-1	1.10	1.05	1.03	1.06	3.40	ppb
Silver	107-1	1.06	1.07	1.05	1.06	1.06	ppb
Sodium	23-2	526.00	531.12	556.26	537.79	3.01	ppb
Strontium	86-1	1.02	0.93	1.04	1.00	5.73	ppb
Strontium	88-1	0.97	0.99	1.02	0.99	2.17	ppb
Sulfur	34-1	-776.01	-742.95	-616.83	-711.93		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	0.99	1.05	0.97	1.00	4.24	ppb
Thallium	205-1	0.98	0.99	1.07	1.01	4.67	ppb
Tin	118-1	5.17	5.17	5.15	5.16	0.21	ppb
Titanium	47-1	5.06	4.90	5.17	5.04	2.60	ppb
Uranium	238-1	0.88	0.88	0.91	0.89	1.76	ppb
Vanadium	51-2	4.92	4.84	5.21	4.99	3.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	3.97	3.85	4.11	3.98	3.21	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:26:19	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.16	1.17	1.10	1.14	3.57	ppb
Zirconium	91-1	1.05	1.09	1.18	1.11	6.14	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	1.34	-0.89	0.02	5728.92	ppb
Antimony	121-1	18.96	19.22	19.72	19.30	1.99	ppb
Arsenic	75-1	10.93	10.87	10.91	10.91	0.29	ppb
Barium	135-1	49.94	51.31	50.56	50.60	1.36	ppb
Barium	137-1	51.32	51.28	50.55	51.05	0.85	ppb
Beryllium	9-1	4.00	3.92	3.47	3.80	7.52	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	3.45	2.79	2.58	2.94	15.47	ppb
Boron	11-1	3.30	3.31	3.26	3.29	0.81	ppb
Cadmium	111-1	7.12	7.33	6.99	7.15	2.39	ppb
Cadmium	106-1	5.43	5.80	6.20	5.81	6.67	ppb
Cadmium	108-1	5.92	6.71	5.90	6.18	7.49	ppb
Calcium	43-1	699.47	698.30	720.78	706.18	1.79	ppb
Calcium	44-1	700.09	715.27	699.39	704.92	1.27	ppb
Chromium	52-2	0.23	0.16	0.15	0.18	25.73	ppb
Cobalt	59-2	-0.06	-0.07	-0.07	-0.07		ppb
Copper	63-2	11.84	11.16	11.46	11.49	2.96	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				102		%
Indium	115-1				102		%
Indium	115-2				95		%
Iron	56-2	2.87	2.39	2.59	2.62	9.19	ppb
Iron	57-2	3.00	2.70	1.65	2.45	28.90	ppb
Krypton	83-1	-4980.61	-2730.59	-644.82	-2785.34		ppb
Lead	206-1	6.15	6.01	5.96	6.04	1.58	ppb
Lead	207-1	5.95	5.99	5.70	5.88	2.70	ppb
Lead	208-1	5.95	5.97	5.83	5.92	1.29	ppb
Lithium	6-1				101		%
Magnesium	24-2	8.17	4.37	2.04	4.86	63.63	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.58	14.48	14.49	14.85	4.25	ppb
Molybdenum	94-1	0.06	0.04	0.05	0.05	24.10	ppb
Molybdenum	95-1	0.00	0.00	0.01	0.01	159.69	ppb
Molybdenum	96-1	0.03	0.00	0.02	0.01	110.70	ppb
Molybdenum	97-1	0.00	0.02	-0.02	0.00		ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.43	6.46	7.32	7.07	7.47	ppb
Phosphorus	31-2	-15.15	-15.15	5.05	-8.42		ppb
Potassium	39-2	495.02	492.56	503.64	497.08	1.17	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				95		%
Scandium	45-2				88		%
Selenium	77-2	43.97	25.34	25.64	31.65	33.70	ppb
Selenium	78-2	16.31	25.44	21.50	21.08	21.73	ppb
Selenium	82-1	24.62	25.21	24.39	24.74	1.72	ppb
Silicon	28-1	-4.32	-2.36	-3.18	-3.29		ppb
Silver	109-1	11.80	11.79	11.60	11.73	0.97	ppb
Silver	107-1	11.74	11.87	11.57	11.72	1.30	ppb
Sodium	23-2	812.31	736.55	754.91	767.92	5.15	ppb
Strontium	86-1	0.04	0.04	0.02	0.03	45.26	ppb
Strontium	88-1	0.03	0.03	0.03	0.03	2.92	ppb
Sulfur	34-1	-1387.73	-1050.37	-1465.44	-1301.18		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	4.79	4.99	4.96	4.91	2.20	ppb
Thallium	205-1	4.99	4.99	4.92	4.96	0.80	ppb
Tin	118-1	0.02	0.04	0.03	0.03	25.39	ppb
Titanium	47-1	0.08	-0.01	-0.02	0.01	397.18	ppb
Uranium	238-1	-0.07	-0.07	-0.08	-0.07		ppb
Vanadium	51-2	-0.04	-0.02	-0.02	-0.03		ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	21.49	19.25	19.87	20.20	5.73	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.03	0.04	0.04	10.00	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	47.68	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.18	-1.24	0.36	-0.23		ppb
Antimony	121-1	19.48	19.39	19.66	19.51	0.71	ppb
Arsenic	75-1	10.83	10.62	10.77	10.74	1.00	ppb
Barium	135-1	51.87	49.77	48.73	50.12	3.19	ppb
Barium	137-1	51.30	50.41	51.10	50.94	0.92	ppb
Beryllium	9-1	3.85	4.02	3.67	3.85	4.55	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	3.18	3.44	2.54	3.05	15.09	ppb
Boron	11-1	2.76	2.68	2.49	2.64	5.13	ppb
Cadmium	111-1	7.32	7.12	7.25	7.23	1.43	ppb
Cadmium	106-1	6.15	6.10	6.03	6.09	0.95	ppb
Cadmium	108-1	7.10	6.63	5.84	6.52	9.71	ppb
Calcium	43-1	706.26	698.06	701.57	701.96	0.59	ppb
Calcium	44-1	702.92	698.53	708.47	703.31	0.71	ppb
Chromium	52-2	0.10	0.23	0.14	0.16	40.27	ppb
Cobalt	59-2	-0.07	-0.08	-0.06	-0.07		ppb
Copper	63-2	11.23	11.61	11.69	11.51	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	2.05	2.48	2.22	2.25	9.46	ppb
Iron	57-2	1.17	2.51	2.52	2.07	37.46	ppb
Krypton	83-1	-8293.33	-1876.78	2982.68	-2395.81		ppb
Lead	206-1	6.10	5.98	6.00	6.03	1.12	ppb
Lead	207-1	5.83	5.64	5.80	5.76	1.72	ppb
Lead	208-1	5.93	5.83	5.88	5.88	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	2.24	9.65	5.40	5.76	64.55	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	15.19	14.66	14.97	14.94	1.80	ppb
Molybdenum	94-1	0.04	0.05	0.06	0.05	22.64	ppb
Molybdenum	95-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	432.21	ppb
Molybdenum	97-1	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	98-1	-0.03	-0.02	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	7.18	7.43	7.51	7.37	2.36	ppb
Phosphorus	31-2	4.46	26.12	-15.15	5.14	401.29	ppb
Potassium	39-2	450.07	527.63	501.86	493.19	8.01	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				88		%
Selenium	77-2	25.20	4.21	21.48	16.96	66.03	ppb
Selenium	78-2	24.60	30.96	35.12	30.23	17.52	ppb
Selenium	82-1	25.18	25.58	25.30	25.35	0.82	ppb
Silicon	28-1	-2.66	-3.83	-2.56	-3.02		ppb
Silver	109-1	11.66	11.60	11.52	11.59	0.64	ppb
Silver	107-1	11.76	11.61	11.77	11.72	0.79	ppb
Sodium	23-2	736.87	790.01	787.63	771.50	3.89	ppb
Strontium	86-1	0.02	0.00	0.03	0.02	104.33	ppb
Strontium	88-1	0.03	0.04	0.04	0.03	9.46	ppb
Sulfur	34-1	-1011.45	-1227.05	-1182.76	-1140.42		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	4.85	4.87	5.00	4.91	1.68	ppb
Thallium	205-1	5.01	4.92	5.00	4.98	0.90	ppb
Tin	118-1	0.03	0.03	0.03	0.03	3.03	ppb
Titanium	47-1	0.05	0.03	0.07	0.05	40.14	ppb
Uranium	238-1	-0.08	-0.08	-0.08	-0.08		ppb
Vanadium	51-2	-0.03	-0.03	-0.01	-0.02		ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	20.18	21.27	21.38	20.94	3.15	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.03	0.02	0.02	27.81	ppb
Zirconium	91-1	0.03	0.03	0.05	0.03	43.51	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.56	-0.55	-0.85	-0.65		ppb
Antimony	121-1	3.92	3.93	4.04	3.96	1.65	ppb
Arsenic	75-1	2.24	2.37	2.08	2.23	6.60	ppb
Barium	135-1	9.97	10.11	10.08	10.05	0.76	ppb
Barium	137-1	10.02	10.20	10.04	10.08	0.97	ppb
Beryllium	9-1	0.71	0.69	0.71	0.71	1.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	2.13	2.45	3.01	2.53	17.65	ppb
Boron	11-1	2.74	2.59	2.41	2.58	6.42	ppb
Cadmium	111-1	1.39	1.35	1.45	1.40	3.57	ppb
Cadmium	106-1	1.22	0.67	0.21	0.70	72.61	ppb
Cadmium	108-1	1.18	1.33	1.02	1.18	13.23	ppb
Calcium	43-1	134.75	142.20	138.57	138.50	2.69	ppb
Calcium	44-1	139.89	146.93	136.58	141.13	3.75	ppb
Chromium	52-2	0.03	0.02	0.07	0.04	64.18	ppb
Cobalt	59-2	-0.07	-0.08	-0.06	-0.07		ppb
Copper	63-2	2.35	2.23	2.42	2.33	4.16	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				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.81	1.20	1.34	1.12	24.51	ppb
Iron	57-2	2.33	1.97	1.32	1.87	27.39	ppb
Krypton	83-1	-3174.01	-2535.03	-7041.16	-4250.07		ppb
Lead	206-1	1.20	1.17	1.15	1.17	1.83	ppb
Lead	207-1	1.11	1.16	1.16	1.14	2.71	ppb
Lead	208-1	1.14	1.15	1.15	1.15	0.61	ppb
Lithium	6-1				102		%
Magnesium	24-2	0.88	1.52	0.46	0.95	55.98	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.19	2.79	3.50	3.16	11.31	ppb
Molybdenum	94-1	0.03	0.02	0.03	0.03	17.99	ppb
Molybdenum	95-1	-0.03	-0.02	0.00	-0.02		ppb
Molybdenum	96-1	0.00	0.00	-0.01	0.00		ppb
Molybdenum	97-1	-0.04	-0.02	-0.05	-0.04		ppb
Molybdenum	98-1	-0.04	-0.03	-0.02	-0.03		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.44	1.27	1.44	1.39	6.94	ppb
Phosphorus	31-2	4.61	-15.15	-15.15	-8.56		ppb
Potassium	39-2	96.50	79.05	109.36	94.97	16.02	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	8.77	2.92	173.21	ppb
Selenium	78-2	5.73	5.12	6.82	5.89	14.65	ppb
Selenium	82-1	4.69	4.46	4.40	4.52	3.30	ppb
Silicon	28-1	-4.17	-3.70	-4.96	-4.28		ppb
Silver	109-1	2.36	2.35	2.35	2.35	0.21	ppb
Silver	107-1	2.34	2.44	2.29	2.36	3.19	ppb
Sodium	23-2	154.44	166.32	187.02	169.26	9.74	ppb
Strontium	86-1	0.01	0.00	0.04	0.01	127.29	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	36.07	ppb
Sulfur	34-1	-1068.87	-1067.00	-1192.76	-1109.54		ppb
Terbium	159-1				106		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.94	1.01	0.97	3.16	ppb
Thallium	205-1	1.00	0.99	0.99	0.99	0.61	ppb
Tin	118-1	0.02	0.02	0.01	0.02	24.94	ppb
Titanium	47-1	0.05	0.04	0.08	0.06	33.37	ppb
Uranium	238-1	-0.07	-0.08	-0.07	-0.07		ppb
Vanadium	51-2	-0.02	-0.05	-0.05	-0.04		ppb
Yttrium	89-1				101		%
Yttrium	89-2				95		%
Zinc	66-2	4.34	4.24	4.06	4.21	3.36	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.03	0.02	0.02	33.59	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	38.78	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1814.38	1704.18	1819.64	1779.40	3.66	ppb
Antimony	121-1	112.01	112.76	114.46	113.08	1.11	ppb
Arsenic	75-1	48.03	47.28	47.53	47.61	0.80	ppb
Barium	135-1	1974.19	2003.41	2008.29	1995.30	0.92	ppb
Barium	137-1	1969.95	1979.33	2001.99	1983.76	0.83	ppb
Beryllium	9-1	52.07	51.64	52.51	52.07	0.83	ppb
Bismuth	209-1				109		%
Bismuth	209-2				102		%
Boron	10-1	3.46	3.21	1.83	2.83	31.00	ppb
Boron	11-1	2.80	2.83	3.10	2.91	5.65	ppb
Cadmium	111-1	55.57	56.25	56.23	56.02	0.69	ppb
Cadmium	106-1	51.08	48.78	48.25	49.37	3.05	ppb
Cadmium	108-1	50.78	51.49	52.78	51.68	1.96	ppb
Calcium	43-1	665.71	683.78	667.52	672.34	1.48	ppb
Calcium	44-1	684.92	699.14	694.81	692.95	1.05	ppb
Chromium	52-2	192.79	185.23	189.73	189.25	2.01	ppb
Cobalt	59-2	491.70	474.32	482.48	482.83	1.80	ppb
Copper	63-2	259.36	249.02	253.03	253.80	2.05	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				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	998.41	968.35	981.97	982.91	1.53	ppb
Iron	57-2	954.99	924.98	974.28	951.42	2.61	ppb
Krypton	83-1	385.26	-692.59	18.23	-96.37		ppb
Lead	206-1	24.55	24.58	25.19	24.77	1.46	ppb
Lead	207-1	24.18	24.39	25.22	24.60	2.25	ppb
Lead	208-1	24.23	24.49	24.90	24.54	1.38	ppb
Lithium	6-1				102		%
Magnesium	24-2	6.67	0.84	1.99	3.17	97.48	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	499.94	476.90	488.57	488.47	2.36	ppb
Molybdenum	94-1	0.10	0.14	0.10	0.12	21.75	ppb
Molybdenum	95-1	0.04	0.04	0.06	0.05	32.11	ppb
Molybdenum	96-1	0.08	0.10	0.07	0.08	17.51	ppb
Molybdenum	97-1	-0.01	0.02	0.07	0.02	173.30	ppb
Molybdenum	98-1	0.03	0.05	0.05	0.04	23.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.16	484.89	496.91	496.32	2.25	ppb
Phosphorus	31-2	5.21	-15.15	4.96	-1.66		ppb
Potassium	39-2	500.43	437.68	465.97	468.03	6.72	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				89		%
Selenium	77-2	155.80	104.52	140.52	133.61	19.70	ppb
Selenium	78-2	124.40	125.59	160.38	136.79	14.94	ppb
Selenium	82-1	128.76	132.63	131.95	131.11	1.57	ppb
Silicon	28-1	-2.53	-1.88	-3.07	-2.49		ppb
Silver	109-1	58.96	59.35	59.90	59.40	0.79	ppb
Silver	107-1	58.45	59.07	59.39	58.97	0.81	ppb
Sodium	23-2	777.04	742.50	760.06	759.87	2.27	ppb
Strontium	86-1	0.06	0.08	0.03	0.06	42.64	ppb
Strontium	88-1	0.08	0.09	0.08	0.08	7.08	ppb
Sulfur	34-1	-1341.27	-1283.18	-1453.60	-1359.35		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	50.59	50.64	51.86	51.03	1.41	ppb
Thallium	205-1	51.17	51.31	52.12	51.53	1.00	ppb
Tin	118-1	0.03	0.04	0.01	0.03	57.95	ppb
Titanium	47-1	0.05	0.06	0.04	0.05	24.27	ppb
Uranium	238-1	-0.08	-0.08	-0.07	-0.07		ppb
Vanadium	51-2	480.87	463.72	475.35	473.31	1.85	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	506.73	491.69	496.46	498.29	1.54	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.08	0.06	14.37	ppb
Zirconium	91-1	0.08	0.08	0.11	0.09	18.23	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	216.54	228.28	242.07	228.96	5.58	ppb
Antimony	121-1	5.56	5.48	6.49	5.84	9.63	ppb
Arsenic	75-1	8.85	9.21	10.03	9.36	6.50	ppb
Barium	135-1	40.96	39.67	46.98	42.54	9.17	ppb
Barium	137-1	40.17	40.28	46.51	42.32	8.57	ppb
Beryllium	9-1	3.49	3.50	3.56	3.52	1.06	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	3.75	5.02	6.53	5.10	27.35	ppb
Boron	11-1	4.95	5.07	5.83	5.29	9.01	ppb
Cadmium	111-1	3.44	3.56	4.10	3.70	9.54	ppb
Cadmium	106-1	2.87	2.96	2.74	2.86	3.79	ppb
Cadmium	108-1	2.75	3.30	3.71	3.25	14.86	ppb
Calcium	43-1	223.95	229.40	267.82	240.39	9.95	ppb
Calcium	44-1	239.96	230.65	267.08	245.90	7.70	ppb
Chromium	52-2	7.60	7.51	8.06	7.72	3.81	ppb
Cobalt	59-2	5.53	5.61	5.79	5.65	2.39	ppb
Copper	63-2	7.53	7.93	8.09	7.85	3.71	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				102		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	162.17	165.32	168.20	165.23	1.83	ppb
Iron	57-2	180.70	155.82	163.39	166.63	7.65	ppb
Krypton	83-1	-1815.40	7103.09	-9084.86	-1265.72		ppb
Lead	206-1	6.00	5.99	6.94	6.31	8.61	ppb
Lead	207-1	5.81	5.73	6.58	6.04	7.83	ppb
Lead	208-1	5.97	5.88	6.75	6.20	7.65	ppb
Lithium	6-1				100		%
Magnesium	24-2	84.98	68.94	75.34	76.42	10.57	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.46	6.92	6.93	6.77	4.01	ppb
Molybdenum	94-1	0.79	0.77	0.84	0.80	5.02	ppb
Molybdenum	95-1	0.01	0.00	0.02	0.01	83.10	ppb
Molybdenum	96-1	0.12	0.11	0.15	0.12	15.42	ppb
Molybdenum	97-1	-0.01	0.02	0.00	0.01	346.04	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	154.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.66	5.82	6.38	5.96	6.38	ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	87.25	91.14	100.54	92.98	7.35	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				92		%
Scandium	45-2				86		%
Selenium	77-2	0.00	21.81	21.95	14.59	86.60	ppb
Selenium	78-2	18.95	23.39	14.10	18.81	24.70	ppb
Selenium	82-1	17.25	18.37	19.79	18.47	6.89	ppb
Silicon	28-1	244.16	237.93	277.52	253.20	8.41	ppb
Silver	109-1	3.71	3.65	4.36	3.90	10.05	ppb
Silver	107-1	3.78	3.78	4.41	3.99	9.11	ppb
Sodium	23-2	105.60	101.39	106.60	104.53	2.64	ppb
Strontium	86-1	2.03	2.09	2.51	2.21	11.89	ppb
Strontium	88-1	2.08	2.11	2.35	2.18	6.87	ppb
Sulfur	34-1	-1162.77	-1498.52	-53.05	-904.78		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	3.09	3.16	3.61	3.28	8.59	ppb
Thallium	205-1	3.20	3.11	3.62	3.31	8.21	ppb
Tin	118-1	0.21	0.16	0.24	0.20	20.45	ppb
Titanium	47-1	2.31	2.25	2.76	2.44	11.41	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	17.14	17.89	18.05	17.69	2.73	ppb
Yttrium	89-1				96		%
Yttrium	89-2				92		%
Zinc	66-2	19.93	21.55	21.50	20.99	4.38	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.51	0.53	0.51	4.74	ppb
Zirconium	91-1	0.48	0.45	0.56	0.50	11.37	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	252.10	230.85	208.03	230.33	9.57	ppb
Antimony	121-1	5.43	5.34	5.57	5.45	2.10	ppb
Arsenic	75-1	9.00	9.34	9.42	9.25	2.42	ppb
Barium	135-1	39.09	40.27	40.22	39.86	1.68	ppb
Barium	137-1	39.94	40.22	41.22	40.46	1.66	ppb
Beryllium	9-1	3.37	3.43	3.39	3.40	0.87	ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	4.43	4.53	5.75	4.90	14.96	ppb
Boron	11-1	5.11	4.63	4.74	4.83	5.15	ppb
Cadmium	111-1	3.60	3.50	3.53	3.54	1.41	ppb
Cadmium	106-1	2.79	3.32	3.61	3.24	12.83	ppb
Cadmium	108-1	2.95	3.47	2.90	3.11	10.15	ppb
Calcium	43-1	251.94	216.71	238.69	235.78	7.55	ppb
Calcium	44-1	235.15	234.10	236.50	235.25	0.51	ppb
Chromium	52-2	8.24	7.98	7.96	8.06	1.96	ppb
Cobalt	59-2	5.96	5.80	5.80	5.85	1.51	ppb
Copper	63-2	8.32	7.85	7.72	7.96	4.00	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				105		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				93		%
Iron	56-2	169.87	163.29	160.22	164.46	3.00	ppb
Iron	57-2	158.21	163.92	155.05	159.06	2.83	ppb
Krypton	83-1	-2458.36	-289.07	4397.53	550.03	637.08	ppb
Lead	206-1	6.02	6.12	5.96	6.03	1.28	ppb
Lead	207-1	5.82	5.81	5.91	5.85	0.89	ppb
Lead	208-1	5.89	5.96	5.93	5.93	0.56	ppb
Lithium	6-1				103		%
Magnesium	24-2	83.00	74.35	68.76	75.37	9.52	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.31	6.60	6.74	6.88	5.43	ppb
Molybdenum	94-1	0.72	0.85	0.75	0.77	9.25	ppb
Molybdenum	95-1	0.01	0.01	0.03	0.02	37.62	ppb
Molybdenum	96-1	0.11	0.11	0.08	0.10	15.60	ppb
Molybdenum	97-1	-0.01	-0.01	0.01	0.00		ppb
Molybdenum	98-1	0.01	0.00	-0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.31	5.93	6.29	6.17	3.47	ppb
Phosphorus	31-2	-15.15	-15.15	26.57	-1.25		ppb
Potassium	39-2	97.20	76.78	79.10	84.36	13.26	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	13.33	13.21	13.26	13.27	0.43	ppb
Selenium	78-2	16.48	24.36	19.33	20.06	19.90	ppb
Selenium	82-1	17.60	17.73	18.18	17.84	1.70	ppb
Silicon	28-1	240.94	240.62	243.47	241.68	0.64	ppb
Silver	109-1	3.81	3.82	3.91	3.85	1.34	ppb
Silver	107-1	3.73	3.84	3.92	3.83	2.43	ppb
Sodium	23-2	106.48	107.18	105.44	106.36	0.82	ppb
Strontium	86-1	2.22	1.98	2.00	2.07	6.40	ppb
Strontium	88-1	2.07	2.08	2.07	2.08	0.25	ppb
Sulfur	34-1	-1365.10	-1445.99	-1398.88	-1403.32		ppb
Terbium	159-1				106		%
Terbium	159-2				99		%
Thallium	203-1	3.24	3.21	3.14	3.20	1.67	ppb
Thallium	205-1	3.19	3.24	3.19	3.21	0.88	ppb
Tin	118-1	0.19	0.23	0.21	0.21	8.97	ppb
Titanium	47-1	2.26	2.35	2.03	2.21	7.26	ppb
Uranium	238-1	-0.04	-0.04	-0.05	-0.04		ppb
Vanadium	51-2	18.01	17.54	17.68	17.74	1.37	ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	23.24	22.80	20.85	22.30	5.71	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.54	0.49	0.52	0.52	4.34	ppb
Zirconium	91-1	0.51	0.44	0.54	0.50	11.13	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.93	41.02	44.21	43.38	4.80	ppb
Antimony	121-1	1.05	1.12	1.14	1.10	4.49	ppb
Arsenic	75-1	2.14	2.02	2.04	2.07	3.12	ppb
Barium	135-1	8.07	7.50	8.20	7.92	4.68	ppb
Barium	137-1	8.06	7.92	8.25	8.08	2.03	ppb
Beryllium	9-1	0.59	0.59	0.68	0.62	8.69	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	1.98	2.22	2.03	2.08	6.13	ppb
Boron	11-1	2.29	2.29	2.15	2.24	3.68	ppb
Cadmium	111-1	0.64	0.67	0.71	0.67	4.88	ppb
Cadmium	106-1	0.05	-0.10	0.69	0.22	194.14	ppb
Cadmium	108-1	0.65	0.45	0.62	0.57	19.17	ppb
Calcium	43-1	44.48	55.03	41.20	46.90	15.40	ppb
Calcium	44-1	45.86	45.74	47.55	46.38	2.18	ppb
Chromium	52-2	1.46	1.59	1.50	1.52	4.26	ppb
Cobalt	59-2	0.99	1.02	1.01	1.01	1.61	ppb
Copper	63-2	1.57	1.57	1.62	1.59	1.80	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	32.48	32.81	32.60	32.63	0.53	ppb
Iron	57-2	28.96	38.03	36.53	34.51	14.09	ppb
Krypton	83-1	-420.85	12708.21	-5107.05	2393.44	385.85	ppb
Lead	206-1	1.19	1.23	1.28	1.23	3.39	ppb
Lead	207-1	1.20	1.15	1.25	1.20	4.29	ppb
Lead	208-1	1.22	1.20	1.22	1.21	1.13	ppb
Lithium	6-1				101		%
Magnesium	24-2	14.82	18.15	17.31	16.76	10.31	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.34	1.63	1.28	1.41	13.17	ppb
Molybdenum	94-1	0.10	0.11	0.12	0.11	9.13	ppb
Molybdenum	95-1	-0.03	-0.04	-0.03	-0.03		ppb
Molybdenum	96-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	-0.03	-0.05	-0.03	-0.04		ppb
Molybdenum	98-1	-0.04	-0.03	-0.03	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.20	1.01	1.14	9.47	ppb
Phosphorus	31-2	-15.15	5.88	-15.15	-8.14		ppb
Potassium	39-2	7.32	11.07	22.38	13.59	57.69	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	4.37	8.71	0.00	4.36	99.89	ppb
Selenium	78-2	5.35	3.16	1.71	3.41	53.71	ppb
Selenium	82-1	3.50	4.33	3.09	3.64	17.32	ppb
Silicon	28-1	45.81	44.14	45.19	45.04	1.88	ppb
Silver	109-1	0.76	0.74	0.82	0.77	5.01	ppb
Silver	107-1	0.77	0.79	0.76	0.77	2.26	ppb
Sodium	23-2	29.28	36.51	34.37	33.39	11.12	ppb
Strontium	86-1	0.33	0.39	0.35	0.36	7.81	ppb
Strontium	88-1	0.41	0.43	0.40	0.41	4.40	ppb
Sulfur	34-1	-1302.32	-1490.38	-1395.13	-1395.95		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	0.63	0.60	0.59	0.61	3.69	ppb
Thallium	205-1	0.60	0.62	0.64	0.62	3.08	ppb
Tin	118-1	0.04	0.06	0.07	0.05	27.20	ppb
Titanium	47-1	0.44	0.46	0.39	0.43	8.44	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	3.62	3.31	3.22	3.38	6.25	ppb
Yttrium	89-1				100		%
Yttrium	89-2				92		%
Zinc	66-2	4.28	4.55	4.62	4.48	3.92	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.12	0.10	0.12	15.37	ppb
Zirconium	91-1	0.09	0.13	0.13	0.12	19.18	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	602.28	602.25	610.19	604.91	0.76	ppb
Antimony	121-1	23.60	23.73	24.04	23.79	0.96	ppb
Arsenic	75-1	16.55	16.68	17.47	16.90	2.94	ppb
Barium	135-1	424.58	422.34	424.81	423.91	0.32	ppb
Barium	137-1	434.72	437.46	437.60	436.59	0.37	ppb
Beryllium	9-1	12.25	12.17	12.22	12.21	0.32	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	3.75	3.39	3.26	3.47	7.28	ppb
Boron	11-1	4.30	3.94	4.26	4.17	4.65	ppb
Cadmium	111-1	13.26	13.55	13.24	13.35	1.32	ppb
Cadmium	106-1	11.15	9.58	10.15	10.30	7.72	ppb
Cadmium	108-1	12.81	11.69	12.47	12.32	4.69	ppb
Calcium	43-1	256.49	248.42	256.76	253.89	1.87	ppb
Calcium	44-1	256.20	249.39	257.39	254.33	1.70	ppb
Chromium	52-2	46.66	47.60	47.45	47.23	1.07	ppb
Cobalt	59-2	105.54	105.76	105.62	105.64	0.11	ppb
Copper	63-2	58.72	59.12	58.57	58.80	0.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	378.38	382.62	383.36	381.45	0.70	ppb
Iron	57-2	377.31	371.98	385.92	378.40	1.86	ppb
Krypton	83-1	-1227.22	1852.84	-3707.45	-1027.27		ppb
Lead	206-1	9.87	9.48	9.76	9.71	2.06	ppb
Lead	207-1	9.70	9.40	9.53	9.54	1.59	ppb
Lead	208-1	9.67	9.47	9.59	9.58	1.06	ppb
Lithium	6-1				104		%
Magnesium	24-2	78.68	78.11	87.35	81.38	6.36	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.92	107.77	106.54	106.41	1.34	ppb
Molybdenum	94-1	0.88	0.85	0.83	0.85	2.88	ppb
Molybdenum	95-1	0.09	0.08	0.10	0.09	13.20	ppb
Molybdenum	96-1	0.19	0.18	0.18	0.18	1.93	ppb
Molybdenum	97-1	0.18	0.10	0.12	0.13	31.56	ppb
Molybdenum	98-1	0.09	0.10	0.08	0.09	11.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	106.29	108.96	106.38	107.21	1.41	ppb
Phosphorus	31-2	6.00	-15.15	-15.15	-8.10		ppb
Potassium	39-2	104.01	78.69	95.46	92.72	13.89	ppb
Rhodium	103-1				101		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				84		%
Selenium	77-2	66.58	35.14	40.38	47.37	35.56	ppb
Selenium	78-2	44.41	35.21	36.72	38.78	12.73	ppb
Selenium	82-1	38.26	38.63	39.31	38.73	1.38	ppb
Silicon	28-1	248.02	254.06	259.99	254.02	2.36	ppb
Silver	109-1	13.11	13.17	13.21	13.16	0.40	ppb
Silver	107-1	13.19	13.13	13.37	13.23	0.95	ppb
Sodium	23-2	100.14	95.55	92.60	96.10	3.95	ppb
Strontium	86-1	2.20	2.13	2.19	2.17	1.59	ppb
Strontium	88-1	2.15	2.15	2.10	2.13	1.32	ppb
Sulfur	34-1	-1788.12	-1704.80	-1584.45	-1692.46		ppb
Terbium	159-1				107		%
Terbium	159-2				101		%
Thallium	203-1	12.46	12.54	12.69	12.56	0.90	ppb
Thallium	205-1	12.68	12.53	12.69	12.63	0.73	ppb
Tin	118-1	0.21	0.20	0.23	0.21	5.95	ppb
Titanium	47-1	2.31	2.67	2.36	2.45	8.07	ppb
Uranium	238-1	-0.04	-0.04	-0.04	-0.04		ppb
Vanadium	51-2	113.61	116.75	115.00	115.12	1.36	ppb
Yttrium	89-1				101		%
Yttrium	89-2				90		%
Zinc	66-2	122.14	126.26	125.88	124.76	1.82	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.53	0.53	0.51	0.53	2.05	ppb
Zirconium	91-1	0.53	0.52	0.45	0.50	8.72	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.82	0.38	0.35	-0.03		ppb
Antimony	121-1	0.12	0.12	0.10	0.11	9.13	ppb
Arsenic	75-1	0.21	0.21	0.12	0.18	27.41	ppb
Barium	135-1	-0.07	-0.07	-0.08	-0.07		ppb
Barium	137-1	-0.08	-0.09	-0.09	-0.08		ppb
Beryllium	9-1	-0.08	-0.08	-0.10	-0.09		ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	1.80	1.27	1.93	1.67	20.80	ppb
Boron	11-1	1.35	1.15	1.65	1.39	18.14	ppb
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Cadmium	106-1	0.07	-0.96	-0.45	-0.45		ppb
Cadmium	108-1	-0.10	-0.10	-0.10	-0.10		ppb
Calcium	43-1	0.91	-3.98	-2.25	-1.78		ppb
Calcium	44-1	-0.75	-0.34	-1.49	-0.86		ppb
Chromium	52-2	0.09	-0.02	-0.02	0.02	328.36	ppb
Cobalt	59-2	-0.07	-0.08	-0.07	-0.07		ppb
Copper	63-2	0.07	0.07	0.04	0.06	31.31	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				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.22	0.15	0.16	0.18	21.71	ppb
Iron	57-2	1.76	1.75	0.93	1.48	32.14	ppb
Krypton	83-1	6484.60	3899.16	-5726.29	1552.49	414.48	ppb
Lead	206-1	0.00	0.01	0.00	0.01	108.98	ppb
Lead	207-1	0.02	0.01	0.00	0.01	96.59	ppb
Lead	208-1	0.01	0.02	0.01	0.01	30.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	2.77	-0.34	1.40	1.27	122.54	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.06	0.00	0.03	85.83	ppb
Molybdenum	94-1	0.00	0.04	-0.01	0.01	277.42	ppb
Molybdenum	95-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.01	-0.04	-0.03	-0.03		ppb
Molybdenum	97-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	98-1	-0.05	-0.06	-0.05	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.09	-0.16	-0.19	-0.15		ppb
Phosphorus	31-2	-15.15	5.61	-15.15	-8.23		ppb
Potassium	39-2	-12.85	-3.01	-10.98	-8.95		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.27	0.27	-0.44	0.03	1279.49	ppb
Selenium	82-1	0.15	0.01	-0.52	-0.12		ppb
Silicon	28-1	-5.21	-4.75	-6.10	-5.35		ppb
Silver	109-1	0.04	0.04	0.05	0.04	20.88	ppb
Silver	107-1	0.03	0.05	0.03	0.04	24.63	ppb
Sodium	23-2	-0.30	3.57	8.55	3.94	112.65	ppb
Strontium	86-1	0.01	0.05	0.02	0.02	93.96	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	63.18	ppb
Sulfur	34-1	-1512.66	-1562.65	-1565.49	-1546.93		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.02	-0.03	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.03	0.12	0.00	0.05	126.80	ppb
Titanium	47-1	-0.01	0.02	0.03	0.01	136.71	ppb
Uranium	238-1	-0.08	-0.08	-0.08	-0.08		ppb
Vanadium	51-2	-0.04	-0.04	-0.04	-0.04		ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	0.08	0.14	0.14	0.12	29.62	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.01	0.02	32.03	ppb
Zirconium	91-1	0.05	0.03	0.00	0.03	90.77	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : PB113523BS Instrumnet Name : P8
 Client Sample ID : PB113523BS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 16:25:06 DataFile Name : 035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	44.57	47.61	33.67	41.95	17.47	ppb
Antimony	121-1	3.94	4.12	4.08	4.05	2.39	ppb
Arsenic	75-1	2.00	2.07	2.11	2.06	2.54	ppb
Barium	135-1	20.24	20.40	20.17	20.27	0.60	ppb
Barium	137-1	19.99	20.30	20.16	20.15	0.76	ppb
Beryllium	9-1	1.85	1.92	1.75	1.84	4.79	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	43.93	45.37	46.28	45.19	2.62	ppb
Boron	11-1	44.20	46.21	45.03	45.15	2.24	ppb
Cadmium	111-1	2.02	2.03	2.02	2.02	0.42	ppb
Cadmium	106-1	1.37	1.72	2.87	1.99	39.39	ppb
Cadmium	108-1	2.18	2.05	2.00	2.08	4.47	ppb
Calcium	43-1	951.77	928.86	954.97	945.20	1.51	ppb
Calcium	44-1	951.54	957.27	955.82	954.88	0.31	ppb
Chromium	52-2	4.58	4.59	4.24	4.47	4.40	ppb
Cobalt	59-2	2.14	2.08	2.00	2.07	3.29	ppb
Copper	63-2	4.41	4.28	4.32	4.33	1.57	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				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	372.13	364.90	367.98	368.34	0.99	ppb
Iron	57-2	387.32	342.99	363.50	364.60	6.09	ppb
Krypton	83-1	5255.39	-1828.31	2686.50	2037.86	175.97	ppb
Lead	206-1	1.96	2.02	2.10	2.03	3.30	ppb
Lead	207-1	1.95	2.06	2.06	2.03	3.03	ppb
Lead	208-1	2.00	2.04	2.05	2.03	1.38	ppb
Lithium	6-1				101		%
Magnesium	24-2	1063.82	1040.60	1077.75	1060.73	1.77	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:25:06	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.16	2.33	1.67	2.06	16.61	ppb
Molybdenum	94-1	10.48	9.84	9.94	10.09	3.45	ppb
Molybdenum	95-1	9.95	9.72	10.14	9.94	2.13	ppb
Molybdenum	96-1	9.76	9.69	9.96	9.80	1.46	ppb
Molybdenum	97-1	9.78	9.92	9.72	9.81	1.03	ppb
Molybdenum	98-1	9.81	9.63	10.00	9.82	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.24	2.27	2.07	2.19	4.95	ppb
Phosphorus	31-2	27.21	26.03	5.63	19.62	61.83	ppb
Potassium	39-2	1027.17	988.69	988.47	1001.45	2.22	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				86		%
Selenium	77-2	4.33	12.92	4.28	7.18	69.29	ppb
Selenium	78-2	7.45	11.68	8.08	9.07	25.18	ppb
Selenium	82-1	10.20	9.89	10.27	10.12	2.02	ppb
Silicon	28-1	25.86	25.43	25.90	25.73	1.01	ppb
Silver	109-1	2.22	2.03	2.18	2.14	4.62	ppb
Silver	107-1	2.22	2.21	2.19	2.21	0.80	ppb
Sodium	23-2	1055.90	1021.38	1018.01	1031.76	2.03	ppb
Strontium	86-1	2.03	2.02	1.90	1.98	3.76	ppb
Strontium	88-1	2.00	2.00	2.08	2.03	2.32	ppb
Sulfur	34-1	-1337.97	-1313.06	-1288.80	-1313.27		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	1.91	1.94	1.96	1.94	1.41	ppb
Thallium	205-1	1.97	1.98	2.01	1.99	1.18	ppb
Tin	118-1	10.05	10.00	10.20	10.09	1.01	ppb
Titanium	47-1	10.09	9.76	9.67	9.84	2.24	ppb
Uranium	238-1	1.86	1.88	1.94	1.89	2.00	ppb
Vanadium	51-2	10.48	10.00	10.07	10.19	2.52	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	4.96	4.45	4.82	4.74	5.60	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:25:06	DataFile Name :	035LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.04	2.08	2.08	2.07	1.01	ppb
Zirconium	91-1	1.97	2.14	1.99	2.03	4.55	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.64	0.83	0.33	-0.16		ppb
Antimony	121-1	0.05	0.04	0.04	0.04	15.27	ppb
Arsenic	75-1	0.08	0.05	0.04	0.06	35.84	ppb
Barium	135-1	-0.09	-0.10	-0.08	-0.09		ppb
Barium	137-1	-0.09	-0.08	-0.09	-0.09		ppb
Beryllium	9-1	-0.09	-0.09	-0.10	-0.09		ppb
Bismuth	209-1				108		%
Bismuth	209-2				102		%
Boron	10-1	3.41	2.82	2.50	2.91	15.82	ppb
Boron	11-1	3.68	2.57	2.53	2.93	22.33	ppb
Cadmium	111-1	-0.03	-0.03	-0.03	-0.03		ppb
Cadmium	106-1	-0.50	-0.05	0.19	-0.12		ppb
Cadmium	108-1	0.00	-0.10	-0.07	-0.06		ppb
Calcium	43-1	1.21	2.00	-1.27	0.65	263.04	ppb
Calcium	44-1	-1.78	-1.66	-1.34	-1.59		ppb
Chromium	52-2	0.07	0.06	0.09	0.07	23.66	ppb
Cobalt	59-2	-0.06	-0.07	-0.08	-0.07		ppb
Copper	63-2	-0.01	0.00	0.02	0.00	627.72	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				106		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				96		%
Iron	56-2	0.22	0.44	0.19	0.28	48.28	ppb
Iron	57-2	-0.26	1.79	-1.05	0.16	897.29	ppb
Krypton	83-1	-4911.84	-850.90	-1852.78	-2538.51		ppb
Lead	206-1	-0.02	-0.04	-0.01	-0.02		ppb
Lead	207-1	-0.05	-0.02	-0.01	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.01	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	1.69	-1.13	-1.70	-0.38		ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.08	-0.07	-0.07		ppb
Molybdenum	94-1	-0.02	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	-0.03	-0.02	-0.03	-0.03		ppb
Molybdenum	96-1	-0.01	-0.03	-0.01	-0.02		ppb
Molybdenum	97-1	-0.05	-0.03	-0.04	-0.04		ppb
Molybdenum	98-1	-0.05	-0.04	-0.04	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.20	-0.04	-0.12	-0.12		ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	1.32	0.65	-17.35	-5.13		ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.00	-0.44	0.96	0.50	162.65	ppb
Selenium	82-1	-0.66	0.00	-0.46	-0.37		ppb
Silicon	28-1	-5.28	-5.03	-4.42	-4.91		ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.41	ppb
Silver	107-1	0.03	0.03	0.02	0.03	16.94	ppb
Sodium	23-2	-3.66	-3.25	0.75	-2.05		ppb
Strontium	86-1	0.01	-0.02	0.05	0.02	197.43	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	105.35	ppb
Sulfur	34-1	-1145.09	-1215.88	-1134.44	-1165.14		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	-0.02	-0.02	-0.01	-0.02		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	0.00	0.02	0.01	0.01	85.81	ppb
Titanium	47-1	0.00	-0.03	0.02	0.00		ppb
Uranium	238-1	-0.08	-0.08	-0.08	-0.08		ppb
Vanadium	51-2	-0.03	-0.04	-0.05	-0.04		ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	0.07	0.15	-0.01	0.07	117.98	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	23.04	ppb
Zirconium	91-1	0.00	0.03	0.01	0.01	90.26	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38.50	37.18	31.25	35.65	10.83	ppb
Antimony	121-1	4.03	4.04	3.97	4.01	0.95	ppb
Arsenic	75-1	2.04	2.09	1.88	2.01	5.43	ppb
Barium	135-1	20.06	19.91	19.67	19.88	0.99	ppb
Barium	137-1	20.19	19.89	19.41	19.83	2.00	ppb
Beryllium	9-1	2.00	1.81	1.81	1.87	6.03	ppb
Bismuth	209-1				108		%
Bismuth	209-2				101		%
Boron	10-1	44.91	46.05	49.33	46.76	4.91	ppb
Boron	11-1	44.68	46.88	48.80	46.79	4.40	ppb
Cadmium	111-1	1.95	1.92	2.11	1.99	5.19	ppb
Cadmium	106-1	1.91	1.01	2.14	1.69	35.19	ppb
Cadmium	108-1	1.91	1.86	2.28	2.02	11.33	ppb
Calcium	43-1	943.36	974.18	961.02	959.52	1.61	ppb
Calcium	44-1	947.96	954.54	930.18	944.23	1.33	ppb
Chromium	52-2	4.52	4.51	4.40	4.47	1.51	ppb
Cobalt	59-2	1.92	1.94	2.01	1.96	2.52	ppb
Copper	63-2	4.26	4.18	4.09	4.18	1.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	366.20	361.64	365.17	364.34	0.66	ppb
Iron	57-2	343.07	370.94	362.44	358.81	3.98	ppb
Krypton	83-1	-4872.96	1249.41	1343.35	-760.06		ppb
Lead	206-1	1.95	1.96	1.93	1.95	0.86	ppb
Lead	207-1	1.98	1.95	1.99	1.97	1.00	ppb
Lead	208-1	1.95	1.97	1.94	1.96	0.75	ppb
Lithium	6-1				101		%
Magnesium	24-2	1009.14	1014.27	1015.17	1012.86	0.32	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.85	2.00	2.37	2.07	12.97	ppb
Molybdenum	94-1	9.76	9.82	10.20	9.93	2.43	ppb
Molybdenum	95-1	9.48	9.93	9.73	9.71	2.32	ppb
Molybdenum	96-1	9.76	9.95	9.77	9.82	1.10	ppb
Molybdenum	97-1	10.10	9.70	9.84	9.88	2.06	ppb
Molybdenum	98-1	9.85	9.89	9.60	9.78	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.15	2.40	2.38	2.31	5.93	ppb
Phosphorus	31-2	5.84	5.58	5.87	5.76	2.76	ppb
Potassium	39-2	1007.49	992.52	965.01	988.34	2.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	4.33	21.40	4.32	10.02	98.39	ppb
Selenium	78-2	11.78	9.48	18.89	13.38	36.67	ppb
Selenium	82-1	9.40	9.90	9.02	9.44	4.64	ppb
Silicon	28-1	26.73	25.97	25.17	25.96	3.00	ppb
Silver	109-1	2.16	2.18	2.10	2.14	1.87	ppb
Silver	107-1	2.23	2.19	2.13	2.18	2.35	ppb
Sodium	23-2	1000.12	992.86	1001.33	998.10	0.46	ppb
Strontium	86-1	2.09	1.96	2.02	2.02	3.39	ppb
Strontium	88-1	2.01	2.04	1.99	2.02	1.24	ppb
Sulfur	34-1	-954.91	-982.11	-1175.56	-1037.53		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	2.00	2.01	1.88	1.96	3.69	ppb
Thallium	205-1	1.94	1.95	1.93	1.94	0.65	ppb
Tin	118-1	10.34	9.94	9.80	10.03	2.75	ppb
Titanium	47-1	10.16	10.15	9.63	9.98	3.02	ppb
Uranium	238-1	1.81	1.89	1.85	1.85	2.24	ppb
Vanadium	51-2	10.09	9.84	10.05	9.99	1.38	ppb
Yttrium	89-1				100		%
Yttrium	89-2				93		%
Zinc	66-2	4.52	3.92	4.20	4.21	7.14	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.95	1.98	1.97	1.97	0.79	ppb
Zirconium	91-1	1.99	2.06	1.99	2.01	2.15	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52905.41	52075.74	53455.58	52812.25	1.32	ppb
Antimony	121-1	504.51	508.97	506.41	506.63	0.44	ppb
Arsenic	75-1	499.72	495.04	493.48	496.08	0.65	ppb
Barium	135-1	2567.85	2571.10	2548.13	2562.36	0.49	ppb
Barium	137-1	2537.10	2541.53	2541.53	2540.05	0.10	ppb
Beryllium	9-1	514.21	515.75	512.62	514.19	0.31	ppb
Bismuth	209-1				103		%
Bismuth	209-2				93		%
Boron	10-1	510.88	507.96	513.41	510.75	0.53	ppb
Boron	11-1	502.20	514.28	517.49	511.33	1.58	ppb
Cadmium	111-1	489.41	490.20	488.75	489.45	0.15	ppb
Cadmium	106-1	495.05	504.09	506.00	501.71	1.17	ppb
Cadmium	108-1	490.66	497.99	499.72	496.12	0.97	ppb
Calcium	43-1	243681.34	243080.37	242166.85	242976.19	0.31	ppb
Calcium	44-1	244096.79	242689.18	244116.87	243634.28	0.34	ppb
Chromium	52-2	533.46	521.60	541.20	532.09	1.86	ppb
Cobalt	59-2	499.42	493.09	509.29	500.60	1.63	ppb
Copper	63-2	977.35	969.06	996.32	980.91	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				86		%
Iron	56-2	127931.44	127426.55	130777.91	128711.96	1.40	ppb
Iron	57-2	129359.20	128968.68	131758.66	130028.84	1.16	ppb
Krypton	83-1	-6536.25	-5359.14	-2930.56	-4941.99		ppb
Lead	206-1	520.05	516.02	512.85	516.31	0.70	ppb
Lead	207-1	527.55	514.64	520.99	521.06	1.24	ppb
Lead	208-1	520.42	514.43	515.98	516.95	0.60	ppb
Lithium	6-1				95		%
Magnesium	24-2	250495.44	250450.92	257858.13	252934.83	1.69	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.50	1007.77	1038.13	1024.13	1.50	ppb
Molybdenum	94-1	2548.67	2534.79	2556.20	2546.55	0.43	ppb
Molybdenum	95-1	2569.15	2558.09	2562.54	2563.26	0.22	ppb
Molybdenum	96-1	2566.37	2559.40	2561.90	2562.56	0.14	ppb
Molybdenum	97-1	2569.46	2577.91	2550.81	2566.06	0.54	ppb
Molybdenum	98-1	2546.40	2556.59	2544.28	2549.09	0.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.19	509.65	527.88	516.57	1.91	ppb
Phosphorus	31-2	10612.35	10378.76	10554.88	10515.33	1.16	ppb
Potassium	39-2	128337.11	126569.45	130590.62	128499.06	1.57	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				90		%
Scandium	45-2				79		%
Selenium	77-2	479.26	510.41	421.92	470.53	9.54	ppb
Selenium	78-2	499.01	473.18	466.26	479.49	3.60	ppb
Selenium	82-1	504.00	500.77	500.61	501.79	0.38	ppb
Silicon	28-1	540.07	539.74	545.70	541.84	0.62	ppb
Silver	109-1	497.90	505.76	497.62	500.43	0.92	ppb
Silver	107-1	499.12	504.07	500.42	501.20	0.51	ppb
Sodium	23-2	250766.51	249160.56	256823.87	252250.31	1.60	ppb
Strontium	86-1	503.74	501.93	502.13	502.60	0.20	ppb
Strontium	88-1	507.72	508.85	509.37	508.65	0.17	ppb
Sulfur	34-1	9789.34	9502.14	9556.80	9616.09	1.59	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	520.45	516.73	520.06	519.08	0.39	ppb
Thallium	205-1	519.12	509.72	512.46	513.77	0.94	ppb
Tin	118-1	508.39	509.44	507.65	508.50	0.18	ppb
Titanium	47-1	2589.29	2561.89	2577.02	2576.07	0.53	ppb
Uranium	238-1	525.60	521.58	522.51	523.23	0.40	ppb
Vanadium	51-2	510.91	505.20	521.66	512.59	1.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				86		%
Zinc	66-2	988.05	967.33	1009.78	988.39	2.15	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	506.88	508.05	513.15	509.36	0.65	ppb
Zirconium	91-1	512.89	514.80	513.46	513.72	0.19	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P8
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 16:51:18 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.30	-2.01	0.80	0.03	6545.03	ppb
Antimony	121-1	0.18	0.20	0.22	0.20	10.59	ppb
Arsenic	75-1	-0.01	-0.02	-0.03	-0.02		ppb
Barium	135-1	-0.10	-0.08	-0.08	-0.09		ppb
Barium	137-1	-0.07	-0.08	-0.08	-0.08		ppb
Beryllium	9-1	-0.05	-0.08	-0.05	-0.06		ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	1.85	2.65	2.27	2.26	17.74	ppb
Boron	11-1	2.47	2.51	2.38	2.45	2.60	ppb
Cadmium	111-1	-0.03	-0.04	-0.05	-0.04		ppb
Cadmium	106-1	-0.45	-0.44	-0.68	-0.52		ppb
Cadmium	108-1	-0.12	-0.02	-0.12	-0.09		ppb
Calcium	43-1	2.27	-3.37	3.05	0.65	541.80	ppb
Calcium	44-1	1.64	-0.03	-0.32	0.43	244.68	ppb
Chromium	52-2	-0.01	-0.05	0.10	0.01	627.52	ppb
Cobalt	59-2	-0.05	-0.07	-0.09	-0.07		ppb
Copper	63-2	-0.07	-0.01	-0.04	-0.04		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				102		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	0.68	0.88	1.06	0.87	21.70	ppb
Iron	57-2	0.21	3.00	0.96	1.39	103.74	ppb
Krypton	83-1	5509.27	-2432.02	-3165.55	-29.43		ppb
Lead	206-1	-0.08	-0.05	-0.06	-0.06		ppb
Lead	207-1	-0.05	-0.06	-0.06	-0.06		ppb
Lead	208-1	-0.06	-0.05	-0.06	-0.06		ppb
Lithium	6-1				101		%
Magnesium	24-2	2.16	2.28	2.17	2.20	3.03	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:51:18	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	-0.14	-0.08	-0.09		ppb
Molybdenum	94-1	0.13	0.13	0.08	0.11	25.40	ppb
Molybdenum	95-1	0.08	0.08	0.04	0.06	35.17	ppb
Molybdenum	96-1	0.07	0.07	0.06	0.06	8.95	ppb
Molybdenum	97-1	0.04	0.04	0.04	0.04	6.12	ppb
Molybdenum	98-1	0.02	0.05	0.04	0.04	38.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.14	-0.12	-0.12		ppb
Phosphorus	31-2	6.17	5.87	-15.15	-1.04		ppb
Potassium	39-2	9.19	12.74	-6.93	5.00	209.72	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				93		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.29	1.02	0.29	251.21	ppb
Selenium	82-1	0.29	0.00	-0.48	-0.06		ppb
Silicon	28-1	-4.65	-5.56	-5.99	-5.40		ppb
Silver	109-1	0.02	0.02	0.01	0.02	29.21	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.23	ppb
Sodium	23-2	11.96	9.71	-0.83	6.95	98.30	ppb
Strontium	86-1	-0.02	0.04	0.02	0.01	204.48	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	23.11	ppb
Sulfur	34-1	-662.36	-800.26	-875.44	-779.35		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.02	-0.01		ppb
Thallium	205-1	-0.01	0.00	-0.01	-0.01		ppb
Tin	118-1	0.04	0.06	0.04	0.05	18.76	ppb
Titanium	47-1	0.04	0.03	0.03	0.03	18.88	ppb
Uranium	238-1	-0.08	-0.07	-0.08	-0.08		ppb
Vanadium	51-2	-0.04	-0.03	-0.03	-0.03		ppb
Yttrium	89-1				98		%
Yttrium	89-2				91		%
Zinc	66-2	0.05	0.04	-0.07	0.00	1591.92	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:51:18	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.05	0.04	0.04	16.36	ppb
Zirconium	91-1	0.03	0.04	0.04	0.04	18.33	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.19	-1.54	-2.00	-1.58		ppb
Antimony	121-1	0.07	0.07	0.08	0.07	2.35	ppb
Arsenic	75-1	-0.02	-0.01	0.02	0.00		ppb
Barium	135-1	-0.06	-0.06	-0.07	-0.06		ppb
Barium	137-1	-0.07	-0.06	-0.07	-0.07		ppb
Beryllium	9-1	-0.04	-0.06	-0.06	-0.05		ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	1.63	1.34	1.96	1.65	18.92	ppb
Boron	11-1	1.84	2.05	2.06	1.98	6.25	ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-0.77	0.06	-0.46	-0.39		ppb
Cadmium	108-1	-0.05	-0.12	-0.10	-0.09		ppb
Calcium	43-1	-3.57	-0.95	-2.17	-2.23		ppb
Calcium	44-1	1.23	-0.45	-2.93	-0.72		ppb
Chromium	52-2	-0.02	0.04	0.09	0.03	159.53	ppb
Cobalt	59-2	-0.05	-0.06	-0.07	-0.06		ppb
Copper	63-2	0.02	-0.02	-0.01	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				107		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				94		%
Iron	56-2	0.37	0.60	0.94	0.64	44.77	ppb
Iron	57-2	-0.22	1.53	3.85	1.72	118.46	ppb
Krypton	83-1	6459.56	3272.90	2925.29	4219.25	46.17	ppb
Lead	206-1	-0.05	-0.05	-0.05	-0.05		ppb
Lead	207-1	-0.05	-0.06	-0.04	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.05	-0.05		ppb
Lithium	6-1				103		%
Magnesium	24-2	1.39	1.91	1.13	1.48	26.61	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.07	-0.09	-0.06		ppb
Molybdenum	94-1	0.05	0.06	0.06	0.06	13.05	ppb
Molybdenum	95-1	0.03	0.00	0.03	0.02	70.19	ppb
Molybdenum	96-1	0.05	0.03	0.00	0.03	104.69	ppb
Molybdenum	97-1	0.01	0.02	0.01	0.01	82.89	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.08	-0.07	-0.08	-0.08		ppb
Phosphorus	31-2	5.95	6.79	-15.15	-0.80		ppb
Potassium	39-2	20.89	-4.22	-5.23	3.82	387.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				96		%
Scandium	45-2				84		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	-0.44	1.71	0.28	451.60	ppb
Selenium	82-1	0.52	-0.14	-0.12	0.09	433.90	ppb
Silicon	28-1	-4.94	-5.34	-6.63	-5.64		ppb
Silver	109-1	0.02	0.01	0.02	0.01	44.59	ppb
Silver	107-1	0.01	0.01	0.01	0.01	29.48	ppb
Sodium	23-2	-0.17	5.16	2.62	2.53	105.24	ppb
Strontium	86-1	0.02	0.00	0.01	0.01	74.79	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	380.93	ppb
Sulfur	34-1	-670.79	-786.97	-956.78	-804.85		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.00	-0.01		ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	0.01	0.05	0.01	0.02	89.92	ppb
Titanium	47-1	-0.01	-0.01	0.01	0.00		ppb
Uranium	238-1	-0.06	-0.06	-0.07	-0.06		ppb
Vanadium	51-2	-0.04	-0.05	-0.03	-0.04		ppb
Yttrium	89-1				99		%
Yttrium	89-2				91		%
Zinc	66-2	0.26	0.08	0.33	0.22	57.19	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	5.41	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	10.85	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9713.87	9716.94	9364.21	9598.34	2.11	ppb
Antimony	121-1	508.66	504.31	501.09	504.69	0.75	ppb
Arsenic	75-1	489.49	488.81	495.31	491.21	0.73	ppb
Barium	135-1	2554.51	2516.42	2519.25	2530.06	0.84	ppb
Barium	137-1	2551.22	2510.68	2499.71	2520.54	1.08	ppb
Beryllium	9-1	503.31	486.64	494.57	494.84	1.68	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	472.89	467.82	483.54	474.75	1.69	ppb
Boron	11-1	472.71	473.76	487.33	477.93	1.71	ppb
Cadmium	111-1	499.72	494.46	491.62	495.27	0.83	ppb
Cadmium	106-1	499.80	505.34	506.38	503.84	0.70	ppb
Cadmium	108-1	504.70	502.82	492.86	500.13	1.27	ppb
Calcium	43-1	49071.45	48867.46	49232.82	49057.24	0.37	ppb
Calcium	44-1	48841.48	48594.49	49226.84	48887.60	0.65	ppb
Chromium	52-2	494.26	495.92	480.15	490.11	1.77	ppb
Cobalt	59-2	494.91	493.97	479.56	489.48	1.76	ppb
Copper	63-2	998.77	995.17	967.09	987.01	1.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				89		%
Iron	56-2	25678.19	25735.90	24848.94	25421.01	1.95	ppb
Iron	57-2	25385.37	25740.86	24774.49	25300.24	1.93	ppb
Krypton	83-1	-5096.86	12071.65	-7454.88	-160.03		ppb
Lead	206-1	510.82	491.73	501.99	501.51	1.91	ppb
Lead	207-1	506.25	497.35	505.10	502.90	0.96	ppb
Lead	208-1	504.91	493.06	503.36	500.44	1.29	ppb
Lithium	6-1				99		%
Magnesium	24-2	52241.19	52469.31	50871.63	51860.71	1.67	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.33	997.09	964.10	983.51	1.75	ppb
Molybdenum	94-1	2518.40	2450.63	2479.15	2482.73	1.37	ppb
Molybdenum	95-1	2501.24	2458.49	2495.07	2484.94	0.93	ppb
Molybdenum	96-1	2487.38	2437.52	2484.70	2469.87	1.14	ppb
Molybdenum	97-1	2490.51	2439.43	2457.64	2462.52	1.05	ppb
Molybdenum	98-1	2495.54	2435.28	2461.10	2463.98	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.17	496.59	481.81	492.52	1.90	ppb
Phosphorus	31-2	10155.54	9965.88	8713.63	9611.68	8.15	ppb
Potassium	39-2	24645.98	24700.89	23734.15	24360.34	2.23	ppb
Rhodium	103-1				95		%
Rhodium	103-2				90		%
Scandium	45-1				92		%
Scandium	45-2				83		%
Selenium	77-2	559.02	422.70	482.35	488.03	14.00	ppb
Selenium	78-2	518.73	470.87	530.43	506.68	6.23	ppb
Selenium	82-1	501.36	491.20	493.75	495.44	1.07	ppb
Silicon	28-1	528.35	536.11	536.43	533.63	0.86	ppb
Silver	109-1	508.73	517.03	506.69	510.82	1.07	ppb
Silver	107-1	516.91	511.87	502.33	510.37	1.45	ppb
Sodium	23-2	51269.21	51202.60	49342.96	50604.92	2.16	ppb
Strontium	86-1	493.98	484.45	488.88	489.10	0.98	ppb
Strontium	88-1	502.66	492.89	496.61	497.39	0.99	ppb
Sulfur	34-1	9195.73	8951.22	9076.89	9074.62	1.35	ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	510.62	494.10	503.15	502.62	1.65	ppb
Thallium	205-1	508.20	492.24	497.49	499.31	1.63	ppb
Tin	118-1	513.31	508.11	506.48	509.30	0.70	ppb
Titanium	47-1	2544.16	2499.14	2518.59	2520.63	0.90	ppb
Uranium	238-1	494.58	484.37	492.40	490.45	1.10	ppb
Vanadium	51-2	494.32	496.22	480.99	490.51	1.69	ppb
Yttrium	89-1				98		%
Yttrium	89-2				88		%
Zinc	66-2	991.07	984.38	960.57	978.67	1.64	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	500.04	490.41	493.94	494.80	0.98	ppb
Zirconium	91-1	505.94	493.33	500.52	499.93	1.26	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01 Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:01:21 DataFile Name : 042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.42	8.67	7.56	8.88	16.23	ppb
Antimony	121-1	0.87	0.85	0.81	0.84	3.32	ppb
Arsenic	75-1	3.40	3.68	3.64	3.57	4.30	ppb
Barium	135-1	153.90	153.58	155.64	154.37	0.72	ppb
Barium	137-1	155.01	154.06	155.55	154.87	0.49	ppb
Beryllium	9-1	0.12	0.09	0.13	0.11	21.38	ppb
Bismuth	209-1				121		%
Bismuth	209-2				107		%
Boron	10-1	47.03	46.52	50.51	48.02	4.52	ppb
Boron	11-1	50.62	48.47	48.58	49.22	2.46	ppb
Cadmium	111-1	0.05	0.05	0.04	0.05	3.93	ppb
Cadmium	106-1	-0.15	-0.68	-0.56	-0.46		ppb
Cadmium	108-1	0.06	0.06	0.04	0.05	25.02	ppb
Calcium	43-1	66326.10	67406.05	66512.08	66748.08	0.86	ppb
Calcium	44-1	65542.17	66170.77	65356.36	65689.76	0.65	ppb
Chromium	52-2	0.73	0.57	0.64	0.64	12.58	ppb
Cobalt	59-2	0.02	0.04	0.03	0.03	33.10	ppb
Copper	63-2	125.36	127.44	127.39	126.73	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				118		%
Holmium	165-2				108		%
Indium	115-1				112		%
Indium	115-2				98		%
Iron	56-2	570.11	568.09	574.14	570.78	0.54	ppb
Iron	57-2	550.59	582.07	580.00	570.89	3.08	ppb
Krypton	83-1	9225.36	12511.97	9422.12	10386.48	17.75	ppb
Lead	206-1	90.81	91.84	91.25	91.30	0.57	ppb
Lead	207-1	82.89	83.19	82.87	82.98	0.22	ppb
Lead	208-1	85.90	86.42	86.59	86.30	0.41	ppb
Lithium	6-1				109		%
Magnesium	24-2	10140.79	10269.21	10259.79	10223.26	0.70	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:01:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.72	2.56	3.04	2.77	8.75	ppb
Molybdenum	94-1	0.59	0.61	0.56	0.59	3.93	ppb
Molybdenum	95-1	0.83	0.78	0.64	0.75	12.59	ppb
Molybdenum	96-1	0.85	0.72	0.66	0.74	13.24	ppb
Molybdenum	97-1	0.88	0.64	0.63	0.72	19.97	ppb
Molybdenum	98-1	0.78	0.70	0.67	0.72	7.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.03	3.39	3.27	3.23	5.74	ppb
Phosphorus	31-2	85.89	128.82	88.36	101.02	23.86	ppb
Potassium	39-2	1646.42	1616.57	1578.09	1613.69	2.12	ppb
Rhodium	103-1				107		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.64	-0.44	-0.44	0.25	477.06	ppb
Selenium	82-1	0.16	0.36	0.16	0.23	50.71	ppb
Silicon	28-1	6295.73	6394.14	6264.09	6317.99	1.07	ppb
Silver	109-1	0.17	0.17	0.21	0.18	12.79	ppb
Silver	107-1	0.17	0.20	0.20	0.19	10.67	ppb
Sodium	23-2	43722.98	44317.09	44147.13	44062.40	0.69	ppb
Strontium	86-1	92.57	93.73	92.80	93.04	0.66	ppb
Strontium	88-1	95.07	96.72	95.29	95.69	0.94	ppb
Sulfur	34-1	6848.03	6994.86	6805.65	6882.85	1.44	ppb
Terbium	159-1				117		%
Terbium	159-2				107		%
Thallium	203-1	0.22	0.18	0.19	0.20	9.54	ppb
Thallium	205-1	0.24	0.22	0.19	0.22	11.81	ppb
Tin	118-1	1.59	1.53	1.56	1.56	2.08	ppb
Titanium	47-1	0.39	0.50	0.40	0.43	14.12	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	179.62	ppb
Vanadium	51-2	0.20	0.20	0.19	0.20	2.38	ppb
Yttrium	89-1				109		%
Yttrium	89-2				94		%
Zinc	66-2	85.80	84.39	85.09	85.09	0.83	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:01:21	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.04	0.05	0.05	22.59	ppb
Zirconium	91-1	0.07	0.05	0.02	0.05	47.32	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01DUP Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:04:42 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.18	3.33	9.59	5.37	68.11	ppb
Antimony	121-1	0.30	0.37	0.33	0.33	10.73	ppb
Arsenic	75-1	4.12	4.44	4.56	4.38	5.24	ppb
Barium	135-1	154.42	154.23	157.06	155.24	1.02	ppb
Barium	137-1	153.85	154.99	156.73	155.19	0.94	ppb
Beryllium	9-1	0.01	0.05	0.06	0.04	61.46	ppb
Bismuth	209-1				121		%
Bismuth	209-2				106		%
Boron	10-1	42.89	40.87	40.08	41.28	3.51	ppb
Boron	11-1	39.76	38.77	42.08	40.20	4.23	ppb
Cadmium	111-1	0.02	0.01	0.02	0.02	33.04	ppb
Cadmium	106-1	-0.22	-0.22	-0.24	-0.23		ppb
Cadmium	108-1	-0.03	-0.08	0.01	-0.03		ppb
Calcium	43-1	66679.04	67101.90	67463.72	67081.55	0.59	ppb
Calcium	44-1	66076.22	66242.36	66801.13	66373.24	0.57	ppb
Chromium	52-2	0.68	0.75	0.70	0.71	4.98	ppb
Cobalt	59-2	0.01	0.01	0.06	0.02	118.58	ppb
Copper	63-2	128.73	129.77	130.12	129.54	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				95		%
Iron	56-2	567.70	577.53	583.36	576.20	1.37	ppb
Iron	57-2	580.75	570.03	587.46	579.41	1.52	ppb
Krypton	83-1	6951.11	5066.19	3607.55	5208.29	32.19	ppb
Lead	206-1	90.23	91.95	90.74	90.97	0.97	ppb
Lead	207-1	82.91	83.52	83.20	83.21	0.37	ppb
Lead	208-1	87.22	88.60	86.48	87.43	1.23	ppb
Lithium	6-1				109		%
Magnesium	24-2	10144.62	10333.86	10354.65	10277.71	1.13	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01DUP Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:04:42 DataFile Name : 043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.19	2.96	3.02	3.06	3.93	ppb
Molybdenum	94-1	0.18	0.19	0.16	0.18	8.61	ppb
Molybdenum	95-1	0.19	0.24	0.16	0.20	19.61	ppb
Molybdenum	96-1	0.18	0.17	0.19	0.18	6.27	ppb
Molybdenum	97-1	0.16	0.16	0.19	0.17	8.27	ppb
Molybdenum	98-1	0.16	0.15	0.19	0.17	13.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.93	3.38	3.24	3.18	7.27	ppb
Phosphorus	31-2	254.88	197.46	220.63	224.32	12.88	ppb
Potassium	39-2	1568.40	1630.00	1604.47	1600.96	1.93	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	-0.44	1.04	0.05	1705.01	ppb
Selenium	82-1	-0.08	-0.29	0.05	-0.10		ppb
Silicon	28-1	6342.04	6371.46	6363.77	6359.09	0.24	ppb
Silver	109-1	0.20	0.20	0.19	0.20	2.25	ppb
Silver	107-1	0.18	0.16	0.19	0.18	8.62	ppb
Sodium	23-2	44072.44	45327.63	44731.26	44710.44	1.40	ppb
Strontium	86-1	93.74	94.74	93.18	93.89	0.84	ppb
Strontium	88-1	97.42	97.32	96.77	97.17	0.36	ppb
Sulfur	34-1	6947.90	6922.57	7290.36	7053.61	2.91	ppb
Terbium	159-1				118		%
Terbium	159-2				107		%
Thallium	203-1	0.05	0.02	0.05	0.04	32.83	ppb
Thallium	205-1	0.04	0.04	0.05	0.04	14.58	ppb
Tin	118-1	1.28	1.43	1.29	1.34	6.11	ppb
Titanium	47-1	0.29	0.40	0.20	0.30	33.74	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.16	0.22	0.14	0.17	24.41	ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	87.45	87.81	85.97	87.08	1.12	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01DUP	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:04:42	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.03	0.03	11.22	ppb
Zirconium	91-1	0.02	0.02	0.02	0.02	7.53	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01LX5 Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 5
 Date & Time Acquired :: 2018-10-09 17:08:03 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.24	0.16	1.46	1.28	81.87	ppb
Antimony	121-1	0.19	0.20	0.18	0.19	5.36	ppb
Arsenic	75-1	1.17	1.38	1.36	1.30	8.71	ppb
Barium	135-1	30.50	30.03	30.36	30.30	0.81	ppb
Barium	137-1	30.12	30.58	30.67	30.46	0.96	ppb
Beryllium	9-1	0.04	-0.02	0.02	0.01	190.20	ppb
Bismuth	209-1				114		%
Bismuth	209-2				102		%
Boron	10-1	13.69	13.34	13.51	13.51	1.30	ppb
Boron	11-1	12.96	13.44	12.59	13.00	3.26	ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.02		ppb
Cadmium	106-1	-0.80	-0.50	-0.44	-0.58		ppb
Cadmium	108-1	-0.10	-0.08	-0.05	-0.08		ppb
Calcium	43-1	12879.03	13031.07	12955.40	12955.17	0.59	ppb
Calcium	44-1	13144.46	13098.27	12990.31	13077.68	0.60	ppb
Chromium	52-2	0.03	0.25	0.19	0.16	73.07	ppb
Cobalt	59-2	-0.05	-0.05	-0.04	-0.05		ppb
Copper	63-2	25.04	25.68	25.50	25.41	1.29	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				102		%
Indium	115-1				104		%
Indium	115-2				93		%
Iron	56-2	112.41	113.10	114.02	113.18	0.71	ppb
Iron	57-2	110.79	119.87	114.91	115.19	3.95	ppb
Krypton	83-1	2667.24	11828.51	5394.01	6629.92	70.95	ppb
Lead	206-1	17.67	17.72	18.07	17.82	1.23	ppb
Lead	207-1	16.12	16.16	16.35	16.21	0.75	ppb
Lead	208-1	16.77	16.78	17.04	16.87	0.92	ppb
Lithium	6-1				101		%
Magnesium	24-2	1994.43	1983.58	2020.56	1999.52	0.95	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01LX5	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 17:08:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.48	0.44	0.64	0.52	20.12	ppb
Molybdenum	94-1	0.09	0.10	0.12	0.10	17.94	ppb
Molybdenum	95-1	0.08	0.09	0.09	0.09	8.33	ppb
Molybdenum	96-1	0.12	0.09	0.09	0.10	19.27	ppb
Molybdenum	97-1	0.12	0.11	0.08	0.10	18.52	ppb
Molybdenum	98-1	0.08	0.10	0.07	0.08	18.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.68	0.71	0.55	0.65	13.45	ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	324.00	313.62	301.47	313.03	3.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				82		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.04	-0.44	1.05	0.55	156.29	ppb
Selenium	82-1	-0.31	0.49	0.21	0.13	308.62	ppb
Silicon	28-1	1245.92	1241.50	1229.76	1239.06	0.67	ppb
Silver	109-1	0.09	0.07	0.08	0.08	10.75	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.63	ppb
Sodium	23-2	8437.68	8526.33	8646.51	8536.84	1.23	ppb
Strontium	86-1	18.43	18.16	18.16	18.25	0.86	ppb
Strontium	88-1	18.71	18.70	18.47	18.62	0.73	ppb
Sulfur	34-1	694.77	660.35	546.21	633.78	12.27	ppb
Terbium	159-1				109		%
Terbium	159-2				101		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	0.27	0.29	0.30	0.29	4.33	ppb
Titanium	47-1	0.12	0.15	0.15	0.14	10.41	ppb
Uranium	238-1	-0.06	-0.06	-0.06	-0.06		ppb
Vanadium	51-2	0.02	0.03	0.02	0.02	15.95	ppb
Yttrium	89-1				100		%
Yttrium	89-2				89		%
Zinc	66-2	16.97	17.35	18.31	17.54	3.96	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01LX5	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 17:08:03	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	3.75	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	43.99	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MS	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:11:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1893.20	2024.04	1894.69	1937.31	3.88	ppb
Antimony	121-1	723.89	714.57	716.13	718.20	0.69	ppb
Arsenic	75-1	827.88	845.27	835.80	836.32	1.04	ppb
Barium	135-1	364.70	362.74	365.32	364.25	0.37	ppb
Barium	137-1	373.55	372.65	375.07	373.76	0.33	ppb
Beryllium	9-1	201.20	197.24	197.67	198.70	1.09	ppb
Bismuth	209-1				121		%
Bismuth	209-2				105		%
Boron	10-1	323.95	318.72	326.51	323.06	1.23	ppb
Boron	11-1	322.45	323.30	323.28	323.01	0.15	ppb
Cadmium	111-1	202.77	204.70	204.16	203.88	0.49	ppb
Cadmium	106-1	175.53	178.33	174.55	176.14	1.11	ppb
Cadmium	108-1	188.41	188.28	185.67	187.45	0.82	ppb
Calcium	43-1	68700.88	69554.79	69852.14	69369.27	0.86	ppb
Calcium	44-1	67576.79	68650.59	68197.32	68141.57	0.79	ppb
Chromium	52-2	411.74	423.87	418.45	418.02	1.45	ppb
Cobalt	59-2	210.73	215.27	212.17	212.73	1.09	ppb
Copper	63-2	456.16	466.20	459.68	460.68	1.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				90		%
Iron	56-2	3924.45	3957.27	3926.84	3936.19	0.46	ppb
Iron	57-2	3814.61	3798.18	3882.28	3831.69	1.16	ppb
Krypton	83-1	8347.43	8362.34	8755.13	8488.30	2.72	ppb
Lead	206-1	1101.37	1112.99	1105.66	1106.67	0.53	ppb
Lead	207-1	1074.73	1081.71	1088.36	1081.60	0.63	ppb
Lead	208-1	1091.30	1101.05	1100.63	1097.66	0.50	ppb
Lithium	6-1				107		%
Magnesium	24-2	12417.38	12522.24	12551.18	12496.93	0.56	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01MS Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:11:26 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.57	210.23	207.48	207.43	1.36	ppb
Molybdenum	94-1	281.58	279.56	278.73	279.96	0.52	ppb
Molybdenum	95-1	407.81	405.49	405.54	406.28	0.33	ppb
Molybdenum	96-1	394.84	388.44	381.26	388.18	1.75	ppb
Molybdenum	97-1	397.50	392.61	393.43	394.52	0.66	ppb
Molybdenum	98-1	401.48	400.73	402.23	401.48	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	531.67	544.24	539.24	538.38	1.18	ppb
Phosphorus	31-2	6602.86	6558.44	6432.05	6531.11	1.36	ppb
Potassium	39-2	11714.94	11984.57	11776.75	11825.42	1.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				81		%
Selenium	77-2	2083.95	2086.33	2119.82	2096.70	0.96	ppb
Selenium	78-2	2073.92	1993.27	2126.96	2064.72	3.26	ppb
Selenium	82-1	2108.49	2088.10	2073.23	2089.94	0.85	ppb
Silicon	28-1	7302.14	7471.38	7371.58	7381.70	1.15	ppb
Silver	109-1	77.82	77.37	77.18	77.46	0.43	ppb
Silver	107-1	76.91	77.05	77.53	77.16	0.42	ppb
Sodium	23-2	48082.13	48340.51	48463.72	48295.45	0.40	ppb
Strontium	86-1	295.33	293.00	292.39	293.57	0.53	ppb
Strontium	88-1	303.51	297.14	296.09	298.91	1.34	ppb
Sulfur	34-1	6841.82	7315.71	7112.54	7090.02	3.35	ppb
Terbium	159-1				117		%
Terbium	159-2				105		%
Thallium	203-1	2006.00	2013.13	2021.64	2013.59	0.39	ppb
Thallium	205-1	2007.40	2023.86	2036.32	2022.53	0.72	ppb
Tin	118-1	697.12	700.89	703.83	700.62	0.48	ppb
Titanium	47-1	199.36	202.65	203.07	201.70	1.01	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	310.96	319.71	315.19	315.29	1.39	ppb
Yttrium	89-1				105		%
Yttrium	89-2				89		%
Zinc	66-2	298.41	300.80	301.05	300.09	0.49	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MS	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:11:26	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.89	0.65	0.54	0.70	25.69	ppb
Zirconium	91-1	1.08	0.85	0.78	0.90	17.79	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1903.14	1912.58	1878.87	1898.20	0.92	ppb
Antimony	121-1	709.70	702.49	713.18	708.45	0.77	ppb
Arsenic	75-1	829.53	815.51	820.86	821.97	0.86	ppb
Barium	135-1	354.91	353.61	355.56	354.69	0.28	ppb
Barium	137-1	358.59	362.89	357.09	359.52	0.84	ppb
Beryllium	9-1	193.64	189.40	188.23	190.42	1.50	ppb
Bismuth	209-1				121		%
Bismuth	209-2				105		%
Boron	10-1	323.05	320.52	324.43	322.67	0.61	ppb
Boron	11-1	318.10	315.87	321.96	318.65	0.97	ppb
Cadmium	111-1	197.47	196.87	196.45	196.93	0.26	ppb
Cadmium	106-1	168.80	170.11	168.03	168.98	0.62	ppb
Cadmium	108-1	181.11	181.68	182.64	181.81	0.43	ppb
Calcium	43-1	67077.30	67750.38	66690.29	67172.66	0.80	ppb
Calcium	44-1	67378.70	66936.76	66790.81	67035.42	0.46	ppb
Chromium	52-2	417.95	410.38	420.87	416.40	1.30	ppb
Cobalt	59-2	211.70	209.51	213.48	211.57	0.94	ppb
Copper	63-2	460.05	451.00	465.39	458.81	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				117		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				88		%
Iron	56-2	3945.57	3882.54	3985.77	3937.96	1.32	ppb
Iron	57-2	3789.44	3757.07	3802.57	3783.03	0.62	ppb
Krypton	83-1	8994.58	4042.75	10011.40	7682.91	41.56	ppb
Lead	206-1	1075.50	1079.09	1077.42	1077.34	0.17	ppb
Lead	207-1	1062.01	1062.49	1054.31	1059.61	0.43	ppb
Lead	208-1	1069.18	1074.24	1073.68	1072.37	0.26	ppb
Lithium	6-1				105		%
Magnesium	24-2	12457.42	12245.99	12641.07	12448.16	1.59	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	210.40	205.80	208.35	208.18	1.11	ppb
Molybdenum	94-1	276.70	277.02	281.39	278.37	0.94	ppb
Molybdenum	95-1	402.45	405.18	403.54	403.72	0.34	ppb
Molybdenum	96-1	387.40	389.19	389.59	388.73	0.30	ppb
Molybdenum	97-1	393.84	393.41	392.44	393.23	0.18	ppb
Molybdenum	98-1	395.95	402.93	401.83	400.24	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	537.78	530.03	546.63	538.15	1.54	ppb
Phosphorus	31-2	6786.99	6049.95	6497.51	6444.82	5.76	ppb
Potassium	39-2	11774.97	11349.34	11871.29	11665.20	2.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				77		%
Selenium	77-2	2053.12	1913.19	2003.31	1989.87	3.56	ppb
Selenium	78-2	2011.65	2020.17	1992.34	2008.05	0.71	ppb
Selenium	82-1	2047.09	2046.56	2045.41	2046.35	0.04	ppb
Silicon	28-1	7220.96	7178.16	7185.71	7194.95	0.32	ppb
Silver	109-1	75.08	74.53	75.38	75.00	0.57	ppb
Silver	107-1	74.92	74.06	74.85	74.61	0.64	ppb
Sodium	23-2	47957.89	46814.24	48563.95	47778.69	1.86	ppb
Strontium	86-1	288.82	285.31	288.14	287.42	0.65	ppb
Strontium	88-1	292.58	290.97	290.89	291.48	0.33	ppb
Sulfur	34-1	7073.02	6763.52	6994.79	6943.77	2.32	ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	1953.45	1957.89	1957.95	1956.43	0.13	ppb
Thallium	205-1	1964.94	1992.96	1977.83	1978.58	0.71	ppb
Tin	118-1	693.51	683.21	696.70	691.14	1.02	ppb
Titanium	47-1	202.36	199.70	198.88	200.31	0.91	ppb
Uranium	238-1	-0.01	0.00	-0.02	-0.01		ppb
Vanadium	51-2	314.72	306.62	313.47	311.60	1.40	ppb
Yttrium	89-1				103		%
Yttrium	89-2				87		%
Zinc	66-2	307.39	298.31	306.34	304.01	1.63	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.29	0.25	0.22	0.25	12.52	ppb
Zirconium	91-1	0.45	0.45	0.43	0.45	2.33	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1961.96	1888.90	1903.43	1918.09	2.02	ppb
Antimony	121-1	720.68	707.12	713.20	713.67	0.95	ppb
Arsenic	75-1	826.84	832.96	842.00	833.93	0.91	ppb
Barium	135-1	362.05	358.16	360.81	360.34	0.55	ppb
Barium	137-1	366.22	357.85	363.53	362.53	1.18	ppb
Beryllium	9-1	190.42	189.52	189.92	189.95	0.24	ppb
Bismuth	209-1				121		%
Bismuth	209-2				104		%
Boron	10-1	306.89	322.13	329.85	319.62	3.65	ppb
Boron	11-1	313.96	325.64	329.01	322.87	2.45	ppb
Cadmium	111-1	199.75	197.11	200.17	199.01	0.83	ppb
Cadmium	106-1	169.29	165.85	166.25	167.13	1.13	ppb
Cadmium	108-1	184.65	182.37	180.48	182.50	1.14	ppb
Calcium	43-1	68441.90	68300.81	69071.14	68604.62	0.60	ppb
Calcium	44-1	67681.15	67489.75	67575.56	67582.15	0.14	ppb
Chromium	52-2	428.18	410.41	417.30	418.63	2.14	ppb
Cobalt	59-2	216.97	211.78	215.65	214.80	1.26	ppb
Copper	63-2	470.06	455.70	464.85	463.53	1.57	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				116		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				87		%
Iron	56-2	4024.12	3874.19	3979.36	3959.22	1.94	ppb
Iron	57-2	3877.48	3690.48	3894.17	3820.71	2.96	ppb
Krypton	83-1	-3995.08	743.32	5139.94	629.39	725.87	ppb
Lead	206-1	1092.22	1095.03	1089.15	1092.13	0.27	ppb
Lead	207-1	1071.36	1069.78	1073.98	1071.71	0.20	ppb
Lead	208-1	1088.51	1083.94	1085.59	1086.01	0.21	ppb
Lithium	6-1				105		%
Magnesium	24-2	12727.91	12227.24	12659.37	12538.17	2.16	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	211.31	206.20	208.92	208.81	1.22	ppb
Molybdenum	94-1	281.99	280.11	279.78	280.62	0.42	ppb
Molybdenum	95-1	408.85	405.88	407.94	407.56	0.37	ppb
Molybdenum	96-1	393.30	386.60	389.45	389.78	0.86	ppb
Molybdenum	97-1	397.60	396.20	393.98	395.93	0.46	ppb
Molybdenum	98-1	409.02	403.91	402.50	405.14	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	550.28	536.25	544.28	543.60	1.29	ppb
Phosphorus	31-2	5936.78	6193.07	6489.78	6206.55	4.46	ppb
Potassium	39-2	11665.80	11488.21	11544.36	11566.12	0.78	ppb
Rhodium	103-1				100		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				75		%
Selenium	77-2	2079.74	2016.93	1981.03	2025.90	2.47	ppb
Selenium	78-2	2104.10	2095.32	2114.69	2104.70	0.46	ppb
Selenium	82-1	2072.04	2065.71	2071.66	2069.81	0.17	ppb
Silicon	28-1	7282.86	7214.26	7273.12	7256.75	0.51	ppb
Silver	109-1	75.72	74.73	75.76	75.40	0.77	ppb
Silver	107-1	75.58	74.50	75.27	75.12	0.74	ppb
Sodium	23-2	49425.83	47178.61	48462.15	48355.53	2.33	ppb
Strontium	86-1	289.52	289.76	288.43	289.23	0.24	ppb
Strontium	88-1	293.00	295.28	292.15	293.48	0.55	ppb
Sulfur	34-1	7042.11	6951.90	7103.92	7032.64	1.09	ppb
Terbium	159-1				115		%
Terbium	159-2				103		%
Thallium	203-1	1991.42	1987.71	1996.35	1991.83	0.22	ppb
Thallium	205-1	2014.46	1993.77	1995.29	2001.17	0.58	ppb
Tin	118-1	698.18	692.72	695.29	695.40	0.39	ppb
Titanium	47-1	203.97	201.67	202.08	202.57	0.61	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	319.75	309.22	316.60	315.19	1.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				85		%
Zinc	66-2	308.95	300.24	301.01	303.40	1.59	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.18	0.17	0.14	0.17	12.37	ppb
Zirconium	91-1	0.40	0.43	0.33	0.39	13.58	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.60	4.11	0.83	2.18	78.64	ppb
Antimony	121-1	1.97	1.91	1.83	1.91	3.56	ppb
Arsenic	75-1	6.17	6.53	6.49	6.39	3.05	ppb
Barium	135-1	1.27	1.15	1.33	1.25	7.51	ppb
Barium	137-1	1.28	1.37	1.30	1.31	3.46	ppb
Beryllium	9-1	0.03	0.09	0.05	0.06	59.78	ppb
Bismuth	209-1				120		%
Bismuth	209-2				104		%
Boron	10-1	54.94	52.20	52.17	53.10	3.00	ppb
Boron	11-1	54.43	53.31	53.40	53.71	1.16	ppb
Cadmium	111-1	0.00	-0.03	-0.01	-0.01		ppb
Cadmium	106-1	-0.82	-0.98	-0.24	-0.68		ppb
Cadmium	108-1	0.13	-0.08	-0.05	0.00		ppb
Calcium	43-1	469.95	437.93	437.85	448.58	4.13	ppb
Calcium	44-1	469.06	481.85	471.73	474.21	1.42	ppb
Chromium	52-2	0.56	0.58	0.56	0.57	2.37	ppb
Cobalt	59-2	0.03	0.01	0.00	0.01	87.17	ppb
Copper	63-2	46.54	48.68	47.13	47.45	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				115		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	4.89	5.38	4.69	4.99	7.19	ppb
Iron	57-2	4.70	2.72	3.99	3.80	26.39	ppb
Krypton	83-1	15078.41	6705.26	3643.16	8475.61	69.84	ppb
Lead	206-1	0.42	0.40	0.39	0.40	3.42	ppb
Lead	207-1	0.43	0.42	0.38	0.41	6.34	ppb
Lead	208-1	0.43	0.41	0.38	0.41	6.04	ppb
Lithium	6-1				103		%
Magnesium	24-2	44.44	38.52	41.14	41.37	7.17	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.17	0.14	0.14	28.20	ppb
Molybdenum	94-1	0.30	0.31	0.23	0.28	15.95	ppb
Molybdenum	95-1	0.49	0.41	0.41	0.44	11.16	ppb
Molybdenum	96-1	0.52	0.43	0.38	0.44	16.03	ppb
Molybdenum	97-1	0.43	0.52	0.33	0.43	21.60	ppb
Molybdenum	98-1	0.45	0.41	0.34	0.40	14.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.23	0.50	0.37	0.37	35.82	ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	102.64	77.44	98.05	92.71	14.48	ppb
Rhodium	103-1				101		%
Rhodium	103-2				92		%
Scandium	45-1				91		%
Scandium	45-2				77		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	-0.44	0.33	0.07	642.81	ppb
Selenium	82-1	1.24	0.54	0.26	0.68	73.91	ppb
Silicon	28-1	6048.78	6101.28	6000.31	6050.12	0.83	ppb
Silver	109-1	0.11	0.12	0.14	0.12	13.93	ppb
Silver	107-1	0.12	0.11	0.14	0.13	12.36	ppb
Sodium	23-2	142156.66	149118.88	145786.09	145687.21	2.39	ppb
Strontium	86-1	0.68	0.71	0.73	0.71	3.64	ppb
Strontium	88-1	0.78	0.74	0.73	0.75	3.50	ppb
Sulfur	34-1	6997.10	7147.10	7056.23	7066.81	1.07	ppb
Terbium	159-1				116		%
Terbium	159-2				104		%
Thallium	203-1	0.34	0.34	0.32	0.33	3.51	ppb
Thallium	205-1	0.36	0.33	0.32	0.34	7.16	ppb
Tin	118-1	0.51	0.52	0.47	0.50	5.10	ppb
Titanium	47-1	0.26	0.41	0.33	0.33	23.21	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.08	0.08	0.09	0.08	9.98	ppb
Yttrium	89-1				101		%
Yttrium	89-2				86		%
Zinc	66-2	15.43	16.32	16.60	16.12	3.78	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSION	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.01	0.01	48.39	ppb
Zirconium	91-1	0.02	0.03	0.01	0.02	39.91	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.54	1.31	3.50	5.12	94.16	ppb
Antimony	121-1	0.79	0.90	0.89	0.86	7.04	ppb
Arsenic	75-1	8.28	8.74	8.94	8.65	3.90	ppb
Barium	135-1	83.61	84.29	83.25	83.72	0.63	ppb
Barium	137-1	84.69	84.39	84.19	84.43	0.30	ppb
Beryllium	9-1	0.01	0.00	-0.01	0.00	1668.70	ppb
Bismuth	209-1				122		%
Bismuth	209-2				106		%
Boron	10-1	73.59	70.64	67.44	70.55	4.36	ppb
Boron	11-1	72.21	73.71	73.27	73.06	1.05	ppb
Cadmium	111-1	-0.03	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-0.81	-0.51	-0.90	-0.74		ppb
Cadmium	108-1	-0.01	-0.06	-0.01	-0.03		ppb
Calcium	43-1	37955.51	38209.98	37581.07	37915.52	0.83	ppb
Calcium	44-1	38004.72	38265.39	37309.85	37859.99	1.30	ppb
Chromium	52-2	0.55	0.41	0.42	0.46	17.10	ppb
Cobalt	59-2	-0.08	-0.06	-0.06	-0.07		ppb
Copper	63-2	25.40	24.58	24.23	24.73	2.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	4.05	3.78	3.35	3.73	9.48	ppb
Iron	57-2	7.27	5.38	3.51	5.39	34.90	ppb
Krypton	83-1	10662.57	6789.26	3994.26	7148.70	46.84	ppb
Lead	206-1	0.59	0.60	0.58	0.59	0.99	ppb
Lead	207-1	0.55	0.54	0.56	0.55	1.15	ppb
Lead	208-1	0.56	0.57	0.58	0.57	1.51	ppb
Lithium	6-1				107		%
Magnesium	24-2	23265.50	22898.00	22511.23	22891.57	1.65	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.06	0.03	64.16	ppb
Molybdenum	94-1	3.22	3.33	3.49	3.35	4.07	ppb
Molybdenum	95-1	4.73	4.84	4.84	4.81	1.36	ppb
Molybdenum	96-1	4.53	4.73	4.70	4.65	2.34	ppb
Molybdenum	97-1	4.90	4.86	4.71	4.82	2.08	ppb
Molybdenum	98-1	4.70	4.69	4.62	4.67	0.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.26	0.19	0.28	35.16	ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	1156.56	1111.94	1129.42	1132.64	1.99	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				76		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	82-1	0.18	0.06	-0.09	0.05	266.85	ppb
Silicon	28-1	7910.92	7922.30	7732.77	7855.33	1.35	ppb
Silver	109-1	0.10	0.11	0.12	0.11	7.93	ppb
Silver	107-1	0.12	0.12	0.13	0.12	7.99	ppb
Sodium	23-2	16162.39	15930.21	15695.05	15929.22	1.47	ppb
Strontium	86-1	766.99	772.00	771.48	770.16	0.36	ppb
Strontium	88-1	757.68	771.79	763.44	764.30	0.93	ppb
Sulfur	34-1	6151.57	6267.05	6052.15	6156.92	1.75	ppb
Terbium	159-1				117		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.16	0.19	0.17	12.21	ppb
Thallium	205-1	0.14	0.15	0.17	0.16	8.17	ppb
Tin	118-1	0.25	0.25	0.25	0.25	0.84	ppb
Titanium	47-1	0.38	0.33	0.21	0.31	28.03	ppb
Uranium	238-1	8.25	8.37	8.51	8.37	1.56	ppb
Vanadium	51-2	0.96	0.95	0.93	0.95	1.87	ppb
Yttrium	89-1				104		%
Yttrium	89-2				87		%
Zinc	66-2	24.92	25.83	26.14	25.63	2.48	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	25.54	ppb
Zirconium	91-1	0.01	-0.02	-0.01	0.00		ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51399.58	53315.98	53226.23	52647.26	2.05	ppb
Antimony	121-1	494.58	493.12	488.40	492.04	0.66	ppb
Arsenic	75-1	501.36	509.25	507.27	505.96	0.81	ppb
Barium	135-1	2544.73	2541.00	2524.31	2536.68	0.43	ppb
Barium	137-1	2534.93	2511.44	2507.97	2518.12	0.58	ppb
Beryllium	9-1	500.49	500.85	485.06	495.47	1.82	ppb
Bismuth	209-1				105		%
Bismuth	209-2				93		%
Boron	10-1	503.39	510.69	503.12	505.73	0.85	ppb
Boron	11-1	499.60	504.94	508.32	504.28	0.87	ppb
Cadmium	111-1	483.43	481.88	480.03	481.78	0.35	ppb
Cadmium	106-1	485.71	483.54	491.41	486.89	0.83	ppb
Cadmium	108-1	490.64	488.23	482.99	487.29	0.80	ppb
Calcium	43-1	243055.74	246343.57	242632.94	244010.75	0.83	ppb
Calcium	44-1	243028.78	245506.46	244438.96	244324.73	0.51	ppb
Chromium	52-2	529.86	543.36	545.33	539.52	1.56	ppb
Cobalt	59-2	503.86	519.09	519.74	514.23	1.75	ppb
Copper	63-2	988.98	1023.57	1022.93	1011.83	1.96	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				98		%
Indium	115-1				94		%
Indium	115-2				82		%
Iron	56-2	128929.78	132209.64	132102.93	131080.78	1.42	ppb
Iron	57-2	129208.91	134172.00	133684.48	132355.13	2.07	ppb
Krypton	83-1	-13745.03	-5963.71	875.07	-6277.89		ppb
Lead	206-1	522.37	523.84	514.86	520.36	0.92	ppb
Lead	207-1	519.98	528.56	515.45	521.33	1.28	ppb
Lead	208-1	516.67	522.84	511.48	517.00	1.10	ppb
Lithium	6-1				92		%
Magnesium	24-2	250365.83	257195.05	260474.78	256011.89	2.01	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1009.92	1036.09	1039.37	1028.46	1.57	ppb
Molybdenum	94-1	2561.36	2547.94	2520.72	2543.34	0.81	ppb
Molybdenum	95-1	2563.53	2537.50	2534.94	2545.32	0.62	ppb
Molybdenum	96-1	2559.33	2515.30	2544.69	2539.77	0.88	ppb
Molybdenum	97-1	2549.28	2551.29	2545.68	2548.75	0.11	ppb
Molybdenum	98-1	2565.24	2545.28	2547.24	2552.58	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	519.66	536.62	534.91	530.39	1.76	ppb
Phosphorus	31-2	10388.85	10312.39	10079.07	10260.11	1.57	ppb
Potassium	39-2	125625.99	128464.13	128312.88	127467.67	1.25	ppb
Rhodium	103-1				89		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				73		%
Selenium	77-2	493.47	431.73	467.94	464.38	6.68	ppb
Selenium	78-2	501.46	493.58	496.45	497.16	0.80	ppb
Selenium	82-1	497.96	493.90	497.13	496.33	0.43	ppb
Silicon	28-1	529.23	542.84	540.28	537.45	1.35	ppb
Silver	109-1	492.91	488.55	488.01	489.82	0.55	ppb
Silver	107-1	489.16	487.58	483.95	486.90	0.55	ppb
Sodium	23-2	250377.27	256801.46	256731.27	254636.67	1.45	ppb
Strontium	86-1	502.59	498.46	497.87	499.64	0.51	ppb
Strontium	88-1	511.56	505.88	504.47	507.30	0.74	ppb
Sulfur	34-1	9724.78	10029.59	9735.33	9829.90	1.76	ppb
Terbium	159-1				105		%
Terbium	159-2				96		%
Thallium	203-1	521.86	529.95	518.50	523.43	1.12	ppb
Thallium	205-1	518.46	525.73	516.70	520.29	0.92	ppb
Tin	118-1	507.85	502.60	498.15	502.86	0.97	ppb
Titanium	47-1	2573.93	2604.38	2583.76	2587.36	0.60	ppb
Uranium	238-1	526.70	535.86	525.30	529.29	1.08	ppb
Vanadium	51-2	508.76	525.06	525.42	519.74	1.83	ppb
Yttrium	89-1				93		%
Yttrium	89-2				81		%
Zinc	66-2	982.96	1020.55	1019.54	1007.68	2.13	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.42	505.95	505.28	506.55	0.33	ppb
Zirconium	91-1	511.20	509.25	501.55	507.33	1.01	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : CCB90 Instrumnet Name : P8
 Client Sample ID : CCB90 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:31:16 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.41	0.18	2.82	0.86	199.70	ppb
Antimony	121-1	1.26	1.18	1.09	1.18	6.87	ppb
Arsenic	75-1	0.33	0.34	0.31	0.33	4.58	ppb
Barium	135-1	0.04	0.04	-0.01	0.02	141.29	ppb
Barium	137-1	0.04	0.01	0.02	0.02	53.55	ppb
Beryllium	9-1	0.21	0.25	0.17	0.21	19.10	ppb
Bismuth	209-1				112		%
Bismuth	209-2				99		%
Boron	10-1	22.13	21.15	17.03	20.10	13.46	ppb
Boron	11-1	20.21	19.49	16.81	18.84	9.52	ppb
Cadmium	111-1	0.04	0.02	0.00	0.02	75.66	ppb
Cadmium	106-1	-1.05	-0.42	-0.86	-0.78		ppb
Cadmium	108-1	-0.07	-0.03	0.05	-0.02		ppb
Calcium	43-1	4.98	7.13	3.25	5.12	37.96	ppb
Calcium	44-1	9.54	10.53	10.82	10.30	6.51	ppb
Chromium	52-2	0.15	0.10	0.12	0.12	21.59	ppb
Cobalt	59-2	-0.07	-0.05	-0.05	-0.06		ppb
Copper	63-2	0.13	0.16	0.12	0.14	16.59	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				107		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				87		%
Iron	56-2	7.01	7.14	6.37	6.84	6.09	ppb
Iron	57-2	7.49	8.79	9.24	8.51	10.69	ppb
Krypton	83-1	1718.90	-5813.51	-453.10	-1515.90		ppb
Lead	206-1	0.00	0.00	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.01	-0.01	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00	91.26	ppb
Lithium	6-1				98		%
Magnesium	24-2	7.32	13.22	12.47	11.00	29.21	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:31:16	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	-0.02	-0.06	0.02	650.81	ppb
Molybdenum	94-1	0.85	0.77	0.71	0.78	8.91	ppb
Molybdenum	95-1	1.00	0.84	0.74	0.86	15.17	ppb
Molybdenum	96-1	0.92	0.80	0.80	0.84	8.62	ppb
Molybdenum	97-1	0.97	0.88	0.74	0.86	13.50	ppb
Molybdenum	98-1	0.95	0.83	0.77	0.85	10.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.04	-0.08	-0.06		ppb
Phosphorus	31-2	-15.15	-15.15	8.94	-7.12		ppb
Potassium	39-2	1.14	10.17	1.57	4.29	118.70	ppb
Rhodium	103-1				96		%
Rhodium	103-2				90		%
Scandium	45-1				86		%
Scandium	45-2				73		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.17	-0.44	2.81	1.18	137.92	ppb
Selenium	82-1	-0.09	-0.29	-0.03	-0.13		ppb
Silicon	28-1	-5.63	-4.96	-5.50	-5.36		ppb
Silver	109-1	0.08	0.09	0.09	0.09	7.34	ppb
Silver	107-1	0.09	0.08	0.08	0.08	7.21	ppb
Sodium	23-2	39.95	47.46	32.92	40.11	18.13	ppb
Strontium	86-1	0.03	0.04	-0.02	0.02	202.07	ppb
Strontium	88-1	0.03	0.03	0.04	0.03	16.16	ppb
Sulfur	34-1	-732.00	-761.88	-720.46	-738.11		ppb
Terbium	159-1				107		%
Terbium	159-2				98		%
Thallium	203-1	0.20	0.17	0.14	0.17	15.81	ppb
Thallium	205-1	0.19	0.17	0.16	0.17	9.99	ppb
Tin	118-1	0.36	0.28	0.31	0.32	11.69	ppb
Titanium	47-1	0.20	0.17	0.21	0.19	11.67	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	0.01	0.00	-0.03	-0.01		ppb
Yttrium	89-1				95		%
Yttrium	89-2				82		%
Zinc	66-2	0.03	0.18	0.20	0.14	66.85	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:31:16	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.13	0.14	0.13	4.57	ppb
Zirconium	91-1	0.14	0.17	0.14	0.15	10.70	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.00	10.69	9.09	11.26	22.27	ppb
Antimony	121-1	0.54	0.55	0.56	0.55	1.72	ppb
Arsenic	75-1	4.20	4.92	5.03	4.72	9.60	ppb
Barium	135-1	6.28	5.88	6.30	6.15	3.87	ppb
Barium	137-1	6.27	6.06	6.10	6.14	1.79	ppb
Beryllium	9-1	0.02	0.06	-0.01	0.02	158.70	ppb
Bismuth	209-1				122		%
Bismuth	209-2				106		%
Boron	10-1	19.04	18.43	17.03	18.17	5.68	ppb
Boron	11-1	17.16	17.37	16.85	17.12	1.53	ppb
Cadmium	111-1	0.01	0.00	0.02	0.01	164.46	ppb
Cadmium	106-1	-0.50	-0.37	-0.49	-0.45		ppb
Cadmium	108-1	-0.01	-0.06	-0.03	-0.03		ppb
Calcium	43-1	726.17	713.84	701.50	713.84	1.73	ppb
Calcium	44-1	722.26	706.95	712.02	713.74	1.09	ppb
Chromium	52-2	0.68	0.73	0.71	0.71	3.44	ppb
Cobalt	59-2	-0.07	-0.06	-0.05	-0.06		ppb
Copper	63-2	9.36	9.45	9.84	9.55	2.67	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				118		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	7.03	6.64	7.00	6.89	3.21	ppb
Iron	57-2	8.25	9.82	7.22	8.43	15.51	ppb
Krypton	83-1	11022.13	10684.40	626.51	7444.35	79.35	ppb
Lead	206-1	0.79	0.76	0.81	0.79	3.47	ppb
Lead	207-1	0.75	0.72	0.73	0.73	1.77	ppb
Lead	208-1	0.75	0.75	0.77	0.76	1.36	ppb
Lithium	6-1				105		%
Magnesium	24-2	590.43	572.21	622.91	595.18	4.31	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.24	0.41	0.33	0.33	26.71	ppb
Molybdenum	94-1	10.62	10.74	10.67	10.68	0.57	ppb
Molybdenum	95-1	15.08	15.22	14.96	15.09	0.87	ppb
Molybdenum	96-1	14.47	14.21	14.07	14.25	1.41	ppb
Molybdenum	97-1	14.94	14.42	14.66	14.67	1.78	ppb
Molybdenum	98-1	15.15	14.98	14.71	14.95	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.51	0.37	0.45	16.23	ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	290.21	307.40	304.55	300.72	3.06	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				78		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	1.08	-0.44	0.07	1329.19	ppb
Selenium	82-1	0.70	0.49	0.01	0.40	89.15	ppb
Silicon	28-1	9020.18	8883.88	8923.04	8942.37	0.78	ppb
Silver	109-1	0.11	0.10	0.14	0.11	17.41	ppb
Silver	107-1	0.11	0.13	0.12	0.12	5.31	ppb
Sodium	23-2	119999.25	118978.80	124322.82	121100.29	2.34	ppb
Strontium	86-1	12.00	11.67	11.74	11.80	1.48	ppb
Strontium	88-1	12.12	11.92	11.96	12.00	0.88	ppb
Sulfur	34-1	6446.23	6236.12	6291.64	6324.66	1.72	ppb
Terbium	159-1				117		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.13	0.10	0.13	24.40	ppb
Thallium	205-1	0.15	0.14	0.12	0.14	11.01	ppb
Tin	118-1	0.49	0.51	0.52	0.51	2.78	ppb
Titanium	47-1	0.35	0.37	0.40	0.37	7.30	ppb
Uranium	238-1	6.19	6.19	6.25	6.21	0.58	ppb
Vanadium	51-2	0.03	0.03	0.01	0.02	46.64	ppb
Yttrium	89-1				102		%
Yttrium	89-2				87		%
Zinc	66-2	11.03	12.30	11.27	11.53	5.86	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.07	0.07	5.47	ppb
Zirconium	91-1	0.04	0.07	0.09	0.07	35.09	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-02	Instrumnet Name :	P8
Client Sample ID :	380919019.1-MUMFORC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:38:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.62	11.87	5.73	8.07	41.13	ppb
Antimony	121-1	0.46	0.47	0.49	0.47	3.47	ppb
Arsenic	75-1	6.37	6.61	7.05	6.68	5.20	ppb
Barium	135-1	69.82	69.12	68.98	69.31	0.65	ppb
Barium	137-1	70.07	68.87	68.66	69.20	1.09	ppb
Beryllium	9-1	0.01	-0.01	0.02	0.01	223.29	ppb
Bismuth	209-1				124		%
Bismuth	209-2				107		%
Boron	10-1	28.36	28.19	28.15	28.23	0.40	ppb
Boron	11-1	26.94	26.94	28.57	27.48	3.43	ppb
Cadmium	111-1	0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-0.56	-1.01	-0.18	-0.58		ppb
Cadmium	108-1	-0.06	-0.06	0.03	-0.03		ppb
Calcium	43-1	70092.48	69150.82	70600.33	69947.87	1.05	ppb
Calcium	44-1	68328.75	68002.82	68753.88	68361.82	0.55	ppb
Chromium	52-2	0.70	0.66	0.73	0.70	5.68	ppb
Cobalt	59-2	0.05	0.08	0.04	0.06	34.92	ppb
Copper	63-2	6.28	6.11	6.24	6.21	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				120		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	56-2	67.25	65.50	66.87	66.54	1.38	ppb
Iron	57-2	69.64	66.91	62.17	66.24	5.71	ppb
Krypton	83-1	1110.29	6034.91	330.41	2491.87	124.13	ppb
Lead	206-1	4.60	4.54	4.51	4.55	1.05	ppb
Lead	207-1	4.36	4.42	4.28	4.36	1.63	ppb
Lead	208-1	4.46	4.46	4.42	4.45	0.54	ppb
Lithium	6-1				108		%
Magnesium	24-2	19556.03	19393.44	19528.20	19492.56	0.45	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-02	Instrumnet Name :	P8
Client Sample ID :	380919019.1-MUMFORC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:38:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	47.64	45.91	45.49	46.35	2.46	ppb
Molybdenum	94-1	1.65	1.66	1.72	1.68	2.29	ppb
Molybdenum	95-1	2.23	2.26	2.38	2.29	3.47	ppb
Molybdenum	96-1	2.18	2.18	2.28	2.22	2.59	ppb
Molybdenum	97-1	2.12	2.33	2.27	2.24	4.73	ppb
Molybdenum	98-1	2.37	2.25	2.24	2.29	3.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.85	0.85	0.79	0.83	3.90	ppb
Phosphorus	31-2	8.03	-15.15	8.06	0.31	4272.64	ppb
Potassium	39-2	779.25	745.13	706.77	743.72	4.88	ppb
Rhodium	103-1				103		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				77		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	0.33	-0.44	-0.18		ppb
Selenium	82-1	-0.33	-0.01	-0.21	-0.19		ppb
Silicon	28-1	11261.10	11209.81	11335.44	11268.78	0.56	ppb
Silver	109-1	0.10	0.10	0.12	0.11	8.87	ppb
Silver	107-1	0.11	0.11	0.11	0.11	2.51	ppb
Sodium	23-2	18831.15	18517.06	18726.41	18691.54	0.86	ppb
Strontium	86-1	1757.35	1775.91	1777.37	1770.21	0.63	ppb
Strontium	88-1	1772.53	1790.61	1784.15	1782.43	0.51	ppb
Sulfur	34-1	14731.29	14472.09	14948.60	14717.32	1.62	ppb
Terbium	159-1				119		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.07	0.07	0.06	4.75	ppb
Thallium	205-1	0.06	0.07	0.07	0.06	1.06	ppb
Tin	118-1	0.81	0.73	0.75	0.77	5.71	ppb
Titanium	47-1	0.33	0.51	0.34	0.39	25.55	ppb
Uranium	238-1	8.57	8.61	8.52	8.57	0.55	ppb
Vanadium	51-2	0.35	0.28	0.29	0.31	11.42	ppb
Yttrium	89-1				104		%
Yttrium	89-2				87		%
Zinc	66-2	41.38	39.44	37.75	39.52	4.60	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-02	Instrumnet Name :	P8
Client Sample ID :	380919019.1-MUMFORC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:38:02	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.06	0.06	0.05	13.54	ppb
Zirconium	91-1	0.04	0.05	0.04	0.04	21.22	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5334-03 Instrumnet Name : P8
 Client Sample ID : 380919020.0-CONOVER Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:41:44 DataFile Name : 054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.58	6.67	5.41	5.22	29.72	ppb
Antimony	121-1	0.32	0.36	0.35	0.34	6.13	ppb
Arsenic	75-1	7.20	7.88	7.91	7.66	5.20	ppb
Barium	135-1	203.98	204.04	205.40	204.47	0.39	ppb
Barium	137-1	204.33	203.67	206.07	204.69	0.60	ppb
Beryllium	9-1	-0.01	-0.04	0.02	-0.01		ppb
Bismuth	209-1				127		%
Bismuth	209-2				108		%
Boron	10-1	10.82	11.72	12.81	11.78	8.44	ppb
Boron	11-1	10.23	9.94	10.23	10.13	1.65	ppb
Cadmium	111-1	-0.03	-0.04	-0.03	-0.03		ppb
Cadmium	106-1	-0.58	-1.04	-1.30	-0.98		ppb
Cadmium	108-1	-0.04	-0.01	-0.03	-0.03		ppb
Calcium	43-1	29280.93	29408.93	29151.65	29280.50	0.44	ppb
Calcium	44-1	29278.84	29585.19	29276.78	29380.27	0.60	ppb
Chromium	52-2	1.22	1.13	1.34	1.23	8.73	ppb
Cobalt	59-2	-0.06	-0.07	-0.07	-0.07		ppb
Copper	63-2	7.77	7.67	7.48	7.64	1.92	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				107		%
Indium	115-1				109		%
Indium	115-2				92		%
Iron	56-2	12.81	11.26	11.19	11.75	7.81	ppb
Iron	57-2	14.38	12.45	10.80	12.54	14.31	ppb
Krypton	83-1	12172.94	6685.37	1715.58	6857.96	76.27	ppb
Lead	206-1	0.16	0.14	0.14	0.15	9.19	ppb
Lead	207-1	0.10	0.14	0.12	0.12	15.84	ppb
Lead	208-1	0.14	0.14	0.13	0.13	3.08	ppb
Lithium	6-1				109		%
Magnesium	24-2	16881.97	16554.71	16754.77	16730.48	0.99	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-03	Instrumnet Name :	P8
Client Sample ID :	380919020.0-CONOVER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:41:44	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.83	0.87	0.88	0.86	2.97	ppb
Molybdenum	94-1	2.13	1.90	1.97	2.00	5.86	ppb
Molybdenum	95-1	2.91	2.77	2.99	2.89	3.98	ppb
Molybdenum	96-1	2.75	2.79	2.77	2.77	0.63	ppb
Molybdenum	97-1	2.92	2.62	2.97	2.84	6.78	ppb
Molybdenum	98-1	2.88	2.83	2.92	2.88	1.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.46	0.45	0.45	0.46	1.47	ppb
Phosphorus	31-2	8.37	-15.15	126.25	39.82	190.26	ppb
Potassium	39-2	722.85	737.22	720.89	726.99	1.23	ppb
Rhodium	103-1				104		%
Rhodium	103-2				94		%
Scandium	45-1				94		%
Scandium	45-2				76		%
Selenium	77-2	0.00	4.66	0.00	1.55	173.21	ppb
Selenium	78-2	0.33	-0.44	0.34	0.07	615.29	ppb
Selenium	82-1	0.50	0.35	0.06	0.30	73.94	ppb
Silicon	28-1	8824.32	8924.56	8799.64	8849.51	0.75	ppb
Silver	109-1	0.09	0.10	0.09	0.09	5.03	ppb
Silver	107-1	0.08	0.09	0.09	0.09	6.90	ppb
Sodium	23-2	8773.27	8616.71	8686.30	8692.10	0.90	ppb
Strontium	86-1	282.32	278.24	280.92	280.49	0.74	ppb
Strontium	88-1	287.56	285.03	289.01	287.20	0.70	ppb
Sulfur	34-1	2866.10	3082.98	3100.36	3016.48	4.33	ppb
Terbium	159-1				119		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.03	0.03	0.03	15.94	ppb
Thallium	205-1	0.02	0.04	0.04	0.03	29.53	ppb
Tin	118-1	0.90	0.96	0.85	0.90	5.93	ppb
Titanium	47-1	0.30	0.37	0.28	0.32	14.57	ppb
Uranium	238-1	6.49	6.56	6.46	6.51	0.81	ppb
Vanadium	51-2	1.83	1.65	1.79	1.76	5.39	ppb
Yttrium	89-1				104		%
Yttrium	89-2				86		%
Zinc	66-2	12.35	11.69	11.70	11.91	3.14	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-03	Instrumnet Name :	P8
Client Sample ID :	380919020.0-CONOVER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:41:44	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.03	0.02	0.02	24.63	ppb
Zirconium	91-1	0.03	0.03	0.03	0.03	10.61	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.59	4.84	4.89	4.11	31.98	ppb
Antimony	121-1	0.45	0.46	0.43	0.45	3.33	ppb
Arsenic	75-1	11.02	11.00	11.86	11.29	4.34	ppb
Barium	135-1	0.04	0.07	0.04	0.05	34.84	ppb
Barium	137-1	0.02	0.04	0.05	0.04	37.56	ppb
Beryllium	9-1	-0.03	-0.06	-0.04	-0.04		ppb
Bismuth	209-1				123		%
Bismuth	209-2				107		%
Boron	10-1	11.15	10.70	11.28	11.04	2.76	ppb
Boron	11-1	11.96	12.21	10.66	11.61	7.20	ppb
Cadmium	111-1	0.00	-0.02	0.00	-0.01		ppb
Cadmium	106-1	-0.53	-0.98	-1.18	-0.90		ppb
Cadmium	108-1	0.06	-0.01	-0.03	0.00	1205.38	ppb
Calcium	43-1	362.60	344.60	377.14	361.45	4.51	ppb
Calcium	44-1	408.63	407.86	410.07	408.85	0.27	ppb
Chromium	52-2	0.55	0.42	0.40	0.46	17.76	ppb
Cobalt	59-2	-0.06	-0.07	-0.06	-0.06		ppb
Copper	63-2	117.36	116.08	116.99	116.81	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				108		%
Indium	115-1				108		%
Indium	115-2				92		%
Iron	56-2	5.60	4.73	4.78	5.04	9.73	ppb
Iron	57-2	4.39	4.84	5.77	5.00	14.15	ppb
Krypton	83-1	9105.86	2291.82	7928.56	6442.08	56.54	ppb
Lead	206-1	1.39	1.36	1.26	1.34	5.05	ppb
Lead	207-1	1.19	1.28	1.21	1.23	3.58	ppb
Lead	208-1	1.29	1.29	1.25	1.28	2.06	ppb
Lithium	6-1				106		%
Magnesium	24-2	60.62	55.94	58.73	58.43	4.03	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.33	1.58	1.56	1.49	9.36	ppb
Molybdenum	94-1	0.21	0.29	0.29	0.26	18.03	ppb
Molybdenum	95-1	0.38	0.31	0.34	0.34	9.71	ppb
Molybdenum	96-1	0.34	0.32	0.31	0.32	5.82	ppb
Molybdenum	97-1	0.36	0.29	0.29	0.31	11.69	ppb
Molybdenum	98-1	0.31	0.30	0.29	0.30	3.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.92	1.08	1.04	1.01	8.21	ppb
Phosphorus	31-2	8.04	-15.15	8.21	0.37	3668.04	ppb
Potassium	39-2	282.58	245.61	245.88	258.02	8.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				93		%
Scandium	45-2				77		%
Selenium	77-2	4.57	0.00	0.00	1.52	173.21	ppb
Selenium	78-2	0.31	0.32	0.33	0.32	1.91	ppb
Selenium	82-1	-0.01	-0.04	-0.07	-0.04		ppb
Silicon	28-1	21138.30	20930.43	20977.11	21015.28	0.52	ppb
Silver	109-1	0.10	0.09	0.10	0.09	3.60	ppb
Silver	107-1	0.09	0.09	0.09	0.09	4.12	ppb
Sodium	23-2	124273.22	122739.72	124943.71	123985.55	0.91	ppb
Strontium	86-1	2.56	2.77	2.38	2.57	7.53	ppb
Strontium	88-1	2.64	2.66	2.54	2.61	2.51	ppb
Sulfur	34-1	7730.54	7695.29	7627.30	7684.38	0.68	ppb
Terbium	159-1				118		%
Terbium	159-2				106		%
Thallium	203-1	0.01	0.02	0.02	0.02	45.28	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	6.26	ppb
Tin	118-1	0.40	0.43	0.38	0.40	6.24	ppb
Titanium	47-1	0.58	0.59	0.70	0.63	10.80	ppb
Uranium	238-1	-0.07	-0.07	-0.07	-0.07		ppb
Vanadium	51-2	0.05	0.14	0.13	0.11	42.53	ppb
Yttrium	89-1				103		%
Yttrium	89-2				87		%
Zinc	66-2	51.69	52.53	51.36	51.86	1.16	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.02	0.03	32.93	ppb
Zirconium	91-1	0.05	0.03	0.01	0.03	56.65	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5335-01 Instrumnet Name : P8
 Client Sample ID : 380919039.1-HOLOHAN Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:48:30 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.01	8.23	10.56	9.26	12.81	ppb
Antimony	121-1	0.33	0.33	0.35	0.34	4.13	ppb
Arsenic	75-1	9.80	10.22	10.12	10.05	2.21	ppb
Barium	135-1	272.85	273.92	271.71	272.83	0.40	ppb
Barium	137-1	274.80	276.71	270.63	274.05	1.13	ppb
Beryllium	9-1	-0.05	-0.03	-0.05	-0.04		ppb
Bismuth	209-1				125		%
Bismuth	209-2				107		%
Boron	10-1	8.13	8.21	7.61	7.98	4.10	ppb
Boron	11-1	8.34	8.28	8.84	8.49	3.62	ppb
Cadmium	111-1	-0.02	-0.02	-0.04	-0.03		ppb
Cadmium	106-1	-1.04	-0.14	-1.17	-0.78		ppb
Cadmium	108-1	-0.04	-0.10	-0.06	-0.06		ppb
Calcium	43-1	32034.22	32279.80	32093.14	32135.72	0.40	ppb
Calcium	44-1	32168.38	32212.20	32157.28	32179.28	0.09	ppb
Chromium	52-2	0.83	1.00	0.80	0.88	12.10	ppb
Cobalt	59-2	-0.06	-0.05	-0.06	-0.06		ppb
Copper	63-2	43.69	44.24	45.93	44.62	2.62	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				120		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				91		%
Iron	56-2	9.03	9.26	9.90	9.40	4.80	ppb
Iron	57-2	9.86	7.71	5.24	7.61	30.36	ppb
Krypton	83-1	4646.79	-2800.86	4608.66	2151.53	199.34	ppb
Lead	206-1	17.34	17.47	17.40	17.40	0.36	ppb
Lead	207-1	16.11	16.11	15.94	16.05	0.61	ppb
Lead	208-1	16.53	16.64	16.60	16.59	0.34	ppb
Lithium	6-1				108		%
Magnesium	24-2	18093.20	18003.94	18592.01	18229.72	1.74	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-01	Instrumnet Name :	P8
Client Sample ID :	380919039.1-HOLOHAN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:48:30	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.19	0.32	0.32	0.27	27.98	ppb
Molybdenum	94-1	0.29	0.34	0.33	0.32	7.34	ppb
Molybdenum	95-1	0.45	0.39	0.38	0.41	8.48	ppb
Molybdenum	96-1	0.41	0.39	0.40	0.40	2.08	ppb
Molybdenum	97-1	0.44	0.41	0.44	0.43	3.69	ppb
Molybdenum	98-1	0.38	0.37	0.36	0.37	2.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.64	0.61	0.84	0.70	17.73	ppb
Phosphorus	31-2	-15.15	79.84	157.37	74.02	116.74	ppb
Potassium	39-2	789.19	764.95	756.67	770.27	2.19	ppb
Rhodium	103-1				103		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				75		%
Selenium	77-2	4.65	0.00	0.00	1.55	173.21	ppb
Selenium	78-2	2.64	1.89	1.91	2.15	20.02	ppb
Selenium	82-1	0.32	-0.25	-0.10	-0.01		ppb
Silicon	28-1	9983.48	9973.51	10020.30	9992.43	0.25	ppb
Silver	109-1	0.09	0.08	0.09	0.08	7.58	ppb
Silver	107-1	0.09	0.09	0.09	0.09	1.25	ppb
Sodium	23-2	9367.03	9379.92	9610.71	9452.55	1.45	ppb
Strontium	86-1	286.05	286.88	283.36	285.43	0.65	ppb
Strontium	88-1	295.30	290.60	290.06	291.99	0.99	ppb
Sulfur	34-1	1747.39	1663.01	1851.86	1754.08	5.39	ppb
Terbium	159-1				119		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.01	0.01	40.82	ppb
Thallium	205-1	0.02	0.02	0.01	0.01	10.71	ppb
Tin	118-1	2.44	2.56	2.42	2.47	2.98	ppb
Titanium	47-1	0.30	0.43	0.41	0.38	18.81	ppb
Uranium	238-1	3.87	3.84	3.90	3.87	0.71	ppb
Vanadium	51-2	1.46	1.66	1.64	1.58	6.77	ppb
Yttrium	89-1				104		%
Yttrium	89-2				86		%
Zinc	66-2	20.99	21.20	22.27	21.48	3.20	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-01	Instrumnet Name :	P8
Client Sample ID :	380919039.1-HOLOHAN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:48:30	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.01	51.50	ppb
Zirconium	91-1	0.02	0.02	0.01	0.02	52.11	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5335-02 Instrumnet Name : P8
 Client Sample ID : 380919044.1-NICHOLSC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:51:53 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.89	0.50	10.09	4.16	124.62	ppb
Antimony	121-1	0.35	0.29	0.32	0.32	8.85	ppb
Arsenic	75-1	8.81	9.37	9.40	9.19	3.62	ppb
Barium	135-1	539.77	535.98	540.66	538.80	0.46	ppb
Barium	137-1	555.20	552.40	553.11	553.57	0.26	ppb
Beryllium	9-1	-0.07	-0.10	-0.05	-0.07		ppb
Bismuth	209-1				126		%
Bismuth	209-2				107		%
Boron	10-1	10.16	8.36	8.82	9.11	10.27	ppb
Boron	11-1	9.64	9.49	10.21	9.78	3.84	ppb
Cadmium	111-1	-0.03	-0.04	-0.05	-0.04		ppb
Cadmium	106-1	-0.59	-1.24	-1.31	-1.04		ppb
Cadmium	108-1	-0.10	-0.06	0.04	-0.04		ppb
Calcium	43-1	56404.71	55607.95	54829.57	55614.08	1.42	ppb
Calcium	44-1	55728.95	55687.18	54924.71	55446.95	0.82	ppb
Chromium	52-2	0.26	0.21	0.25	0.24	9.61	ppb
Cobalt	59-2	-0.07	-0.07	-0.07	-0.07		ppb
Copper	63-2	30.81	31.05	30.90	30.92	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				119		%
Holmium	165-2				106		%
Indium	115-1				107		%
Indium	115-2				89		%
Iron	56-2	2.34	2.88	2.61	2.61	10.36	ppb
Iron	57-2	1.86	3.25	6.66	3.93	62.94	ppb
Krypton	83-1	15016.56	4119.13	4418.87	7851.52	79.05	ppb
Lead	206-1	1.33	1.41	1.34	1.36	3.21	ppb
Lead	207-1	1.18	1.26	1.22	1.22	3.31	ppb
Lead	208-1	1.28	1.30	1.29	1.29	0.78	ppb
Lithium	6-1				107		%
Magnesium	24-2	7724.29	7931.11	8021.96	7892.45	1.93	ppb

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5335-02 Instrumnet Name : P8
 Client Sample ID : 380919044.1-NICHOLSC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:51:53 DataFile Name : 057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.21	0.29	0.35	0.29	24.74	ppb
Molybdenum	94-1	0.94	0.82	0.86	0.87	7.24	ppb
Molybdenum	95-1	1.20	1.19	1.29	1.23	4.56	ppb
Molybdenum	96-1	1.17	1.20	1.12	1.17	3.76	ppb
Molybdenum	97-1	1.23	1.19	1.15	1.19	3.32	ppb
Molybdenum	98-1	1.20	1.16	1.20	1.19	2.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.00	1.21	1.41	1.21	16.67	ppb
Phosphorus	31-2	8.97	177.86	58.83	81.89	105.97	ppb
Potassium	39-2	1017.69	1021.96	1116.56	1052.07	5.31	ppb
Rhodium	103-1				102		%
Rhodium	103-2				92		%
Scandium	45-1				92		%
Scandium	45-2				74		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.13	-0.44	-0.44	0.08	1114.33	ppb
Selenium	82-1	0.79	0.21	0.03	0.34	116.00	ppb
Silicon	28-1	14212.76	14107.81	13944.37	14088.31	0.96	ppb
Silver	109-1	0.07	0.09	0.08	0.08	12.55	ppb
Silver	107-1	0.08	0.08	0.09	0.08	4.51	ppb
Sodium	23-2	17854.00	17842.04	18116.75	17937.60	0.87	ppb
Strontium	86-1	88.31	87.31	88.62	88.08	0.77	ppb
Strontium	88-1	92.51	91.40	92.12	92.01	0.61	ppb
Sulfur	34-1	231.93	343.64	308.53	294.70	19.38	ppb
Terbium	159-1				118		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.01	0.01	55.31	ppb
Thallium	205-1	0.00	0.02	0.02	0.01	52.84	ppb
Tin	118-1	59.29	60.32	59.81	59.80	0.86	ppb
Titanium	47-1	0.49	0.45	0.46	0.47	4.96	ppb
Uranium	238-1	-0.08	-0.07	-0.08	-0.08		ppb
Vanadium	51-2	0.03	-0.01	-0.01	0.00	697.50	ppb
Yttrium	89-1				102		%
Yttrium	89-2				84		%
Zinc	66-2	27.33	25.69	27.68	26.90	3.95	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-02	Instrumnet Name :	P8
Client Sample ID :	380919044.1-NICHOLSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:51:53	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.00	0.01	0.01	47.30	ppb
Zirconium	91-1	0.02	0.00	0.00	0.01	139.40	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-03	Instrumnet Name :	P8
Client Sample ID :	380919045.1-SPOTNITZ	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:55:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.81	4.32	4.86	5.00	15.16	ppb
Antimony	121-1	0.26	0.28	0.29	0.28	4.75	ppb
Arsenic	75-1	8.98	9.43	9.94	9.45	5.07	ppb
Barium	135-1	115.20	117.08	116.76	116.35	0.87	ppb
Barium	137-1	115.44	116.77	116.53	116.25	0.61	ppb
Beryllium	9-1	0.12	0.03	0.03	0.06	91.48	ppb
Bismuth	209-1				123		%
Bismuth	209-2				105		%
Boron	10-1	34.38	38.02	32.89	35.10	7.52	ppb
Boron	11-1	34.66	34.40	33.97	34.34	1.03	ppb
Cadmium	111-1	-0.03	-0.05	-0.03	-0.04		ppb
Cadmium	106-1	-1.08	-1.15	-0.07	-0.77		ppb
Cadmium	108-1	0.03	-0.10	-0.08	-0.05		ppb
Calcium	43-1	52382.00	53071.73	53908.66	53120.80	1.44	ppb
Calcium	44-1	52454.61	52919.50	53571.52	52981.88	1.06	ppb
Chromium	52-2	0.23	0.09	0.22	0.18	44.92	ppb
Cobalt	59-2	-0.08	-0.07	-0.09	-0.08		ppb
Copper	63-2	20.75	20.12	20.34	20.40	1.59	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				118		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				89		%
Iron	56-2	387.14	381.28	381.14	383.19	0.89	ppb
Iron	57-2	388.17	401.49	377.18	388.95	3.13	ppb
Krypton	83-1	-2539.21	6329.35	4204.48	2664.87	173.76	ppb
Lead	206-1	0.19	0.20	0.19	0.19	2.99	ppb
Lead	207-1	0.17	0.18	0.19	0.18	5.46	ppb
Lead	208-1	0.19	0.19	0.19	0.19	1.73	ppb
Lithium	6-1				107		%
Magnesium	24-2	19872.46	19539.86	19629.22	19680.52	0.87	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-03	Instrumnet Name :	P8
Client Sample ID :	380919045.1-SPOTNITZ	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:55:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.53	27.83	27.33	27.56	0.91	ppb
Molybdenum	94-1	0.94	1.01	0.94	0.96	4.15	ppb
Molybdenum	95-1	1.01	0.96	1.00	0.99	2.71	ppb
Molybdenum	96-1	1.02	0.96	1.05	1.01	4.53	ppb
Molybdenum	97-1	0.98	0.89	1.01	0.96	6.71	ppb
Molybdenum	98-1	0.93	0.96	0.98	0.96	2.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.35	1.41	1.49	1.41	5.00	ppb
Phosphorus	31-2	-15.15	9.28	-15.15	-7.01		ppb
Potassium	39-2	622.98	568.21	573.16	588.12	5.15	ppb
Rhodium	103-1				100		%
Rhodium	103-2				91		%
Scandium	45-1				90		%
Scandium	45-2				73		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	1.17	-0.44	0.09	991.54	ppb
Selenium	82-1	-0.86	-0.23	-0.14	-0.41		ppb
Silicon	28-1	10704.58	10801.30	10943.49	10816.46	1.11	ppb
Silver	109-1	0.07	0.07	0.07	0.07	3.99	ppb
Silver	107-1	0.07	0.08	0.08	0.08	4.60	ppb
Sodium	23-2	19003.80	18562.49	18602.57	18722.95	1.30	ppb
Strontium	86-1	2989.04	2992.28	3020.12	3000.48	0.57	ppb
Strontium	88-1	3049.92	3028.32	3056.31	3044.85	0.48	ppb
Sulfur	34-1	10468.65	10586.30	11066.69	10707.21	2.96	ppb
Terbium	159-1				117		%
Terbium	159-2				104		%
Thallium	203-1	-0.01	0.01	0.01	0.00	209.63	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	267.97	ppb
Tin	118-1	0.20	0.20	0.19	0.20	4.54	ppb
Titanium	47-1	0.46	0.26	0.35	0.36	27.91	ppb
Uranium	238-1	2.89	2.85	2.88	2.87	0.87	ppb
Vanadium	51-2	0.01	0.05	0.01	0.02	105.91	ppb
Yttrium	89-1				101		%
Yttrium	89-2				83		%
Zinc	66-2	6.25	6.50	6.59	6.45	2.67	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-03	Instrumnet Name :	P8
Client Sample ID :	380919045.1-SPOTNITZ	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:55:15	DataFile Name :	058SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.17	0.16	0.18	11.17	ppb
Zirconium	91-1	0.17	0.16	0.12	0.15	19.13	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.26	6.15	4.62	5.01	20.09	ppb
Antimony	121-1	0.27	0.30	0.30	0.29	6.37	ppb
Arsenic	75-1	9.58	9.61	10.06	9.75	2.77	ppb
Barium	135-1	0.16	0.18	0.19	0.18	9.61	ppb
Barium	137-1	0.20	0.23	0.15	0.19	20.51	ppb
Beryllium	9-1	-0.07	-0.09	-0.06	-0.08		ppb
Bismuth	209-1				123		%
Bismuth	209-2				105		%
Boron	10-1	223.91	233.88	236.40	231.40	2.85	ppb
Boron	11-1	225.64	228.56	234.92	229.71	2.07	ppb
Cadmium	111-1	-0.01	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-1.13	-1.43	-0.59	-1.05		ppb
Cadmium	108-1	-0.10	-0.12	-0.05	-0.09		ppb
Calcium	43-1	64069.46	63320.47	63762.26	63717.40	0.59	ppb
Calcium	44-1	63511.16	62807.70	63315.03	63211.30	0.57	ppb
Chromium	52-2	0.60	0.68	0.53	0.60	12.40	ppb
Cobalt	59-2	-0.03	-0.02	-0.04	-0.03		ppb
Copper	63-2	18.73	18.58	18.41	18.57	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				86		%
Iron	56-2	11.29	10.88	10.70	10.96	2.76	ppb
Iron	57-2	10.05	10.91	13.25	11.40	14.54	ppb
Krypton	83-1	6749.66	5073.90	7554.93	6459.50	19.59	ppb
Lead	206-1	0.80	0.79	0.79	0.79	0.33	ppb
Lead	207-1	0.75	0.74	0.77	0.75	2.03	ppb
Lead	208-1	0.77	0.77	0.77	0.77	0.23	ppb
Lithium	6-1				106		%
Magnesium	24-2	16869.39	16637.69	16488.43	16665.17	1.15	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.22	0.29	0.25	0.25	12.69	ppb
Molybdenum	94-1	-0.01	0.00	0.01	0.00	7409.64	ppb
Molybdenum	95-1	0.03	0.04	0.00	0.02	85.29	ppb
Molybdenum	96-1	0.01	0.03	0.02	0.02	38.85	ppb
Molybdenum	97-1	0.05	0.01	0.00	0.02	110.03	ppb
Molybdenum	98-1	0.01	0.01	0.02	0.01	52.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.26	0.23	0.28	0.26	9.60	ppb
Phosphorus	31-2	-15.15	10.43	-15.15	-6.62		ppb
Potassium	39-2	876.65	843.97	844.97	855.20	2.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				88		%
Scandium	45-2				70		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.44	-0.44	-0.44	-0.44		ppb
Selenium	82-1	-0.35	-0.17	-0.16	-0.22		ppb
Silicon	28-1	15653.38	15484.83	15503.14	15547.12	0.59	ppb
Silver	109-1	0.06	0.07	0.08	0.07	12.73	ppb
Silver	107-1	0.07	0.08	0.08	0.08	12.39	ppb
Sodium	23-2	7544.01	7341.59	7339.01	7408.21	1.59	ppb
Strontium	86-1	107.48	108.44	107.99	107.97	0.44	ppb
Strontium	88-1	112.63	113.13	111.94	112.56	0.53	ppb
Sulfur	34-1	1467.98	1355.12	1398.54	1407.21	4.05	ppb
Terbium	159-1				115		%
Terbium	159-2				102		%
Thallium	203-1	-0.01	0.01	0.00	0.00	3704.84	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	199.22	ppb
Tin	118-1	0.22	0.25	0.27	0.24	10.03	ppb
Titanium	47-1	0.46	0.59	0.48	0.51	13.93	ppb
Uranium	238-1	0.00	0.01	0.01	0.00	267.04	ppb
Vanadium	51-2	5.87	5.87	5.40	5.71	4.70	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	21.78	21.09	20.12	21.00	3.95	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.01	112.80	ppb
Zirconium	91-1	0.01	0.02	0.00	0.01	131.28	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.03	8.92	9.48	8.14	22.74	ppb
Antimony	121-1	0.51	0.51	0.51	0.51	0.42	ppb
Arsenic	75-1	11.34	12.22	12.23	11.93	4.27	ppb
Barium	135-1	0.03	0.07	0.06	0.05	30.90	ppb
Barium	137-1	0.07	0.10	0.10	0.09	18.04	ppb
Beryllium	9-1	-0.08	-0.09	-0.10	-0.09		ppb
Bismuth	209-1				121		%
Bismuth	209-2				103		%
Boron	10-1	18.97	15.10	16.26	16.77	11.83	ppb
Boron	11-1	17.39	16.11	15.52	16.34	5.87	ppb
Cadmium	111-1	-0.04	-0.04	-0.03	-0.04		ppb
Cadmium	106-1	-1.11	-1.13	-1.10	-1.11		ppb
Cadmium	108-1	-0.10	-0.01	-0.08	-0.06		ppb
Calcium	43-1	55.55	45.93	51.78	51.09	9.48	ppb
Calcium	44-1	72.05	75.31	71.22	72.86	2.97	ppb
Chromium	52-2	1.34	1.41	1.49	1.41	5.38	ppb
Cobalt	59-2	-0.04	-0.05	-0.05	-0.05		ppb
Copper	63-2	223.79	222.09	232.43	226.11	2.45	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				115		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				85		%
Iron	56-2	21.14	23.32	22.32	22.26	4.90	ppb
Iron	57-2	24.27	17.45	24.89	22.20	18.58	ppb
Krypton	83-1	8183.70	3097.03	15537.02	8939.25	69.96	ppb
Lead	206-1	19.78	20.18	19.88	19.95	1.04	ppb
Lead	207-1	18.85	19.09	18.89	18.94	0.68	ppb
Lead	208-1	19.27	19.60	19.41	19.43	0.87	ppb
Lithium	6-1				104		%
Magnesium	24-2	9.51	10.57	12.35	10.81	13.30	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.13	0.21	0.27	0.20	34.10	ppb
Molybdenum	94-1	0.68	0.64	0.58	0.63	8.58	ppb
Molybdenum	95-1	1.00	0.92	0.94	0.96	4.51	ppb
Molybdenum	96-1	0.90	0.88	0.87	0.88	1.80	ppb
Molybdenum	97-1	0.93	0.98	0.89	0.93	4.96	ppb
Molybdenum	98-1	0.92	0.97	0.90	0.93	3.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.92	0.73	0.87	14.10	ppb
Phosphorus	31-2	35.37	110.80	37.54	61.23	70.12	ppb
Potassium	39-2	28.38	13.35	36.84	26.19	45.42	ppb
Rhodium	103-1				98		%
Rhodium	103-2				89		%
Scandium	45-1				86		%
Scandium	45-2				70		%
Selenium	77-2	0.00	5.05	0.00	1.68	173.21	ppb
Selenium	78-2	-0.44	0.39	0.39	0.11	421.52	ppb
Selenium	82-1	0.39	-0.02	0.86	0.41	106.15	ppb
Silicon	28-1	11879.85	11941.63	11765.67	11862.38	0.75	ppb
Silver	109-1	0.41	0.36	0.36	0.38	8.19	ppb
Silver	107-1	0.37	0.39	0.41	0.39	5.15	ppb
Sodium	23-2	70951.18	71665.32	73985.26	72200.59	2.20	ppb
Strontium	86-1	0.18	0.13	0.18	0.16	17.06	ppb
Strontium	88-1	0.20	0.20	0.19	0.20	3.62	ppb
Sulfur	34-1	2376.06	2517.02	2387.37	2426.82	3.23	ppb
Terbium	159-1				114		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	-0.01	-0.01	-0.01		ppb
Tin	118-1	189.20	191.81	191.55	190.85	0.76	ppb
Titanium	47-1	0.38	0.35	0.46	0.40	14.47	ppb
Uranium	238-1	0.09	0.09	0.07	0.08	17.04	ppb
Vanadium	51-2	0.96	0.95	1.08	1.00	7.12	ppb
Yttrium	89-1				97		%
Yttrium	89-2				80		%
Zinc	66-2	54.09	56.36	58.84	56.43	4.21	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.00	0.01	54.60	ppb
Zirconium	91-1	0.00	0.01	0.00	0.00	175.86	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.55	4.86	6.04	5.82	14.88	ppb
Antimony	121-1	0.27	0.26	0.29	0.28	5.47	ppb
Arsenic	75-1	9.18	9.13	9.23	9.18	0.53	ppb
Barium	135-1	431.39	423.76	426.94	427.36	0.90	ppb
Barium	137-1	437.26	438.90	436.88	437.68	0.24	ppb
Beryllium	9-1	-0.09	-0.07	-0.06	-0.08		ppb
Bismuth	209-1				120		%
Bismuth	209-2				102		%
Boron	10-1	49.97	51.07	52.92	51.32	2.90	ppb
Boron	11-1	50.42	53.39	52.22	52.01	2.87	ppb
Cadmium	111-1	0.04	0.03	0.04	0.03	18.89	ppb
Cadmium	106-1	-0.64	-0.63	-0.32	-0.53		ppb
Cadmium	108-1	0.01	-0.01	-0.03	-0.01		ppb
Calcium	43-1	123164.02	122399.34	122729.48	122764.28	0.31	ppb
Calcium	44-1	121798.68	121220.62	121134.32	121384.54	0.30	ppb
Chromium	52-2	0.64	0.47	0.45	0.52	19.32	ppb
Cobalt	59-2	0.06	0.04	0.09	0.07	37.18	ppb
Copper	63-2	17.31	15.91	15.67	16.30	5.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				116		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				86		%
Iron	56-2	11.28	10.35	10.37	10.67	4.99	ppb
Iron	57-2	11.45	16.59	15.60	14.54	18.75	ppb
Krypton	83-1	10445.67	5966.12	7299.38	7903.72	29.10	ppb
Lead	206-1	0.70	0.70	0.71	0.70	0.86	ppb
Lead	207-1	0.70	0.64	0.66	0.67	4.87	ppb
Lead	208-1	0.69	0.65	0.67	0.67	2.38	ppb
Lithium	6-1				105		%
Magnesium	24-2	34083.05	31206.38	31903.12	32397.52	4.63	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.81	5.56	5.18	5.52	5.77	ppb
Molybdenum	94-1	0.05	0.05	0.06	0.05	16.14	ppb
Molybdenum	95-1	0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	0.01	0.04	0.01	0.02	67.44	ppb
Molybdenum	97-1	0.01	0.03	0.00	0.01	153.72	ppb
Molybdenum	98-1	0.00	-0.01	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.58	1.50	1.34	1.47	8.19	ppb
Phosphorus	31-2	11.52	34.20	10.14	18.62	72.58	ppb
Potassium	39-2	1994.64	1764.41	1817.89	1858.98	6.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				70		%
Selenium	77-2	5.18	9.87	0.00	5.01	98.41	ppb
Selenium	78-2	1.27	1.19	2.83	1.76	52.45	ppb
Selenium	82-1	0.30	0.13	0.10	0.18	63.21	ppb
Silicon	28-1	7153.02	7163.38	7154.02	7156.80	0.08	ppb
Silver	109-1	0.06	0.07	0.07	0.07	8.34	ppb
Silver	107-1	0.07	0.07	0.07	0.07	6.11	ppb
Sodium	23-2	50186.53	46089.91	47163.76	47813.40	4.44	ppb
Strontium	86-1	164.60	160.83	162.04	162.49	1.19	ppb
Strontium	88-1	168.65	167.71	167.58	167.98	0.35	ppb
Sulfur	34-1	6369.51	6447.31	6473.68	6430.17	0.84	ppb
Terbium	159-1				115		%
Terbium	159-2				101		%
Thallium	203-1	0.00	0.01	0.00	0.01	96.89	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	290.56	ppb
Tin	118-1	0.32	0.26	0.27	0.28	10.24	ppb
Titanium	47-1	0.32	0.28	0.35	0.32	11.24	ppb
Uranium	238-1	0.68	0.67	0.66	0.67	0.86	ppb
Vanadium	51-2	0.37	0.31	0.38	0.35	10.74	ppb
Yttrium	89-1				99		%
Yttrium	89-2				80		%
Zinc	66-2	135.93	124.79	129.66	130.13	4.29	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.05	0.04	0.04	44.30	ppb
Zirconium	91-1	0.04	0.04	0.06	0.05	32.51	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52335.22	52651.82	54023.06	53003.37	1.69	ppb
Antimony	121-1	484.36	479.17	480.13	481.22	0.57	ppb
Arsenic	75-1	508.06	504.70	504.43	505.73	0.40	ppb
Barium	135-1	2540.43	2495.67	2489.03	2508.38	1.11	ppb
Barium	137-1	2521.07	2488.13	2468.37	2492.52	1.07	ppb
Beryllium	9-1	496.28	487.32	491.04	491.55	0.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				93		%
Boron	10-1	503.94	504.98	514.46	507.79	1.14	ppb
Boron	11-1	488.37	494.98	499.19	494.18	1.10	ppb
Cadmium	111-1	476.06	472.29	467.99	472.11	0.86	ppb
Cadmium	106-1	486.63	487.20	481.87	485.23	0.60	ppb
Cadmium	108-1	476.08	469.43	478.34	474.62	0.98	ppb
Calcium	43-1	242606.21	242816.97	243722.09	243048.42	0.24	ppb
Calcium	44-1	242125.42	242695.09	242150.23	242323.58	0.13	ppb
Chromium	52-2	535.23	536.78	550.01	540.68	1.50	ppb
Cobalt	59-2	514.13	513.37	527.59	518.36	1.54	ppb
Copper	63-2	1012.38	1013.54	1044.63	1023.52	1.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				80		%
Iron	56-2	130861.43	131347.42	134566.90	132258.58	1.52	ppb
Iron	57-2	133228.19	133360.47	134718.61	133769.09	0.62	ppb
Krypton	83-1	-5937.20	11957.14	746.53	2255.49	400.89	ppb
Lead	206-1	523.26	516.95	514.98	518.39	0.83	ppb
Lead	207-1	524.88	518.56	521.55	521.66	0.61	ppb
Lead	208-1	517.69	517.05	515.82	516.85	0.18	ppb
Lithium	6-1				91		%
Magnesium	24-2	253203.26	254588.76	260795.35	256195.79	1.58	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1013.55	1032.07	1050.13	1031.92	1.77	ppb
Molybdenum	94-1	2577.85	2538.53	2568.85	2561.74	0.80	ppb
Molybdenum	95-1	2588.37	2551.08	2567.93	2569.12	0.73	ppb
Molybdenum	96-1	2582.56	2551.16	2562.44	2565.39	0.62	ppb
Molybdenum	97-1	2595.14	2566.85	2580.12	2580.70	0.55	ppb
Molybdenum	98-1	2575.58	2541.22	2562.05	2559.62	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	522.70	528.55	543.23	531.49	1.99	ppb
Phosphorus	31-2	10577.23	9500.02	10888.58	10321.95	7.06	ppb
Potassium	39-2	125617.71	127392.08	128997.95	127335.91	1.33	ppb
Rhodium	103-1				87		%
Rhodium	103-2				81		%
Scandium	45-1				82		%
Scandium	45-2				69		%
Selenium	77-2	463.91	521.62	472.86	486.13	6.39	ppb
Selenium	78-2	505.02	501.73	454.90	487.22	5.75	ppb
Selenium	82-1	495.95	491.44	493.89	493.76	0.46	ppb
Silicon	28-1	527.14	532.99	538.28	532.80	1.05	ppb
Silver	109-1	486.33	480.32	480.89	482.51	0.69	ppb
Silver	107-1	481.09	482.04	473.31	478.81	1.00	ppb
Sodium	23-2	253169.98	255503.52	261147.96	256607.15	1.60	ppb
Strontium	86-1	506.59	500.69	501.13	502.80	0.65	ppb
Strontium	88-1	509.98	504.27	510.92	508.39	0.71	ppb
Sulfur	34-1	10310.90	10037.79	10091.04	10146.58	1.43	ppb
Terbium	159-1				106		%
Terbium	159-2				94		%
Thallium	203-1	527.00	516.35	518.62	520.66	1.08	ppb
Thallium	205-1	519.57	514.29	512.69	515.52	0.70	ppb
Tin	118-1	500.42	494.48	494.18	496.36	0.71	ppb
Titanium	47-1	2576.90	2547.53	2570.33	2564.92	0.60	ppb
Uranium	238-1	536.69	533.15	534.27	534.70	0.34	ppb
Vanadium	51-2	514.25	519.26	537.08	523.53	2.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				78		%
Zinc	66-2	1007.62	1010.72	1036.31	1018.22	1.55	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	509.13	508.62	508.47	508.74	0.07	ppb
Zirconium	91-1	515.87	508.30	505.61	509.93	1.04	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:11:56	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.24	2.79	2.46	2.16	37.71	ppb
Antimony	121-1	1.04	0.98	0.92	0.98	6.28	ppb
Arsenic	75-1	0.37	0.42	0.37	0.39	7.92	ppb
Barium	135-1	0.02	0.00	0.03	0.02	82.30	ppb
Barium	137-1	0.03	0.02	0.02	0.02	34.58	ppb
Beryllium	9-1	0.16	0.15	0.14	0.15	6.98	ppb
Bismuth	209-1				114		%
Bismuth	209-2				99		%
Boron	10-1	18.15	16.54	14.76	16.49	10.28	ppb
Boron	11-1	19.75	16.66	15.58	17.33	12.47	ppb
Cadmium	111-1	0.04	0.02	0.03	0.03	45.89	ppb
Cadmium	106-1	-0.16	-1.30	-0.74	-0.73		ppb
Cadmium	108-1	-0.02	-0.02	0.00	-0.02		ppb
Calcium	43-1	10.11	7.75	12.35	10.07	22.83	ppb
Calcium	44-1	11.24	12.86	12.83	12.31	7.55	ppb
Chromium	52-2	0.19	0.00	0.09	0.09	104.20	ppb
Cobalt	59-2	-0.02	-0.05	-0.06	-0.04		ppb
Copper	63-2	0.26	0.18	0.22	0.22	17.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				84		%
Iron	56-2	7.76	7.70	7.93	7.80	1.54	ppb
Iron	57-2	9.50	7.62	8.95	8.69	11.10	ppb
Krypton	83-1	-4972.44	-6169.01	-6687.66	-5943.03		ppb
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	-0.04	-0.03	-0.03	-0.03		ppb
Lead	208-1	-0.02	-0.03	-0.03	-0.03		ppb
Lithium	6-1				97		%
Magnesium	24-2	14.47	15.50	15.95	15.31	4.95	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:11:56	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.05	-0.01	0.05	124.56	ppb
Molybdenum	94-1	0.82	0.74	0.67	0.74	10.17	ppb
Molybdenum	95-1	0.91	0.81	0.84	0.85	6.40	ppb
Molybdenum	96-1	0.92	0.80	0.76	0.82	9.96	ppb
Molybdenum	97-1	0.82	0.74	0.81	0.79	5.47	ppb
Molybdenum	98-1	0.89	0.81	0.77	0.83	7.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	-0.05	-0.06	-0.06		ppb
Phosphorus	31-2	-15.15	-15.15	-15.15	-15.15		ppb
Potassium	39-2	5.63	-9.26	32.13	9.50	220.72	ppb
Rhodium	103-1				94		%
Rhodium	103-2				87		%
Scandium	45-1				82		%
Scandium	45-2				68		%
Selenium	77-2	5.15	0.00	0.00	1.72	173.21	ppb
Selenium	78-2	0.41	-0.44	0.41	0.13	391.94	ppb
Selenium	82-1	-0.53	-0.57	-0.48	-0.53		ppb
Silicon	28-1	-4.89	-6.87	-6.26	-6.01		ppb
Silver	109-1	0.08	0.08	0.09	0.08	9.55	ppb
Silver	107-1	0.09	0.09	0.09	0.09	2.73	ppb
Sodium	23-2	16.59	17.88	16.11	16.86	5.41	ppb
Strontium	86-1	0.01	0.00	0.04	0.02	101.02	ppb
Strontium	88-1	0.03	0.04	0.03	0.03	9.70	ppb
Sulfur	34-1	-255.42	-472.63	-305.53	-344.53		ppb
Terbium	159-1				106		%
Terbium	159-2				96		%
Thallium	203-1	0.13	0.12	0.11	0.12	7.98	ppb
Thallium	205-1	0.12	0.11	0.09	0.11	11.58	ppb
Tin	118-1	0.30	0.26	0.26	0.27	7.72	ppb
Titanium	47-1	0.16	0.23	0.13	0.18	29.94	ppb
Uranium	238-1	-0.05	-0.05	-0.05	-0.05		ppb
Vanadium	51-2	0.02	-0.02	-0.02	-0.01		ppb
Yttrium	89-1				92		%
Yttrium	89-2				78		%
Zinc	66-2	0.35	-0.05	0.33	0.21	105.90	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:11:56	DataFile Name :	063CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.13	0.15	0.12	0.13	12.02	ppb
Zirconium	91-1	0.12	0.14	0.14	0.13	8.79	ppb

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	15	33	23	37.64	cps
Antimony	121-1	117	58	83	86	33.98	cps
Arsenic	75-1	267	200	250	239	14.52	cps
Barium	135-1	192	225	250	222	13.17	cps
Barium	137-1	400	358	350	369	7.25	cps
Beryllium	9-1	222	178	233	211	13.93	cps
Bismuth	209-1	5439514	5316073	5226899	5327495	2.00	cps
Bismuth	209-2	1411739	1399075	1393999	1401604	0.65	cps
Boron	10-1	100	125	125	117	12.38	cps
Boron	11-1	558	492	483	511	8.04	cps
Cadmium	111-1	202	251	190	214	15.07	cps
Cadmium	106-1	1183	1342	1192	1239	7.19	cps
Cadmium	108-1	17	25	17	19	24.73	cps
Calcium	43-1	392	425	408	408	4.08	cps
Calcium	44-1	12214	11705	11597	11839	2.78	cps
Chromium	52-2	493	393	503	463	13.13	cps
Cobalt	59-2	197	223	193	204	8.04	cps
Copper	63-2	417	377	413	402	5.52	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	33	17	58	36	58.08	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	7737847	7673278	7523742	7644956	1.44	cps
Holmium	165-2	1687487	1682039	1686642	1685389	0.17	cps
Indium	115-1	6029446	5997851	5922661	5983319	0.92	cps
Indium	115-2	272191	272663	271411	272088	0.23	cps
Iron	56-2	1200	1378	1322	1300	7.00	cps
Iron	57-2	33	28	28	30	10.81	cps
Krypton	83-1	367	363	443	391	11.57	cps
Lead	206-1	822	700	783	769	8.13	cps
Lead	207-1	689	733	672	698	4.53	cps
Lead	208-1	2950	3106	3028	3028	2.57	cps
Lithium	6-1	1022555	1019097	1019267	1020307	0.19	cps
Magnesium	24-2	375	350	350	358	4.03	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	53	53	53	0.00	cps
Molybdenum	94-1	425	383	417	408	5.40	cps
Molybdenum	95-1	250	325	258	278	14.80	cps
Molybdenum	96-1	408	333	283	342	18.41	cps
Molybdenum	97-1	208	225	283	239	16.48	cps
Molybdenum	98-1	500	450	625	525	17.17	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	403	410	393	402	2.08	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2600	2609	2475	2561	2.92	cps
Rhodium	103-1	5786308	5771830	5541817	5699985	2.41	cps
Rhodium	103-2	1558379	1555475	1523519	1545791	1.25	cps
Scandium	45-1	3462066	3446449	3413566	3440694	0.72	cps
Scandium	45-2	26352	26993	26856	26733	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	6	43	-27	7	484.49	cps
Silicon	28-1	207910	206510	208618	207679	0.52	cps
Silver	109-1	50	25	25	33	43.30	cps
Silver	107-1	58	42	75	58	28.57	cps
Sodium	23-2	9512	8978	8686	9059	4.62	cps
Strontium	86-1	608	633	567	603	5.59	cps
Strontium	88-1	167	125	75	122	37.55	cps
Sulfur	34-1	348580	350705	354102	351129	0.79	cps
Terbium	159-1	7885033	7895071	7767461	7849188	0.90	cps
Terbium	159-2	1618244	1652153	1646076	1638824	1.10	cps
Thallium	203-1	417	450	342	403	13.78	cps
Thallium	205-1	950	933	933	939	1.02	cps
Tin	118-1	517	567	550	544	4.68	cps
Titanium	47-1	75	83	100	86	14.79	cps
Uranium	238-1	2100	2525	2559	2395	10.67	cps
Vanadium	51-2	37	30	40	36	14.32	cps
Yttrium	89-1	6197451	6159825	6064243	6140506	1.12	cps
Yttrium	89-2	199599	198669	198247	198838	0.35	cps
Zinc	66-2	80	73	60	71	14.32	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:08:13	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	500	467	564	24.92	cps
Zirconium	91-1	142	133	125	133	6.25	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	153	168	170	163	5.80	cps
Antimony	121-1	20174	20725	20516	20472	1.36	cps
Arsenic	75-1	2834	3109	2742	2895	6.59	cps
Barium	135-1	22387	21084	21176	21549	3.37	cps
Barium	137-1	38248	38708	38666	38541	0.66	cps
Beryllium	9-1	1345	1483	1472	1433	5.39	cps
Bismuth	209-1	5385894	5426215	5411768	5407959	0.38	cps
Bismuth	209-2	1421374	1400859	1398845	1407026	0.89	cps
Boron	10-1	3617	3601	3642	3620	0.58	cps
Boron	11-1	18012	17520	18363	17965	2.36	cps
Cadmium	111-1	2390	2537	2851	2592	9.08	cps
Cadmium	106-1	1492	1625	1767	1628	8.45	cps
Cadmium	108-1	233	229	221	228	2.79	cps
Calcium	43-1	11080	11397	11405	11294	1.64	cps
Calcium	44-1	192487	190021	193767	192092	0.99	cps
Chromium	52-2	2514	2347	2510	2457	3.88	cps
Cobalt	59-2	1997	2317	2174	2162	7.41	cps
Copper	63-2	3757	3937	3904	3866	2.48	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	50	33	44	21.64	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	58	50	50	53	9.12	cps
Gadolinium	160-2	3	0	13	6	124.93	cps
Holmium	165-1	7854713	7828035	7809254	7830667	0.29	cps
Holmium	165-2	1708611	1697687	1685040	1697113	0.70	cps
Indium	115-1	5966376	5942771	6014194	5974447	0.61	cps
Indium	115-2	271302	270978	268959	270413	0.47	cps
Iron	56-2	32789	34265	33056	33370	2.36	cps
Iron	57-2	828	761	950	846	11.32	cps
Krypton	83-1	407	493	430	443	10.12	cps
Lead	206-1	7786	8108	7919	7938	2.04	cps
Lead	207-1	7325	7119	6874	7106	3.17	cps
Lead	208-1	32645	32656	31561	32287	1.95	cps
Lithium	6-1	1023146	1039057	1035857	1032687	0.81	cps
Magnesium	24-2	15793	16076	15384	15751	2.21	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310	290	353	318	10.19	cps
Molybdenum	94-1	17403	17746	16677	17276	3.16	cps
Molybdenum	95-1	21818	21827	20608	21418	3.27	cps
Molybdenum	96-1	24273	23121	24264	23886	2.77	cps
Molybdenum	97-1	14342	14392	14684	14472	1.28	cps
Molybdenum	98-1	34679	34528	35581	34929	1.63	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1013	963	1080	1019	5.74	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	10746	10471	11288	10835	3.84	cps
Rhodium	103-1	5682634	5685858	5661185	5676559	0.24	cps
Rhodium	103-2	1549776	1551501	1545778	1549018	0.19	cps
Scandium	45-1	3460827	3472385	3510048	3481087	0.74	cps
Scandium	45-2	26589	26412	25797	26266	1.58	cps
Selenium	77-2	3	3	10	6	69.34	cps
Selenium	78-2	24	20	24	23	9.35	cps
Selenium	82-1	704	598	697	667	8.92	cps
Silicon	28-1	273507	272172	276901	274193	0.89	cps
Silver	109-1	10588	10897	11022	10835	2.06	cps
Silver	107-1	11288	12064	11322	11558	3.79	cps
Sodium	23-2	43000	42640	43351	42997	0.83	cps
Strontium	86-1	3459	3417	3509	3462	1.33	cps
Strontium	88-1	24197	24147	23287	23877	2.14	cps
Sulfur	34-1	355950	357829	357027	356935	0.26	cps
Terbium	159-1	7959619	7986362	7959726	7968569	0.19	cps
Terbium	159-2	1664856	1623432	1653262	1647184	1.30	cps
Thallium	203-1	9854	9045	9145	9348	4.72	cps
Thallium	205-1	21327	21886	22028	21747	1.70	cps
Tin	118-1	35557	35799	36150	35835	0.83	cps
Titanium	47-1	5535	5235	5610	5460	3.64	cps
Uranium	238-1	30254	31591	30422	30756	2.37	cps
Vanadium	51-2	3314	3380	3527	3407	3.20	cps
Yttrium	89-1	6162824	6168239	6121125	6150729	0.42	cps
Yttrium	89-2	199947	199321	198385	199218	0.39	cps
Zinc	66-2	427	413	497	446	10.05	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:15:50	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13658	14033	14325	14005	2.39	cps
Zirconium	91-1	3192	3167	3401	3253	3.94	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7119	6891	6941	6984	1.71	cps
Antimony	121-1	518705	517205	525785	520565	0.88	cps
Arsenic	75-1	135402	136061	136009	135824	0.27	cps
Barium	135-1	562907	559699	558948	560518	0.38	cps
Barium	137-1	987999	987837	986224	987353	0.10	cps
Beryllium	9-1	67347	68133	68730	68070	1.02	cps
Bismuth	209-1	5412747	5443238	5407617	5421201	0.36	cps
Bismuth	209-2	1395367	1399638	1400173	1398393	0.19	cps
Boron	10-1	7302	8053	7611	7655	4.93	cps
Boron	11-1	36823	36347	38093	37088	2.43	cps
Cadmium	111-1	119437	118451	120222	119370	0.74	cps
Cadmium	106-1	13975	13324	13874	13724	2.55	cps
Cadmium	108-1	8632	8607	8511	8583	0.74	cps
Calcium	43-1	115515	115312	116127	115651	0.37	cps
Calcium	44-1	1920582	1924390	1919873	1921615	0.13	cps
Chromium	52-2	59613	59676	59623	59637	0.06	cps
Cobalt	59-2	101123	101983	102113	101740	0.53	cps
Copper	63-2	178219	176869	176990	177359	0.42	cps
Dysprosium	156-1	42	42	8	31	62.99	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	67	67	42	58	24.74	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	7765311	7723155	7765603	7751357	0.32	cps
Holmium	165-2	1677897	1701751	1685091	1688246	0.72	cps
Indium	115-1	5901307	5895128	5903514	5899983	0.07	cps
Indium	115-2	266518	267950	269036	267835	0.47	cps
Iron	56-2	1658031	1629321	1656549	1647967	0.98	cps
Iron	57-2	41184	40581	40682	40816	0.79	cps
Krypton	83-1	457	463	473	464	1.81	cps
Lead	206-1	368144	366148	367375	367222	0.27	cps
Lead	207-1	333292	333383	327408	331361	1.03	cps
Lead	208-1	1505519	1502251	1497479	1501750	0.27	cps
Lithium	6-1	1017329	1043035	1023284	1027883	1.31	cps
Magnesium	24-2	158043	157252	160697	158664	1.14	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27851	27310	27988	27717	1.29	cps
Molybdenum	94-1	903545	901409	908801	904585	0.42	cps
Molybdenum	95-1	1120775	1109470	1119419	1116555	0.55	cps
Molybdenum	96-1	1236678	1242711	1239548	1239646	0.24	cps
Molybdenum	97-1	698336	692055	701933	697441	0.72	cps
Molybdenum	98-1	1811854	1835372	1806221	1817816	0.85	cps
Neodymium	150-1	27	40	80	49	56.77	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	36083	35739	35829	35884	0.50	cps
Phosphorus	31-2	500	383	442	442	13.21	cps
Potassium	39-2	44296	44981	46168	45148	2.10	cps
Rhodium	103-1	5576554	5629631	5541880	5582688	0.79	cps
Rhodium	103-2	1523184	1530345	1513756	1522428	0.55	cps
Scandium	45-1	3445601	3445279	3404608	3431829	0.69	cps
Scandium	45-2	26185	26442	26292	26306	0.49	cps
Selenium	77-2	70	73	37	60	33.79	cps
Selenium	78-2	163	143	117	141	16.49	cps
Selenium	82-1	7489	7207	7171	7289	2.39	cps
Silicon	28-1	446482	444771	583255	491503	16.17	cps
Silver	109-1	554607	554252	556633	555164	0.23	cps
Silver	107-1	575475	581860	581223	579519	0.61	cps
Sodium	23-2	350739	348156	351998	350298	0.56	cps
Strontium	86-1	138866	139346	137175	138462	0.82	cps
Strontium	88-1	1206008	1194514	1198054	1199526	0.49	cps
Sulfur	34-1	387386	387487	384363	386412	0.46	cps
Terbium	159-1	7956645	8024237	8008971	7996617	0.44	cps
Terbium	159-2	1649429	1649653	1655523	1651535	0.21	cps
Thallium	203-1	449329	443945	446703	446659	0.60	cps
Thallium	205-1	1085689	1080540	1072568	1079599	0.61	cps
Tin	118-1	361940	363281	362213	362478	0.20	cps
Titanium	47-1	281953	280668	280609	281076	0.27	cps
Uranium	238-1	1471194	1494434	1497605	1487744	0.97	cps
Vanadium	51-2	33266	32695	32842	32934	0.90	cps
Yttrium	89-1	6191806	6209394	6160831	6187343	0.40	cps
Yttrium	89-2	195031	195184	195348	195188	0.08	cps
Zinc	66-2	17471	17211	17314	17332	0.76	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:19:35	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	740895	744303	749343	744847	0.57	cps
Zirconium	91-1	163983	164154	166945	165027	1.01	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17195	17140	16601	16979	1.93	cps
Antimony	121-1	1329699	1317398	1328111	1325069	0.50	cps
Arsenic	75-1	338471	338250	336216	337646	0.37	cps
Barium	135-1	1405890	1399342	1410115	1405115	0.39	cps
Barium	137-1	2503480	2476347	2549341	2509722	1.47	cps
Beryllium	9-1	168620	168722	166670	168004	0.69	cps
Bismuth	209-1	5488177	5542326	5429585	5486696	1.03	cps
Bismuth	209-2	1424792	1400721	1397382	1407632	1.06	cps
Boron	10-1	18121	18379	19197	18565	3.03	cps
Boron	11-1	89597	92079	91324	91000	1.40	cps
Cadmium	111-1	299245	296296	297733	297758	0.50	cps
Cadmium	106-1	32089	32891	32599	32526	1.25	cps
Cadmium	108-1	21739	22920	21584	22081	3.31	cps
Calcium	43-1	286051	286722	283501	285425	0.60	cps
Calcium	44-1	4647189	4641196	4610587	4632991	0.42	cps
Chromium	52-2	130707	132271	129193	130724	1.18	cps
Cobalt	59-2	250759	248096	247125	248660	0.76	cps
Copper	63-2	434462	431218	427635	431105	0.79	cps
Dysprosium	156-1	58	83	42	61	34.32	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	58	58	56	8.67	cps
Gadolinium	160-2	7	23	3	11	96.43	cps
Holmium	165-1	7818753	7866790	7692871	7792804	1.15	cps
Holmium	165-2	1756497	1704108	1683066	1714557	2.21	cps
Indium	115-1	5997190	5946235	5954698	5966041	0.46	cps
Indium	115-2	268501	263584	265792	265959	0.93	cps
Iron	56-2	3952913	3947390	3923729	3941344	0.39	cps
Iron	57-2	99822	101780	99273	100292	1.31	cps
Krypton	83-1	373	403	413	397	5.25	cps
Lead	206-1	926677	933135	925444	928418	0.44	cps
Lead	207-1	841058	845392	840673	842375	0.31	cps
Lead	208-1	3846397	3837921	3875948	3853422	0.52	cps
Lithium	6-1	1038377	1046608	1038508	1041164	0.45	cps
Magnesium	24-2	387817	383413	380224	383818	0.99	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66547	67027	66213	66596	0.61	cps
Molybdenum	94-1	2284676	2291980	2297894	2291517	0.29	cps
Molybdenum	95-1	2800125	2813770	2793327	2802408	0.37	cps
Molybdenum	96-1	3088716	3096422	3097385	3094174	0.15	cps
Molybdenum	97-1	1760421	1747788	1773451	1760553	0.73	cps
Molybdenum	98-1	4472667	4463082	4534501	4490083	0.86	cps
Neodymium	150-1	100	73	60	78	26.18	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	81768	80454	82285	81502	1.16	cps
Phosphorus	31-2	1142	1350	1108	1200	10.91	cps
Potassium	39-2	105795	105047	103151	104664	1.30	cps
Rhodium	103-1	5571171	5660183	5580915	5604089	0.87	cps
Rhodium	103-2	1516024	1502941	1515868	1511611	0.50	cps
Scandium	45-1	3394592	3453812	3387068	3411824	1.07	cps
Scandium	45-2	25750	24922	25109	25261	1.72	cps
Selenium	77-2	117	127	113	119	5.84	cps
Selenium	78-2	372	356	357	362	2.53	cps
Selenium	82-1	18223	17822	17731	17925	1.46	cps
Silicon	28-1	773647	772605	773733	773328	0.08	cps
Silver	109-1	1381840	1385908	1373949	1380566	0.44	cps
Silver	107-1	1450492	1444858	1459767	1451706	0.52	cps
Sodium	23-2	855892	851402	846895	851396	0.53	cps
Strontium	86-1	344020	343171	342014	343068	0.29	cps
Strontium	88-1	3019666	3027323	3001318	3016102	0.44	cps
Sulfur	34-1	424946	427025	419935	423968	0.86	cps
Terbium	159-1	8128565	8081264	8057356	8089062	0.45	cps
Terbium	159-2	1678970	1646454	1662858	1662760	0.98	cps
Thallium	203-1	1139880	1151905	1130738	1140841	0.93	cps
Thallium	205-1	2797830	2797256	2775985	2790357	0.45	cps
Tin	118-1	910649	909273	909744	909889	0.08	cps
Titanium	47-1	690747	691469	688416	690211	0.23	cps
Uranium	238-1	3785206	3817326	3779266	3793933	0.54	cps
Vanadium	51-2	82226	82679	81700	82202	0.60	cps
Yttrium	89-1	6140822	6129194	6101447	6123821	0.33	cps
Yttrium	89-2	195707	193445	192260	193804	0.90	cps
Zinc	66-2	43632	42890	41967	42829	1.95	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:23:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1898512	1889853	1892546	1893637	0.23	cps
Zirconium	91-1	414300	414207	415687	414731	0.20	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32250	31620	31543	31804	1.22	cps
Antimony	121-1	2736831	2716639	2691529	2715000	0.84	cps
Arsenic	75-1	664473	672267	666753	667831	0.60	cps
Barium	135-1	2886636	2859910	2844070	2863539	0.75	cps
Barium	137-1	5000467	4997214	5000201	4999294	0.04	cps
Beryllium	9-1	330022	329098	329951	329690	0.16	cps
Bismuth	209-1	5279891	5606434	5595462	5493929	3.38	cps
Bismuth	209-2	1398224	1369452	1374511	1380729	1.11	cps
Boron	10-1	36489	37249	37124	36954	1.10	cps
Boron	11-1	177840	182268	183804	181304	1.71	cps
Cadmium	111-1	599867	598387	596310	598188	0.30	cps
Cadmium	106-1	65276	64480	63299	64352	1.55	cps
Cadmium	108-1	42651	43395	43466	43171	1.05	cps
Calcium	43-1	560488	557450	556884	558274	0.35	cps
Calcium	44-1	9056790	8992192	9019522	9022835	0.36	cps
Chromium	52-2	209651	209864	209901	209805	0.06	cps
Cobalt	59-2	465250	463135	458819	462401	0.71	cps
Copper	63-2	809958	809446	801242	806882	0.61	cps
Dysprosium	156-1	75	0	17	31	128.88	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	25	42	50	39	32.73	cps
Gadolinium	160-2	10	7	10	9	21.63	cps
Holmium	165-1	7330368	7981406	7982089	7764621	4.84	cps
Holmium	165-2	1697964	1677367	1685408	1686913	0.62	cps
Indium	115-1	5553827	5895585	5878920	5776111	3.34	cps
Indium	115-2	254162	251408	250615	252061	0.74	cps
Iron	56-2	7313191	7265675	7151463	7243443	1.15	cps
Iron	57-2	185787	183035	181612	183478	1.16	cps
Krypton	83-1	413	393	357	388	7.41	cps
Lead	206-1	1926362	1926954	1922562	1925292	0.12	cps
Lead	207-1	1719325	1735672	1746127	1733708	0.78	cps
Lead	208-1	7872983	7863707	7896957	7877882	0.22	cps
Lithium	6-1	973166	1037633	1054964	1021921	4.22	cps
Magnesium	24-2	721783	717927	723768	721159	0.41	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124579	124848	124320	124582	0.21	cps
Molybdenum	94-1	4506296	4521411	4511860	4513189	0.17	cps
Molybdenum	95-1	5540031	5576620	5550517	5555723	0.34	cps
Molybdenum	96-1	6158858	6098033	6120706	6125866	0.50	cps
Molybdenum	97-1	3522609	3501699	3492089	3505466	0.45	cps
Molybdenum	98-1	8952885	8910043	8883924	8915617	0.39	cps
Neodymium	150-1	133	140	107	127	13.93	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	139154	138289	139483	138975	0.44	cps
Phosphorus	31-2	2150	1875	2034	2020	6.83	cps
Potassium	39-2	191019	190961	189974	190651	0.31	cps
Rhodium	103-1	5169810	5517217	5519676	5402234	3.73	cps
Rhodium	103-2	1456126	1438808	1433982	1442972	0.81	cps
Scandium	45-1	3116849	3323900	3297261	3246003	3.47	cps
Scandium	45-2	23914	23463	23473	23617	1.09	cps
Selenium	77-2	223	223	140	196	24.60	cps
Selenium	78-2	685	709	659	685	3.65	cps
Selenium	82-1	36557	36306	35998	36287	0.77	cps
Silicon	28-1	1284468	1278685	1277995	1280383	0.28	cps
Silver	109-1	2800007	2781161	2795353	2792174	0.35	cps
Silver	107-1	2932453	2926888	2933424	2930922	0.12	cps
Sodium	23-2	1616462	1610737	1599689	1608962	0.53	cps
Strontium	86-1	685649	685972	682456	684692	0.28	cps
Strontium	88-1	5937444	5943029	5944220	5941564	0.06	cps
Sulfur	34-1	487852	488316	484130	486766	0.47	cps
Terbium	159-1	7556025	8151872	8163961	7957286	4.37	cps
Terbium	159-2	1663980	1603617	1627103	1631567	1.86	cps
Thallium	203-1	2371835	2410947	2390854	2391212	0.82	cps
Thallium	205-1	5640429	5608500	5612543	5620491	0.31	cps
Tin	118-1	1835111	1862555	1858086	1851917	0.80	cps
Titanium	47-1	1394017	1374009	1372165	1380064	0.88	cps
Uranium	238-1	7821297	7801712	7792664	7805225	0.19	cps
Vanadium	51-2	153004	151610	152028	152214	0.47	cps
Yttrium	89-1	5678324	6057814	6123653	5953264	4.04	cps
Yttrium	89-2	184880	183423	182208	183504	0.73	cps
Zinc	66-2	79111	80240	78933	79428	0.89	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:26:57	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3761260	3746117	3768417	3758598	0.30	cps
Zirconium	91-1	832665	829818	827632	830038	0.30	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58562	58122	57251	57978	1.15	cps
Antimony	121-1	5306655	5323111	5283419	5304395	0.38	cps
Arsenic	75-1	1265469	1257167	1261692	1261443	0.33	cps
Barium	135-1	5575126	5596600	5517950	5563225	0.73	cps
Barium	137-1	9868953	9801730	9778072	9816252	0.48	cps
Beryllium	9-1	626642	622693	623917	624417	0.32	cps
Bismuth	209-1	5638744	5679590	5542583	5620306	1.25	cps
Bismuth	209-2	1330478	1341625	1359850	1343984	1.10	cps
Boron	10-1	70590	70365	73011	71322	2.06	cps
Boron	11-1	344934	351657	353321	349970	1.27	cps
Cadmium	111-1	1160554	1159203	1168099	1162618	0.41	cps
Cadmium	106-1	122300	122023	123469	122597	0.63	cps
Cadmium	108-1	85104	83561	85498	84721	1.21	cps
Calcium	43-1	1051117	1046223	1050062	1049134	0.25	cps
Calcium	44-1	17170246	16927083	16861527	16986285	0.96	cps
Chromium	52-2	380754	381874	377779	380136	0.56	cps
Cobalt	59-2	846870	841203	841165	843079	0.39	cps
Copper	63-2	1473286	1482974	1465284	1473848	0.60	cps
Dysprosium	156-1	150	100	42	97	55.77	cps
Dysprosium	156-2	7	17	7	10	57.72	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	17	13	3	11	62.48	cps
Gadolinium	160-1	58	58	75	64	15.05	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	8046795	8103216	7927770	8025927	1.12	cps
Holmium	165-2	1626729	1666264	1642352	1645115	1.21	cps
Indium	115-1	5762869	5803905	5664310	5743695	1.25	cps
Indium	115-2	234131	236142	236326	235533	0.52	cps
Iron	56-2	13309368	13241445	13128859	13226557	0.69	cps
Iron	57-2	338558	337241	333038	336279	0.86	cps
Krypton	83-1	417	440	350	402	11.61	cps
Lead	206-1	3829427	3843681	3803360	3825489	0.53	cps
Lead	207-1	3471497	3494870	3511113	3492493	0.57	cps
Lead	208-1	15641756	15748907	15758162	15716275	0.41	cps
Lithium	6-1	1040489	1015183	990182	1015285	2.48	cps
Magnesium	24-2	1338589	1334030	1329419	1334013	0.34	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	225251	224673	224581	224835	0.16	cps
Molybdenum	94-1	8695488	8491937	8559612	8582346	1.21	cps
Molybdenum	95-1	10655362	10627130	10658549	10647014	0.16	cps
Molybdenum	96-1	11853061	11754644	11806476	11804727	0.42	cps
Molybdenum	97-1	6759388	6630639	6708878	6699635	0.97	cps
Molybdenum	98-1	17357829	17222334	17254139	17278101	0.41	cps
Neodymium	150-1	327	287	253	289	12.71	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	250784	253130	248654	250856	0.89	cps
Phosphorus	31-2	3684	3784	3717	3728	1.37	cps
Potassium	39-2	339172	340964	338594	339577	0.36	cps
Rhodium	103-1	5353019	5345229	5253831	5317359	1.04	cps
Rhodium	103-2	1365108	1368867	1369802	1367926	0.18	cps
Scandium	45-1	3129144	3159605	3076517	3121755	1.35	cps
Scandium	45-2	21941	20902	21543	21462	2.44	cps
Selenium	77-2	367	327	370	354	6.80	cps
Selenium	78-2	1237	1156	1211	1201	3.47	cps
Selenium	82-1	68675	68875	68543	68698	0.24	cps
Silicon	28-1	2149210	2119673	2137117	2135333	0.70	cps
Silver	109-1	5376824	5355465	5387349	5373213	0.30	cps
Silver	107-1	5592437	5608344	5576901	5592561	0.28	cps
Sodium	23-2	2947537	2925053	2886273	2919621	1.06	cps
Strontium	86-1	1320714	1323806	1327162	1323894	0.24	cps
Strontium	88-1	11509709	11377502	11471292	11452834	0.59	cps
Sulfur	34-1	602291	599232	592494	598006	0.84	cps
Terbium	159-1	8262578	8257983	8199957	8240173	0.42	cps
Terbium	159-2	1555498	1590604	1589264	1578455	1.26	cps
Thallium	203-1	4825025	4738711	4753862	4772533	0.97	cps
Thallium	205-1	11152304	11217391	11147159	11172285	0.35	cps
Tin	118-1	3633629	3644438	3648451	3642173	0.21	cps
Titanium	47-1	2603709	2552433	2594877	2583673	1.06	cps
Uranium	238-1	15874817	15837490	15849270	15853859	0.12	cps
Vanadium	51-2	279261	279869	275956	278362	0.76	cps
Yttrium	89-1	5969156	5953484	5839441	5920694	1.20	cps
Yttrium	89-2	170627	170368	170233	170409	0.12	cps
Zinc	66-2	146363	143995	143530	144629	1.05	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:30:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7203153	7182192	7243206	7209517	0.43	cps
Zirconium	91-1	1647706	1629634	1636699	1638013	0.56	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 14:33:57 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	109249	108188	108765	108734	0.49	cps
Antimony	121-1	10362140	10339521	10311005	10337555	0.25	cps
Arsenic	75-1	2435980	2430776	2407830	2424862	0.62	cps
Barium	135-1	10927555	10823410	10851176	10867380	0.50	cps
Barium	137-1	19229189	18976739	19156589	19120839	0.68	cps
Beryllium	9-1	1205668	1196348	1195467	1199161	0.47	cps
Bismuth	209-1	5615191	5682633	5611051	5636292	0.71	cps
Bismuth	209-2	1305873	1306118	1293741	1301911	0.54	cps
Boron	10-1	136183	136224	140018	137475	1.60	cps
Boron	11-1	662932	675630	679644	672735	1.30	cps
Cadmium	111-1	2286899	2277788	2292549	2285745	0.33	cps
Cadmium	106-1	237991	239073	236524	237863	0.54	cps
Cadmium	108-1	162933	162688	163835	163152	0.37	cps
Calcium	43-1	2009927	2010172	2006086	2008728	0.11	cps
Calcium	44-1	32152644	32148324	32057224	32119397	0.17	cps
Chromium	52-2	714852	709430	704766	709683	0.71	cps
Cobalt	59-2	1616579	1602317	1596658	1605185	0.64	cps
Copper	63-2	2790187	2792384	2766667	2783080	0.51	cps
Dysprosium	156-1	117	125	125	122	3.94	cps
Dysprosium	156-2	13	10	20	14	35.26	cps
Erbium	164-1	67	42	17	42	60.00	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	33	100	142	92	59.62	cps
Gadolinium	160-2	17	13	20	17	20.01	cps
Holmium	165-1	8053207	8083665	8035574	8057482	0.30	cps
Holmium	165-2	1617127	1596602	1598676	1604135	0.70	cps
Indium	115-1	5575054	5644974	5534707	5584912	1.00	cps
Indium	115-2	217851	219517	217015	218128	0.58	cps
Iron	56-2	24803768	24677926	24616412	24699368	0.39	cps
Iron	57-2	633519	629022	625754	629432	0.62	cps
Krypton	83-1	357	327	330	338	4.87	cps
Lead	206-1	7594884	7603585	7516809	7571759	0.63	cps
Lead	207-1	6872451	6878114	6888900	6879822	0.12	cps
Lead	208-1	31113594	31185769	31044687	31114683	0.23	cps
Lithium	6-1	987030	1001982	966626	985213	1.80	cps
Magnesium	24-2	2500186	2464258	2492122	2485522	0.76	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:33:57	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	422078	421597	419439	421038	0.33	cps
Molybdenum	94-1	16710907	16764625	16722890	16732807	0.17	cps
Molybdenum	95-1	20653520	20470681	20498981	20541061	0.48	cps
Molybdenum	96-1	23002382	22930136	22723848	22885455	0.63	cps
Molybdenum	97-1	12997586	12960456	12982603	12980215	0.14	cps
Molybdenum	98-1	33685023	33293937	33615853	33531604	0.62	cps
Neodymium	150-1	467	453	367	429	12.66	cps
Neodymium	150-2	13	23	7	14	58.06	cps
Nickel	60-2	463690	464277	465411	464459	0.19	cps
Phosphorus	31-2	7210	6927	7119	7085	2.04	cps
Potassium	39-2	636142	628423	627809	630791	0.74	cps
Rhodium	103-1	5114275	5144176	5112126	5123525	0.35	cps
Rhodium	103-2	1297137	1304940	1290771	1297616	0.55	cps
Scandium	45-1	3011383	3023746	2964942	3000024	1.03	cps
Scandium	45-2	20281	20382	20372	20345	0.27	cps
Selenium	77-2	663	663	700	676	3.13	cps
Selenium	78-2	2322	2224	2239	2262	2.34	cps
Selenium	82-1	131285	131174	131081	131180	0.08	cps
Silicon	28-1	3663792	3650510	3655936	3656746	0.18	cps
Silver	109-1	10194658	10193626	10152852	10180379	0.23	cps
Silver	107-1	10632879	10642764	10712992	10662878	0.41	cps
Sodium	23-2	5455731	5448699	5369326	5424586	0.88	cps
Strontium	86-1	2563131	2586850	2568593	2572858	0.48	cps
Strontium	88-1	21984268	22109307	22124202	22072592	0.35	cps
Sulfur	34-1	831364	833032	830597	831664	0.15	cps
Terbium	159-1	8269813	8331371	8137175	8246120	1.20	cps
Terbium	159-2	1567215	1552594	1549780	1556529	0.60	cps
Thallium	203-1	9329619	9418103	9354607	9367443	0.49	cps
Thallium	205-1	22498020	22340810	22327406	22388745	0.42	cps
Tin	118-1	7066048	7085291	7060290	7070543	0.19	cps
Titanium	47-1	4772969	4809178	4761116	4781088	0.52	cps
Uranium	238-1	32414568	32249438	32195490	32286499	0.35	cps
Vanadium	51-2	526632	523277	523765	524558	0.35	cps
Yttrium	89-1	5759350	5772338	5699363	5743684	0.68	cps
Yttrium	89-2	162436	163542	161655	162544	0.58	cps
Zinc	66-2	273787	271817	267684	271096	1.15	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:33:57	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13871656	13969284	13945934	13928958	0.37	cps
Zirconium	91-1	3106777	3149053	3138462	3131431	0.70	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	599309	607925	601942	603059	0.73	cps
Antimony	121-1	28840	28289	28214	28448	1.20	cps
Arsenic	75-1	4243	3776	4142	4054	6.06	cps
Barium	135-1	3451	3201	2892	3181	8.79	cps
Barium	137-1	5802	5443	5385	5543	4.07	cps
Beryllium	9-1	917	761	789	822	10.09	cps
Bismuth	209-1	5146569	5200906	5223188	5190221	0.76	cps
Bismuth	209-2	1247090	1242085	1248126	1245767	0.26	cps
Boron	10-1	6310	6068	6052	6143	2.35	cps
Boron	11-1	30634	28504	26609	28582	7.05	cps
Cadmium	111-1	600	587	648	612	5.25	cps
Cadmium	106-1	1458	1208	1275	1314	9.85	cps
Cadmium	108-1	75	50	63	63	20.00	cps
Calcium	43-1	10139927	10222433	10332720	10231693	0.95	cps
Calcium	44-1	165256770	167000904	168585200	166947625	1.00	cps
Chromium	52-2	41595	42561	42217	42125	1.16	cps
Cobalt	59-2	21380	21577	21697	21551	0.74	cps
Copper	63-2	7405	7586	7175	7389	2.78	cps
Dysprosium	156-1	167	83	92	114	40.30	cps
Dysprosium	156-2	13	33	33	27	43.31	cps
Erbium	164-1	33	17	67	39	65.47	cps
Erbium	164-2	13	23	20	19	26.96	cps
Gadolinium	160-1	108	58	108	92	31.49	cps
Gadolinium	160-2	20	13	13	16	24.76	cps
Holmium	165-1	7697626	7901569	7917253	7838816	1.56	cps
Holmium	165-2	1628259	1633862	1631421	1631180	0.17	cps
Indium	115-1	5515957	5553055	5574973	5547995	0.54	cps
Indium	115-2	236507	238752	238363	237874	0.50	cps
Iron	56-2	130920878	132722170	132727109	132123385	0.79	cps
Iron	57-2	3334137	3378323	3398223	3370228	0.97	cps
Krypton	83-1	393	293	397	361	16.26	cps
Lead	206-1	8053	8259	7591	7968	4.29	cps
Lead	207-1	7158	7008	7002	7056	1.25	cps
Lead	208-1	31961	32723	31516	32067	1.90	cps
Lithium	6-1	956742	964880	975292	965638	0.96	cps
Magnesium	24-2	12992439	13172181	13079177	13081266	0.69	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3430	3757	3794	3661	5.47	cps
Molybdenum	94-1	25015	23813	25299	24709	3.19	cps
Molybdenum	95-1	39759	39809	39325	39631	0.67	cps
Molybdenum	96-1	44950	45092	45469	45170	0.59	cps
Molybdenum	97-1	25199	23504	24865	24523	3.66	cps
Molybdenum	98-1	66581	63256	60804	63547	4.56	cps
Neodymium	150-1	180	87	100	122	41.30	cps
Neodymium	150-2	17	3	10	10	66.70	cps
Nickel	60-2	21650	21837	21811	21766	0.46	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3484549	3567526	3527569	3526548	1.18	cps
Rhodium	103-1	4891070	4976568	4992108	4953249	1.10	cps
Rhodium	103-2	1301554	1306539	1316563	1308219	0.58	cps
Scandium	45-1	2987260	3063451	3086939	3045883	1.71	cps
Scandium	45-2	22214	22395	22238	22282	0.44	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	134	205	85	141	42.92	cps
Silicon	28-1	269686	296093	272912	279564	5.15	cps
Silver	109-1	1834	1342	1400	1525	17.62	cps
Silver	107-1	1667	1533	1592	1597	4.19	cps
Sodium	23-2	28864841	29221846	29238963	29108550	0.73	cps
Strontium	86-1	12590	13549	12448	12862	4.66	cps
Strontium	88-1	107464	104557	107396	106472	1.56	cps
Sulfur	34-1	296597	302302	301505	300134	1.03	cps
Terbium	159-1	7958556	8078269	8131034	8055953	1.10	cps
Terbium	159-2	1558511	1562037	1551560	1557369	0.34	cps
Thallium	203-1	5310	4876	4668	4951	6.61	cps
Thallium	205-1	13466	12098	11339	12301	8.76	cps
Tin	118-1	17521	17888	16920	17443	2.80	cps
Titanium	47-1	1734	1884	1550	1722	9.69	cps
Uranium	238-1	7561	7144	6869	7191	4.85	cps
Vanadium	51-2	350	330	280	320	11.27	cps
Yttrium	89-1	5696962	5723610	5816001	5745524	1.09	cps
Yttrium	89-2	174965	175508	178432	176301	1.06	cps
Zinc	66-2	2277	2250	2257	2261	0.61	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:37:21	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6235	6002	5176	5804	9.58	cps
Zirconium	91-1	1442	1217	975	1211	19.27	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3174	3196	3021	3130	3.04	cps
Antimony	121-1	2075896	2080669	2049262	2068609	0.82	cps
Arsenic	75-1	518161	515420	518015	517199	0.30	cps
Barium	135-1	218282	216890	216619	217264	0.41	cps
Barium	137-1	383792	384272	387141	385068	0.47	cps
Beryllium	9-1	125039	127045	123923	125336	1.26	cps
Bismuth	209-1	5608078	5596453	5660957	5621829	0.61	cps
Bismuth	209-2	1403982	1399656	1392656	1398765	0.41	cps
Boron	10-1	67141	69201	70934	69092	2.75	cps
Boron	11-1	331225	346989	349694	342636	2.91	cps
Cadmium	111-1	234156	233526	235836	234506	0.51	cps
Cadmium	106-1	39776	40136	40019	39977	0.46	cps
Cadmium	108-1	22953	22077	22440	22490	1.96	cps
Calcium	43-1	46687	49254	47247	47729	2.83	cps
Calcium	44-1	753925	756271	749656	753284	0.45	cps
Chromium	52-2	83145	81656	82069	82290	0.93	cps
Cobalt	59-2	188304	187303	187594	187733	0.27	cps
Copper	63-2	166264	163799	164783	164949	0.75	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	108	58	75	81	31.60	cps
Erbium	164-2	27	10	10	16	61.87	cps
Gadolinium	160-1	50	33	42	42	20.00	cps
Gadolinium	160-2	3	10	3	6	69.34	cps
Holmium	165-1	7931983	7879603	7976132	7929239	0.61	cps
Holmium	165-2	1688092	1695406	1675194	1686231	0.61	cps
Indium	115-1	5857229	5908708	6001055	5922331	1.23	cps
Indium	115-2	258862	258171	252776	256603	1.30	cps
Iron	56-2	589131	588536	585724	587797	0.31	cps
Iron	57-2	14947	15314	15114	15125	1.21	cps
Krypton	83-1	383	460	417	420	9.15	cps
Lead	206-1	1498718	1495342	1498493	1497518	0.13	cps
Lead	207-1	1314400	1315417	1313289	1314368	0.08	cps
Lead	208-1	6094196	6152728	6062213	6103045	0.75	cps
Lithium	6-1	1022142	1010046	1046363	1026184	1.80	cps
Magnesium	24-2	34768	33858	34702	34443	1.47	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24211	24111	24235	24186	0.27	cps
Molybdenum	94-1	3892210	3905671	3886754	3894879	0.25	cps
Molybdenum	95-1	2217140	2203839	2221935	2214305	0.42	cps
Molybdenum	96-1	2819686	2829101	2769259	2806016	1.15	cps
Molybdenum	97-1	1349197	1349070	1351181	1349816	0.09	cps
Molybdenum	98-1	3500965	3475329	3516028	3497441	0.59	cps
Neodymium	150-1	20	33	20	24	31.49	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	56511	56206	56086	56268	0.39	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	33482	33900	34476	33953	1.47	cps
Rhodium	103-1	5661939	5608460	5789830	5686743	1.64	cps
Rhodium	103-2	1508584	1500921	1488849	1499452	0.66	cps
Scandium	45-1	3385026	3331026	3380018	3365357	0.89	cps
Scandium	45-2	24755	25206	24725	24896	1.08	cps
Selenium	77-2	197	133	180	170	19.31	cps
Selenium	78-2	570	535	544	550	3.32	cps
Selenium	82-1	28330	28197	28117	28215	0.38	cps
Silicon	28-1	2193796	2181357	2176187	2183780	0.41	cps
Silver	109-1	953738	959722	962596	958685	0.47	cps
Silver	107-1	998914	1007413	1004421	1003583	0.43	cps
Sodium	23-2	137550	134843	136300	136231	0.99	cps
Strontium	86-1	1343392	1345081	1347894	1345456	0.17	cps
Strontium	88-1	11748647	11643947	11626540	11673045	0.57	cps
Sulfur	34-1	322631	319115	317547	319764	0.81	cps
Terbium	159-1	8138721	8026427	8258004	8141051	1.42	cps
Terbium	159-2	1642613	1652412	1614410	1636478	1.21	cps
Thallium	203-1	1913574	1902023	1910378	1908659	0.31	cps
Thallium	205-1	4487441	4479574	4506300	4491105	0.31	cps
Tin	118-1	3624564	3629819	3645166	3633183	0.29	cps
Titanium	47-1	538792	532420	534947	535386	0.60	cps
Uranium	238-1	15286046	15150839	15140058	15192314	0.54	cps
Vanadium	51-2	61421	60604	61019	61014	0.67	cps
Yttrium	89-1	6188841	6081137	6178224	6149401	0.97	cps
Yttrium	89-2	191070	189824	188670	189854	0.63	cps
Zinc	66-2	32251	32512	31920	32228	0.92	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:54:33	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7234768	7233130	7247820	7238573	0.11	cps
Zirconium	91-1	1637950	1639012	1635825	1637596	0.10	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	110	140	143	131	13.82	cps
Antimony	121-1	23956	24657	24381	24331	1.45	cps
Arsenic	75-1	2809	2642	3009	2820	6.51	cps
Barium	135-1	22562	23004	21201	22256	4.22	cps
Barium	137-1	38115	38440	37822	38125	0.81	cps
Beryllium	9-1	1506	1606	1672	1595	5.26	cps
Bismuth	209-1	5739616	5829143	5703097	5757285	1.13	cps
Bismuth	209-2	1424121	1383046	1420898	1409355	1.62	cps
Boron	10-1	6185	6135	6310	6210	1.45	cps
Boron	11-1	29698	28679	30241	29540	2.68	cps
Cadmium	111-1	2470	2618	2628	2572	3.43	cps
Cadmium	106-1	1500	1600	1659	1586	5.05	cps
Cadmium	108-1	167	175	167	169	2.84	cps
Calcium	43-1	11322	11163	11155	11213	0.84	cps
Calcium	44-1	191657	191084	191573	191438	0.16	cps
Chromium	52-2	2254	2357	2347	2319	2.46	cps
Cobalt	59-2	2057	2087	1977	2040	2.79	cps
Copper	63-2	3884	3824	3801	3836	1.12	cps
Dysprosium	156-1	17	17	25	19	24.73	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	75	58	25	53	48.24	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	33	50	33	39	24.75	cps
Gadolinium	160-2	13	10	13	12	15.73	cps
Holmium	165-1	8075022	8029736	8056067	8053608	0.28	cps
Holmium	165-2	1711995	1690177	1714756	1705643	0.79	cps
Indium	115-1	6209227	6132909	6069745	6137294	1.14	cps
Indium	115-2	264935	261186	265569	263897	0.90	cps
Iron	56-2	33970	34688	32845	33834	2.75	cps
Iron	57-2	945	822	733	833	12.72	cps
Krypton	83-1	313	367	450	377	18.29	cps
Lead	206-1	8542	8353	8359	8418	1.28	cps
Lead	207-1	7786	7597	7586	7656	1.47	cps
Lead	208-1	34530	34447	34074	34351	0.71	cps
Lithium	6-1	1066950	1058853	1057947	1061250	0.47	cps
Magnesium	24-2	15184	15025	15150	15120	0.55	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	367	330	339	7.25	cps
Molybdenum	94-1	19732	19657	18096	19162	4.82	cps
Molybdenum	95-1	22953	23187	22828	22990	0.79	cps
Molybdenum	96-1	26753	25174	25341	25756	3.37	cps
Molybdenum	97-1	14433	14392	14675	14500	1.06	cps
Molybdenum	98-1	36208	37203	36433	36615	1.42	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	903	1060	937	967	8.54	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	10279	10496	10763	10513	2.31	cps
Rhodium	103-1	5869966	5855914	5789551	5838477	0.74	cps
Rhodium	103-2	1552058	1528266	1552358	1544227	0.90	cps
Scandium	45-1	3418944	3444050	3453574	3438856	0.52	cps
Scandium	45-2	24451	24495	24805	24584	0.79	cps
Selenium	77-2	7	7	10	8	24.71	cps
Selenium	78-2	11	4	17	10	62.01	cps
Selenium	82-1	773	795	633	734	12.01	cps
Silicon	28-1	256256	255281	255683	255740	0.19	cps
Silver	109-1	11088	11130	11180	11133	0.41	cps
Silver	107-1	11789	12031	11998	11939	1.10	cps
Sodium	23-2	43868	44011	42966	43615	1.30	cps
Strontium	86-1	3317	3117	3667	3367	8.27	cps
Strontium	88-1	25567	24331	24189	24696	3.07	cps
Sulfur	34-1	324984	324108	321642	323578	0.54	cps
Terbium	159-1	8351608	8323631	8351028	8342089	0.19	cps
Terbium	159-2	1675309	1649436	1686463	1670403	1.14	cps
Thallium	203-1	10613	10079	10238	10310	2.66	cps
Thallium	205-1	24616	24316	25368	24767	2.19	cps
Tin	118-1	39317	38314	37487	38373	2.39	cps
Titanium	47-1	5451	5201	5518	5390	3.10	cps
Uranium	238-1	32627	32510	32168	32435	0.74	cps
Vanadium	51-2	3110	3244	3224	3193	2.25	cps
Yttrium	89-1	6379251	6265199	6248973	6297808	1.13	cps
Yttrium	89-2	191884	187474	193576	190978	1.65	cps
Zinc	66-2	423	490	563	492	14.23	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 14:59:01	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17996	17253	16853	17367	3.34	cps
Zirconium	91-1	3909	4284	3951	4048	5.08	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:02:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	25	13	18	34.34	cps
Antimony	121-1	1433	1367	1467	1422	3.58	cps
Arsenic	75-1	192	150	117	153	24.60	cps
Barium	135-1	92	75	58	75	22.22	cps
Barium	137-1	108	133	92	111	18.88	cps
Beryllium	9-1	206	256	244	235	11.16	cps
Bismuth	209-1	5631270	5675322	5712845	5673146	0.72	cps
Bismuth	209-2	1430141	1416380	1393829	1413450	1.30	cps
Boron	10-1	1784	1859	1592	1745	7.88	cps
Boron	11-1	8736	7894	8178	8269	5.18	cps
Cadmium	111-1	148	177	136	154	13.89	cps
Cadmium	106-1	1400	1358	1150	1303	10.28	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	517	442	417	458	11.36	cps
Calcium	44-1	12990	12698	12823	12837	1.14	cps
Chromium	52-2	410	440	480	443	7.92	cps
Cobalt	59-2	83	73	73	77	7.54	cps
Copper	63-2	327	317	313	319	2.18	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	50	33	58	47	26.95	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	42	42	117	67	64.95	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	8056056	7964705	7983974	8001578	0.60	cps
Holmium	165-2	1716356	1677918	1717557	1703943	1.32	cps
Indium	115-1	6075178	6084027	6097150	6085452	0.18	cps
Indium	115-2	265083	261982	263864	263643	0.59	cps
Iron	56-2	1717	1839	1761	1772	3.49	cps
Iron	57-2	61	39	56	52	22.30	cps
Krypton	83-1	397	470	550	472	16.24	cps
Lead	206-1	617	650	650	639	3.01	cps
Lead	207-1	728	494	578	600	19.71	cps
Lead	208-1	2722	2422	2689	2611	6.30	cps
Lithium	6-1	1060407	1041829	1047518	1049918	0.91	cps
Magnesium	24-2	417	508	400	442	13.21	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:02:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	30	40	36	14.32	cps
Molybdenum	94-1	858	750	758	789	7.64	cps
Molybdenum	95-1	600	517	550	556	7.55	cps
Molybdenum	96-1	558	750	592	633	16.17	cps
Molybdenum	97-1	417	400	358	392	7.67	cps
Molybdenum	98-1	892	758	658	770	15.21	cps
Neodymium	150-1	13	0	20	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	427	443	380	417	7.88	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2600	2717	2500	2606	4.16	cps
Rhodium	103-1	5761179	5741341	5731929	5744816	0.26	cps
Rhodium	103-2	1539953	1526531	1520185	1528890	0.66	cps
Scandium	45-1	3404531	3411183	3399244	3404986	0.18	cps
Scandium	45-2	25243	24492	24876	24870	1.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	-15	-68	-199	-94	-100.93	cps
Silicon	28-1	194871	193300	194364	194178	0.41	cps
Silver	109-1	142	108	100	117	18.90	cps
Silver	107-1	150	125	117	131	13.29	cps
Sodium	23-2	10396	9662	10079	10046	3.66	cps
Strontium	86-1	658	750	608	672	10.69	cps
Strontium	88-1	225	275	292	264	13.15	cps
Sulfur	34-1	331872	326193	328362	328809	0.87	cps
Terbium	159-1	8271714	8187471	8250607	8236597	0.53	cps
Terbium	159-2	1681754	1656535	1670595	1669628	0.76	cps
Thallium	203-1	650	667	625	647	3.24	cps
Thallium	205-1	1625	1592	1709	1642	3.66	cps
Tin	118-1	1734	1592	1709	1678	4.51	cps
Titanium	47-1	167	75	142	128	37.09	cps
Uranium	238-1	417	383	500	433	13.87	cps
Vanadium	51-2	3	13	7	8	65.47	cps
Yttrium	89-1	6272812	6258161	6225348	6252107	0.39	cps
Yttrium	89-2	192831	190870	190394	191365	0.68	cps
Zinc	66-2	143	133	137	138	3.70	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:02:24	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	967	983	1125	1025	8.49	cps
Zirconium	91-1	167	233	175	192	18.95	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	558304	559252	551579	556379	0.75	cps
Antimony	121-1	12531	12698	13290	12840	3.11	cps
Arsenic	75-1	3651	4151	4376	4059	9.15	cps
Barium	135-1	3259	3284	3242	3262	0.64	cps
Barium	137-1	5977	5685	5877	5846	2.54	cps
Beryllium	9-1	456	583	394	478	20.17	cps
Bismuth	209-1	5458665	5525419	5550372	5511485	0.86	cps
Bismuth	209-2	1324953	1323074	1308915	1318981	0.66	cps
Boron	10-1	1333	1442	1350	1375	4.24	cps
Boron	11-1	7336	7152	7202	7230	1.31	cps
Cadmium	111-1	1843	1773	1999	1872	6.19	cps
Cadmium	106-1	1367	1342	1225	1311	5.77	cps
Cadmium	108-1	1333	1446	1392	1390	4.05	cps
Calcium	43-1	2069893	2114057	2098575	2094175	1.07	cps
Calcium	44-1	33580768	33557528	33782984	33640427	0.37	cps
Chromium	52-2	15893	15385	16193	15824	2.58	cps
Cobalt	59-2	2114	2064	2180	2119	2.76	cps
Copper	63-2	11992	12105	11955	12018	0.65	cps
Dysprosium	156-1	67	42	75	61	28.39	cps
Dysprosium	156-2	3	7	7	6	34.70	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	142	117	50	103	46.11	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	8021515	8064494	8162149	8082719	0.89	cps
Holmium	165-2	1677517	1696462	1673562	1682514	0.73	cps
Indium	115-1	5827517	5840820	5857895	5842078	0.26	cps
Indium	115-2	245706	246811	244496	245671	0.47	cps
Iron	56-2	54623225	54845073	54209765	54559354	0.59	cps
Iron	57-2	1393410	1380554	1381436	1385133	0.52	cps
Krypton	83-1	370	363	460	398	13.57	cps
Lead	206-1	36481	36386	36280	36382	0.28	cps
Lead	207-1	28895	28560	28271	28575	1.09	cps
Lead	208-1	138217	137218	136627	137354	0.59	cps
Lithium	6-1	979362	985346	997898	987535	0.96	cps
Magnesium	24-2	2756138	2751400	2690872	2732803	1.33	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1800	1877	1743	1807	3.70	cps
Molybdenum	94-1	4758741	4736575	4755395	4750237	0.25	cps
Molybdenum	95-1	8336046	8295906	8419259	8350404	0.75	cps
Molybdenum	96-1	8880550	8875410	8907184	8887715	0.19	cps
Molybdenum	97-1	5259252	5246744	5270841	5258946	0.23	cps
Molybdenum	98-1	13453390	13400410	13379966	13411255	0.28	cps
Neodymium	150-1	27	73	67	56	45.43	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	3120	2940	3014	3025	2.99	cps
Phosphorus	31-2	40300	39339	38395	39345	2.42	cps
Potassium	39-2	1476311	1459948	1461036	1465765	0.62	cps
Rhodium	103-1	5351025	5376225	5462312	5396521	1.08	cps
Rhodium	103-2	1403082	1402392	1395948	1400474	0.28	cps
Scandium	45-1	3172128	3222298	3287728	3227385	1.80	cps
Scandium	45-2	22872	23280	22695	22949	1.31	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	13	30	-83	-13	-456.74	cps
Silicon	28-1	303722	306309	304104	304712	0.46	cps
Silver	109-1	425	608	725	586	25.80	cps
Silver	107-1	542	617	758	639	17.22	cps
Sodium	23-2	6012316	6000969	5934301	5982529	0.70	cps
Strontium	86-1	90315	90357	89920	90197	0.27	cps
Strontium	88-1	780582	779719	784946	781749	0.36	cps
Sulfur	34-1	2661168	2653779	2655713	2656886	0.14	cps
Terbium	159-1	8269513	8382451	8399897	8350620	0.85	cps
Terbium	159-2	1662440	1627216	1637944	1642533	1.10	cps
Thallium	203-1	1233	1267	1500	1333	10.90	cps
Thallium	205-1	2750	2959	3351	3020	10.09	cps
Tin	118-1	2700	2592	2625	2639	2.10	cps
Titanium	47-1	2090234	2088619	2072401	2083751	0.47	cps
Uranium	238-1	758	850	683	764	10.93	cps
Vanadium	51-2	123	90	77	97	24.87	cps
Yttrium	89-1	6071891	6041947	6159849	6091229	1.01	cps
Yttrium	89-2	180670	178965	179299	179645	0.50	cps
Zinc	66-2	1873	1837	1800	1837	2.00	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:05:47	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7803	6619	6252	6891	11.76	cps
Zirconium	91-1	1600	1459	1225	1428	13.26	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556658	549229	556095	553994	0.75	cps
Antimony	121-1	219299	219839	219127	219422	0.17	cps
Arsenic	75-1	52752	54165	54643	53853	1.83	cps
Barium	135-1	46985	47670	48113	47589	1.19	cps
Barium	137-1	84931	85040	84806	84926	0.14	cps
Beryllium	9-1	25401	24772	24071	24748	2.69	cps
Bismuth	209-1	5758342	5509422	5477146	5581637	2.76	cps
Bismuth	209-2	1335704	1341045	1321538	1332762	0.76	cps
Boron	10-1	8603	8353	8303	8419	1.91	cps
Boron	11-1	39798	40358	40249	40135	0.74	cps
Cadmium	111-1	47250	47511	46742	47168	0.83	cps
Cadmium	106-1	5151	5626	5093	5290	5.53	cps
Cadmium	108-1	4309	4309	4359	4326	0.67	cps
Calcium	43-1	2077019	2129505	2083362	2096629	1.37	cps
Calcium	44-1	33757259	33689852	33803740	33750284	0.17	cps
Chromium	52-2	34165	34078	34456	34233	0.58	cps
Cobalt	59-2	37039	37758	38149	37649	1.49	cps
Copper	63-2	43077	42756	43746	43193	1.17	cps
Dysprosium	156-1	75	25	58	53	48.24	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	100	42	92	78	40.56	cps
Erbium	164-2	23	3	10	12	83.33	cps
Gadolinium	160-1	92	75	67	78	16.37	cps
Gadolinium	160-2	13	10	20	14	35.26	cps
Holmium	165-1	8431156	8140530	8107310	8226332	2.17	cps
Holmium	165-2	1668092	1707639	1678510	1684747	1.22	cps
Indium	115-1	6058451	5975670	5936565	5990229	1.04	cps
Indium	115-2	247499	248854	246034	247462	0.57	cps
Iron	56-2	54302468	54346780	54571307	54406852	0.26	cps
Iron	57-2	1383476	1368646	1378584	1376902	0.55	cps
Krypton	83-1	393	400	407	400	1.67	cps
Lead	206-1	187096	188067	189272	188145	0.58	cps
Lead	207-1	157251	158403	154051	156568	1.44	cps
Lead	208-1	731955	733365	728597	731305	0.33	cps
Lithium	6-1	1005801	983522	981632	990318	1.36	cps
Magnesium	24-2	2710632	2695500	2719481	2708538	0.45	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6528	6278	6632	6479	2.80	cps
Molybdenum	94-1	4872139	4854078	4838136	4854785	0.35	cps
Molybdenum	95-1	8501129	8576858	8564419	8547469	0.48	cps
Molybdenum	96-1	9126878	9123870	9106887	9119212	0.12	cps
Molybdenum	97-1	5355631	5390930	5456077	5400879	0.94	cps
Molybdenum	98-1	13843103	13905599	13898038	13882247	0.25	cps
Neodymium	150-1	40	60	67	56	24.98	cps
Neodymium	150-2	0	17	7	8	107.84	cps
Nickel	60-2	14388	14488	14288	14388	0.70	cps
Phosphorus	31-2	39865	38980	39548	39464	1.14	cps
Potassium	39-2	1475807	1441916	1449712	1455812	1.22	cps
Rhodium	103-1	5624640	5443673	5372412	5480242	2.37	cps
Rhodium	103-2	1406198	1419335	1398433	1407989	0.75	cps
Scandium	45-1	3347829	3298091	3225408	3290443	1.87	cps
Scandium	45-2	23333	23386	22889	23203	1.18	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	37	41	59	46	26.06	cps
Selenium	82-1	2833	2723	2789	2781	2.00	cps
Silicon	28-1	501061	502609	498864	500845	0.38	cps
Silver	109-1	200185	198731	201825	200247	0.77	cps
Silver	107-1	209457	210608	209748	209938	0.29	cps
Sodium	23-2	5949880	5925716	5944042	5939880	0.21	cps
Strontium	86-1	90247	89661	91280	90396	0.91	cps
Strontium	88-1	774127	788390	782671	781729	0.92	cps
Sulfur	34-1	2632682	2619714	2646888	2633095	0.52	cps
Terbium	159-1	8526405	8172270	8346766	8348480	2.12	cps
Terbium	159-2	1614079	1631699	1613497	1619758	0.64	cps
Thallium	203-1	185358	186262	186965	186195	0.43	cps
Thallium	205-1	446702	443697	451840	447413	0.92	cps
Tin	118-1	346235	348281	351548	348688	0.77	cps
Titanium	47-1	2131393	2120496	2153313	2135067	0.78	cps
Uranium	238-1	850	925	900	892	4.28	cps
Vanadium	51-2	11822	11912	11832	11855	0.42	cps
Yttrium	89-1	6245453	6146510	5998789	6130251	2.02	cps
Yttrium	89-2	181850	182069	179043	180987	0.93	cps
Zinc	66-2	4971	4788	4898	4885	1.89	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:09:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3851	3609	3176	3545	9.65	cps
Zirconium	91-1	808	683	658	717	11.21	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	331312	331079	328924	330438	0.40	cps
Antimony	121-1	5427254	5470054	5427946	5441751	0.45	cps
Arsenic	75-1	1322631	1315021	1303432	1313695	0.74	cps
Barium	135-1	5758949	5796221	5769654	5774941	0.33	cps
Barium	137-1	10145019	10136856	10074597	10118824	0.38	cps
Beryllium	9-1	641661	644208	642959	642943	0.20	cps
Bismuth	209-1	5480947	5416537	5385369	5427618	0.90	cps
Bismuth	209-2	1293630	1307175	1315820	1305542	0.86	cps
Boron	10-1	72534	75021	75809	74455	2.30	cps
Boron	11-1	357863	366363	371328	365184	1.86	cps
Cadmium	111-1	1170320	1179841	1165684	1171949	0.62	cps
Cadmium	106-1	124470	125774	125345	125196	0.53	cps
Cadmium	108-1	85612	87138	84224	85658	1.70	cps
Calcium	43-1	5353826	5411079	5403010	5389305	0.58	cps
Calcium	44-1	87554442	87516994	87390700	87487378	0.10	cps
Chromium	52-2	433932	432403	433499	433278	0.18	cps
Cobalt	59-2	914132	909786	905405	909774	0.48	cps
Copper	63-2	1568978	1558366	1537393	1554912	1.03	cps
Dysprosium	156-1	117	75	150	114	33.00	cps
Dysprosium	156-2	17	7	13	12	41.65	cps
Erbium	164-1	33	58	42	44	28.65	cps
Erbium	164-2	17	10	7	11	45.82	cps
Gadolinium	160-1	67	83	167	106	50.76	cps
Gadolinium	160-2	13	27	37	26	45.82	cps
Holmium	165-1	8118965	8076408	8132731	8109368	0.36	cps
Holmium	165-2	1651716	1696241	1672797	1673585	1.33	cps
Indium	115-1	5807508	5681853	5747325	5745562	1.09	cps
Indium	115-2	236277	238610	240604	238497	0.91	cps
Iron	56-2	70710543	70652602	70203168	70522104	0.39	cps
Iron	57-2	1834732	1821730	1811323	1822595	0.64	cps
Krypton	83-1	450	400	443	431	6.30	cps
Lead	206-1	3868630	3884560	3861595	3871595	0.30	cps
Lead	207-1	3494274	3542991	3501656	3512973	0.75	cps
Lead	208-1	15739325	15948346	15734556	15807409	0.77	cps
Lithium	6-1	979048	970983	988889	979640	0.92	cps
Magnesium	24-2	6920892	6920500	6899642	6913678	0.18	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246124	244166	245885	245392	0.44	cps
Molybdenum	94-1	9090539	9114835	9123365	9109580	0.19	cps
Molybdenum	95-1	11173467	11167513	11241397	11194126	0.37	cps
Molybdenum	96-1	12374217	12360536	12394620	12376458	0.14	cps
Molybdenum	97-1	7065090	7006020	7063951	7045020	0.48	cps
Molybdenum	98-1	18294349	18086033	18101491	18160624	0.64	cps
Neodymium	150-1	393	367	307	356	12.48	cps
Neodymium	150-2	7	20	10	12	56.76	cps
Nickel	60-2	272818	272544	273029	272797	0.09	cps
Phosphorus	31-2	4192	4067	4142	4134	1.52	cps
Potassium	39-2	1911530	1911048	1892476	1905018	0.57	cps
Rhodium	103-1	5296172	5237186	5291481	5274946	0.62	cps
Rhodium	103-2	1353383	1372348	1374172	1366634	0.84	cps
Scandium	45-1	3240397	3203233	3228840	3224157	0.59	cps
Scandium	45-2	22528	23340	23480	23116	2.22	cps
Selenium	77-2	370	407	330	369	10.39	cps
Selenium	78-2	1213	1372	1335	1307	6.38	cps
Selenium	82-1	71176	71176	71129	71160	0.04	cps
Silicon	28-1	2287063	2285731	2284685	2285826	0.05	cps
Silver	109-1	5368394	5402858	5347991	5373081	0.52	cps
Silver	107-1	5611071	5663091	5602551	5625571	0.58	cps
Sodium	23-2	15410010	15443541	15424238	15425930	0.11	cps
Strontium	86-1	1390141	1398693	1387516	1392117	0.42	cps
Strontium	88-1	12064949	12020016	12003951	12029639	0.26	cps
Sulfur	34-1	604926	606802	603357	605028	0.29	cps
Terbium	159-1	8339369	8240946	8272733	8284349	0.61	cps
Terbium	159-2	1607899	1622656	1607725	1612760	0.53	cps
Thallium	203-1	4788514	4803435	4786838	4792929	0.19	cps
Thallium	205-1	11313062	11387544	11430728	11377112	0.52	cps
Tin	118-1	3745134	3769534	3714825	3743164	0.73	cps
Titanium	47-1	2695695	2745559	2703098	2714784	0.99	cps
Uranium	238-1	16425072	16368260	16422375	16405236	0.20	cps
Vanadium	51-2	309530	307586	308346	308487	0.32	cps
Yttrium	89-1	6055461	6019129	6005673	6026754	0.43	cps
Yttrium	89-2	179098	179759	181154	180003	0.58	cps
Zinc	66-2	151624	151294	152827	151915	0.53	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV88	Instrumnet Name :	P8
Client Sample ID :	CCV88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:12:24	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7618963	7655847	7604601	7626470	0.35	cps
Zirconium	91-1	1712338	1715761	1723021	1717040	0.32	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	10	18	11	58.08	cps
Antimony	121-1	2417	2650	3067	2712	12.15	cps
Arsenic	75-1	300	250	208	253	18.16	cps
Barium	135-1	33	42	58	44	28.65	cps
Barium	137-1	92	100	17	69	66.09	cps
Beryllium	9-1	228	206	194	209	8.11	cps
Bismuth	209-1	5652806	5797241	5737704	5729250	1.27	cps
Bismuth	209-2	1390873	1375003	1383273	1383050	0.57	cps
Boron	10-1	942	1017	883	947	7.06	cps
Boron	11-1	4826	5093	4676	4865	4.34	cps
Cadmium	111-1	144	132	132	136	5.14	cps
Cadmium	106-1	1233	1233	1200	1222	1.57	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	433	433	383	417	6.93	cps
Calcium	44-1	13132	12289	12272	12565	3.91	cps
Chromium	52-2	457	420	383	420	8.73	cps
Cobalt	59-2	40	87	80	69	36.64	cps
Copper	63-2	347	297	353	332	9.32	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	25	42	22	94.38	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	50	58	75	61	20.83	cps
Gadolinium	160-2	7	0	3	3	100.05	cps
Holmium	165-1	7919126	8082798	8065761	8022562	1.12	cps
Holmium	165-2	1668252	1658292	1686315	1670953	0.85	cps
Indium	115-1	6028624	6159634	6000559	6062939	1.40	cps
Indium	115-2	257501	253576	255127	255401	0.77	cps
Iron	56-2	1939	1967	2111	2006	4.61	cps
Iron	57-2	17	72	44	44	62.50	cps
Krypton	83-1	387	360	393	380	4.64	cps
Lead	206-1	650	672	772	698	9.33	cps
Lead	207-1	506	556	528	530	4.73	cps
Lead	208-1	2406	2600	2861	2622	8.72	cps
Lithium	6-1	1016982	1047945	1024781	1029903	1.56	cps
Magnesium	24-2	592	475	608	558	13.01	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	47	50	37	55.31	cps
Molybdenum	94-1	950	925	892	922	3.17	cps
Molybdenum	95-1	933	983	1000	972	3.57	cps
Molybdenum	96-1	975	833	1092	967	13.38	cps
Molybdenum	97-1	550	608	708	622	12.87	cps
Molybdenum	98-1	1659	1442	1400	1500	9.25	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	377	397	330	368	9.30	cps
Phosphorus	31-2	0	0	25	8	173.21	cps
Potassium	39-2	2734	2842	2842	2806	2.23	cps
Rhodium	103-1	5664398	5721225	5646833	5677485	0.68	cps
Rhodium	103-2	1483926	1458768	1474438	1472377	0.86	cps
Scandium	45-1	3225476	3341448	3298718	3288547	1.78	cps
Scandium	45-2	23814	23126	23383	23441	1.48	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	8	9	-14	1	1254.18	cps
Silicon	28-1	184080	184509	183395	183995	0.31	cps
Silver	109-1	175	183	183	181	2.66	cps
Silver	107-1	217	300	258	258	16.13	cps
Sodium	23-2	11363	11205	10679	11083	3.23	cps
Strontium	86-1	767	717	500	661	21.44	cps
Strontium	88-1	150	117	100	122	20.83	cps
Sulfur	34-1	312171	309175	310005	310450	0.50	cps
Terbium	159-1	8187589	8274344	8247408	8236447	0.54	cps
Terbium	159-2	1625209	1596088	1628481	1616593	1.10	cps
Thallium	203-1	817	917	733	822	11.17	cps
Thallium	205-1	1942	1842	1767	1850	4.75	cps
Tin	118-1	983	1050	1092	1042	5.25	cps
Titanium	47-1	75	108	92	92	18.18	cps
Uranium	238-1	125	150	183	153	19.15	cps
Vanadium	51-2	7	7	0	4	86.60	cps
Yttrium	89-1	6093173	6148610	6170913	6137565	0.65	cps
Yttrium	89-2	185577	181234	185518	184110	1.35	cps
Zinc	66-2	140	123	143	136	7.90	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB88	Instrumnet Name :	P8
Client Sample ID :	CCB88	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:22:56	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1250	1317	1192	1253	4.99	cps
Zirconium	91-1	283	383	308	325	16.01	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:26:19	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	163	145	138	148	8.65	cps
Antimony	121-1	21902	22044	21668	21871	0.87	cps
Arsenic	75-1	2784	2584	2984	2784	7.19	cps
Barium	135-1	21568	22420	21844	21944	1.98	cps
Barium	137-1	38114	38816	39427	38786	1.69	cps
Beryllium	9-1	1511	1328	1400	1413	6.54	cps
Bismuth	209-1	5771973	5682073	5593958	5682668	1.57	cps
Bismuth	209-2	1422696	1412586	1373589	1402957	1.85	cps
Boron	10-1	3759	4209	4343	4104	7.45	cps
Boron	11-1	20157	20365	21000	20507	2.14	cps
Cadmium	111-1	2360	2651	2473	2495	5.88	cps
Cadmium	106-1	1317	1600	1317	1411	11.59	cps
Cadmium	108-1	229	188	196	204	10.80	cps
Calcium	43-1	11088	10996	10780	10955	1.45	cps
Calcium	44-1	183592	185383	183467	184147	0.58	cps
Chromium	52-2	2110	2147	2157	2138	1.15	cps
Cobalt	59-2	1907	1917	2024	1949	3.32	cps
Copper	63-2	3884	3764	3751	3799	1.93	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	25	33	44	60.28	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	3	3	7	4	43.40	cps
Holmium	165-1	7986291	7924542	7909031	7939955	0.51	cps
Holmium	165-2	1707191	1700840	1660426	1689485	1.50	cps
Indium	115-1	6066690	6025854	5918869	6003805	1.27	cps
Indium	115-2	259867	256104	255326	257099	0.94	cps
Iron	56-2	30695	30757	31853	31102	2.10	cps
Iron	57-2	806	694	683	728	9.29	cps
Krypton	83-1	390	400	387	392	1.77	cps
Lead	206-1	8081	8359	8347	8262	1.90	cps
Lead	207-1	7630	7786	7597	7671	1.31	cps
Lead	208-1	33485	34241	33935	33887	1.12	cps
Lithium	6-1	1026435	1035876	1025744	1029352	0.55	cps
Magnesium	24-2	14733	14725	15000	14819	1.06	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:26:19	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	340	290	253	294	14.78	cps
Molybdenum	94-1	19281	19415	18447	19047	2.75	cps
Molybdenum	95-1	22862	21927	21893	22227	2.47	cps
Molybdenum	96-1	24348	24097	24331	24259	0.58	cps
Molybdenum	97-1	13299	13332	14458	13696	4.82	cps
Molybdenum	98-1	35314	35380	35874	35523	0.86	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1043	893	960	966	7.78	cps
Phosphorus	31-2	8	33	8	17	86.64	cps
Potassium	39-2	10146	9962	9746	9951	2.01	cps
Rhodium	103-1	5660327	5659170	5668211	5662569	0.09	cps
Rhodium	103-2	1512438	1492238	1471728	1492135	1.36	cps
Scandium	45-1	3286517	3292388	3246566	3275157	0.76	cps
Scandium	45-2	24435	23820	23026	23760	2.97	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	13	13	13	13	0.00	cps
Selenium	82-1	640	728	655	674	7.02	cps
Silicon	28-1	243906	243973	245760	244546	0.43	cps
Silver	109-1	11430	10705	10596	10910	4.16	cps
Silver	107-1	11522	11505	11305	11444	1.05	cps
Sodium	23-2	41896	41161	41302	41453	0.94	cps
Strontium	86-1	3426	3109	3417	3317	5.44	cps
Strontium	88-1	23179	23162	23905	23415	1.81	cps
Sulfur	34-1	313708	315228	314454	314463	0.24	cps
Terbium	159-1	8237252	8112698	8138399	8162783	0.81	cps
Terbium	159-2	1634966	1629446	1594668	1619693	1.35	cps
Thallium	203-1	9963	10405	9487	9952	4.61	cps
Thallium	205-1	23581	23448	24784	23938	3.07	cps
Tin	118-1	37437	36885	36860	37061	0.88	cps
Titanium	47-1	5435	5285	5485	5401	1.93	cps
Uranium	238-1	31583	31249	31541	31457	0.58	cps
Vanadium	51-2	3134	3007	3130	3090	2.34	cps
Yttrium	89-1	6144400	6023854	6070579	6079611	1.00	cps
Yttrium	89-2	187600	185062	184680	185781	0.85	cps
Zinc	66-2	713	677	693	694	2.64	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:26:19	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17937	17737	16761	17479	3.60	cps
Zirconium	91-1	3676	3717	4068	3820	5.63	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	30	15	21	38.60	cps
Antimony	121-1	198079	199821	207692	201864	2.54	cps
Arsenic	75-1	29474	28464	29399	29112	1.93	cps
Barium	135-1	109869	112340	112148	111453	1.23	cps
Barium	137-1	198679	197581	197319	197859	0.36	cps
Beryllium	9-1	5273	5123	4618	5005	6.87	cps
Bismuth	209-1	5793160	5712810	5797276	5767748	0.83	cps
Bismuth	209-2	1386015	1445343	1420760	1417373	2.10	cps
Boron	10-1	617	517	492	542	12.21	cps
Boron	11-1	2850	2834	2834	2839	0.34	cps
Cadmium	111-1	16649	17031	16465	16715	1.73	cps
Cadmium	106-1	2600	2675	2809	2695	3.92	cps
Cadmium	108-1	1000	1125	1004	1043	6.81	cps
Calcium	43-1	15935	15451	16402	15929	2.99	cps
Calcium	44-1	264973	262688	264617	264092	0.47	cps
Chromium	52-2	583	560	533	559	4.48	cps
Cobalt	59-2	60	53	57	57	5.89	cps
Copper	63-2	18823	18903	18950	18892	0.34	cps
Dysprosium	156-1	17	0	25	14	91.65	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	42	8	19	99.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	100	100	33	78	49.49	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8072455	8064060	8026421	8054312	0.30	cps
Holmium	165-2	1689828	1738260	1716849	1714979	1.42	cps
Indium	115-1	6080442	6041283	6106392	6076039	0.54	cps
Indium	115-2	256660	262662	258356	259226	1.19	cps
Iron	56-2	2661	2556	2611	2610	2.02	cps
Iron	57-2	67	67	50	61	15.75	cps
Krypton	83-1	433	407	400	413	4.27	cps
Lead	206-1	48878	47177	47467	47840	1.90	cps
Lead	207-1	43046	42717	41273	42345	2.23	cps
Lead	208-1	194301	192432	190681	192471	0.94	cps
Lithium	6-1	1033047	1022498	1035914	1030486	0.69	cps
Magnesium	24-2	525	450	375	450	16.67	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3734	3697	3614	3682	1.67	cps
Molybdenum	94-1	625	533	575	578	7.94	cps
Molybdenum	95-1	267	292	342	300	12.73	cps
Molybdenum	96-1	475	317	450	414	20.57	cps
Molybdenum	97-1	233	283	183	233	21.43	cps
Molybdenum	98-1	367	400	492	419	15.43	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	4237	3971	4347	4185	4.63	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	9320	9879	9821	9673	3.18	cps
Rhodium	103-1	5690094	5639353	5712453	5680633	0.66	cps
Rhodium	103-2	1480583	1531222	1527583	1513129	1.87	cps
Scandium	45-1	3307411	3212207	3306132	3275250	1.67	cps
Scandium	45-2	22802	24261	23710	23591	3.12	cps
Selenium	77-2	33	20	20	24	31.49	cps
Selenium	78-2	43	69	57	56	23.16	cps
Selenium	82-1	3489	3504	3478	3491	0.37	cps
Silicon	28-1	182678	184898	187102	184893	1.20	cps
Silver	109-1	122453	121787	121368	121869	0.45	cps
Silver	107-1	127474	128237	126616	127442	0.64	cps
Sodium	23-2	56170	54957	54848	55325	1.33	cps
Strontium	86-1	717	700	650	689	5.04	cps
Strontium	88-1	833	850	833	839	1.15	cps
Sulfur	34-1	297853	298839	295471	297388	0.58	cps
Terbium	159-1	8247881	8208266	8316449	8257532	0.66	cps
Terbium	159-2	1624911	1678772	1672186	1658623	1.77	cps
Thallium	203-1	46821	48075	48527	47808	1.85	cps
Thallium	205-1	115958	114404	114488	114950	0.76	cps
Tin	118-1	725	825	783	778	6.46	cps
Titanium	47-1	167	67	58	97	62.01	cps
Uranium	238-1	133	183	92	136	33.72	cps
Vanadium	51-2	7	17	17	13	43.29	cps
Yttrium	89-1	6153034	6032652	6190406	6125364	1.35	cps
Yttrium	89-2	181589	189033	186839	185820	2.06	cps
Zinc	66-2	3334	3184	3210	3243	2.47	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04	Instrumnet Name :	P8
Client Sample ID :	MX2E41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:43:16	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1167	1042	1158	1122	6.23	cps
Zirconium	91-1	242	167	225	211	18.66	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	13	23	19	30.14	cps
Antimony	121-1	203189	204215	206486	204630	0.82	cps
Arsenic	75-1	28672	29015	29065	28917	0.74	cps
Barium	135-1	113904	110382	107778	110688	2.78	cps
Barium	137-1	198272	196735	198858	197955	0.55	cps
Beryllium	9-1	5068	5307	4912	5095	3.90	cps
Bismuth	209-1	5717788	5786723	5742834	5749115	0.61	cps
Bismuth	209-2	1456691	1408407	1397130	1420743	2.23	cps
Boron	10-1	575	617	492	561	11.34	cps
Boron	11-1	2459	2417	2309	2395	3.23	cps
Cadmium	111-1	17065	16762	17028	16952	0.97	cps
Cadmium	106-1	2767	2784	2759	2770	0.46	cps
Cadmium	108-1	1192	1125	992	1103	9.23	cps
Calcium	43-1	15793	16110	16001	15968	1.01	cps
Calcium	44-1	261154	267840	268344	265779	1.51	cps
Chromium	52-2	510	587	520	539	7.73	cps
Cobalt	59-2	60	33	70	54	34.82	cps
Copper	63-2	19140	18796	18896	18944	0.93	cps
Dysprosium	156-1	42	0	0	14	173.21	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	33	8	36	81.06	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	33	67	58	53	32.88	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	8015189	8051128	8164543	8076953	0.97	cps
Holmium	165-2	1761714	1723413	1703009	1729379	1.72	cps
Indium	115-1	6017042	6100958	6120595	6079531	0.90	cps
Indium	115-2	263756	260163	257950	260623	1.12	cps
Iron	56-2	2378	2495	2350	2408	3.18	cps
Iron	57-2	44	61	61	56	17.31	cps
Krypton	83-1	457	410	367	411	10.95	cps
Lead	206-1	47919	47500	47344	47588	0.62	cps
Lead	207-1	41619	40816	41597	41344	1.11	cps
Lead	208-1	191371	190464	190455	190763	0.28	cps
Lithium	6-1	1029134	1035186	1045497	1036606	0.80	cps
Magnesium	24-2	392	575	458	475	19.54	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3901	3581	3651	3711	4.54	cps
Molybdenum	94-1	542	608	625	592	7.45	cps
Molybdenum	95-1	242	192	233	222	12.05	cps
Molybdenum	96-1	300	358	400	353	14.24	cps
Molybdenum	97-1	208	150	225	194	20.25	cps
Molybdenum	98-1	333	367	383	361	7.05	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	4397	4317	4354	4356	0.92	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	9287	9971	9579	9612	3.57	cps
Rhodium	103-1	5688803	5772338	5668820	5709987	0.96	cps
Rhodium	103-2	1556298	1495720	1493246	1515088	2.36	cps
Scandium	45-1	3247175	3350328	3311529	3303011	1.58	cps
Scandium	45-2	24418	23223	23189	23610	2.96	cps
Selenium	77-2	20	3	17	13	66.16	cps
Selenium	78-2	67	83	93	81	16.24	cps
Selenium	82-1	3538	3646	3576	3587	1.53	cps
Silicon	28-1	185749	187025	189821	187532	1.11	cps
Silver	109-1	120812	121284	120115	120737	0.49	cps
Silver	107-1	127508	127069	128499	127692	0.57	cps
Sodium	23-2	55333	55852	55627	55604	0.47	cps
Strontium	86-1	658	600	692	650	7.14	cps
Strontium	88-1	817	958	950	908	8.75	cps
Sulfur	34-1	303208	306467	304212	304629	0.55	cps
Terbium	159-1	8233366	8314806	8290812	8279662	0.51	cps
Terbium	159-2	1705877	1659073	1624334	1663094	2.46	cps
Thallium	203-1	46779	47582	48460	47607	1.77	cps
Thallium	205-1	114917	114437	115269	114874	0.36	cps
Tin	118-1	808	808	800	806	0.60	cps
Titanium	47-1	133	117	158	136	15.41	cps
Uranium	238-1	108	92	83	94	13.48	cps
Vanadium	51-2	17	13	23	18	28.64	cps
Yttrium	89-1	6099765	6187071	6136282	6141039	0.71	cps
Yttrium	89-2	190097	189501	185927	188508	1.20	cps
Zinc	66-2	3357	3360	3374	3364	0.26	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-05	Instrumnet Name :	P8
Client Sample ID :	MX2E41D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:46:40	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	1050	850	928	11.55	cps
Zirconium	91-1	217	225	308	250	20.28	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	18	15	17	8.66	cps
Antimony	121-1	41441	41232	42761	41811	1.98	cps
Arsenic	75-1	6302	6619	5893	6271	5.80	cps
Barium	135-1	22311	22503	22612	22476	0.68	cps
Barium	137-1	39435	39902	39644	39660	0.59	cps
Beryllium	9-1	1111	1100	1122	1111	1.00	cps
Bismuth	209-1	5767915	5792472	5705090	5755159	0.78	cps
Bismuth	209-2	1431979	1421805	1390766	1414850	1.52	cps
Boron	10-1	425	475	558	486	13.86	cps
Boron	11-1	2450	2367	2242	2353	4.46	cps
Cadmium	111-1	3469	3342	3603	3471	3.76	cps
Cadmium	106-1	1609	1467	1367	1481	8.20	cps
Cadmium	108-1	217	242	192	217	11.54	cps
Calcium	43-1	3434	3576	3534	3514	2.07	cps
Calcium	44-1	62917	65026	61946	63296	2.49	cps
Chromium	52-2	450	433	460	448	3.01	cps
Cobalt	59-2	57	40	60	52	20.52	cps
Copper	63-2	4261	4041	4207	4170	2.75	cps
Dysprosium	156-1	25	33	33	31	15.74	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	33	58	39	44.62	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	50	83	33	56	45.82	cps
Gadolinium	160-2	3	0	0	1	173.21	cps
Holmium	165-1	8025501	8112335	8130890	8089575	0.70	cps
Holmium	165-2	1735679	1719141	1680417	1711746	1.66	cps
Indium	115-1	6082895	6090793	6117425	6097037	0.30	cps
Indium	115-2	265502	265565	254699	261922	2.39	cps
Iron	56-2	1645	1861	1872	1793	7.16	cps
Iron	57-2	61	56	44	54	15.80	cps
Krypton	83-1	423	417	453	431	4.53	cps
Lead	206-1	10138	9943	9710	9930	2.16	cps
Lead	207-1	8581	9020	8837	8813	2.50	cps
Lead	208-1	39742	40359	39553	39885	1.06	cps
Lithium	6-1	1030923	1040475	1042603	1038000	0.60	cps
Magnesium	24-2	350	367	325	347	6.04	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	850	747	893	830	9.08	cps
Molybdenum	94-1	508	492	525	508	3.28	cps
Molybdenum	95-1	133	183	300	206	41.61	cps
Molybdenum	96-1	325	333	308	322	3.95	cps
Molybdenum	97-1	117	175	92	128	33.47	cps
Molybdenum	98-1	267	333	375	325	16.82	cps
Neodymium	150-1	0	7	33	13	132.28	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	1167	1070	1123	1120	4.32	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3801	3517	3842	3720	4.76	cps
Rhodium	103-1	5709673	5741796	5740711	5730727	0.32	cps
Rhodium	103-2	1548293	1546468	1476432	1523731	2.69	cps
Scandium	45-1	3353514	3329179	3366902	3349865	0.57	cps
Scandium	45-2	24234	24124	23293	23884	2.16	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	17	15	19	17	11.13	cps
Selenium	82-1	678	644	634	652	3.52	cps
Silicon	28-1	185851	186325	183429	185201	0.84	cps
Silver	109-1	24707	24482	24674	24621	0.49	cps
Silver	107-1	25717	26594	25191	25834	2.74	cps
Sodium	23-2	18004	18671	19289	18655	3.45	cps
Strontium	86-1	625	617	708	650	7.80	cps
Strontium	88-1	308	400	258	322	22.30	cps
Sulfur	34-1	311438	309233	309002	309891	0.43	cps
Terbium	159-1	8321398	8272154	8343234	8312262	0.44	cps
Terbium	159-2	1677327	1646100	1611607	1645011	2.00	cps
Thallium	203-1	9754	9587	10021	9788	2.24	cps
Thallium	205-1	23940	23932	23406	23759	1.29	cps
Tin	118-1	733	725	675	711	4.44	cps
Titanium	47-1	142	125	167	144	14.52	cps
Uranium	238-1	192	108	150	150	27.78	cps
Vanadium	51-2	17	3	0	7	132.33	cps
Yttrium	89-1	6225056	6205116	6194130	6208101	0.25	cps
Yttrium	89-2	192888	190285	182145	188439	2.97	cps
Zinc	66-2	767	747	693	736	5.15	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-04LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E41L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 15:50:03	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	758	950	875	861	11.22	cps
Zirconium	91-1	167	175	200	181	9.61	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11565	11225	11740	11510	2.28	cps
Antimony	121-1	1191670	1192861	1201186	1195239	0.43	cps
Arsenic	75-1	132282	128908	130490	130560	1.29	cps
Barium	135-1	4415075	4455116	4430640	4433610	0.46	cps
Barium	137-1	7754197	7747161	7773849	7758402	0.18	cps
Beryllium	9-1	66716	66654	66721	66697	0.06	cps
Bismuth	209-1	5842144	5818835	5733506	5798162	0.99	cps
Bismuth	209-2	1432772	1440560	1421692	1431675	0.66	cps
Boron	10-1	625	592	383	533	24.56	cps
Boron	11-1	2525	2567	2717	2603	3.87	cps
Cadmium	111-1	130716	131557	130485	130919	0.43	cps
Cadmium	106-1	13774	13140	12907	13274	3.38	cps
Cadmium	108-1	8574	8645	8791	8670	1.28	cps
Calcium	43-1	15609	15860	15601	15690	0.94	cps
Calcium	44-1	266732	269269	269560	268520	0.58	cps
Chromium	52-2	159544	158394	158937	158958	0.36	cps
Cobalt	59-2	911590	908594	905428	908537	0.34	cps
Copper	63-2	417895	414581	412683	415053	0.64	cps
Dysprosium	156-1	17	58	25	33	66.14	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	17	25	33	25	33.32	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	67	100	25	64	58.82	cps
Gadolinium	160-2	0	10	3	4	114.60	cps
Holmium	165-1	8317394	8161607	8100259	8193087	1.37	cps
Holmium	165-2	1750378	1756758	1716997	1741378	1.23	cps
Indium	115-1	6199282	6079198	6131177	6136552	0.98	cps
Indium	115-2	263827	264004	261743	263191	0.48	cps
Iron	56-2	558955	560163	556484	558534	0.34	cps
Iron	57-2	13635	13646	14080	13787	1.84	cps
Krypton	83-1	403	403	397	401	0.96	cps
Lead	206-1	194383	193835	195719	194646	0.50	cps
Lead	207-1	174043	174832	178155	175677	1.24	cps
Lead	208-1	788153	793549	794887	792196	0.45	cps
Lithium	6-1	1043312	1050883	1034702	1042966	0.78	cps
Magnesium	24-2	500	350	375	408	19.68	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	122155	120400	120837	121131	0.75	cps
Molybdenum	94-1	808	942	775	842	10.48	cps
Molybdenum	95-1	475	442	567	494	13.09	cps
Molybdenum	96-1	742	842	708	764	9.08	cps
Molybdenum	97-1	208	292	442	314	37.67	cps
Molybdenum	98-1	792	908	900	867	7.51	cps
Neodymium	150-1	233	133	140	169	33.11	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	274620	271296	272361	272759	0.62	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	9695	9053	9295	9348	3.47	cps
Rhodium	103-1	5830714	5689619	5751415	5757249	1.23	cps
Rhodium	103-2	1524426	1528070	1505986	1519494	0.78	cps
Scandium	45-1	3399888	3365411	3389110	3384803	0.52	cps
Scandium	45-2	23523	24304	23811	23879	1.65	cps
Selenium	77-2	123	83	110	106	19.29	cps
Selenium	78-2	331	337	422	364	13.99	cps
Selenium	82-1	18888	19020	18888	18932	0.40	cps
Silicon	28-1	195025	195639	192234	194299	0.93	cps
Silver	109-1	623020	623555	624388	623655	0.11	cps
Silver	107-1	646253	649392	647775	647806	0.24	cps
Sodium	23-2	55777	55434	55400	55537	0.38	cps
Strontium	86-1	783	833	700	772	8.72	cps
Strontium	88-1	2034	2250	2034	2106	5.94	cps
Sulfur	34-1	307574	306180	303241	305665	0.72	cps
Terbium	159-1	8401786	8354367	8288279	8348144	0.68	cps
Terbium	159-2	1691784	1676698	1685382	1684622	0.45	cps
Thallium	203-1	494793	493281	497738	495271	0.46	cps
Thallium	205-1	1190692	1189252	1190352	1190099	0.06	cps
Tin	118-1	792	900	658	783	15.45	cps
Titanium	47-1	142	150	125	139	9.16	cps
Uranium	238-1	117	117	183	139	27.71	cps
Vanadium	51-2	292034	290972	292211	291739	0.23	cps
Yttrium	89-1	6378367	6235916	6224473	6279585	1.37	cps
Yttrium	89-2	189631	190995	187508	189378	0.93	cps
Zinc	66-2	79684	79888	79023	79532	0.57	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-06	Instrumnet Name :	P8
Client Sample ID :	MX2E41S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 15:53:26	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1508	1475	1717	1567	8.36	cps
Zirconium	91-1	425	408	508	447	11.98	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1398	1435	1495	1443	3.41	cps
Antimony	121-1	58688	58270	59811	58923	1.35	cps
Arsenic	75-1	23513	24982	23897	24130	3.16	cps
Barium	135-1	91046	88731	91070	90282	1.49	cps
Barium	137-1	157130	158550	158674	158118	0.54	cps
Beryllium	9-1	4740	4679	4367	4595	4.34	cps
Bismuth	209-1	5660327	5650311	5011708	5440782	6.83	cps
Bismuth	209-2	1384838	1378745	1377061	1380215	0.30	cps
Boron	10-1	675	850	983	836	18.49	cps
Boron	11-1	4117	4142	4301	4187	2.38	cps
Cadmium	111-1	8226	8562	8522	8437	2.18	cps
Cadmium	106-1	2009	2042	1725	1925	9.04	cps
Cadmium	108-1	479	575	558	538	9.53	cps
Calcium	43-1	5285	5518	5601	5468	3.00	cps
Calcium	44-1	96757	95415	95474	95882	0.79	cps
Chromium	52-2	6682	6438	6765	6628	2.56	cps
Cobalt	59-2	10431	10311	10464	10402	0.78	cps
Copper	63-2	12466	12783	12819	12689	1.53	cps
Dysprosium	156-1	792	933	833	853	8.54	cps
Dysprosium	156-2	180	187	167	178	5.73	cps
Erbium	164-1	558	592	700	617	12.01	cps
Erbium	164-2	120	117	130	122	5.68	cps
Gadolinium	160-1	783	925	842	850	8.38	cps
Gadolinium	160-2	220	160	233	204	19.11	cps
Holmium	165-1	8114459	8106226	7217571	7812752	6.60	cps
Holmium	165-2	1709562	1715300	1666591	1697151	1.57	cps
Indium	115-1	6038120	6039401	5387558	5821693	6.46	cps
Indium	115-2	257671	255807	254346	255941	0.65	cps
Iron	56-2	91722	91119	91135	91325	0.38	cps
Iron	57-2	2600	2189	2256	2348	9.40	cps
Krypton	83-1	407	333	413	384	11.55	cps
Lead	206-1	46658	46508	47646	46937	1.32	cps
Lead	207-1	41061	40454	41140	40885	0.92	cps
Lead	208-1	190628	187546	190301	189491	0.89	cps
Lithium	6-1	1057144	1041529	956359	1018344	5.33	cps
Magnesium	24-2	2667	2167	2300	2378	10.89	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1623	1693	1667	1661	2.13	cps
Molybdenum	94-1	3226	3159	3042	3142	2.95	cps
Molybdenum	95-1	308	292	317	306	4.17	cps
Molybdenum	96-1	908	892	942	914	2.79	cps
Molybdenum	97-1	217	308	208	244	22.70	cps
Molybdenum	98-1	525	533	533	531	0.91	cps
Neodymium	150-1	1653	1447	1313	1471	11.65	cps
Neodymium	150-2	207	210	167	194	12.40	cps
Nickel	60-2	3414	3414	3647	3492	3.86	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3551	3517	3592	3553	1.06	cps
Rhodium	103-1	5749607	5720966	5129132	5533235	6.33	cps
Rhodium	103-2	1493993	1510568	1486529	1497030	0.82	cps
Scandium	45-1	3255513	3324324	2920449	3166762	6.82	cps
Scandium	45-2	23517	22922	22538	22992	2.14	cps
Selenium	77-2	0	17	17	11	86.60	cps
Selenium	78-2	50	61	37	49	24.39	cps
Selenium	82-1	2444	2603	2483	2510	3.29	cps
Silicon	28-1	1139825	1139329	1138114	1139089	0.08	cps
Silver	109-1	38891	38473	39836	39066	1.79	cps
Silver	107-1	41541	41699	42218	41819	0.85	cps
Sodium	23-2	14466	13849	13924	14080	2.39	cps
Strontium	86-1	6193	6352	6660	6402	3.71	cps
Strontium	88-1	49332	50018	49416	49588	0.76	cps
Sulfur	34-1	299640	296127	297392	297720	0.60	cps
Terbium	159-1	8329643	8380841	7267184	7992556	7.87	cps
Terbium	159-2	1650000	1647702	1645210	1647637	0.15	cps
Thallium	203-1	29661	30270	30621	30184	1.61	cps
Thallium	205-1	73127	70940	73094	72387	1.73	cps
Tin	118-1	2067	1750	2042	1953	9.02	cps
Titanium	47-1	2500	2492	2667	2553	3.87	cps
Uranium	238-1	1125	1383	1208	1239	10.64	cps
Vanadium	51-2	10437	10614	10531	10527	0.84	cps
Yttrium	89-1	6144449	6146354	5443881	5911561	6.85	cps
Yttrium	89-2	184140	183115	181878	183044	0.62	cps
Zinc	66-2	3194	3360	3297	3284	2.56	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16	Instrumnet Name :	P8
Client Sample ID :	MX2E45	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:02:04	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7753	8136	7502	7797	4.09	cps
Zirconium	91-1	1759	1642	1784	1728	4.38	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1508	1433	1313	1418	6.94	cps
Antimony	121-1	57718	56487	57867	57357	1.32	cps
Arsenic	75-1	24072	24731	24857	24553	1.72	cps
Barium	135-1	87404	89561	87916	88294	1.28	cps
Barium	137-1	157157	157418	158548	157708	0.47	cps
Beryllium	9-1	4523	4612	4584	4573	1.00	cps
Bismuth	209-1	5696066	5640038	5625883	5653996	0.66	cps
Bismuth	209-2	1362852	1378947	1374561	1372120	0.61	cps
Boron	10-1	767	783	967	839	13.23	cps
Boron	11-1	4176	3851	3942	3990	4.20	cps
Cadmium	111-1	8650	8374	8315	8446	2.12	cps
Cadmium	106-1	2000	2117	2150	2089	3.77	cps
Cadmium	108-1	517	600	496	538	10.26	cps
Calcium	43-1	5935	5110	5568	5537	7.47	cps
Calcium	44-1	95658	94359	94861	94959	0.69	cps
Chromium	52-2	6695	6732	6815	6747	0.91	cps
Cobalt	59-2	10414	10517	10684	10539	1.29	cps
Copper	63-2	12763	12496	12479	12579	1.26	cps
Dysprosium	156-1	783	992	908	895	11.72	cps
Dysprosium	156-2	160	147	153	153	4.35	cps
Erbium	164-1	567	475	583	542	10.77	cps
Erbium	164-2	103	127	113	114	10.23	cps
Gadolinium	160-1	808	800	758	789	3.40	cps
Gadolinium	160-2	217	243	207	222	8.53	cps
Holmium	165-1	8040762	8018720	7973175	8010886	0.43	cps
Holmium	165-2	1670244	1677269	1686500	1678005	0.49	cps
Indium	115-1	6036381	6045120	5979231	6020244	0.59	cps
Indium	115-2	254724	254108	254049	254294	0.15	cps
Iron	56-2	89150	88871	88547	88856	0.34	cps
Iron	57-2	2117	2272	2184	2191	3.56	cps
Krypton	83-1	410	397	353	387	7.66	cps
Lead	206-1	47082	47361	46084	46842	1.43	cps
Lead	207-1	41401	40955	41496	41284	0.70	cps
Lead	208-1	189304	189500	188237	189014	0.36	cps
Lithium	6-1	1044215	1047524	1052712	1048150	0.41	cps
Magnesium	24-2	2425	2284	2167	2292	5.65	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1700	1597	1653	1650	3.14	cps
Molybdenum	94-1	2959	3484	3067	3170	8.75	cps
Molybdenum	95-1	342	342	392	358	8.06	cps
Molybdenum	96-1	883	875	742	833	9.54	cps
Molybdenum	97-1	217	208	258	228	11.76	cps
Molybdenum	98-1	583	558	408	517	18.32	cps
Neodymium	150-1	1600	1400	1407	1469	7.73	cps
Neodymium	150-2	180	210	250	213	16.46	cps
Nickel	60-2	3494	3424	3667	3528	3.55	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	3434	3267	3351	3351	2.49	cps
Rhodium	103-1	5680392	5744482	5665235	5696703	0.74	cps
Rhodium	103-2	1468492	1475583	1472787	1472287	0.24	cps
Scandium	45-1	3276603	3244896	3232949	3251483	0.69	cps
Scandium	45-2	21834	22632	22976	22480	2.61	cps
Selenium	77-2	10	10	10	10	0.00	cps
Selenium	78-2	43	63	50	52	19.88	cps
Selenium	82-1	2482	2528	2559	2523	1.55	cps
Silicon	28-1	1134701	1122469	1129261	1128810	0.54	cps
Silver	109-1	40203	40102	40270	40192	0.21	cps
Silver	107-1	41197	42217	42267	41894	1.44	cps
Sodium	23-2	13482	14016	14124	13874	2.48	cps
Strontium	86-1	6685	6102	6077	6288	5.48	cps
Strontium	88-1	48939	49741	48981	49220	0.92	cps
Sulfur	34-1	295733	290555	290829	292372	1.00	cps
Terbium	159-1	8378533	8333905	8190875	8301104	1.18	cps
Terbium	159-2	1615824	1639680	1624568	1626691	0.74	cps
Thallium	203-1	31323	30697	29953	30658	2.24	cps
Thallium	205-1	73253	73672	72432	73119	0.86	cps
Tin	118-1	1959	2217	2084	2086	6.19	cps
Titanium	47-1	2467	2534	2200	2400	7.35	cps
Uranium	238-1	1275	1308	1058	1214	11.18	cps
Vanadium	51-2	10181	10277	10514	10324	1.66	cps
Yttrium	89-1	6115146	6184504	6106999	6135550	0.69	cps
Yttrium	89-2	179728	181272	180607	180535	0.43	cps
Zinc	66-2	3447	3507	3260	3405	3.78	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-17	Instrumnet Name :	P8
Client Sample ID :	MX2E45D	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:05:26	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8545	7969	8228	8247	3.49	cps
Zirconium	91-1	1834	1608	1950	1797	9.66	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	303	273	298	291	5.53	cps
Antimony	121-1	11180	11939	12164	11761	4.38	cps
Arsenic	75-1	5818	5568	5626	5671	2.31	cps
Barium	135-1	18197	16986	18439	17874	4.35	cps
Barium	137-1	31998	31538	32633	32056	1.71	cps
Beryllium	9-1	972	961	1067	1000	5.80	cps
Bismuth	209-1	5711667	5815990	5692113	5739923	1.16	cps
Bismuth	209-2	1390220	1385283	1401975	1392492	0.62	cps
Boron	10-1	408	442	408	419	4.59	cps
Boron	11-1	2159	2150	2017	2109	3.77	cps
Cadmium	111-1	1729	1805	1877	1803	4.11	cps
Cadmium	106-1	1333	1300	1483	1372	7.12	cps
Cadmium	108-1	129	96	125	117	15.56	cps
Calcium	43-1	1350	1600	1292	1414	11.59	cps
Calcium	44-1	27369	27686	28246	27767	1.60	cps
Chromium	52-2	1597	1667	1627	1630	2.15	cps
Cobalt	59-2	1990	2007	2030	2009	1.00	cps
Copper	63-2	2850	2794	2924	2856	2.28	cps
Dysprosium	156-1	192	217	208	206	6.19	cps
Dysprosium	156-2	37	33	47	39	17.85	cps
Erbium	164-1	133	175	175	161	14.93	cps
Erbium	164-2	33	37	17	29	37.08	cps
Gadolinium	160-1	267	158	175	200	29.17	cps
Gadolinium	160-2	57	47	43	49	14.20	cps
Holmium	165-1	8135092	8110689	8117816	8121199	0.15	cps
Holmium	165-2	1694285	1692031	1697066	1694461	0.15	cps
Indium	115-1	6046027	6119792	5968129	6044649	1.25	cps
Indium	115-2	254069	256458	258400	256309	0.85	cps
Iron	56-2	19047	18858	19080	18995	0.63	cps
Iron	57-2	433	550	539	507	12.69	cps
Krypton	83-1	393	290	433	372	19.87	cps
Lead	206-1	10021	10482	10627	10377	3.05	cps
Lead	207-1	9165	8959	9487	9204	2.89	cps
Lead	208-1	41845	41856	41722	41808	0.18	cps
Lithium	6-1	1044083	1038908	1023387	1035459	1.04	cps
Magnesium	24-2	717	792	783	764	5.38	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	370	430	353	384	10.49	cps
Molybdenum	94-1	767	825	842	811	4.86	cps
Molybdenum	95-1	125	100	150	125	20.00	cps
Molybdenum	96-1	258	350	283	297	15.94	cps
Molybdenum	97-1	142	100	150	131	20.52	cps
Molybdenum	98-1	225	283	292	267	13.62	cps
Neodymium	150-1	233	267	340	280	19.49	cps
Neodymium	150-2	43	37	30	37	18.18	cps
Nickel	60-2	993	970	890	951	5.70	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2334	2342	2550	2409	5.10	cps
Rhodium	103-1	5673511	5695622	5692006	5687046	0.21	cps
Rhodium	103-2	1482374	1493361	1505582	1493772	0.78	cps
Scandium	45-1	3233720	3276425	3266147	3258764	0.68	cps
Scandium	45-2	23229	22775	23189	23065	1.09	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	15	9	6	10	47.14	cps
Selenium	82-1	499	625	443	522	17.80	cps
Silicon	28-1	370998	369385	372309	370897	0.39	cps
Silver	109-1	8044	7844	8586	8158	4.71	cps
Silver	107-1	8587	8795	8361	8581	2.53	cps
Sodium	23-2	9654	9896	9946	9832	1.59	cps
Strontium	86-1	1508	1684	1567	1586	5.62	cps
Strontium	88-1	9846	10505	9529	9960	5.00	cps
Sulfur	34-1	293653	292095	293924	293224	0.34	cps
Terbium	159-1	8365060	8389698	8341549	8365436	0.29	cps
Terbium	159-2	1658200	1664464	1640127	1654264	0.76	cps
Thallium	203-1	6469	6244	6052	6255	3.34	cps
Thallium	205-1	14718	15285	15518	15174	2.71	cps
Tin	118-1	858	1000	1067	975	10.91	cps
Titanium	47-1	542	567	492	533	7.16	cps
Uranium	238-1	283	317	267	289	8.81	cps
Vanadium	51-2	2204	1974	1960	2046	6.69	cps
Yttrium	89-1	6115748	6207187	6138265	6153734	0.77	cps
Yttrium	89-2	182484	183359	184075	183306	0.43	cps
Zinc	66-2	727	753	777	752	3.33	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-16LX5	Instrumnet Name :	P8
Client Sample ID :	MX2E45L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 16:14:01	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2492	2442	2000	2311	11.71	cps
Zirconium	91-1	433	567	567	522	14.74	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3709	3629	3701	3680	1.20	cps
Antimony	121-1	253061	251789	254720	253190	0.58	cps
Arsenic	75-1	44515	44624	45635	44925	1.38	cps
Barium	135-1	957137	941933	946061	948377	0.83	cps
Barium	137-1	1724851	1717170	1715247	1719089	0.30	cps
Beryllium	9-1	16248	16032	16159	16147	0.68	cps
Bismuth	209-1	5839415	5853886	5805671	5832991	0.42	cps
Bismuth	209-2	1405797	1412620	1387651	1402023	0.92	cps
Boron	10-1	683	625	608	639	6.16	cps
Boron	11-1	3684	3401	3642	3576	4.28	cps
Cadmium	111-1	31600	31959	31187	31582	1.22	cps
Cadmium	106-1	4076	3651	3784	3837	5.67	cps
Cadmium	108-1	2196	1984	2113	2097	5.11	cps
Calcium	43-1	6093	5885	5927	5968	1.85	cps
Calcium	44-1	104211	101239	101676	102375	1.57	cps
Chromium	52-2	37467	37390	37527	37461	0.18	cps
Cobalt	59-2	188503	184834	185831	186389	1.02	cps
Copper	63-2	91337	89992	89751	90360	0.95	cps
Dysprosium	156-1	958	983	908	950	4.02	cps
Dysprosium	156-2	177	143	133	151	15.01	cps
Erbium	164-1	708	600	667	658	8.30	cps
Erbium	164-2	107	123	103	111	9.64	cps
Gadolinium	160-1	817	833	817	822	1.17	cps
Gadolinium	160-2	173	210	230	204	14.06	cps
Holmium	165-1	8172406	8155932	8199723	8176020	0.27	cps
Holmium	165-2	1702632	1693625	1674808	1690355	0.84	cps
Indium	115-1	6166742	6114214	6012872	6097943	1.28	cps
Indium	115-2	255079	255795	251081	253985	1.00	cps
Iron	56-2	204611	202437	204200	203749	0.57	cps
Iron	57-2	5201	5018	5240	5153	2.30	cps
Krypton	83-1	407	380	423	403	5.42	cps
Lead	206-1	78631	75764	77329	77242	1.86	cps
Lead	207-1	70261	68267	68612	69047	1.54	cps
Lead	208-1	316534	310734	311998	313089	0.97	cps
Lithium	6-1	1069148	1061478	1065442	1065356	0.36	cps
Magnesium	24-2	2400	2334	2592	2442	5.49	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24715	24839	24722	24759	0.28	cps
Molybdenum	94-1	3592	3476	3384	3484	3.00	cps
Molybdenum	95-1	692	625	725	681	7.48	cps
Molybdenum	96-1	1267	1233	1225	1242	1.78	cps
Molybdenum	97-1	750	517	583	617	19.49	cps
Molybdenum	98-1	1183	1250	1092	1175	6.77	cps
Neodymium	150-1	1360	1473	1533	1456	6.05	cps
Neodymium	150-2	180	200	180	187	6.19	cps
Nickel	60-2	55674	55835	54891	55467	0.91	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	3659	3226	3484	3456	6.31	cps
Rhodium	103-1	5753244	5710014	5753936	5739065	0.44	cps
Rhodium	103-2	1478316	1488246	1449792	1472118	1.36	cps
Scandium	45-1	3308267	3291922	3214528	3271573	1.53	cps
Scandium	45-2	22645	22158	22308	22370	1.12	cps
Selenium	77-2	50	27	30	36	35.49	cps
Selenium	78-2	113	91	93	99	12.48	cps
Selenium	82-1	5476	5515	5574	5522	0.90	cps
Silicon	28-1	1173438	1191248	1185863	1183517	0.77	cps
Silver	109-1	139584	138766	139003	139118	0.30	cps
Silver	107-1	147051	144831	147271	146385	0.92	cps
Sodium	23-2	13607	13048	12965	13207	2.64	cps
Strontium	86-1	6744	6544	6644	6644	1.51	cps
Strontium	88-1	51599	51666	50068	51111	1.77	cps
Sulfur	34-1	286244	287250	283909	285801	0.60	cps
Terbium	159-1	8467402	8377041	8364888	8403110	0.67	cps
Terbium	159-2	1659838	1665792	1622736	1649455	1.41	cps
Thallium	203-1	122149	123243	123622	123005	0.62	cps
Thallium	205-1	295721	292880	294278	294293	0.48	cps
Tin	118-1	2134	2067	2242	2148	4.11	cps
Titanium	47-1	2542	2917	2525	2661	8.32	cps
Uranium	238-1	1333	1158	1258	1250	7.02	cps
Vanadium	51-2	66447	66808	66256	66504	0.42	cps
Yttrium	89-1	6218513	6202189	6160296	6193666	0.48	cps
Yttrium	89-2	179873	181786	177947	179868	1.07	cps
Zinc	66-2	18536	18746	18816	18699	0.78	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5092-18	Instrumnet Name :	P8
Client Sample ID :	MX2E45S	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:17:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8645	8612	8278	8511	2.38	cps
Zirconium	91-1	1942	1892	1650	1828	8.54	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	23	23	20	21.67	cps
Antimony	121-1	1392	1300	1175	1289	8.44	cps
Arsenic	75-1	775	783	558	706	18.08	cps
Barium	135-1	75	83	58	72	17.62	cps
Barium	137-1	83	42	58	61	34.32	cps
Beryllium	9-1	111	117	83	104	17.22	cps
Bismuth	209-1	5794022	5755801	5771728	5773850	0.33	cps
Bismuth	209-2	1402202	1419717	1425853	1415924	0.87	cps
Boron	10-1	375	300	392	356	13.73	cps
Boron	11-1	1458	1325	1667	1483	11.61	cps
Cadmium	111-1	163	120	142	141	15.03	cps
Cadmium	106-1	1333	1075	1208	1206	10.72	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	408	300	342	350	15.61	cps
Calcium	44-1	10988	11105	10813	10969	1.34	cps
Chromium	52-2	470	387	390	416	11.35	cps
Cobalt	59-2	57	40	53	50	17.64	cps
Copper	63-2	460	450	410	440	6.01	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	75	17	8	33	108.98	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	33	42	50	42	20.00	cps
Gadolinium	160-2	10	13	10	11	17.30	cps
Holmium	165-1	8111870	8070624	8066140	8082878	0.31	cps
Holmium	165-2	1706250	1731541	1731248	1723013	0.84	cps
Indium	115-1	6085561	6071841	6126359	6094587	0.47	cps
Indium	115-2	258639	259958	261797	260131	0.61	cps
Iron	56-2	1239	1206	1217	1220	1.39	cps
Iron	57-2	50	50	39	46	13.85	cps
Krypton	83-1	337	353	440	377	14.73	cps
Lead	206-1	872	928	833	878	5.41	cps
Lead	207-1	883	811	761	819	7.51	cps
Lead	208-1	3573	3784	3756	3704	3.10	cps
Lithium	6-1	1023249	1025541	1020183	1022991	0.26	cps
Magnesium	24-2	383	300	350	344	12.18	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	60	47	54	12.74	cps
Molybdenum	94-1	408	550	367	442	21.76	cps
Molybdenum	95-1	108	83	83	92	15.74	cps
Molybdenum	96-1	275	150	183	203	31.92	cps
Molybdenum	97-1	117	125	117	119	4.03	cps
Molybdenum	98-1	158	117	200	158	26.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	297	263	250	270	8.90	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	2017	2167	2067	2084	3.67	cps
Rhodium	103-1	5797228	5677468	5725637	5733444	1.05	cps
Rhodium	103-2	1497266	1492247	1507192	1498902	0.51	cps
Scandium	45-1	3272214	3263326	3299735	3278425	0.58	cps
Scandium	45-2	22996	23069	23253	23106	0.57	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	29	8	-66	-10	-519.61	cps
Silicon	28-1	177294	178602	175296	177064	0.94	cps
Silver	109-1	408	425	575	469	19.55	cps
Silver	107-1	442	625	442	503	21.05	cps
Sodium	23-2	7778	8036	8403	8072	3.89	cps
Strontium	86-1	617	725	650	664	8.36	cps
Strontium	88-1	142	183	150	158	13.92	cps
Sulfur	34-1	291077	288847	291987	290637	0.56	cps
Terbium	159-1	8348784	8278939	8351286	8326336	0.49	cps
Terbium	159-2	1674223	1654016	1686327	1671522	0.98	cps
Thallium	203-1	183	242	192	206	15.35	cps
Thallium	205-1	450	525	483	486	7.73	cps
Tin	118-1	783	1453	583	940	48.48	cps
Titanium	47-1	75	100	117	97	21.57	cps
Uranium	238-1	83	58	92	78	22.30	cps
Vanadium	51-2	7	7	7	7	0.00	cps
Yttrium	89-1	6114484	6037134	6160325	6103981	1.02	cps
Yttrium	89-2	185782	185132	186653	185856	0.41	cps
Zinc	66-2	73	83	83	80	7.22	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BL	Instrumnet Name :	P8
Client Sample ID :	PB113523BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:21:42	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	925	808	758	831	10.30	cps
Zirconium	91-1	292	242	133	222	36.42	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:25:06	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	293	320	230	281	16.42	cps
Antimony	121-1	41516	43455	43104	42691	2.42	cps
Arsenic	75-1	5568	5776	5818	5721	2.34	cps
Barium	135-1	44986	45329	44952	45089	0.46	cps
Barium	137-1	78189	79355	79062	78868	0.77	cps
Beryllium	9-1	2573	2623	2434	2543	3.85	cps
Bismuth	209-1	5816037	5800610	5770819	5795822	0.40	cps
Bismuth	209-2	1411971	1421787	1419661	1417806	0.36	cps
Boron	10-1	6510	6627	6844	6660	2.54	cps
Boron	11-1	32003	32980	32563	32516	1.51	cps
Cadmium	111-1	4905	4943	4942	4930	0.44	cps
Cadmium	106-1	1642	1725	2009	1792	10.73	cps
Cadmium	108-1	383	363	354	367	4.10	cps
Calcium	43-1	21451	21033	21434	21306	1.11	cps
Calcium	44-1	354565	358152	354661	355793	0.57	cps
Chromium	52-2	4027	4151	3831	4003	4.03	cps
Cobalt	59-2	3984	3987	3811	3927	2.57	cps
Copper	63-2	7169	7162	7159	7163	0.07	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	33	50	53	39.74	cps
Erbium	164-2	7	17	10	11	45.82	cps
Gadolinium	160-1	33	17	92	47	83.40	cps
Gadolinium	160-2	0	3	7	3	100.05	cps
Holmium	165-1	8120762	8052644	8077015	8083474	0.43	cps
Holmium	165-2	1715675	1707176	1715373	1712741	0.28	cps
Indium	115-1	6059888	6114142	6075802	6083277	0.46	cps
Indium	115-2	259640	260309	261463	260471	0.35	cps
Iron	56-2	201101	202859	202566	202175	0.47	cps
Iron	57-2	5335	4862	5101	5099	4.63	cps
Krypton	83-1	350	410	370	377	8.11	cps
Lead	206-1	16250	16667	17162	16693	2.74	cps
Lead	207-1	14709	15421	15354	15161	2.59	cps
Lead	208-1	67645	68919	68752	68439	1.01	cps
Lithium	6-1	1039745	1025534	1038556	1034611	0.76	cps
Magnesium	24-2	28630	28813	29540	28994	1.66	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:25:06	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	553	610	447	537	15.45	cps
Molybdenum	94-1	38163	35957	36082	36734	3.37	cps
Molybdenum	95-1	44374	43471	45042	44295	1.78	cps
Molybdenum	96-1	48438	48245	49274	48652	1.12	cps
Molybdenum	97-1	27604	28072	27328	27668	1.36	cps
Molybdenum	98-1	71338	70291	72445	71358	1.51	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1503	1567	1443	1505	4.10	cps
Phosphorus	31-2	17	17	8	14	34.67	cps
Potassium	39-2	16861	16777	16610	16750	0.76	cps
Rhodium	103-1	5801949	5665669	5685568	5717729	1.29	cps
Rhodium	103-2	1478299	1494732	1517994	1497009	1.33	cps
Scandium	45-1	3293549	3307598	3280153	3293767	0.42	cps
Scandium	45-2	22628	23276	23049	22985	1.43	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	20	31	22	25	24.11	cps
Selenium	82-1	1454	1415	1460	1443	1.69	cps
Silicon	28-1	299868	299464	298814	299382	0.18	cps
Silver	109-1	23238	21251	22837	22442	4.68	cps
Silver	107-1	24348	24206	24039	24197	0.64	cps
Sodium	23-2	70157	70064	69177	69799	0.78	cps
Strontium	86-1	6218	6227	5835	6093	3.67	cps
Strontium	88-1	47659	47860	49449	48323	2.03	cps
Sulfur	34-1	298050	300049	298261	298787	0.37	cps
Terbium	159-1	8305638	8303029	8330792	8313153	0.18	cps
Terbium	159-2	1663711	1664378	1665136	1664408	0.04	cps
Thallium	203-1	19007	19274	19382	19221	1.00	cps
Thallium	205-1	46603	46770	47281	46885	0.75	cps
Tin	118-1	72932	72547	74207	73229	1.19	cps
Titanium	47-1	10788	10479	10304	10524	2.33	cps
Uranium	238-1	64501	64844	66370	65238	1.52	cps
Vanadium	51-2	6151	6041	6025	6073	1.13	cps
Yttrium	89-1	6171914	6193293	6151147	6172118	0.34	cps
Yttrium	89-2	184355	185450	186231	185345	0.51	cps
Zinc	66-2	810	753	803	789	3.93	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113523BS	Instrumnet Name :	P8
Client Sample ID :	PB113523BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:25:06	DataFile Name :	035LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	31253	31863	31721	31613	1.01	cps
Zirconium	91-1	6785	7377	6819	6994	4.76	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	25	23	19	41.94	cps
Antimony	121-1	600	475	508	528	12.26	cps
Arsenic	75-1	433	367	325	375	14.57	cps
Barium	135-1	33	17	50	33	50.00	cps
Barium	137-1	42	67	33	47	36.74	cps
Beryllium	9-1	100	100	83	94	10.18	cps
Bismuth	209-1	5847962	5784496	5698293	5776917	1.30	cps
Bismuth	209-2	1407638	1421781	1440375	1423265	1.15	cps
Boron	10-1	608	525	475	536	12.56	cps
Boron	11-1	3109	2334	2284	2575	17.96	cps
Cadmium	111-1	147	159	160	156	4.52	cps
Cadmium	106-1	1183	1300	1350	1278	6.69	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	417	433	358	403	9.78	cps
Calcium	44-1	10663	10688	10713	10688	0.23	cps
Chromium	52-2	463	440	480	461	4.36	cps
Cobalt	59-2	67	57	37	53	28.64	cps
Copper	63-2	330	347	380	352	7.23	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	25	50	50	42	34.64	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	8172568	8129103	8102382	8134684	0.44	cps
Holmium	165-2	1698480	1721582	1724280	1714780	0.83	cps
Indium	115-1	6143855	6096905	6038114	6092958	0.87	cps
Indium	115-2	257558	261134	262175	260289	0.93	cps
Iron	56-2	1256	1345	1239	1280	4.43	cps
Iron	57-2	22	50	11	28	72.12	cps
Krypton	83-1	437	397	407	413	5.04	cps
Lead	206-1	656	544	717	639	13.67	cps
Lead	207-1	433	622	656	570	21.01	cps
Lead	208-1	2528	2467	2889	2628	8.68	cps
Lithium	6-1	1028142	1031075	1022404	1027207	0.43	cps
Magnesium	24-2	358	275	267	300	16.90	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	27	30	30	11.10	cps
Molybdenum	94-1	333	383	408	375	10.18	cps
Molybdenum	95-1	133	183	142	153	17.53	cps
Molybdenum	96-1	283	217	292	264	15.58	cps
Molybdenum	97-1	108	158	117	128	20.96	cps
Molybdenum	98-1	200	233	217	217	7.69	cps
Neodymium	150-1	7	13	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	243	320	287	283	13.57	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2250	2192	1984	2142	6.55	cps
Rhodium	103-1	5727662	5749659	5721648	5732990	0.26	cps
Rhodium	103-2	1477028	1506450	1511623	1498367	1.25	cps
Scandium	45-1	3285093	3279306	3252590	3272330	0.53	cps
Scandium	45-2	23280	22775	23373	23143	1.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-87	7	-57	-46	-105.10	cps
Silicon	28-1	177724	178374	179278	178459	0.44	cps
Silver	109-1	250	208	275	244	13.78	cps
Silver	107-1	433	358	333	375	13.88	cps
Sodium	23-2	7669	7527	7969	7722	2.92	cps
Strontium	86-1	650	558	742	650	14.10	cps
Strontium	88-1	133	225	150	169	28.82	cps
Sulfur	34-1	302875	300294	300184	301118	0.51	cps
Terbium	159-1	8249759	8316889	8273066	8279905	0.41	cps
Terbium	159-2	1659507	1660847	1682139	1667498	0.76	cps
Thallium	203-1	225	258	292	258	12.90	cps
Thallium	205-1	642	625	642	636	1.51	cps
Tin	118-1	575	700	667	647	10.00	cps
Titanium	47-1	83	50	100	78	32.73	cps
Uranium	238-1	108	92	108	103	9.36	cps
Vanadium	51-2	13	7	0	7	99.98	cps
Yttrium	89-1	6208441	6112744	6139802	6153662	0.80	cps
Yttrium	89-2	183498	188166	188467	186710	1.49	cps
Zinc	66-2	73	83	60	72	16.21	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BL	Instrumnet Name :	P8
Client Sample ID :	PB113531BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:28:29	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	767	817	828	8.14	cps
Zirconium	91-1	150	217	158	175	20.76	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	253	213	241	10.24	cps
Antimony	121-1	41766	42460	41842	42023	0.91	cps
Arsenic	75-1	5576	5760	5326	5554	3.92	cps
Barium	135-1	43832	44108	43707	43882	0.47	cps
Barium	137-1	77628	77519	75884	77010	1.27	cps
Beryllium	9-1	2745	2500	2489	2578	5.60	cps
Bismuth	209-1	5754401	5749026	5785476	5762968	0.34	cps
Bismuth	209-2	1402351	1427092	1412742	1414062	0.88	cps
Boron	10-1	6602	6777	7210	6863	4.57	cps
Boron	11-1	32104	33715	34868	33562	4.14	cps
Cadmium	111-1	4669	4675	5132	4825	5.50	cps
Cadmium	106-1	1742	1550	1825	1706	8.27	cps
Cadmium	108-1	333	329	400	354	11.22	cps
Calcium	43-1	20941	21768	21976	21562	2.54	cps
Calcium	44-1	347904	352747	352003	350884	0.74	cps
Chromium	52-2	4014	4054	3911	3993	1.85	cps
Cobalt	59-2	3624	3717	3791	3711	2.25	cps
Copper	63-2	6995	6959	6728	6894	2.10	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	42	58	58	28.57	cps
Erbium	164-2	20	20	10	17	34.64	cps
Gadolinium	160-1	33	67	50	50	33.34	cps
Gadolinium	160-2	3	0	10	4	114.60	cps
Holmium	165-1	8008214	8043102	8072942	8041419	0.40	cps
Holmium	165-2	1729788	1718881	1700932	1716533	0.85	cps
Indium	115-1	6028906	6027290	6075122	6043772	0.45	cps
Indium	115-2	257569	259261	258423	258418	0.33	cps
Iron	56-2	199579	199585	198755	199306	0.24	cps
Iron	57-2	4768	5218	5029	5005	4.52	cps
Krypton	83-1	430	377	383	397	7.33	cps
Lead	206-1	15999	16033	15888	15973	0.47	cps
Lead	207-1	14709	14498	14859	14689	1.24	cps
Lead	208-1	65585	66103	65590	65759	0.45	cps
Lithium	6-1	1031784	1033604	1027628	1031005	0.30	cps
Magnesium	24-2	27402	27887	27528	27606	0.91	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	483	527	607	539	11.61	cps
Molybdenum	94-1	35238	35163	37244	35882	3.29	cps
Molybdenum	95-1	41916	43529	43487	42977	2.14	cps
Molybdenum	96-1	47995	48530	48597	48374	0.68	cps
Molybdenum	97-1	28230	26894	27821	27649	2.48	cps
Molybdenum	98-1	70961	70677	70006	70548	0.69	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1473	1623	1590	1562	5.04	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	16719	16711	16085	16505	2.20	cps
Rhodium	103-1	5705086	5679018	5725833	5703312	0.41	cps
Rhodium	103-2	1498486	1500179	1496447	1498371	0.12	cps
Scandium	45-1	3243507	3266706	3342372	3284195	1.57	cps
Scandium	45-2	22819	23106	22789	22904	0.76	cps
Selenium	77-2	3	17	3	8	99.04	cps
Selenium	78-2	31	26	50	36	35.20	cps
Selenium	82-1	1329	1388	1291	1336	3.65	cps
Silicon	28-1	298668	297881	301603	299384	0.66	cps
Silver	109-1	22194	22695	21960	22283	1.68	cps
Silver	107-1	24014	23947	23313	23758	1.63	cps
Sodium	23-2	67419	67828	67402	67550	0.36	cps
Strontium	86-1	6343	5918	6218	6160	3.55	cps
Strontium	88-1	47651	47944	47710	47768	0.32	cps
Sulfur	34-1	304483	305877	307257	305872	0.45	cps
Terbium	159-1	8166172	8278788	8303899	8249620	0.89	cps
Terbium	159-2	1648611	1685737	1650739	1661695	1.25	cps
Thallium	203-1	19724	19716	18623	19354	3.27	cps
Thallium	205-1	45491	45658	45374	45507	0.31	cps
Tin	118-1	73703	71877	71123	72234	1.84	cps
Titanium	47-1	10696	10763	10454	10638	1.53	cps
Uranium	238-1	62046	64702	63629	63459	2.11	cps
Vanadium	51-2	5975	5898	5945	5939	0.65	cps
Yttrium	89-1	6118286	6067750	6187742	6124593	0.98	cps
Yttrium	89-2	184008	186592	184676	185092	0.72	cps
Zinc	66-2	750	667	700	706	5.94	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113531BS	Instrumnet Name :	P8
Client Sample ID :	PB113531BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:31:52	DataFile Name :	037LCSE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	29550	29742	30226	29839	1.17	cps
Zirconium	91-1	6794	6985	6869	6883	1.40	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	305257	302025	300274	302519	0.84	cps
Antimony	121-1	5246473	5268155	5245238	5253289	0.25	cps
Arsenic	75-1	1245214	1238060	1226282	1236519	0.77	cps
Barium	135-1	5613766	5594637	5548527	5585643	0.60	cps
Barium	137-1	9762406	9733795	9740586	9745596	0.15	cps
Beryllium	9-1	612617	611146	610050	611271	0.21	cps
Bismuth	209-1	5424232	5511532	5466384	5467383	0.80	cps
Bismuth	209-2	1304098	1306212	1305341	1305217	0.08	cps
Boron	10-1	69653	68882	69920	69485	0.78	cps
Boron	11-1	335225	341433	345043	340567	1.46	cps
Cadmium	111-1	1123632	1120210	1117664	1120502	0.27	cps
Cadmium	106-1	119232	120821	121359	120471	0.92	cps
Cadmium	108-1	80812	81637	81977	81475	0.74	cps
Calcium	43-1	5043906	5049886	4998773	5030855	0.56	cps
Calcium	44-1	82370585	82195446	82150791	82238941	0.14	cps
Chromium	52-2	399638	392785	394709	395711	0.89	cps
Cobalt	59-2	839567	833223	833513	835434	0.43	cps
Copper	63-2	1427021	1422238	1416236	1421832	0.38	cps
Dysprosium	156-1	183	92	150	142	32.75	cps
Dysprosium	156-2	20	7	7	11	69.25	cps
Erbium	164-1	17	50	42	36	48.03	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	37	7	17	20	76.36	cps
Holmium	165-1	7973391	8064775	8037296	8025154	0.58	cps
Holmium	165-2	1667921	1665424	1653921	1662422	0.45	cps
Indium	115-1	5611162	5647334	5648422	5635639	0.38	cps
Indium	115-2	234066	232710	233597	233458	0.29	cps
Iron	56-2	64810976	64889146	64500663	64733595	0.32	cps
Iron	57-2	1671515	1675089	1657489	1668031	0.56	cps
Krypton	83-1	423	413	393	410	3.73	cps
Lead	206-1	3807636	3838880	3784101	3810206	0.72	cps
Lead	207-1	3511135	3480381	3494434	3495317	0.44	cps
Lead	208-1	15655818	15724663	15642815	15674432	0.28	cps
Lithium	6-1	972909	967676	971850	970811	0.29	cps
Magnesium	24-2	6287390	6318791	6301000	6302394	0.25	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	227382	224391	223876	225216	0.84	cps
Molybdenum	94-1	8682124	8618388	8668381	8656298	0.39	cps
Molybdenum	95-1	10766002	10699219	10689773	10718331	0.39	cps
Molybdenum	96-1	11963350	11908077	11888500	11919976	0.33	cps
Molybdenum	97-1	6797617	6806969	6717745	6774110	0.72	cps
Molybdenum	98-1	17381707	17417946	17288630	17362761	0.38	cps
Neodymium	150-1	233	347	267	282	20.64	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	251476	251523	252313	251771	0.19	cps
Phosphorus	31-2	3942	3876	3817	3878	1.61	cps
Potassium	39-2	1732383	1717388	1716143	1721971	0.52	cps
Rhodium	103-1	5047447	5090304	5108540	5082097	0.62	cps
Rhodium	103-2	1316177	1322456	1321313	1319982	0.25	cps
Scandium	45-1	3080753	3092031	3072280	3081688	0.32	cps
Scandium	45-2	21330	21440	20766	21178	1.71	cps
Selenium	77-2	343	360	300	334	9.26	cps
Selenium	78-2	1200	1120	1113	1145	4.22	cps
Selenium	82-1	67651	67090	66893	67211	0.58	cps
Silicon	28-1	2160497	2167202	2175089	2167596	0.34	cps
Silver	109-1	5142647	5199523	5119357	5153843	0.80	cps
Silver	107-1	5394027	5422142	5386575	5400914	0.35	cps
Sodium	23-2	13995359	13977712	13954146	13975739	0.15	cps
Strontium	86-1	1318943	1311676	1308761	1313127	0.40	cps
Strontium	88-1	11431104	11434547	11416399	11427350	0.08	cps
Sulfur	34-1	581224	575518	573323	576688	0.71	cps
Terbium	159-1	8213226	8174889	8180590	8189568	0.25	cps
Terbium	159-2	1610852	1581053	1574915	1588940	1.21	cps
Thallium	203-1	4721964	4763630	4755113	4746902	0.46	cps
Thallium	205-1	11207261	11181488	11149467	11179406	0.26	cps
Tin	118-1	3618550	3609132	3598965	3608882	0.27	cps
Titanium	47-1	2569945	2552060	2550732	2557579	0.42	cps
Uranium	238-1	16272856	16408519	16302944	16328106	0.44	cps
Vanadium	51-2	281341	279642	279663	280215	0.35	cps
Yttrium	89-1	5838217	5827085	5811811	5825704	0.23	cps
Yttrium	89-2	171600	168951	170323	170291	0.78	cps
Zinc	66-2	140829	138590	140119	139846	0.82	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV89	Instrumnet Name :	P8
Client Sample ID :	CCV89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:35:16	DataFile Name :	038CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7198645	7201544	7254756	7218315	0.44	cps
Zirconium	91-1	1638859	1641806	1633257	1637974	0.27	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : CCB89 Instrumnet Name : P8
 Client Sample ID : CCB89 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 16:51:18 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	8	25	20	54.50	cps
Antimony	121-1	1925	2200	2400	2175	10.97	cps
Arsenic	75-1	192	175	150	172	12.18	cps
Barium	135-1	25	50	67	47	44.41	cps
Barium	137-1	100	92	67	86	20.15	cps
Beryllium	9-1	150	111	150	137	16.38	cps
Bismuth	209-1	5772883	5726592	5843695	5781056	1.02	cps
Bismuth	209-2	1405516	1393161	1424878	1407852	1.14	cps
Boron	10-1	383	500	450	444	13.17	cps
Boron	11-1	2250	2284	2225	2253	1.30	cps
Cadmium	111-1	144	140	120	135	9.58	cps
Cadmium	106-1	1192	1192	1158	1181	1.63	cps
Cadmium	108-1	0	17	0	6	173.21	cps
Calcium	43-1	425	308	450	394	19.17	cps
Calcium	44-1	11489	11038	11013	11180	2.39	cps
Chromium	52-2	383	353	477	404	15.90	cps
Cobalt	59-2	77	47	17	47	64.28	cps
Copper	63-2	237	323	277	279	15.55	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	8	50	17	25	88.19	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	33	58	67	53	32.88	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	8033072	8057204	8020594	8036957	0.23	cps
Holmium	165-2	1710223	1692221	1733802	1712082	1.22	cps
Indium	115-1	5963413	5949809	6066449	5993223	1.06	cps
Indium	115-2	253751	253890	257855	255165	0.91	cps
Iron	56-2	1456	1583	1695	1578	7.58	cps
Iron	57-2	28	67	39	44	45.07	cps
Krypton	83-1	337	403	413	384	10.84	cps
Lead	206-1	244	422	361	343	26.37	cps
Lead	207-1	394	322	356	357	10.11	cps
Lead	208-1	1378	1672	1506	1519	9.72	cps
Lithium	6-1	1026272	1029744	1043459	1033158	0.88	cps
Magnesium	24-2	358	367	367	364	1.32	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:51:18	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	13	27	24	41.66	cps
Molybdenum	94-1	850	867	692	803	12.03	cps
Molybdenum	95-1	600	608	442	550	17.08	cps
Molybdenum	96-1	658	650	617	642	3.44	cps
Molybdenum	97-1	350	342	358	350	2.38	cps
Molybdenum	98-1	658	858	808	775	13.43	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	287	270	280	279	3.01	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2284	2367	2100	2250	6.06	cps
Rhodium	103-1	5591350	5626149	5673459	5630319	0.73	cps
Rhodium	103-2	1466063	1456494	1473688	1465415	0.59	cps
Scandium	45-1	3173654	3210986	3233669	3206103	0.95	cps
Scandium	45-2	22468	22785	22966	22740	1.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	4	2	100.00	cps
Selenium	82-1	47	7	-60	-2	-2529.21	cps
Silicon	28-1	174063	172631	172217	172970	0.56	cps
Silver	109-1	225	283	175	228	23.80	cps
Silver	107-1	275	283	267	275	3.03	cps
Sodium	23-2	8320	8303	7736	8119	4.09	cps
Strontium	86-1	542	692	650	628	12.33	cps
Strontium	88-1	200	192	233	208	10.58	cps
Sulfur	34-1	306117	305811	305827	305918	0.06	cps
Terbium	159-1	8238594	8217413	8386456	8280821	1.11	cps
Terbium	159-2	1648969	1655877	1652968	1652605	0.21	cps
Thallium	203-1	292	317	283	297	5.84	cps
Thallium	205-1	850	942	875	889	5.33	cps
Tin	118-1	867	967	875	903	6.15	cps
Titanium	47-1	117	108	108	111	4.33	cps
Uranium	238-1	108	142	125	125	13.33	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	5972695	6018983	6079027	6023568	0.89	cps
Yttrium	89-2	180647	179189	180120	179985	0.41	cps
Zinc	66-2	67	67	50	61	15.75	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB89	Instrumnet Name :	P8
Client Sample ID :	CCB89	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:51:18	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1192	1300	1100	1197	8.36	cps
Zirconium	91-1	225	267	267	253	9.52	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	10	8	10	25.00	cps
Antimony	121-1	850	850	900	867	3.33	cps
Arsenic	75-1	167	208	283	219	26.94	cps
Barium	135-1	108	100	83	97	13.09	cps
Barium	137-1	100	167	108	125	29.06	cps
Beryllium	9-1	167	139	139	148	10.83	cps
Bismuth	209-1	5839322	5798115	5969589	5869009	1.53	cps
Bismuth	209-2	1411743	1380483	1431147	1407791	1.82	cps
Boron	10-1	358	317	408	361	12.71	cps
Boron	11-1	1842	2000	2009	1950	4.82	cps
Cadmium	111-1	146	174	156	159	9.08	cps
Cadmium	106-1	1125	1325	1225	1225	8.16	cps
Cadmium	108-1	13	0	4	6	114.53	cps
Calcium	43-1	308	367	350	342	8.79	cps
Calcium	44-1	11639	11072	10488	11066	5.20	cps
Chromium	52-2	377	407	460	414	10.18	cps
Cobalt	59-2	80	63	43	62	29.51	cps
Copper	63-2	377	303	330	337	11.03	cps
Dysprosium	156-1	0	17	42	19	107.85	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	33	50	8	31	68.64	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	8035780	8102653	8313538	8150657	1.78	cps
Holmium	165-2	1681666	1673154	1714119	1689647	1.28	cps
Indium	115-1	5969263	6037804	6178971	6062013	1.76	cps
Indium	115-2	256302	251451	257155	254969	1.21	cps
Iron	56-2	1306	1372	1606	1428	11.03	cps
Iron	57-2	22	44	78	48	58.08	cps
Krypton	83-1	330	360	370	353	5.89	cps
Lead	206-1	478	467	461	469	1.81	cps
Lead	207-1	422	367	511	433	16.81	cps
Lead	208-1	2011	1767	1783	1854	7.37	cps
Lithium	6-1	1045006	1049090	1050021	1048039	0.25	cps
Magnesium	24-2	342	342	333	339	1.42	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	27	23	30	29.40	cps
Molybdenum	94-1	567	617	633	606	5.73	cps
Molybdenum	95-1	400	292	408	367	17.75	cps
Molybdenum	96-1	567	492	325	461	26.83	cps
Molybdenum	97-1	250	300	258	269	9.94	cps
Molybdenum	98-1	517	475	500	497	4.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	300	293	300	298	1.29	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2475	2034	2092	2200	10.91	cps
Rhodium	103-1	5625839	5718642	5810949	5718476	1.62	cps
Rhodium	103-2	1470744	1463029	1484556	1472776	0.74	cps
Scandium	45-1	3255615	3265130	3361555	3294100	1.78	cps
Scandium	45-2	22702	21827	22608	22379	2.15	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	79	-13	-10	19	278.15	cps
Silicon	28-1	177428	176386	176468	176760	0.33	cps
Silver	109-1	208	100	200	169	35.58	cps
Silver	107-1	150	225	200	192	19.92	cps
Sodium	23-2	7686	7694	7819	7733	0.97	cps
Strontium	86-1	633	600	642	625	3.53	cps
Strontium	88-1	92	167	133	131	28.78	cps
Sulfur	34-1	313780	311351	315509	313547	0.67	cps
Terbium	159-1	8306722	8300947	8480274	8362648	1.22	cps
Terbium	159-2	1652690	1619606	1659081	1643792	1.29	cps
Thallium	203-1	350	375	442	389	12.19	cps
Thallium	205-1	992	1000	1100	1031	5.85	cps
Tin	118-1	642	925	692	753	20.10	cps
Titanium	47-1	75	75	92	81	11.95	cps
Uranium	238-1	517	500	467	494	5.15	cps
Vanadium	51-2	7	0	10	6	91.64	cps
Yttrium	89-1	5989699	6064133	6184047	6079293	1.61	cps
Yttrium	89-2	182019	179485	184271	181925	1.32	cps
Zinc	66-2	100	70	110	93	22.30	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BL	Instrumnet Name :	P8
Client Sample ID :	PB113660BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:54:42	DataFile Name :	040CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1067	1075	1150	1097	4.18	cps
Zirconium	91-1	208	200	200	203	2.37	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57590	57819	57176	57528	0.57	cps
Antimony	121-1	5399856	5370297	5353862	5374671	0.43	cps
Arsenic	75-1	1262653	1259695	1261719	1261356	0.12	cps
Barium	135-1	5701009	5633415	5658656	5664360	0.60	cps
Barium	137-1	10021339	9892675	9882451	9932155	0.78	cps
Beryllium	9-1	615334	609394	607523	610750	0.67	cps
Bismuth	209-1	5711037	5819127	5749831	5759998	0.95	cps
Bismuth	209-2	1369773	1394774	1373542	1379363	0.98	cps
Boron	10-1	66170	67049	67978	67066	1.35	cps
Boron	11-1	323833	332421	335421	330558	1.82	cps
Cadmium	111-1	1171213	1162491	1159690	1164465	0.52	cps
Cadmium	106-1	122873	124605	125278	124252	1.00	cps
Cadmium	108-1	84857	84802	83402	84354	0.98	cps
Calcium	43-1	1051782	1046398	1042057	1046746	0.47	cps
Calcium	44-1	17070633	16967937	16990299	17009623	0.32	cps
Chromium	52-2	380383	383053	380570	381335	0.39	cps
Cobalt	59-2	854652	856149	852881	854561	0.19	cps
Copper	63-2	1498009	1498068	1493824	1496634	0.16	cps
Dysprosium	156-1	83	100	75	86	14.78	cps
Dysprosium	156-2	17	7	0	8	107.84	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	42	92	83	72	37.09	cps
Gadolinium	160-2	7	17	10	11	45.82	cps
Holmium	165-1	8217367	8305426	8154686	8225826	0.92	cps
Holmium	165-2	1695596	1696749	1686620	1692988	0.33	cps
Indium	115-1	5903655	5924757	5875287	5901233	0.42	cps
Indium	115-2	239778	245026	239022	241275	1.36	cps
Iron	56-2	13363916	13442905	13318621	13375148	0.47	cps
Iron	57-2	336971	342938	338684	339531	0.90	cps
Krypton	83-1	423	290	443	386	21.62	cps
Lead	206-1	3937766	3862382	3896043	3898730	0.97	cps
Lead	207-1	3547530	3551175	3563567	3554091	0.24	cps
Lead	208-1	15992272	15912500	16051434	15985402	0.44	cps
Lithium	6-1	998391	1022599	1003125	1008038	1.27	cps
Magnesium	24-2	1347190	1358017	1351061	1352090	0.41	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	225120	227714	225932	226255	0.59	cps
Molybdenum	94-1	8813487	8716584	8696616	8742229	0.72	cps
Molybdenum	95-1	10767934	10757007	10766728	10763890	0.06	cps
Molybdenum	96-1	11912048	11864196	11927340	11901195	0.28	cps
Molybdenum	97-1	6768829	6738428	6695271	6734176	0.55	cps
Molybdenum	98-1	17500086	17356871	17299389	17385449	0.59	cps
Neodymium	150-1	220	220	260	233	9.90	cps
Neodymium	150-2	10	3	7	7	50.03	cps
Nickel	60-2	251768	251385	250278	251144	0.31	cps
Phosphorus	31-2	3876	3817	3426	3706	6.60	cps
Potassium	39-2	343446	345465	340698	343203	0.70	cps
Rhodium	103-1	5406498	5441534	5419527	5422520	0.33	cps
Rhodium	103-2	1393980	1407053	1390932	1397321	0.61	cps
Scandium	45-1	3189219	3186135	3149378	3174910	0.70	cps
Scandium	45-2	21911	21991	22565	22155	1.61	cps
Selenium	77-2	407	310	347	354	13.77	cps
Selenium	78-2	1267	1159	1280	1235	5.35	cps
Selenium	82-1	69136	68844	68248	68742	0.66	cps
Silicon	28-1	2192223	2219419	2195038	2202227	0.68	cps
Silver	109-1	5364037	5468492	5377043	5403191	1.05	cps
Silver	107-1	5702782	5664607	5577676	5648355	1.14	cps
Sodium	23-2	2945193	2952127	2919484	2938935	0.59	cps
Strontium	86-1	1328731	1324419	1318123	1323758	0.40	cps
Strontium	88-1	11626420	11586942	11513592	11575652	0.49	cps
Sulfur	34-1	584986	577548	574376	578970	0.94	cps
Terbium	159-1	8384416	8410407	8438588	8411137	0.32	cps
Terbium	159-2	1632662	1639323	1631433	1634473	0.26	cps
Thallium	203-1	4877709	4809243	4839005	4841986	0.71	cps
Thallium	205-1	11551634	11400729	11385098	11445820	0.80	cps
Tin	118-1	3729723	3703385	3703899	3712335	0.41	cps
Titanium	47-1	2614056	2565317	2555461	2578278	1.22	cps
Uranium	238-1	16122471	16088309	16160187	16123656	0.22	cps
Vanadium	51-2	279624	281724	280210	280519	0.39	cps
Yttrium	89-1	5997778	6095876	6011953	6035203	0.88	cps
Yttrium	89-2	174256	175674	172159	174030	1.02	cps
Zinc	66-2	145106	144654	144843	144868	0.16	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	PB113660BS	Instrumnet Name :	P8
Client Sample ID :	PB113660BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 16:58:06	DataFile Name :	041LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7295531	7272162	7223680	7263791	0.50	cps
Zirconium	91-1	1660817	1645938	1646914	1651223	0.50	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:01:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	88	75	68	77	13.18	cps
Antimony	121-1	10271	10004	9554	9943	3.65	cps
Arsenic	75-1	10004	10671	10596	10424	3.51	cps
Barium	135-1	378719	377959	380404	379028	0.33	cps
Barium	137-1	671339	667322	669131	669264	0.30	cps
Beryllium	9-1	394	350	406	383	7.67	cps
Bismuth	209-1	6465752	6435471	6399254	6433492	0.52	cps
Bismuth	209-2	1502254	1510526	1476588	1496456	1.18	cps
Boron	10-1	7394	7444	7944	7594	4.01	cps
Boron	11-1	38853	37884	37374	38037	1.98	cps
Cadmium	111-1	375	369	363	369	1.58	cps
Cadmium	106-1	1417	1275	1300	1331	5.68	cps
Cadmium	108-1	33	33	29	32	7.52	cps
Calcium	43-1	1582594	1585239	1572541	1580125	0.42	cps
Calcium	44-1	25499954	25374377	25195538	25356623	0.60	cps
Chromium	52-2	1017	867	920	934	8.14	cps
Cobalt	59-2	217	247	227	230	6.64	cps
Copper	63-2	203810	203560	202140	203170	0.44	cps
Dysprosium	156-1	217	275	233	242	12.43	cps
Dysprosium	156-2	63	67	67	66	2.94	cps
Erbium	164-1	425	342	442	403	13.30	cps
Erbium	164-2	67	30	63	53	38.02	cps
Gadolinium	160-1	292	408	317	339	18.13	cps
Gadolinium	160-2	90	103	90	94	8.15	cps
Holmium	165-1	9007079	8995381	8960049	8987503	0.27	cps
Holmium	165-2	1842037	1823964	1787222	1817741	1.54	cps
Indium	115-1	6686836	6691329	6708743	6695636	0.17	cps
Indium	115-2	267932	267166	262127	265742	1.19	cps
Iron	56-2	322246	315507	316752	318168	1.13	cps
Iron	57-2	7936	8242	8158	8112	1.95	cps
Krypton	83-1	347	313	340	333	5.29	cps
Lead	206-1	793282	798549	788982	793604	0.60	cps
Lead	207-1	658283	657641	651358	655761	0.58	cps
Lead	208-1	3083478	3087582	3075964	3082341	0.19	cps
Lithium	6-1	1104461	1123976	1106193	1111543	0.97	cps
Magnesium	24-2	283283	281859	279745	281629	0.63	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:01:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	717	667	777	720	7.65	cps
Molybdenum	94-1	2784	2809	2625	2739	3.63	cps
Molybdenum	95-1	4301	4042	3376	3906	12.22	cps
Molybdenum	96-1	4951	4226	3851	4343	12.88	cps
Molybdenum	97-1	2967	2200	2159	2442	18.64	cps
Molybdenum	98-1	6694	6043	5802	6179	7.47	cps
Neodymium	150-1	247	173	173	198	21.41	cps
Neodymium	150-2	23	30	23	26	15.07	cps
Nickel	60-2	2007	2167	2087	2087	3.83	cps
Phosphorus	31-2	42	58	42	47	20.38	cps
Potassium	39-2	26952	26042	25307	26100	3.16	cps
Rhodium	103-1	6115705	6105559	6078385	6099883	0.32	cps
Rhodium	103-2	1579885	1542454	1512109	1544816	2.20	cps
Scandium	45-1	3550694	3499660	3518275	3522876	0.73	cps
Scandium	45-2	23713	23299	23146	23386	1.26	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	0	0	2	173.21	cps
Selenium	82-1	32	63	33	43	41.31	cps
Silicon	28-1	26743246	26767590	26366965	26625933	0.84	cps
Silver	109-1	1992	2067	2484	2181	12.15	cps
Silver	107-1	2075	2475	2500	2350	10.15	cps
Sodium	23-2	2719546	2708267	2680139	2702651	0.75	cps
Strontium	86-1	280611	280870	277323	279601	0.71	cps
Strontium	88-1	2473323	2487507	2444106	2468312	0.90	cps
Sulfur	34-1	577748	573978	571158	574294	0.58	cps
Terbium	159-1	9238991	9239850	9176166	9218336	0.40	cps
Terbium	159-2	1764131	1768879	1714391	1749134	1.73	cps
Thallium	203-1	2834	2434	2517	2595	8.14	cps
Thallium	205-1	7261	6894	5927	6694	10.30	cps
Tin	118-1	13383	12865	13054	13100	2.00	cps
Titanium	47-1	533	650	542	575	11.32	cps
Uranium	238-1	2976	3142	2825	2981	5.32	cps
Vanadium	51-2	153	153	147	151	2.55	cps
Yttrium	89-1	6746131	6668985	6650464	6688527	0.76	cps
Yttrium	89-2	190390	188900	183840	187710	1.83	cps
Zinc	66-2	13654	13196	13216	13355	1.93	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:01:21	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1684	1317	1358	1453	13.82	cps
Zirconium	91-1	400	317	233	317	26.32	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01DUP	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:04:42	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	40	40	78	53	41.24	cps
Antimony	121-1	3609	4451	3967	4009	10.54	cps
Arsenic	75-1	11872	12607	12765	12415	3.84	cps
Barium	135-1	382523	382013	383562	382699	0.21	cps
Barium	137-1	670758	675678	673663	673366	0.37	cps
Beryllium	9-1	250	300	311	287	11.34	cps
Bismuth	209-1	6540004	6449218	6428579	6472600	0.92	cps
Bismuth	209-2	1506803	1491060	1470942	1489601	1.21	cps
Boron	10-1	6844	6577	6252	6557	4.52	cps
Boron	11-1	31043	30517	32045	31202	2.49	cps
Cadmium	111-1	312	282	301	298	4.93	cps
Cadmium	106-1	1408	1408	1383	1400	1.03	cps
Cadmium	108-1	17	8	25	17	50.01	cps
Calcium	43-1	1563780	1552218	1538835	1551611	0.80	cps
Calcium	44-1	25267591	24985392	24844890	25032624	0.86	cps
Chromium	52-2	950	983	940	958	2.37	cps
Cobalt	59-2	193	183	273	217	22.77	cps
Copper	63-2	203585	200507	199405	201165	1.08	cps
Dysprosium	156-1	283	275	367	308	16.44	cps
Dysprosium	156-2	83	70	70	74	10.35	cps
Erbium	164-1	317	400	442	386	16.48	cps
Erbium	164-2	37	87	47	57	46.69	cps
Gadolinium	160-1	375	442	400	406	8.31	cps
Gadolinium	160-2	93	83	73	83	12.01	cps
Holmium	165-1	9119150	9070312	8990702	9060055	0.72	cps
Holmium	165-2	1803792	1809966	1781587	1798448	0.83	cps
Indium	115-1	6600719	6659202	6569648	6609856	0.69	cps
Indium	115-2	266277	259156	253863	259765	2.40	cps
Iron	56-2	312172	310249	310821	311081	0.32	cps
Iron	57-2	8142	7808	7980	7977	2.09	cps
Krypton	83-1	360	377	387	374	3.60	cps
Lead	206-1	797283	801173	788106	795521	0.84	cps
Lead	207-1	666021	661585	656995	661534	0.68	cps
Lead	208-1	3166476	3172153	3086458	3141696	1.53	cps
Lithium	6-1	1119091	1127575	1092474	1113047	1.65	cps
Magnesium	24-2	275689	274364	272677	274244	0.55	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01DUP	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:04:42	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	810	737	747	764	5.20	cps
Molybdenum	94-1	1117	1192	1067	1125	5.59	cps
Molybdenum	95-1	1192	1425	1058	1225	15.15	cps
Molybdenum	96-1	1292	1275	1375	1314	4.08	cps
Molybdenum	97-1	742	742	808	764	5.04	cps
Molybdenum	98-1	1834	1709	2034	1859	8.82	cps
Neodymium	150-1	267	273	253	264	3.85	cps
Neodymium	150-2	17	33	20	23	37.78	cps
Nickel	60-2	1900	2090	2004	1998	4.76	cps
Phosphorus	31-2	108	83	92	94	13.48	cps
Potassium	39-2	25082	25382	24815	25093	1.13	cps
Rhodium	103-1	6067847	6027903	5987669	6027806	0.67	cps
Rhodium	103-2	1548012	1511872	1474629	1511504	2.43	cps
Scandium	45-1	3489916	3442288	3394313	3442172	1.39	cps
Scandium	45-2	23069	22538	22355	22654	1.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	4	1	173.21	cps
Selenium	82-1	-4	-36	16	-8	-318.15	cps
Silicon	28-1	26477246	26236125	25839489	26184287	1.23	cps
Silver	109-1	2350	2359	2234	2314	3.02	cps
Silver	107-1	2242	2075	2417	2245	7.61	cps
Sodium	23-2	2666725	2679348	2622668	2656247	1.12	cps
Strontium	86-1	278537	281495	274786	278273	1.21	cps
Strontium	88-1	2484684	2481852	2449401	2471979	0.79	cps
Sulfur	34-1	570933	562373	565548	566285	0.76	cps
Terbium	159-1	9300399	9299475	9168780	9256218	0.82	cps
Terbium	159-2	1779302	1747586	1711710	1746199	1.94	cps
Thallium	203-1	1000	750	992	914	15.54	cps
Thallium	205-1	2117	2192	2392	2234	6.37	cps
Tin	118-1	10997	12174	10922	11364	6.18	cps
Titanium	47-1	417	525	300	414	27.19	cps
Uranium	238-1	2242	2459	2517	2406	6.02	cps
Vanadium	51-2	123	160	113	132	18.58	cps
Yttrium	89-1	6613276	6612634	6562954	6596288	0.44	cps
Yttrium	89-2	188514	184626	178713	183951	2.68	cps
Zinc	66-2	13537	13280	12896	13238	2.44	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01DUP	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:04:42	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1050	1133	1150	1111	4.82	cps
Zirconium	91-1	217	208	217	214	2.25	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01LX5	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 17:08:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	20	28	27	23.58	cps
Antimony	121-1	2109	2309	2075	2164	5.83	cps
Arsenic	75-1	3292	3801	3776	3623	7.91	cps
Barium	135-1	69558	69424	69432	69471	0.11	cps
Barium	137-1	120881	124414	123413	122903	1.48	cps
Beryllium	9-1	261	194	239	231	14.66	cps
Bismuth	209-1	6098119	6129019	6022643	6083260	0.90	cps
Bismuth	209-2	1438108	1426080	1425496	1429895	0.50	cps
Boron	10-1	2084	2059	2050	2064	0.84	cps
Boron	11-1	9629	10087	9337	9684	3.91	cps
Cadmium	111-1	169	187	170	175	5.63	cps
Cadmium	106-1	1150	1242	1242	1211	4.37	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	280035	281604	280788	280809	0.28	cps
Calcium	44-1	4663949	4619184	4594569	4625901	0.76	cps
Chromium	52-2	403	570	523	499	17.23	cps
Cobalt	59-2	73	80	90	81	10.34	cps
Copper	63-2	38012	38734	38169	38305	0.99	cps
Dysprosium	156-1	33	75	67	58	37.80	cps
Dysprosium	156-2	23	13	33	23	42.86	cps
Erbium	164-1	50	83	100	78	32.73	cps
Erbium	164-2	10	10	23	14	53.28	cps
Gadolinium	160-1	117	75	100	97	21.57	cps
Gadolinium	160-2	23	13	7	14	58.06	cps
Holmium	165-1	8411442	8401283	8318802	8377176	0.61	cps
Holmium	165-2	1719357	1716288	1715146	1716930	0.13	cps
Indium	115-1	6196143	6201270	6201419	6199610	0.05	cps
Indium	115-2	253908	252752	251582	252748	0.46	cps
Iron	56-2	59772	59767	59773	59771	0.01	cps
Iron	57-2	1500	1611	1533	1548	3.68	cps
Krypton	83-1	367	297	347	337	10.71	cps
Lead	206-1	146305	147430	147749	147161	0.52	cps
Lead	207-1	121408	122323	121588	121773	0.40	cps
Lead	208-1	570572	573855	572640	572356	0.29	cps
Lithium	6-1	1026442	1039265	1022954	1029554	0.83	cps
Magnesium	24-2	51896	51302	51846	51681	0.64	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5332-01LX5 Instrumnet Name : P8
 Client Sample ID : 380925091.9-RAW-WES Dilution Factor : 5
 Date & Time Acquired :: 2018-10-09 17:08:03 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	153	143	187	161	14.08	cps
Molybdenum	94-1	708	767	842	772	8.66	cps
Molybdenum	95-1	625	658	692	658	5.06	cps
Molybdenum	96-1	933	808	758	833	10.82	cps
Molybdenum	97-1	567	542	467	525	9.91	cps
Molybdenum	98-1	1125	1225	1000	1117	10.10	cps
Neodymium	150-1	47	47	47	47	0.00	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	677	687	600	654	7.25	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	6610	6427	6210	6416	3.12	cps
Rhodium	103-1	5746735	5737932	5656504	5713724	0.87	cps
Rhodium	103-2	1473746	1455861	1463659	1464422	0.61	cps
Scandium	45-1	3232042	3212283	3221654	3221993	0.31	cps
Scandium	45-2	21987	21854	21684	21842	0.70	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	-36	77	36	26	221.38	cps
Silicon	28-1	4973998	4926740	4896226	4932322	0.79	cps
Silver	109-1	958	792	858	870	9.65	cps
Silver	107-1	1125	1125	1075	1108	2.60	cps
Sodium	23-2	492634	494708	497669	495004	0.51	cps
Strontium	86-1	50947	51021	50544	50837	0.51	cps
Strontium	88-1	439728	446678	436903	441103	1.14	cps
Sulfur	34-1	350446	347328	345097	347623	0.77	cps
Terbium	159-1	8537871	8656231	8562176	8585426	0.73	cps
Terbium	159-2	1651578	1656378	1649525	1652494	0.21	cps
Thallium	203-1	400	358	342	367	8.19	cps
Thallium	205-1	858	833	783	825	4.63	cps
Tin	118-1	2625	2767	2817	2737	3.63	cps
Titanium	47-1	208	233	233	225	6.42	cps
Uranium	238-1	625	558	500	561	11.15	cps
Vanadium	51-2	40	43	40	41	4.68	cps
Yttrium	89-1	6093174	6193653	6133288	6140038	0.82	cps
Yttrium	89-2	178327	175240	176450	176673	0.88	cps
Zinc	66-2	2550	2590	2710	2617	3.18	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01LX5	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	5
Date & Time Acquired ::	2018-10-09 17:08:03	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	900	942	917	920	2.28	cps
Zirconium	91-1	167	175	208	183	12.02	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MS	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:11:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11255	11713	10990	11319	3.23	cps
Antimony	121-1	8471893	8272645	8262682	8335740	1.42	cps
Arsenic	75-1	2277556	2260079	2240490	2259375	0.82	cps
Barium	135-1	897526	883055	886351	888977	0.85	cps
Barium	137-1	1617997	1596718	1601652	1605455	0.69	cps
Beryllium	9-1	267238	264193	263249	264893	0.79	cps
Bismuth	209-1	6519762	6467816	6415520	6467699	0.81	cps
Bismuth	209-2	1488277	1470983	1444073	1467778	1.52	cps
Boron	10-1	49261	48876	49779	49305	0.92	cps
Boron	11-1	240041	242696	241287	241341	0.55	cps
Cadmium	111-1	524087	523350	520205	522547	0.39	cps
Cadmium	106-1	48522	48739	47577	48279	1.28	cps
Cadmium	108-1	34937	34536	33943	34472	1.45	cps
Calcium	43-1	1570388	1545244	1555822	1557151	0.81	cps
Calcium	44-1	25186821	24868164	24767296	24940760	0.88	cps
Chromium	52-2	317373	318061	314687	316707	0.56	cps
Cobalt	59-2	364499	362495	358064	361686	0.91	cps
Copper	63-2	685298	681817	673774	680296	0.87	cps
Dysprosium	156-1	478261	480273	480657	479730	0.27	cps
Dysprosium	156-2	8997	9113	9217	9109	1.21	cps
Erbium	164-1	342	325	375	347	7.33	cps
Erbium	164-2	70	77	73	73	4.55	cps
Gadolinium	160-1	450	567	408	475	17.28	cps
Gadolinium	160-2	137	80	77	98	34.49	cps
Holmium	165-1	9030507	8978408	8920233	8976383	0.61	cps
Holmium	165-2	1791877	1771215	1744555	1769216	1.34	cps
Indium	115-1	6422579	6365121	6327912	6371871	0.75	cps
Indium	115-2	248224	245915	242872	245671	1.09	cps
Iron	56-2	2046138	2008611	1997550	2017433	1.26	cps
Iron	57-2	50726	49170	50369	50088	1.63	cps
Krypton	83-1	340	340	337	339	0.57	cps
Lead	206-1	9691389	9715597	9573540	9660175	0.79	cps
Lead	207-1	8596685	8583594	8566549	8582276	0.18	cps
Lead	208-1	39455653	39490961	39156698	39367771	0.47	cps
Lithium	6-1	1084136	1093238	1086964	1088112	0.43	cps
Magnesium	24-2	320881	315021	316442	317448	0.96	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MS	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:11:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	46648	46668	46159	46492	0.62	cps
Molybdenum	94-1	1063108	1055891	1052976	1057325	0.49	cps
Molybdenum	95-1	1893604	1883516	1884181	1887100	0.30	cps
Molybdenum	96-1	2039529	2007199	1970554	2005761	1.72	cps
Molybdenum	97-1	1165309	1151401	1154074	1156928	0.64	cps
Molybdenum	98-1	3036702	3032191	3044244	3037713	0.20	cps
Neodymium	150-1	240	227	173	213	16.54	cps
Neodymium	150-2	27	27	30	28	6.92	cps
Nickel	60-2	268504	267568	265697	267256	0.53	cps
Phosphorus	31-2	2525	2442	2400	2456	2.59	cps
Potassium	39-2	164577	163859	161407	163281	1.02	cps
Rhodium	103-1	5932279	5887190	5810536	5876668	1.05	cps
Rhodium	103-2	1472286	1469770	1460908	1467655	0.41	cps
Scandium	45-1	3401549	3306005	3314470	3340674	1.58	cps
Scandium	45-2	21941	21360	21407	21569	1.50	cps
Selenium	77-2	1553	1540	1553	1549	0.50	cps
Selenium	78-2	5186	4936	5229	5117	3.09	cps
Selenium	82-1	313540	310625	308484	310883	0.82	cps
Silicon	28-1	29682590	29512823	29195849	29463754	0.84	cps
Silver	109-1	904666	889667	884547	892960	1.17	cps
Silver	107-1	935481	927035	929654	930723	0.46	cps
Sodium	23-2	2766358	2707543	2720390	2731430	1.13	cps
Strontium	86-1	856952	850528	848963	852148	0.50	cps
Strontium	88-1	7570864	7414795	7390182	7458614	1.31	cps
Sulfur	34-1	553294	551574	547046	550638	0.59	cps
Terbium	159-1	9243285	9143584	9112729	9166533	0.74	cps
Terbium	159-2	1748163	1721861	1692610	1720878	1.61	cps
Thallium	203-1	21874510	21777349	21692653	21781504	0.42	cps
Thallium	205-1	52087474	52096146	51993112	52058911	0.11	cps
Tin	118-1	5583973	5553600	5558063	5565212	0.29	cps
Titanium	47-1	218555	215921	216921	217132	0.61	cps
Uranium	238-1	2300	2675	2475	2484	7.56	cps
Vanadium	51-2	176155	176314	174201	175557	0.67	cps
Yttrium	89-1	6468239	6470699	6472167	6470369	0.03	cps
Yttrium	89-2	178556	176821	175536	176971	0.86	cps
Zinc	66-2	43792	42973	43104	43290	1.02	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MS	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:11:26	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14667	10863	9170	11567	24.34	cps
Zirconium	91-1	3976	3142	2892	3337	17.01	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10644	10809	10301	10585	2.45	cps
Antimony	121-1	8237530	8182063	8194165	8204586	0.36	cps
Arsenic	75-1	2181770	2147449	2135473	2154897	1.12	cps
Barium	135-1	866243	866062	859050	863785	0.47	cps
Barium	137-1	1540480	1564314	1518521	1541105	1.49	cps
Beryllium	9-1	252145	250245	248726	250372	0.68	cps
Bismuth	209-1	6541695	6436112	6435494	6471100	0.94	cps
Bismuth	209-2	1476129	1461258	1462994	1466793	0.55	cps
Boron	10-1	48157	48483	49077	48572	0.96	cps
Boron	11-1	232142	233911	238426	234826	1.38	cps
Cadmium	111-1	506183	506402	498480	503688	0.90	cps
Cadmium	106-1	46331	46841	45661	46278	1.28	cps
Cadmium	108-1	33308	33530	33250	33362	0.44	cps
Calcium	43-1	1465881	1482333	1441556	1463257	1.40	cps
Calcium	44-1	24009032	23879783	23540507	23809774	1.02	cps
Chromium	52-2	303086	300733	299184	301001	0.65	cps
Cobalt	59-2	344508	344532	340548	343196	0.67	cps
Copper	63-2	650220	644145	644794	646386	0.52	cps
Dysprosium	156-1	467413	463521	461092	464009	0.69	cps
Dysprosium	156-2	9063	8803	8386	8751	3.90	cps
Erbium	164-1	408	425	450	428	4.90	cps
Erbium	164-2	100	80	63	81	22.64	cps
Gadolinium	160-1	533	425	492	483	11.31	cps
Gadolinium	160-2	73	87	107	89	18.88	cps
Holmium	165-1	8922367	8945654	8922909	8930310	0.15	cps
Holmium	165-2	1786987	1768874	1770780	1775547	0.56	cps
Indium	115-1	6314590	6343321	6268246	6308719	0.60	cps
Indium	115-2	241332	240825	239730	240629	0.34	cps
Iron	56-2	1935384	1924503	1916521	1925469	0.49	cps
Iron	57-2	47409	47498	46635	47181	1.01	cps
Krypton	83-1	330	370	317	339	8.19	cps
Lead	206-1	9495635	9373487	9358139	9409087	0.80	cps
Lead	207-1	8523598	8389803	8324430	8412610	1.21	cps
Lead	208-1	38786122	38340677	38317145	38481315	0.69	cps
Lithium	6-1	1062763	1078394	1078469	1073209	0.84	cps
Magnesium	24-2	302861	300855	301259	301659	0.35	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45136	44614	43815	44522	1.49	cps
Molybdenum	94-1	1030990	1025605	1033334	1029976	0.38	cps
Molybdenum	95-1	1844155	1844878	1822530	1837187	0.69	cps
Molybdenum	96-1	1974788	1971338	1957354	1967827	0.47	cps
Molybdenum	97-1	1139400	1130955	1118997	1129784	0.91	cps
Molybdenum	98-1	2955540	2988569	2956211	2966773	0.64	cps
Neodymium	150-1	267	233	233	244	7.87	cps
Neodymium	150-2	23	23	27	24	7.89	cps
Nickel	60-2	255513	254480	254588	254860	0.22	cps
Phosphorus	31-2	2442	2200	2292	2311	5.28	cps
Potassium	39-2	155619	151643	153781	153681	1.29	cps
Rhodium	103-1	5813708	5805876	5800172	5806585	0.12	cps
Rhodium	103-2	1453750	1432028	1431270	1439016	0.89	cps
Scandium	45-1	3252014	3255852	3216604	3241490	0.67	cps
Scandium	45-2	20642	20859	20235	20579	1.54	cps
Selenium	77-2	1503	1377	1433	1438	4.41	cps
Selenium	78-2	4942	4877	4782	4867	1.65	cps
Selenium	82-1	300412	298429	295840	298227	0.77	cps
Silicon	28-1	28064417	27932168	27624263	27873616	0.81	cps
Silver	109-1	865640	862213	860219	862691	0.32	cps
Silver	107-1	903726	896463	893786	897992	0.57	cps
Sodium	23-2	2595914	2560814	2576774	2577834	0.68	cps
Strontium	86-1	827077	811867	813234	817393	1.03	cps
Strontium	88-1	7202383	7117351	7057564	7125766	1.02	cps
Sulfur	34-1	535604	527346	527552	530167	0.89	cps
Terbium	159-1	9167352	9199087	9074597	9147012	0.71	cps
Terbium	159-2	1688288	1692318	1710880	1697162	0.71	cps
Thallium	203-1	21373129	21075976	21074633	21174579	0.81	cps
Thallium	205-1	51157378	51049429	50656854	50954554	0.52	cps
Tin	118-1	5509390	5446323	5478707	5478140	0.58	cps
Titanium	47-1	212088	209552	206168	209269	1.42	cps
Uranium	238-1	2409	2717	2217	2448	10.31	cps
Vanadium	51-2	167731	165130	163768	165543	1.22	cps
Yttrium	89-1	6383325	6342812	6291323	6339154	0.73	cps
Yttrium	89-2	175403	172372	171393	173056	1.21	cps
Zinc	66-2	42438	41619	41459	41839	1.26	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01MSD	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:14:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5026	4459	3984	4490	11.62	cps
Zirconium	91-1	1709	1717	1634	1686	2.72	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10657	10469	10296	10474	1.72	cps
Antimony	121-1	8251026	8172185	8129683	8184298	0.75	cps
Arsenic	75-1	2138632	2150935	2141418	2143662	0.30	cps
Barium	135-1	871624	870419	864840	868961	0.42	cps
Barium	137-1	1551787	1530660	1533677	1538708	0.74	cps
Beryllium	9-1	251903	248041	247054	248999	1.03	cps
Bismuth	209-1	6465659	6463163	6385262	6438028	0.71	cps
Bismuth	209-2	1459613	1466906	1446421	1457646	0.71	cps
Boron	10-1	46484	48265	49119	47956	2.80	cps
Boron	11-1	232783	238850	239848	237160	1.61	cps
Cadmium	111-1	505061	503094	503906	504020	0.20	cps
Cadmium	106-1	45829	45352	44834	45338	1.10	cps
Cadmium	108-1	33496	33396	32598	33163	1.48	cps
Calcium	43-1	1470878	1465458	1459577	1465304	0.39	cps
Calcium	44-1	23716613	23611099	23283682	23537131	0.96	cps
Chromium	52-2	301555	294933	292682	296390	1.56	cps
Cobalt	59-2	342903	341511	339414	341276	0.51	cps
Copper	63-2	645234	638245	635435	639638	0.79	cps
Dysprosium	156-1	466157	465758	458177	463364	0.97	cps
Dysprosium	156-2	8766	8866	8836	8823	0.58	cps
Erbium	164-1	475	400	333	403	17.60	cps
Erbium	164-2	87	60	87	78	19.80	cps
Gadolinium	160-1	450	450	500	467	6.19	cps
Gadolinium	160-2	103	80	80	88	15.35	cps
Holmium	165-1	8911774	8936480	8834395	8894216	0.60	cps
Holmium	165-2	1767465	1741032	1749453	1752650	0.77	cps
Indium	115-1	6238384	6220245	6153391	6204007	0.72	cps
Indium	115-2	238728	235264	235909	236634	0.78	cps
Iron	56-2	1917071	1883189	1887871	1896044	0.97	cps
Iron	57-2	47113	45754	47119	46662	1.69	cps
Krypton	83-1	433	393	353	393	10.17	cps
Lead	206-1	9531144	9551954	9386144	9489747	0.95	cps
Lead	207-1	8498632	8482859	8413531	8465007	0.53	cps
Lead	208-1	39028364	38849502	38439644	38772503	0.78	cps
Lithium	6-1	1079715	1068203	1061709	1069876	0.85	cps
Magnesium	24-2	300524	294580	297663	297589	1.00	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44026	43835	43347	43736	0.80	cps
Molybdenum	94-1	1032111	1024774	1014726	1023870	0.85	cps
Molybdenum	95-1	1840412	1826245	1819662	1828773	0.58	cps
Molybdenum	96-1	1969470	1935076	1932487	1945677	1.06	cps
Molybdenum	97-1	1129988	1125493	1109529	1121670	0.96	cps
Molybdenum	98-1	2999231	2960406	2924583	2961407	1.26	cps
Neodymium	150-1	273	240	207	240	13.89	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	253915	252481	250105	252167	0.76	cps
Phosphorus	31-2	2075	2209	2259	2181	4.35	cps
Potassium	39-2	149756	150503	147600	149286	1.01	cps
Rhodium	103-1	5737684	5675577	5697027	5703429	0.55	cps
Rhodium	103-2	1417845	1422394	1412376	1417539	0.35	cps
Scandium	45-1	3198056	3192854	3144582	3178497	0.93	cps
Scandium	45-2	20048	20455	19964	20156	1.30	cps
Selenium	77-2	1477	1420	1393	1430	2.98	cps
Selenium	78-2	5012	4949	4990	4984	0.64	cps
Selenium	82-1	298706	297659	295939	297435	0.47	cps
Silicon	28-1	27833680	27528483	27331946	27564703	0.92	cps
Silver	109-1	861074	857888	857752	858905	0.22	cps
Silver	107-1	899330	894899	891704	895311	0.43	cps
Sodium	23-2	2598146	2530731	2537024	2555300	1.46	cps
Strontium	86-1	814439	814748	804011	811066	0.75	cps
Strontium	88-1	7085351	7137361	7000690	7074467	0.98	cps
Sulfur	34-1	525845	522448	518767	522353	0.68	cps
Terbium	159-1	9042412	9127781	9002872	9057688	0.70	cps
Terbium	159-2	1682659	1704598	1676247	1687835	0.88	cps
Thallium	203-1	21535359	21486888	21320250	21447499	0.53	cps
Thallium	205-1	51836831	51284646	50705172	51275550	1.10	cps
Tin	118-1	5470905	5479382	5424416	5458234	0.54	cps
Titanium	47-1	210233	207523	204794	207516	1.31	cps
Uranium	238-1	2384	2550	2409	2448	3.67	cps
Vanadium	51-2	165507	163309	163192	164003	0.80	cps
Yttrium	89-1	6270634	6267795	6213681	6250704	0.51	cps
Yttrium	89-2	170088	168653	168484	169075	0.52	cps
Zinc	66-2	41425	41077	40195	40899	1.55	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-01A	Instrumnet Name :	P8
Client Sample ID :	380925091.9-RAW-WES	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:18:01	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3384	3226	2750	3120	10.57	cps
Zirconium	91-1	1500	1625	1258	1461	12.76	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	40	23	30	30.04	cps
Antimony	121-1	22870	22278	20884	22011	4.63	cps
Arsenic	75-1	16043	16719	16652	16472	2.26	cps
Barium	135-1	3351	3059	3434	3281	6.00	cps
Barium	137-1	5902	6285	5877	6021	3.80	cps
Beryllium	9-1	256	339	278	291	14.84	cps
Bismuth	209-1	6453742	6383082	6383117	6406647	0.64	cps
Bismuth	209-2	1460607	1456499	1452958	1456688	0.26	cps
Boron	10-1	8286	7836	7761	7961	3.57	cps
Boron	11-1	40141	39113	38820	39358	1.76	cps
Cadmium	111-1	247	185	227	220	14.45	cps
Cadmium	106-1	1225	1183	1350	1253	6.92	cps
Cadmium	108-1	46	8	13	22	92.50	cps
Calcium	43-1	10388	9570	9587	9848	4.74	cps
Calcium	44-1	173805	175763	172631	174066	0.91	cps
Chromium	52-2	777	760	757	764	1.40	cps
Cobalt	59-2	207	177	160	181	13.06	cps
Copper	63-2	67386	67426	66398	67070	0.87	cps
Dysprosium	156-1	83	67	83	78	12.37	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	58	133	83	92	41.66	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	8869597	8800038	8737628	8802421	0.75	cps
Holmium	165-2	1776080	1742335	1762309	1760241	0.96	cps
Indium	115-1	6363993	6297698	6266489	6309393	0.79	cps
Indium	115-2	249120	246211	243909	246413	1.06	cps
Iron	56-2	3467	3556	3278	3434	4.13	cps
Iron	57-2	83	56	72	70	19.87	cps
Krypton	83-1	273	340	363	326	14.35	cps
Lead	206-1	4590	4345	4323	4419	3.35	cps
Lead	207-1	4268	4095	3823	4062	5.52	cps
Lead	208-1	19079	18089	17133	18100	5.38	cps
Lithium	6-1	1062182	1056446	1046844	1055157	0.73	cps
Magnesium	24-2	1383	1183	1267	1278	7.86	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	77	70	70	9.53	cps
Molybdenum	94-1	1533	1525	1233	1431	11.94	cps
Molybdenum	95-1	2500	2109	2075	2228	10.61	cps
Molybdenum	96-1	2942	2484	2200	2542	14.73	cps
Molybdenum	97-1	1458	1700	1175	1445	18.19	cps
Molybdenum	98-1	3867	3509	2975	3451	13.01	cps
Neodymium	150-1	33	13	13	20	57.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	430	533	483	482	10.72	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3384	2917	3234	3178	7.50	cps
Rhodium	103-1	5751240	5721896	5752428	5741855	0.30	cps
Rhodium	103-2	1438487	1426486	1422581	1429185	0.58	cps
Scandium	45-1	3170891	3126729	3132753	3143458	0.76	cps
Scandium	45-2	21056	20148	20492	20565	2.23	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	186	85	44	105	69.65	cps
Silicon	28-1	22953332	22828467	22497074	22759624	1.04	cps
Silver	109-1	1250	1442	1609	1433	12.51	cps
Silver	107-1	1525	1417	1742	1561	10.60	cps
Sodium	23-2	7835083	7864106	7819668	7839619	0.29	cps
Strontium	86-1	2534	2584	2634	2584	1.94	cps
Strontium	88-1	19014	17737	17595	18116	4.31	cps
Sulfur	34-1	520119	517013	515498	517543	0.46	cps
Terbium	159-1	9137185	9149231	8953435	9079950	1.21	cps
Terbium	159-2	1688568	1711970	1689793	1696777	0.78	cps
Thallium	203-1	4134	4109	3884	4042	3.41	cps
Thallium	205-1	10463	9396	9212	9690	6.97	cps
Tin	118-1	4634	4726	4251	4537	5.56	cps
Titanium	47-1	342	492	408	414	18.16	cps
Uranium	238-1	317	392	475	394	20.08	cps
Vanadium	51-2	73	67	77	72	7.05	cps
Yttrium	89-1	6277177	6208304	6171982	6219155	0.86	cps
Yttrium	89-2	173121	170108	171129	171453	0.89	cps
Zinc	66-2	2227	2250	2327	2268	2.31	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5332-02	Instrumnet Name :	P8
Client Sample ID :	380925092.0-WESSION	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:21:18	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	725	675	753	12.59	cps
Zirconium	91-1	217	233	175	208	14.42	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	25	38	46	56.77	cps
Antimony	121-1	9387	10630	10555	10190	6.84	cps
Arsenic	75-1	21818	22736	23463	22672	3.63	cps
Barium	135-1	205815	206691	204785	205764	0.46	cps
Barium	137-1	366930	364216	364485	365210	0.41	cps
Beryllium	9-1	244	222	217	228	6.45	cps
Bismuth	209-1	6556270	6513326	6404524	6491373	1.20	cps
Bismuth	209-2	1494894	1481167	1484146	1486736	0.49	cps
Boron	10-1	11497	10788	10571	10952	4.42	cps
Boron	11-1	55191	55031	56120	55447	1.06	cps
Cadmium	111-1	187	190	176	184	4.03	cps
Cadmium	106-1	1242	1317	1217	1258	4.14	cps
Cadmium	108-1	21	13	21	18	26.64	cps
Calcium	43-1	822721	817770	812284	817592	0.64	cps
Calcium	44-1	13434246	13355406	13151184	13313612	1.10	cps
Chromium	52-2	737	643	660	680	7.32	cps
Cobalt	59-2	33	53	53	47	24.75	cps
Copper	63-2	35322	34550	34463	34778	1.36	cps
Dysprosium	156-1	92	83	67	81	15.80	cps
Dysprosium	156-2	3	17	13	11	62.48	cps
Erbium	164-1	133	133	108	125	11.55	cps
Erbium	164-2	43	7	20	23	79.53	cps
Gadolinium	160-1	100	158	83	114	34.58	cps
Gadolinium	160-2	13	17	17	16	12.40	cps
Holmium	165-1	9114092	9051704	9014086	9059961	0.56	cps
Holmium	165-2	1837285	1789362	1796629	1807759	1.43	cps
Indium	115-1	6522219	6435550	6421980	6459916	0.84	cps
Indium	115-2	254638	248141	250492	251090	1.31	cps
Iron	56-2	2917	2817	2639	2791	5.04	cps
Iron	57-2	111	89	67	89	25.00	cps
Krypton	83-1	320	347	370	346	7.24	cps
Lead	206-1	6196	6179	5979	6118	1.97	cps
Lead	207-1	5307	5207	5218	5244	1.05	cps
Lead	208-1	24232	24171	24243	24215	0.16	cps
Lithium	6-1	1104415	1079080	1106929	1096808	1.40	cps
Magnesium	24-2	551853	548810	545824	548829	0.55	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	47	53	48	10.66	cps
Molybdenum	94-1	12573	12748	13315	12879	3.01	cps
Molybdenum	95-1	22261	22344	22311	22305	0.19	cps
Molybdenum	96-1	23738	24289	24131	24053	1.18	cps
Molybdenum	97-1	14625	14216	13774	14205	3.00	cps
Molybdenum	98-1	36141	35330	34762	35411	1.96	cps
Neodymium	150-1	67	53	60	60	11.11	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	480	427	400	436	9.35	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	16661	16260	16677	16533	1.43	cps
Rhodium	103-1	5917824	5827449	5835829	5860367	0.85	cps
Rhodium	103-2	1461394	1449258	1452796	1454482	0.43	cps
Scandium	45-1	3224925	3184177	3215723	3208275	0.67	cps
Scandium	45-2	20148	20358	20595	20367	1.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	34	16	-6	15	134.59	cps
Silicon	28-1	30471235	30129239	29704429	30101634	1.28	cps
Silver	109-1	1208	1325	1408	1314	7.65	cps
Silver	107-1	1492	1492	1700	1561	7.70	cps
Sodium	23-2	858445	855045	852330	855273	0.36	cps
Strontium	86-1	2225053	2195793	2191760	2204202	0.82	cps
Strontium	88-1	18903574	18879181	18653215	18811990	0.73	cps
Sulfur	34-1	504926	501790	500665	502460	0.44	cps
Terbium	159-1	9236865	9201427	9229973	9222755	0.20	cps
Terbium	159-2	1755277	1714192	1718159	1729209	1.31	cps
Thallium	203-1	2134	2225	2500	2286	8.35	cps
Thallium	205-1	4918	5160	5451	5176	5.16	cps
Tin	118-1	2650	2625	2667	2648	0.79	cps
Titanium	47-1	475	417	300	397	22.43	cps
Uranium	238-1	311541	314026	313849	313139	0.44	cps
Vanadium	51-2	527	527	520	524	0.73	cps
Yttrium	89-1	6469649	6343133	6335754	6382845	1.18	cps
Yttrium	89-2	174073	173009	172797	173293	0.39	cps
Zinc	66-2	3407	3567	3651	3542	3.49	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5333-01	Instrumnet Name :	P8
Client Sample ID :	380919026.1-BAYER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:24:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	700	750	700	717	4.03	cps
Zirconium	91-1	175	83	108	122	38.77	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	277958	279076	278896	278643	0.22	cps
Antimony	121-1	5158882	5152368	5148525	5153258	0.10	cps
Arsenic	75-1	1186905	1188899	1194089	1189964	0.31	cps
Barium	135-1	5580165	5581481	5594160	5585269	0.14	cps
Barium	137-1	9783747	9709584	9782483	9758605	0.44	cps
Beryllium	9-1	570076	574976	567050	570701	0.70	cps
Bismuth	209-1	5587241	5501399	5620263	5569635	1.10	cps
Bismuth	209-2	1310783	1303662	1304779	1306408	0.29	cps
Boron	10-1	65617	67091	67308	66672	1.38	cps
Boron	11-1	318839	324774	332931	325515	2.17	cps
Cadmium	111-1	1113303	1111611	1117205	1114040	0.26	cps
Cadmium	106-1	117365	117046	119988	118133	1.37	cps
Cadmium	108-1	81054	80794	80639	80829	0.26	cps
Calcium	43-1	4779775	4777349	4744346	4767157	0.42	cps
Calcium	44-1	77915675	77620079	77922385	77819380	0.22	cps
Chromium	52-2	372033	369272	370995	370767	0.38	cps
Cobalt	59-2	793866	791647	793450	792988	0.15	cps
Copper	63-2	1353382	1355794	1356358	1355178	0.12	cps
Dysprosium	156-1	133	167	100	133	25.00	cps
Dysprosium	156-2	17	3	17	12	63.01	cps
Erbium	164-1	75	125	50	83	45.83	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	100	100	92	97	4.95	cps
Gadolinium	160-2	23	10	10	14	53.28	cps
Holmium	165-1	8147364	8064635	8185479	8132493	0.76	cps
Holmium	165-2	1675186	1650350	1636039	1653859	1.20	cps
Indium	115-1	5621173	5576789	5631313	5609758	0.52	cps
Indium	115-2	224876	222088	222288	223084	0.70	cps
Iron	56-2	61217668	60762292	60776317	60918759	0.43	cps
Iron	57-2	1564796	1572804	1568717	1568772	0.26	cps
Krypton	83-1	467	410	360	412	12.95	cps
Lead	206-1	3939488	3889886	3905872	3911749	0.65	cps
Lead	207-1	3564759	3567934	3554614	3562436	0.20	cps
Lead	208-1	16009868	15952307	15942844	15968340	0.23	cps
Lithium	6-1	930164	937477	954642	940761	1.34	cps
Magnesium	24-2	5889765	5856425	5937264	5894485	0.69	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	209671	208206	209083	208987	0.35	cps
Molybdenum	94-1	8487551	8496022	8461163	8481579	0.21	cps
Molybdenum	95-1	10449677	10408467	10467138	10441761	0.29	cps
Molybdenum	96-1	11605357	11477250	11688580	11590396	0.92	cps
Molybdenum	97-1	6560426	6606770	6636082	6601093	0.58	cps
Molybdenum	98-1	17033030	17006515	17132800	17057448	0.39	cps
Neodymium	150-1	327	260	227	271	18.78	cps
Neodymium	150-2	10	10	7	9	21.63	cps
Nickel	60-2	239128	239003	238490	238873	0.14	cps
Phosphorus	31-2	3617	3476	3401	3498	3.15	cps
Potassium	39-2	1589405	1573160	1572942	1578502	0.60	cps
Rhodium	103-1	5068876	5011894	5082483	5054417	0.74	cps
Rhodium	103-2	1298129	1281231	1281876	1287079	0.74	cps
Scandium	45-1	2926939	2886412	2910307	2907886	0.70	cps
Scandium	45-2	19991	19350	19370	19570	1.86	cps
Selenium	77-2	333	290	317	313	6.98	cps
Selenium	78-2	1137	1113	1128	1126	1.08	cps
Selenium	82-1	65019	64893	65752	65221	0.71	cps
Silicon	28-1	2014998	2033721	2041705	2030141	0.68	cps
Silver	109-1	5106636	5070098	5109578	5095437	0.43	cps
Silver	107-1	5302458	5294319	5301771	5299516	0.09	cps
Sodium	23-2	13096707	13001896	13011846	13036816	0.40	cps
Strontium	86-1	1280055	1277518	1284474	1280682	0.27	cps
Strontium	88-1	11203626	11148603	11191645	11181291	0.26	cps
Sulfur	34-1	550539	550677	547681	549632	0.31	cps
Terbium	159-1	8238219	8252250	8325703	8272057	0.57	cps
Terbium	159-2	1594136	1563097	1575997	1577743	0.99	cps
Thallium	203-1	4876986	4876527	4874231	4875915	0.03	cps
Thallium	205-1	11529329	11511389	11558237	11532985	0.20	cps
Tin	118-1	3625688	3594341	3594234	3604755	0.50	cps
Titanium	47-1	2427148	2421860	2422571	2423860	0.12	cps
Uranium	238-1	16797109	16826531	16851467	16825036	0.16	cps
Vanadium	51-2	262579	262300	262752	262544	0.09	cps
Yttrium	89-1	5679102	5714724	5752729	5715518	0.64	cps
Yttrium	89-2	161806	160904	162105	161605	0.39	cps
Zinc	66-2	131311	131960	131967	131746	0.29	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV90	Instrumnet Name :	P8
Client Sample ID :	CCV90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:28:03	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7023712	7033403	7070807	7042641	0.35	cps
Zirconium	91-1	1588919	1592815	1579161	1586965	0.44	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:31:16	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	18	33	22	43.70	cps
Antimony	121-1	13416	12715	11731	12620	6.71	cps
Arsenic	75-1	983	1017	950	983	3.39	cps
Barium	135-1	317	333	208	286	23.72	cps
Barium	137-1	533	442	483	486	9.44	cps
Beryllium	9-1	467	517	411	465	11.36	cps
Bismuth	209-1	5980759	5999369	5984514	5988214	0.16	cps
Bismuth	209-2	1413830	1365101	1385402	1388111	1.76	cps
Boron	10-1	3209	3084	2467	2920	13.60	cps
Boron	11-1	14341	13899	11872	13371	9.85	cps
Cadmium	111-1	319	286	241	282	13.97	cps
Cadmium	106-1	1067	1233	1117	1139	7.51	cps
Cadmium	108-1	8	17	29	18	58.09	cps
Calcium	43-1	450	492	417	453	8.30	cps
Calcium	44-1	13265	13557	13716	13513	1.69	cps
Chromium	52-2	443	393	427	421	6.05	cps
Cobalt	59-2	47	73	73	64	23.88	cps
Copper	63-2	473	500	463	479	3.96	cps
Dysprosium	156-1	25	0	17	14	91.65	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	42	25	31	31.50	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	58	42	33	44	28.65	cps
Gadolinium	160-2	0	3	10	4	114.60	cps
Holmium	165-1	8143465	8170142	8288485	8200697	0.94	cps
Holmium	165-2	1695137	1632828	1647030	1658332	1.97	cps
Indium	115-1	5877169	5988895	5929807	5931957	0.94	cps
Indium	115-2	239095	235855	238449	237800	0.72	cps
Iron	56-2	4234	4145	3973	4117	3.23	cps
Iron	57-2	111	122	133	122	9.09	cps
Krypton	83-1	357	417	373	382	8.10	cps
Lead	206-1	828	872	739	813	8.35	cps
Lead	207-1	756	739	728	741	1.89	cps
Lead	208-1	3400	3439	3439	3426	0.66	cps
Lithium	6-1	999595	1003191	988052	996946	0.79	cps
Magnesium	24-2	433	550	558	514	13.60	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:31:16	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	33	27	42	50.76	cps
Molybdenum	94-1	3267	2992	2800	3020	7.77	cps
Molybdenum	95-1	4418	3759	3342	3840	14.12	cps
Molybdenum	96-1	4601	4042	4009	4218	7.88	cps
Molybdenum	97-1	2775	2550	2167	2498	12.32	cps
Molybdenum	98-1	6960	6168	5743	6291	9.82	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	263	267	263	264	0.73	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1900	1942	1925	1922	1.09	cps
Rhodium	103-1	5486035	5479267	5456919	5474074	0.28	cps
Rhodium	103-2	1400331	1374073	1382871	1385758	0.96	cps
Scandium	45-1	2957138	2951029	2964967	2957711	0.24	cps
Scandium	45-2	19681	18990	19884	19518	2.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	7	4	100.05	cps
Selenium	82-1	-5	-31	3	-11	-164.55	cps
Silicon	28-1	158728	160768	159621	159706	0.64	cps
Silver	109-1	892	942	1025	953	7.07	cps
Silver	107-1	1017	917	908	947	6.36	cps
Sodium	23-2	8728	8795	8453	8659	2.09	cps
Strontium	86-1	658	683	508	617	15.35	cps
Strontium	88-1	883	750	992	875	13.83	cps
Sulfur	34-1	283416	282052	284468	283312	0.43	cps
Terbium	159-1	8379445	8466457	8399435	8415113	0.54	cps
Terbium	159-2	1617697	1586214	1602418	1602110	0.98	cps
Thallium	203-1	2434	2200	1892	2175	12.49	cps
Thallium	205-1	5552	5010	4768	5110	7.85	cps
Tin	118-1	3167	2667	2825	2887	8.86	cps
Titanium	47-1	267	233	275	258	8.53	cps
Uranium	238-1	1108	1008	925	1014	9.05	cps
Vanadium	51-2	30	27	13	23	37.81	cps
Yttrium	89-1	5804412	5824032	5800893	5809779	0.21	cps
Yttrium	89-2	163788	161859	162753	162800	0.59	cps
Zinc	66-2	57	73	80	70	17.17	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB90	Instrumnet Name :	P8
Client Sample ID :	CCB90	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:31:16	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2342	2359	2492	2398	3.43	cps
Zirconium	91-1	583	658	558	600	8.67	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	98	80	68	82	18.45	cps
Antimony	121-1	6427	6544	6602	6524	1.37	cps
Arsenic	75-1	11088	12990	13115	12398	9.16	cps
Barium	135-1	15710	14717	15652	15359	3.63	cps
Barium	137-1	27563	26661	26653	26959	1.94	cps
Beryllium	9-1	250	294	206	250	17.78	cps
Bismuth	209-1	6579567	6503519	6464726	6515937	0.90	cps
Bismuth	209-2	1500516	1487655	1480251	1489474	0.69	cps
Boron	10-1	3017	2884	2659	2853	6.35	cps
Boron	11-1	13307	13282	12823	13137	2.07	cps
Cadmium	111-1	270	240	302	271	11.54	cps
Cadmium	106-1	1325	1358	1317	1333	1.65	cps
Cadmium	108-1	21	13	17	17	24.99	cps
Calcium	43-1	16001	15760	15326	15696	2.18	cps
Calcium	44-1	264303	259319	258270	260631	1.24	cps
Chromium	52-2	863	913	857	878	3.53	cps
Cobalt	59-2	50	70	73	64	19.58	cps
Copper	63-2	13717	14074	13954	13915	1.31	cps
Dysprosium	156-1	50	17	17	28	69.27	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	33	50	42	42	20.00	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	50	50	75	58	24.74	cps
Gadolinium	160-2	7	3	7	6	34.70	cps
Holmium	165-1	9111872	9050913	8905687	9022824	1.17	cps
Holmium	165-2	1813855	1783187	1765928	1787657	1.36	cps
Indium	115-1	6488303	6398862	6411578	6432915	0.75	cps
Indium	115-2	250392	248890	249481	249588	0.30	cps
Iron	56-2	4512	4384	4356	4418	1.88	cps
Iron	57-2	128	150	111	130	15.05	cps
Krypton	83-1	307	310	397	338	15.11	cps
Lead	206-1	7969	7569	7992	7843	3.03	cps
Lead	207-1	6902	6635	6613	6717	2.39	cps
Lead	208-1	31082	30844	31233	31053	0.63	cps
Lithium	6-1	1085899	1071079	1064817	1073932	1.01	cps
Magnesium	24-2	14817	14600	15125	14847	1.78	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	133	110	112	17.90	cps
Molybdenum	94-1	39201	39709	39684	39531	0.72	cps
Molybdenum	95-1	68038	68809	67996	68281	0.67	cps
Molybdenum	96-1	72687	71523	71195	71801	1.09	cps
Molybdenum	97-1	42643	41231	42117	41997	1.70	cps
Molybdenum	98-1	111472	110405	108953	110277	1.15	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	537	570	477	528	8.96	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	5843	6168	5843	5952	3.15	cps
Rhodium	103-1	5883563	5766283	5801753	5817200	1.03	cps
Rhodium	103-2	1451284	1443892	1446885	1447354	0.26	cps
Scandium	45-1	3202005	3206758	3171993	3193585	0.59	cps
Scandium	45-2	20922	21260	20265	20816	2.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	108	78	8	65	79.12	cps
Silicon	28-1	34469852	34002299	33781081	34084410	1.03	cps
Silver	109-1	1275	1183	1608	1356	16.50	cps
Silver	107-1	1442	1592	1484	1506	5.14	cps
Sodium	23-2	6573006	6622222	6595557	6596928	0.37	cps
Strontium	86-1	34302	33434	33793	33843	1.29	cps
Strontium	88-1	292832	288457	290975	290755	0.76	cps
Sulfur	34-1	509661	504474	500558	504898	0.90	cps
Terbium	159-1	9239582	9236651	9175952	9217395	0.39	cps
Terbium	159-2	1734067	1734389	1709985	1726147	0.81	cps
Thallium	203-1	2359	1892	1617	1956	19.17	cps
Thallium	205-1	5010	4793	4193	4665	9.07	cps
Tin	118-1	4593	4726	4784	4701	2.09	cps
Titanium	47-1	442	458	492	464	5.49	cps
Uranium	238-1	235566	232586	233631	233927	0.65	cps
Vanadium	51-2	47	43	33	41	16.89	cps
Yttrium	89-1	6261155	6271188	6305129	6279157	0.37	cps
Yttrium	89-2	175531	172999	171579	173370	1.15	cps
Zinc	66-2	1597	1803	1580	1660	7.50	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-01	Instrumnet Name :	P8
Client Sample ID :	380919018.1-LEVINSON	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:34:39	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1659	1584	1597	3.47	cps
Zirconium	91-1	275	383	433	364	22.24	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5334-02 Instrumnet Name : P8
 Client Sample ID : 380919019.1-MUMFORC Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:38:02 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	55	85	50	63	29.89	cps
Antimony	121-1	5518	5693	5860	5690	3.00	cps
Arsenic	75-1	16911	17537	18396	17615	4.23	cps
Barium	135-1	174079	172046	170628	172251	1.01	cps
Barium	137-1	307452	301678	298933	302688	1.44	cps
Beryllium	9-1	239	217	250	235	7.22	cps
Bismuth	209-1	6640363	6593466	6563826	6599218	0.58	cps
Bismuth	209-2	1503964	1488420	1494785	1495723	0.52	cps
Boron	10-1	4501	4468	4426	4465	0.84	cps
Boron	11-1	20899	20866	21926	21230	2.84	cps
Cadmium	111-1	274	245	242	254	7.06	cps
Cadmium	106-1	1325	1200	1417	1314	8.28	cps
Cadmium	108-1	13	13	29	18	53.30	cps
Calcium	43-1	1526240	1504532	1511797	1514190	0.73	cps
Calcium	44-1	24259735	24124689	24005719	24130048	0.53	cps
Chromium	52-2	867	840	890	866	2.89	cps
Cobalt	59-2	247	287	220	251	13.36	cps
Copper	63-2	9183	9016	9116	9105	0.92	cps
Dysprosium	156-1	50	25	50	42	34.64	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	50	67	67	61	15.75	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	25	42	75	47	53.91	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	9228027	9130761	9117829	9158872	0.66	cps
Holmium	165-2	1820061	1785253	1807396	1804236	0.98	cps
Indium	115-1	6574259	6513704	6521954	6536639	0.50	cps
Indium	115-2	251267	248647	249911	249942	0.52	cps
Iron	56-2	34003	33391	33775	33723	0.92	cps
Iron	57-2	895	867	800	854	5.69	cps
Krypton	83-1	400	353	400	384	7.01	cps
Lead	206-1	42215	41340	40905	41487	1.61	cps
Lead	207-1	36403	36637	35333	36124	1.92	cps
Lead	208-1	167976	166948	164606	166510	1.04	cps
Lithium	6-1	1102465	1100738	1092112	1098438	0.50	cps
Magnesium	24-2	475668	475221	474454	475114	0.13	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-02	Instrumnet Name :	P8
Client Sample ID :	380919019.1-MUMFORC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:38:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10261	9964	9787	10004	2.39	cps
Molybdenum	94-1	6602	6577	6760	6646	1.50	cps
Molybdenum	95-1	10596	10588	11097	10760	2.71	cps
Molybdenum	96-1	11547	11422	11864	11611	1.96	cps
Molybdenum	97-1	6435	6952	6744	6710	3.88	cps
Molybdenum	98-1	18330	17245	17078	17551	3.87	cps
Neodymium	150-1	27	27	13	22	34.66	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	713	720	687	707	2.50	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	12156	11797	11197	11716	4.14	cps
Rhodium	103-1	5888109	5861928	5838763	5862933	0.42	cps
Rhodium	103-2	1460196	1445711	1453572	1453160	0.50	cps
Scandium	45-1	3240304	3237702	3186558	3221522	0.94	cps
Scandium	45-2	20659	20812	20635	20702	0.46	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-42	6	-23	-20	-121.75	cps
Silicon	28-1	43499432	43267470	43059059	43275320	0.51	cps
Silver	109-1	1258	1267	1450	1325	8.18	cps
Silver	107-1	1458	1408	1467	1445	2.18	cps
Sodium	23-2	1024390	1014908	1017580	1018959	0.48	cps
Strontium	86-1	5061544	5054072	5034671	5050096	0.27	cps
Strontium	88-1	43913143	43832867	43471291	43739100	0.54	cps
Sulfur	34-1	752600	744592	746226	747806	0.57	cps
Terbium	159-1	9353304	9336878	9279507	9323230	0.42	cps
Terbium	159-2	1741958	1734493	1729566	1735339	0.36	cps
Thallium	203-1	1175	1217	1225	1206	2.22	cps
Thallium	205-1	2867	2875	2867	2870	0.17	cps
Tin	118-1	7252	6569	6669	6830	5.41	cps
Titanium	47-1	425	608	425	486	21.77	cps
Uranium	238-1	327752	327094	322065	325637	0.96	cps
Vanadium	51-2	213	180	183	192	9.55	cps
Yttrium	89-1	6424266	6347751	6318205	6363407	0.86	cps
Yttrium	89-2	173634	170715	172592	172314	0.86	cps
Zinc	66-2	5765	5538	5258	5520	4.60	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-02	Instrumnet Name :	P8
Client Sample ID :	380919019.1-MUMFORC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:38:02	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1300	1450	1492	1414	7.13	cps
Zirconium	91-1	275	325	267	289	10.92	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-03	Instrumnet Name :	P8
Client Sample ID :	380919020.0-CONOVER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:41:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	55	48	47	18.81	cps
Antimony	121-1	3909	4393	4193	4165	5.83	cps
Arsenic	75-1	19206	20608	20716	20177	4.18	cps
Barium	135-1	510692	511122	504964	508926	0.68	cps
Barium	137-1	900399	897959	891639	896666	0.50	cps
Beryllium	9-1	217	178	250	215	16.83	cps
Bismuth	209-1	6811651	6709041	6709986	6743559	0.87	cps
Bismuth	209-2	1508012	1512282	1506564	1508952	0.20	cps
Boron	10-1	1817	1950	2100	1956	7.25	cps
Boron	11-1	8378	8128	8269	8258	1.52	cps
Cadmium	111-1	187	149	169	168	11.16	cps
Cadmium	106-1	1325	1200	1108	1211	8.98	cps
Cadmium	108-1	17	21	17	18	13.30	cps
Calcium	43-1	641249	632507	627874	633876	1.07	cps
Calcium	44-1	10457798	10377711	10284330	10373280	0.84	cps
Chromium	52-2	1223	1170	1310	1235	5.72	cps
Cobalt	59-2	53	40	43	46	15.23	cps
Copper	63-2	11135	11101	10718	10984	2.11	cps
Dysprosium	156-1	0	42	33	25	88.19	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	17	33	25	25	33.32	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	9154861	9131336	9023661	9103286	0.77	cps
Holmium	165-2	1801815	1820947	1786002	1802921	0.97	cps
Indium	115-1	6629606	6516632	6454496	6533578	1.36	cps
Indium	115-2	249975	249825	249638	249813	0.07	cps
Iron	56-2	7186	6496	6391	6691	6.45	cps
Iron	57-2	200	178	156	178	12.50	cps
Krypton	83-1	303	353	387	348	12.06	cps
Lead	206-1	2489	2228	2250	2323	6.23	cps
Lead	207-1	1761	2056	1889	1902	7.76	cps
Lead	208-1	9035	8863	8618	8839	2.37	cps
Lithium	6-1	1115456	1111858	1101625	1109646	0.65	cps
Magnesium	24-2	404756	400627	401117	402167	0.56	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-03	Instrumnet Name :	P8
Client Sample ID :	380919020.0-CONOVER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:41:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217	227	227	223	2.59	cps
Molybdenum	94-1	8370	7586	7636	7864	5.58	cps
Molybdenum	95-1	13641	13090	13799	13510	2.76	cps
Molybdenum	96-1	14408	14709	14283	14467	1.51	cps
Molybdenum	97-1	8703	7894	8720	8439	5.59	cps
Molybdenum	98-1	22102	21868	22052	22007	0.56	cps
Neodymium	150-1	20	53	20	31	61.87	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	523	523	517	521	0.74	cps
Phosphorus	31-2	8	0	50	19	137.78	cps
Potassium	39-2	11255	11547	11213	11338	1.60	cps
Rhodium	103-1	5949596	5933901	5826354	5903284	1.14	cps
Rhodium	103-2	1462847	1453132	1456687	1457556	0.34	cps
Scandium	45-1	3257792	3199404	3203979	3220392	1.01	cps
Scandium	45-2	20362	20552	20332	20415	0.59	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	81	59	16	52	63.70	cps
Silicon	28-1	34313185	34078791	33652536	34014838	0.98	cps
Silver	109-1	1058	1167	1100	1108	4.93	cps
Silver	107-1	1083	1217	1192	1164	6.09	cps
Sodium	23-2	474076	470095	468754	470975	0.59	cps
Strontium	86-1	809888	804945	792984	802606	1.08	cps
Strontium	88-1	7090936	7088243	7012922	7064034	0.63	cps
Sulfur	34-1	415644	414316	415400	415120	0.17	cps
Terbium	159-1	9401517	9406445	9231626	9346529	1.06	cps
Terbium	159-2	1719476	1706753	1725018	1717082	0.55	cps
Thallium	203-1	958	825	875	886	7.60	cps
Thallium	205-1	1775	2184	2192	2050	11.62	cps
Tin	118-1	7953	8436	7428	7939	6.36	cps
Titanium	47-1	400	458	367	408	11.36	cps
Uranium	238-1	255445	254318	250416	253393	1.04	cps
Vanadium	51-2	990	903	967	953	4.70	cps
Yttrium	89-1	6394311	6448561	6292159	6378344	1.25	cps
Yttrium	89-2	172042	171346	169814	171067	0.67	cps
Zinc	66-2	1733	1660	1643	1679	2.85	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-03	Instrumnet Name :	P8
Client Sample ID :	380919020.0-CONOVER	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:41:44	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1025	1042	850	972	10.92	cps
Zirconium	91-1	250	242	225	239	5.33	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	45	45	41	17.67	cps
Antimony	121-1	5301	5510	5176	5329	3.16	cps
Arsenic	75-1	28547	28639	30660	29282	4.08	cps
Barium	135-1	350	425	358	378	10.88	cps
Barium	137-1	533	617	667	606	11.12	cps
Beryllium	9-1	178	144	172	165	10.83	cps
Bismuth	209-1	6547700	6550125	6634218	6577348	0.75	cps
Bismuth	209-2	1514289	1501515	1497434	1504413	0.58	cps
Boron	10-1	1775	1742	1875	1797	3.86	cps
Boron	11-1	9220	9587	8645	9151	5.19	cps
Cadmium	111-1	239	195	248	227	12.54	cps
Cadmium	106-1	1308	1200	1150	1220	6.64	cps
Cadmium	108-1	33	21	17	24	36.73	cps
Calcium	43-1	8119	7777	8419	8105	3.96	cps
Calcium	44-1	153169	153740	153480	153463	0.19	cps
Chromium	52-2	760	663	647	690	8.87	cps
Cobalt	59-2	53	47	67	56	18.33	cps
Copper	63-2	166182	164082	164456	164907	0.68	cps
Dysprosium	156-1	17	33	8	19	65.47	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	8	42	42	80.01	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	58	100	67	75	29.40	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	8898603	9056827	9214282	9056571	1.74	cps
Holmium	165-2	1827470	1816944	1791559	1811991	1.02	cps
Indium	115-1	6421154	6437351	6464791	6441099	0.34	cps
Indium	115-2	251634	248793	249010	249813	0.63	cps
Iron	56-2	3751	3317	3323	3464	7.18	cps
Iron	57-2	78	83	94	85	9.96	cps
Krypton	83-1	323	380	340	348	8.37	cps
Lead	206-1	13241	12924	12245	12803	3.97	cps
Lead	207-1	10443	11122	10738	10768	3.16	cps
Lead	208-1	50663	50690	49662	50339	1.16	cps
Lithium	6-1	1060067	1081107	1108075	1083083	2.22	cps
Magnesium	24-2	1750	1634	1692	1692	3.45	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327	380	373	360	8.07	cps
Molybdenum	94-1	1175	1475	1500	1383	13.07	cps
Molybdenum	95-1	1992	1692	1842	1842	8.14	cps
Molybdenum	96-1	2075	1934	1934	1981	4.13	cps
Molybdenum	97-1	1258	1075	1100	1145	8.69	cps
Molybdenum	98-1	2817	2709	2717	2748	2.20	cps
Neodymium	150-1	20	7	0	9	114.55	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	747	820	800	789	4.81	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	5668	5176	5151	5332	5.47	cps
Rhodium	103-1	5773051	5784685	5849415	5802384	0.71	cps
Rhodium	103-2	1468643	1452919	1444851	1455471	0.83	cps
Scandium	45-1	3178153	3195599	3174230	3182661	0.36	cps
Scandium	45-2	20652	20615	20502	20590	0.38	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	6	1	-3	2	289.16	cps
Silicon	28-1	79918725	79569121	79212877	79566907	0.44	cps
Silver	109-1	1167	1100	1158	1142	3.18	cps
Silver	107-1	1108	1208	1175	1164	4.37	cps
Sodium	23-2	6718906	6624297	6705977	6683060	0.77	cps
Strontium	86-1	7811	8395	7469	7892	5.93	cps
Strontium	88-1	64042	64362	62778	63727	1.31	cps
Sulfur	34-1	541875	543855	538315	541348	0.52	cps
Terbium	159-1	9190735	9274751	9301354	9255613	0.62	cps
Terbium	159-2	1755702	1739448	1714709	1736620	1.19	cps
Thallium	203-1	592	683	767	681	12.86	cps
Thallium	205-1	1659	1667	1742	1689	2.72	cps
Tin	118-1	3851	4067	3676	3865	5.08	cps
Titanium	47-1	675	692	800	722	9.40	cps
Uranium	238-1	292	275	300	289	4.41	cps
Vanadium	51-2	57	100	97	84	28.55	cps
Yttrium	89-1	6272404	6262322	6399892	6311539	1.21	cps
Yttrium	89-2	174525	172976	171755	173086	0.80	cps
Zinc	66-2	7185	7289	7089	7188	1.39	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5334-04	Instrumnet Name :	P8
Client Sample ID :	380919021.0-HANNA	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:45:07	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	983	1117	867	989	12.65	cps
Zirconium	91-1	292	233	183	236	22.97	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5335-01 Instrumnet Name : P8
 Client Sample ID : 380919039.1-HOLOHAN Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:48:30 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	68	63	73	68	7.41	cps
Antimony	121-1	4009	4001	4293	4101	4.05	cps
Arsenic	75-1	25992	26877	26393	26421	1.68	cps
Barium	135-1	683510	675874	676332	678572	0.63	cps
Barium	137-1	1211627	1201693	1185661	1199660	1.09	cps
Beryllium	9-1	167	183	156	169	8.30	cps
Bismuth	209-1	6697882	6669723	6615340	6660982	0.63	cps
Bismuth	209-2	1504884	1503436	1498144	1502155	0.24	cps
Boron	10-1	1400	1392	1292	1361	4.43	cps
Boron	11-1	6952	6802	7185	6980	2.77	cps
Cadmium	111-1	203	209	141	184	20.55	cps
Cadmium	106-1	1200	1425	1158	1261	11.38	cps
Cadmium	108-1	17	4	13	11	57.27	cps
Calcium	43-1	700396	699749	689636	696594	0.87	cps
Calcium	44-1	11470547	11388283	11269715	11376181	0.89	cps
Chromium	52-2	950	1057	883	963	9.08	cps
Cobalt	59-2	57	70	50	59	17.29	cps
Copper	63-2	61294	61385	61408	61363	0.10	cps
Dysprosium	156-1	25	25	25	25	0.00	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	42	58	75	58	28.57	cps
Erbium	164-2	17	10	20	16	32.73	cps
Gadolinium	160-1	58	25	50	44	39.04	cps
Gadolinium	160-2	10	10	3	8	49.52	cps
Holmium	165-1	9179697	9160429	9125996	9155374	0.30	cps
Holmium	165-2	1787612	1804269	1766573	1786151	1.06	cps
Indium	115-1	6547404	6472740	6482734	6500959	0.62	cps
Indium	115-2	251165	248221	246157	248514	1.01	cps
Iron	56-2	5368	5418	5518	5435	1.41	cps
Iron	57-2	144	117	83	115	26.65	cps
Krypton	83-1	367	430	367	388	9.43	cps
Lead	206-1	157711	158178	156260	157383	0.64	cps
Lead	207-1	133246	132653	130205	132035	1.22	cps
Lead	208-1	617744	619209	612779	616577	0.55	cps
Lithium	6-1	1118495	1101472	1095627	1105198	1.07	cps
Magnesium	24-2	434560	427677	425634	429290	1.09	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-01	Instrumnet Name :	P8
Client Sample ID :	380919039.1-HOLOHAN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:48:30	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	107	103	97	15.03	cps
Molybdenum	94-1	1517	1684	1642	1614	5.37	cps
Molybdenum	95-1	2334	2092	2034	2153	7.39	cps
Molybdenum	96-1	2417	2334	2392	2381	1.80	cps
Molybdenum	97-1	1517	1433	1508	1486	3.09	cps
Molybdenum	98-1	3367	3326	3217	3303	2.34	cps
Neodymium	150-1	27	47	13	29	58.08	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	607	587	667	620	6.71	cps
Phosphorus	31-2	0	33	58	31	95.79	cps
Potassium	39-2	12131	11689	11163	11661	4.15	cps
Rhodium	103-1	5913753	5910550	5850376	5891560	0.61	cps
Rhodium	103-2	1459670	1438982	1432037	1443563	1.00	cps
Scandium	45-1	3252624	3224908	3196777	3224770	0.87	cps
Scandium	45-2	20398	20175	19444	20006	2.50	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	54	-29	-7	6	714.05	cps
Silicon	28-1	38733158	38364945	38207811	38435305	0.70	cps
Silver	109-1	1092	933	1050	1025	8.01	cps
Silver	107-1	1175	1175	1158	1170	0.82	cps
Sodium	23-2	506607	501733	495287	501209	1.13	cps
Strontium	86-1	817976	819827	809572	815791	0.67	cps
Strontium	88-1	7258957	7138802	7123898	7173885	1.03	cps
Sulfur	34-1	382882	377219	379255	379786	0.76	cps
Terbium	159-1	9408034	9266667	9348204	9340968	0.76	cps
Terbium	159-2	1743164	1716527	1717264	1725652	0.88	cps
Thallium	203-1	692	667	575	644	9.53	cps
Thallium	205-1	1592	1600	1509	1567	3.24	cps
Tin	118-1	20508	21176	20283	20656	2.25	cps
Titanium	47-1	392	525	500	472	15.01	cps
Uranium	238-1	150948	149345	150203	150166	0.53	cps
Vanadium	51-2	797	890	847	844	5.53	cps
Yttrium	89-1	6374186	6369976	6368528	6370897	0.05	cps
Yttrium	89-2	171569	170189	169105	170287	0.73	cps
Zinc	66-2	2914	2910	2944	2923	0.63	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-01	Instrumnet Name :	P8
Client Sample ID :	380919039.1-HOLOHAN	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:48:30	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	650	800	783	745	11.04	cps
Zirconium	91-1	192	225	167	194	15.05	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-02	Instrumnet Name :	P8
Client Sample ID :	380919044.1-NICHOLSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:51:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28	20	70	39	68.84	cps
Antimony	121-1	4201	3509	3776	3829	9.12	cps
Arsenic	75-1	22811	23955	24164	23643	3.08	cps
Barium	135-1	1336598	1316126	1320418	1324380	0.82	cps
Barium	137-1	2419762	2387442	2377547	2394917	0.92	cps
Beryllium	9-1	139	94	156	130	24.37	cps
Bismuth	209-1	6791094	6660780	6632061	6694645	1.27	cps
Bismuth	209-2	1501454	1500881	1493808	1498714	0.28	cps
Boron	10-1	1675	1408	1483	1522	9.04	cps
Boron	11-1	7752	7686	8244	7894	3.87	cps
Cadmium	111-1	185	150	118	151	22.12	cps
Cadmium	106-1	1308	1125	1100	1178	9.66	cps
Cadmium	108-1	4	13	29	15	83.31	cps
Calcium	43-1	1202092	1170871	1160444	1177802	1.84	cps
Calcium	44-1	19366581	19119447	18955116	19147048	1.08	cps
Chromium	52-2	523	493	507	508	2.96	cps
Cobalt	59-2	40	37	37	38	5.09	cps
Copper	63-2	42164	42502	41388	42018	1.36	cps
Dysprosium	156-1	25	50	0	25	100.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	25	75	67	56	48.22	cps
Erbium	164-2	7	0	7	4	86.60	cps
Gadolinium	160-1	50	50	67	56	17.32	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	9113648	9102828	9069890	9095455	0.25	cps
Holmium	165-2	1789810	1777220	1768929	1778653	0.59	cps
Indium	115-1	6424191	6384891	6389907	6399663	0.33	cps
Indium	115-2	242162	241286	242503	241984	0.26	cps
Iron	56-2	2067	2323	2150	2180	5.98	cps
Iron	57-2	44	61	100	69	41.60	cps
Krypton	83-1	277	367	360	334	15.00	cps
Lead	206-1	13174	13652	12979	13268	2.61	cps
Lead	207-1	10749	11200	10766	10905	2.34	cps
Lead	208-1	52016	51753	51248	51672	0.76	cps
Lithium	6-1	1090775	1097152	1100287	1096071	0.44	cps
Magnesium	24-2	180725	185620	183672	183339	1.34	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-02	Instrumnet Name :	P8
Client Sample ID :	380919044.1-NICHOLSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:51:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83	100	110	98	13.78	cps
Molybdenum	94-1	3909	3426	3534	3623	7.00	cps
Molybdenum	95-1	5751	5660	6052	5821	3.52	cps
Molybdenum	96-1	6302	6402	5902	6202	4.27	cps
Molybdenum	97-1	3776	3642	3484	3634	4.02	cps
Molybdenum	98-1	9454	9078	9287	9273	2.03	cps
Neodymium	150-1	60	40	40	47	24.74	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	757	850	920	842	9.73	cps
Phosphorus	31-2	8	67	25	33	90.15	cps
Potassium	39-2	14675	14733	15576	14995	3.36	cps
Rhodium	103-1	5832336	5835880	5760993	5809736	0.73	cps
Rhodium	103-2	1430058	1432211	1417996	1426755	0.54	cps
Scandium	45-1	3171247	3133126	3149293	3151222	0.61	cps
Scandium	45-2	19854	19861	19430	19715	1.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	122	37	12	57	101.69	cps
Silicon	28-1	53680914	52645397	52306210	52877507	1.35	cps
Silver	109-1	833	1042	1000	958	11.50	cps
Silver	107-1	1042	1067	1117	1075	3.55	cps
Sodium	23-2	933761	933458	927174	931464	0.40	cps
Strontium	86-1	251677	247080	247910	248889	0.98	cps
Strontium	88-1	2262482	2219451	2211553	2231162	1.23	cps
Sulfur	34-1	330904	330015	330742	330554	0.14	cps
Terbium	159-1	9301504	9223800	9173815	9233040	0.70	cps
Terbium	159-2	1730432	1736564	1698744	1721913	1.18	cps
Thallium	203-1	550	625	575	583	6.55	cps
Thallium	205-1	1325	1575	1600	1500	10.14	cps
Tin	118-1	478460	482723	476025	479069	0.71	cps
Titanium	47-1	583	533	542	553	4.85	cps
Uranium	238-1	75	175	92	114	47.04	cps
Vanadium	51-2	40	20	23	28	38.58	cps
Yttrium	89-1	6341578	6296777	6225182	6287846	0.93	cps
Yttrium	89-2	168001	164755	165408	166055	1.03	cps
Zinc	66-2	3677	3461	3644	3594	3.25	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-02	Instrumnet Name :	P8
Client Sample ID :	380919044.1-NICHOLSC	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:51:53	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	625	708	675	6.53	cps
Zirconium	91-1	208	150	133	164	24.03	cps

LB Number : LB98495 Operator : Jaswal
 Lab Sample ID : J5335-03 Instrumnet Name : P8
 Client Sample ID : 380919045.1-SPOTNITZ Dilution Factor : 1
 Date & Time Acquired :: 2018-10-09 17:55:15 DataFile Name : 058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	40	43	43	8.81	cps
Antimony	121-1	3201	3367	3442	3337	3.71	cps
Arsenic	75-1	23062	23663	24506	23744	3.06	cps
Barium	135-1	285188	284062	284717	284656	0.20	cps
Barium	137-1	502991	498621	500110	500574	0.44	cps
Beryllium	9-1	389	261	261	304	24.29	cps
Bismuth	209-1	6633145	6551582	6500336	6561688	1.02	cps
Bismuth	209-2	1486301	1475765	1464432	1475499	0.74	cps
Boron	10-1	5435	5893	5134	5487	6.96	cps
Boron	11-1	26759	26100	25883	26247	1.74	cps
Cadmium	111-1	167	130	167	155	13.95	cps
Cadmium	106-1	1175	1133	1425	1245	12.68	cps
Cadmium	108-1	29	4	8	14	96.44	cps
Calcium	43-1	1107382	1096957	1095426	1099921	0.59	cps
Calcium	44-1	18082297	17835941	17750543	17889593	0.96	cps
Chromium	52-2	497	400	487	461	11.53	cps
Cobalt	59-2	20	47	17	28	59.19	cps
Copper	63-2	27885	27284	27344	27504	1.20	cps
Dysprosium	156-1	42	58	33	44	28.65	cps
Dysprosium	156-2	20	13	10	14	35.26	cps
Erbium	164-1	125	92	67	94	30.99	cps
Erbium	164-2	20	20	20	20	0.00	cps
Gadolinium	160-1	150	125	42	106	53.74	cps
Gadolinium	160-2	10	20	30	20	50.00	cps
Holmium	165-1	9098181	8971075	8965562	9011606	0.83	cps
Holmium	165-2	1772475	1767057	1746010	1761847	0.79	cps
Indium	115-1	6363956	6342920	6253187	6320021	0.93	cps
Indium	115-2	245067	239607	238184	240953	1.51	cps
Iron	56-2	179574	178482	176867	178308	0.76	cps
Iron	57-2	4590	4790	4462	4614	3.58	cps
Krypton	83-1	420	347	357	374	10.62	cps
Lead	206-1	2684	2711	2589	2661	2.41	cps
Lead	207-1	2278	2272	2378	2310	2.57	cps
Lead	208-1	10635	10602	10658	10632	0.26	cps
Lithium	6-1	1103510	1084497	1088835	1092281	0.91	cps
Magnesium	24-2	454540	451008	449133	451560	0.61	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-03	Instrumnet Name :	P8
Client Sample ID :	380919045.1-SPOTNITZ	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:55:15	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5591	5705	5555	5617	1.39	cps
Molybdenum	94-1	3851	4109	3767	3909	4.56	cps
Molybdenum	95-1	4801	4601	4701	4701	2.13	cps
Molybdenum	96-1	5460	5160	5485	5368	3.37	cps
Molybdenum	97-1	3025	2767	3050	2948	5.32	cps
Molybdenum	98-1	7319	7561	7577	7486	1.93	cps
Neodymium	150-1	40	47	20	36	39.03	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	893	930	957	927	3.43	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	9512	8920	8903	9112	3.81	cps
Rhodium	103-1	5784199	5725957	5665462	5725206	1.04	cps
Rhodium	103-2	1417471	1402870	1399054	1406465	0.69	cps
Scandium	45-1	3145667	3075568	3023610	3081615	1.99	cps
Scandium	45-2	19427	19604	19434	19488	0.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	-116	-26	-12	-51	-110.10	cps
Silicon	28-1	40151434	39609719	39450774	39737309	0.92	cps
Silver	109-1	883	808	867	853	4.62	cps
Silver	107-1	983	1050	1008	1014	3.32	cps
Sodium	23-2	972083	958314	952025	960807	1.07	cps
Strontium	86-1	8380723	8414221	8309338	8368094	0.64	cps
Strontium	88-1	73559264	73250837	72333491	73047864	0.87	cps
Sulfur	34-1	612323	601870	604517	606237	0.90	cps
Terbium	159-1	9292336	9106889	9152881	9184035	1.05	cps
Terbium	159-2	1742386	1688696	1680459	1703847	1.97	cps
Thallium	203-1	442	550	650	547	19.04	cps
Thallium	205-1	1167	1108	1333	1203	9.71	cps
Tin	118-1	2242	2234	2109	2195	3.40	cps
Titanium	47-1	542	333	417	431	24.35	cps
Uranium	238-1	112480	109326	109856	110554	1.53	cps
Vanadium	51-2	30	50	30	37	31.49	cps
Yttrium	89-1	6254184	6272394	6137108	6221229	1.18	cps
Yttrium	89-2	165421	164172	163403	164332	0.62	cps
Zinc	66-2	863	903	907	891	2.71	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-03	Instrumnet Name :	P8
Client Sample ID :	380919045.1-SPOTNITZ	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:55:15	DataFile Name :	058SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3601	3175	2967	3248	9.94	cps
Zirconium	91-1	733	692	533	653	16.17	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	48	40	42	12.49	cps
Antimony	121-1	3192	3534	3459	3395	5.29	cps
Arsenic	75-1	23738	23713	24523	23991	1.92	cps
Barium	135-1	650	692	717	686	4.91	cps
Barium	137-1	1275	1392	1050	1239	14.02	cps
Beryllium	9-1	128	106	139	124	13.68	cps
Bismuth	209-1	6589968	6572431	6507530	6556643	0.66	cps
Bismuth	209-2	1470780	1476264	1460531	1469191	0.54	cps
Boron	10-1	34150	36030	35720	35300	2.86	cps
Boron	11-1	168445	172364	173757	171522	1.61	cps
Cadmium	111-1	227	193	217	212	8.33	cps
Cadmium	106-1	1142	1050	1258	1150	9.08	cps
Cadmium	108-1	4	0	13	6	114.53	cps
Calcium	43-1	1307780	1287542	1280845	1292055	1.09	cps
Calcium	44-1	21138277	20824136	20738423	20900279	1.01	cps
Chromium	52-2	710	770	677	719	6.58	cps
Cobalt	59-2	97	110	83	97	13.79	cps
Copper	63-2	24024	24084	24024	24044	0.14	cps
Dysprosium	156-1	67	75	58	67	12.49	cps
Dysprosium	156-2	30	13	7	17	72.11	cps
Erbium	164-1	158	217	233	203	19.42	cps
Erbium	164-2	50	50	17	39	49.48	cps
Gadolinium	160-1	108	167	117	131	24.17	cps
Gadolinium	160-2	47	20	23	30	48.44	cps
Holmium	165-1	8925800	8981982	8799063	8902282	1.05	cps
Holmium	165-2	1735573	1740681	1724736	1733663	0.47	cps
Indium	115-1	6318588	6197845	6192407	6236280	1.14	cps
Indium	115-2	236984	235445	231393	234607	1.23	cps
Iron	56-2	5868	5746	5707	5774	1.46	cps
Iron	57-2	133	144	172	150	13.35	cps
Krypton	83-1	333	343	323	333	3.00	cps
Lead	206-1	8031	7997	7886	7971	0.95	cps
Lead	207-1	6897	6819	6986	6900	1.21	cps
Lead	208-1	31856	31644	31394	31631	0.73	cps
Lithium	6-1	1086139	1097223	1076258	1086540	0.97	cps
Magnesium	24-2	367924	366731	365906	366854	0.28	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	93	87	87	7.70	cps
Molybdenum	94-1	358	417	433	403	9.78	cps
Molybdenum	95-1	417	433	275	375	23.20	cps
Molybdenum	96-1	400	475	442	439	8.56	cps
Molybdenum	97-1	375	275	242	297	23.35	cps
Molybdenum	98-1	567	583	642	597	6.59	cps
Neodymium	150-1	80	47	67	64	26.03	cps
Neodymium	150-2	7	23	7	12	78.69	cps
Nickel	60-2	390	380	403	391	2.99	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	12039	11780	11872	11897	1.10	cps
Rhodium	103-1	5694930	5600762	5532033	5609242	1.46	cps
Rhodium	103-2	1383618	1378235	1361373	1374409	0.84	cps
Scandium	45-1	3037438	3025796	2989209	3017481	0.83	cps
Scandium	45-2	18522	18719	18846	18696	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-42	-16	-15	-24	-63.22	cps
Silicon	28-1	56608878	55786655	55177043	55857526	1.29	cps
Silver	109-1	750	825	933	836	11.02	cps
Silver	107-1	867	1067	1025	986	10.70	cps
Sodium	23-2	371711	365753	368105	368523	0.81	cps
Strontium	86-1	294191	293652	292478	293441	0.30	cps
Strontium	88-1	2646719	2630113	2602747	2626527	0.85	cps
Sulfur	34-1	350065	345710	342675	346150	1.07	cps
Terbium	159-1	9139483	9025095	8934293	9032957	1.14	cps
Terbium	159-2	1665093	1699735	1661074	1675301	1.27	cps
Thallium	203-1	417	567	508	497	15.21	cps
Thallium	205-1	1108	1233	1250	1197	6.47	cps
Tin	118-1	2367	2559	2692	2539	6.43	cps
Titanium	47-1	525	650	533	569	12.27	cps
Uranium	238-1	2800	3151	3142	3031	6.59	cps
Vanadium	51-2	2830	2860	2654	2781	4.02	cps
Yttrium	89-1	6093319	6028442	6029288	6050350	0.62	cps
Yttrium	89-2	159725	159802	156187	158571	1.30	cps
Zinc	66-2	2744	2687	2584	2671	3.04	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-04	Instrumnet Name :	P8
Client Sample ID :	380919046.1-WALSH	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 17:58:37	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	633	542	633	14.47	cps
Zirconium	91-1	175	200	117	164	26.09	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	63	63	58	15.07	cps
Antimony	121-1	5927	5843	5785	5852	1.22	cps
Arsenic	75-1	27712	29299	29533	28848	3.43	cps
Barium	135-1	342	408	392	381	9.12	cps
Barium	137-1	742	858	825	808	7.43	cps
Beryllium	9-1	122	100	94	106	13.93	cps
Bismuth	209-1	6565808	6412232	6392258	6456766	1.47	cps
Bismuth	209-2	1452330	1446207	1452425	1450320	0.25	cps
Boron	10-1	2992	2367	2509	2623	12.50	cps
Boron	11-1	13423	12264	11689	12459	7.09	cps
Cadmium	111-1	139	149	177	155	12.81	cps
Cadmium	106-1	1142	1117	1108	1122	1.55	cps
Cadmium	108-1	4	21	8	11	78.05	cps
Calcium	43-1	1475	1258	1383	1372	7.93	cps
Calcium	44-1	33984	34427	33332	33914	1.62	cps
Chromium	52-2	1220	1270	1267	1252	2.23	cps
Cobalt	59-2	80	67	63	70	12.60	cps
Copper	63-2	290873	289433	289656	289988	0.27	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	7	3	10	7	50.03	cps
Erbium	164-1	67	50	42	53	24.12	cps
Erbium	164-2	10	10	7	9	21.63	cps
Gadolinium	160-1	58	100	58	72	33.31	cps
Gadolinium	160-2	7	27	17	17	59.99	cps
Holmium	165-1	8806937	8729363	8759680	8765327	0.45	cps
Holmium	165-2	1744975	1725849	1706561	1725795	1.11	cps
Indium	115-1	6154682	6160351	6090320	6135118	0.63	cps
Indium	115-2	230489	232493	229508	230830	0.66	cps
Iron	56-2	10449	11461	10526	10812	5.21	cps
Iron	57-2	300	222	294	272	15.94	cps
Krypton	83-1	317	353	253	308	16.44	cps
Lead	206-1	176228	175529	172382	174713	1.17	cps
Lead	207-1	152651	150981	148968	150867	1.22	cps
Lead	208-1	705115	700595	691565	699092	0.99	cps
Lithium	6-1	1081052	1062814	1050106	1064657	1.46	cps
Magnesium	24-2	467	492	508	489	4.29	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	80	87	77	15.68	cps
Molybdenum	94-1	2792	2617	2375	2595	8.07	cps
Molybdenum	95-1	4593	4184	4259	4345	5.00	cps
Molybdenum	96-1	4643	4501	4418	4520	2.52	cps
Molybdenum	97-1	2750	2867	2609	2742	4.72	cps
Molybdenum	98-1	6960	7219	6719	6966	3.59	cps
Neodymium	150-1	47	53	33	44	22.92	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	707	687	580	658	10.35	cps
Phosphorus	31-2	17	42	17	25	57.73	cps
Potassium	39-2	2159	1984	2167	2103	4.92	cps
Rhodium	103-1	5661794	5516256	5509344	5562465	1.55	cps
Rhodium	103-2	1367708	1372434	1368036	1369393	0.19	cps
Scandium	45-1	2999055	2945216	2965315	2969862	0.92	cps
Scandium	45-2	18973	19023	18192	18729	2.49	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	61	5	123	63	94.09	cps
Silicon	28-1	42463036	41916656	41583479	41987724	1.06	cps
Silver	109-1	4759	4067	4017	4281	9.69	cps
Silver	107-1	4459	4668	4776	4634	3.47	cps
Sodium	23-2	3526904	3571752	3526068	3541575	0.74	cps
Strontium	86-1	1075	933	1058	1022	7.58	cps
Strontium	88-1	4809	4668	4418	4632	4.28	cps
Sulfur	34-1	369667	366694	365804	367388	0.55	cps
Terbium	159-1	9097249	8926102	8807495	8943615	1.63	cps
Terbium	159-2	1653299	1640601	1633120	1642340	0.62	cps
Thallium	203-1	417	392	408	406	3.14	cps
Thallium	205-1	883	958	925	922	4.08	cps
Tin	118-1	1491984	1484138	1462450	1479524	1.03	cps
Titanium	47-1	442	408	517	456	12.18	cps
Uranium	238-1	6427	6210	5326	5988	9.74	cps
Vanadium	51-2	493	493	530	506	4.19	cps
Yttrium	89-1	5999373	5928245	5901178	5942932	0.85	cps
Yttrium	89-2	159607	158001	158102	158570	0.57	cps
Zinc	66-2	6905	7212	7199	7105	2.44	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5335-05	Instrumnet Name :	P8
Client Sample ID :	380919047.1	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:01:59	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	642	667	575	628	7.55	cps
Zirconium	91-1	125	175	133	144	18.54	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48	43	48	46	6.30	cps
Antimony	121-1	3192	3125	3442	3253	5.13	cps
Arsenic	75-1	22911	22636	22720	22756	0.62	cps
Barium	135-1	1037606	1023341	1026648	1029198	0.73	cps
Barium	137-1	1851080	1865467	1849043	1855197	0.48	cps
Beryllium	9-1	100	128	139	122	16.39	cps
Bismuth	209-1	6400910	6433279	6365953	6400047	0.53	cps
Bismuth	209-2	1372955	1450067	1445944	1422989	3.05	cps
Boron	10-1	7627	7711	7994	7777	2.47	cps
Boron	11-1	37617	39380	38578	38525	2.29	cps
Cadmium	111-1	338	314	342	332	4.61	cps
Cadmium	106-1	1258	1267	1342	1289	3.56	cps
Cadmium	108-1	25	21	17	21	19.99	cps
Calcium	43-1	2529765	2497260	2486924	2504650	0.89	cps
Calcium	44-1	40787741	40322921	40019529	40376730	0.96	cps
Chromium	52-2	713	660	630	668	6.32	cps
Cobalt	59-2	223	217	283	241	15.23	cps
Copper	63-2	21547	21444	20602	21197	2.44	cps
Dysprosium	156-1	125	92	125	114	16.90	cps
Dysprosium	156-2	50	30	27	36	35.49	cps
Erbium	164-1	225	283	433	314	34.24	cps
Erbium	164-2	53	77	50	60	24.22	cps
Gadolinium	160-1	225	150	208	194	20.25	cps
Gadolinium	160-2	67	30	70	56	39.95	cps
Holmium	165-1	9038403	8812603	8819643	8890216	1.44	cps
Holmium	165-2	1657789	1750835	1756468	1721697	3.22	cps
Indium	115-1	6319509	6172780	6170917	6221069	1.37	cps
Indium	115-2	226277	236809	238044	233710	2.77	cps
Iron	56-2	5685	5718	5585	5662	1.23	cps
Iron	57-2	144	217	200	187	20.22	cps
Krypton	83-1	303	340	327	323	5.74	cps
Lead	206-1	6980	6986	7013	6993	0.26	cps
Lead	207-1	6352	5879	5990	6074	4.07	cps
Lead	208-1	27996	27006	27401	27468	1.81	cps
Lithium	6-1	1073371	1062056	1063369	1066265	0.58	cps
Magnesium	24-2	720475	713384	711259	715039	0.67	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1120	1160	1057	1112	4.68	cps
Molybdenum	94-1	575	567	617	586	4.57	cps
Molybdenum	95-1	317	225	192	244	26.48	cps
Molybdenum	96-1	408	533	400	447	16.70	cps
Molybdenum	97-1	258	317	225	267	17.40	cps
Molybdenum	98-1	492	467	517	492	5.09	cps
Neodymium	150-1	120	53	93	89	37.75	cps
Neodymium	150-2	10	7	13	10	33.30	cps
Nickel	60-2	923	960	870	918	4.93	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	24364	23521	23579	23821	1.98	cps
Rhodium	103-1	5628670	5454253	5517878	5533600	1.60	cps
Rhodium	103-2	1298300	1373040	1374031	1348457	3.22	cps
Scandium	45-1	3056876	3036447	3015747	3036357	0.68	cps
Scandium	45-2	17958	19420	18940	18773	3.97	cps
Selenium	77-2	3	7	0	3	100.05	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	50	25	20	32	49.53	cps
Silicon	28-1	26133912	25996600	25785865	25972125	0.67	cps
Silver	109-1	758	883	783	808	8.18	cps
Silver	107-1	842	908	942	897	5.68	cps
Sodium	23-2	2363101	2347395	2342498	2350998	0.46	cps
Strontium	86-1	450458	440233	440266	443652	1.33	cps
Strontium	88-1	3965219	3944069	3911738	3940342	0.68	cps
Sulfur	34-1	484492	483338	480745	482858	0.40	cps
Terbium	159-1	9034370	9070657	9032202	9045743	0.24	cps
Terbium	159-2	1595770	1690098	1682617	1656162	3.17	cps
Thallium	203-1	492	617	533	547	11.63	cps
Thallium	205-1	1050	1125	1408	1195	15.82	cps
Tin	118-1	3117	2709	2750	2859	7.86	cps
Titanium	47-1	392	350	417	386	8.72	cps
Uranium	238-1	27565	27615	27014	27398	1.22	cps
Vanadium	51-2	193	180	210	194	7.73	cps
Yttrium	89-1	6096800	6098005	6052913	6082573	0.42	cps
Yttrium	89-2	154049	161947	161589	159195	2.80	cps
Zinc	66-2	16353	16240	16453	16349	0.65	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	J5336-01	Instrumnet Name :	P8
Client Sample ID :	380926086.0-MENZEL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:05:21	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	850	1342	1183	1125	22.31	cps
Zirconium	91-1	267	250	342	286	17.07	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	265816	267567	265267	266216	0.45	cps
Antimony	121-1	5072909	5034739	5086693	5064780	0.53	cps
Arsenic	75-1	1164270	1154433	1153276	1157326	0.52	cps
Barium	135-1	5593470	5512752	5543615	5549946	0.73	cps
Barium	137-1	9769941	9673576	9676275	9706598	0.57	cps
Beryllium	9-1	561500	554458	555752	557237	0.67	cps
Bismuth	209-1	5659767	5651022	5697033	5669274	0.43	cps
Bismuth	209-2	1300515	1307610	1294899	1301008	0.49	cps
Boron	10-1	65250	65751	66631	65877	1.06	cps
Boron	11-1	309601	315542	316546	313896	1.20	cps
Cadmium	111-1	1100789	1095613	1094636	1097013	0.30	cps
Cadmium	106-1	118063	118584	118273	118307	0.22	cps
Cadmium	108-1	78972	78120	80262	79118	1.36	cps
Calcium	43-1	4618181	4613692	4628669	4620181	0.17	cps
Calcium	44-1	75140689	75178931	74974214	75097945	0.14	cps
Chromium	52-2	352961	354171	350639	352590	0.51	cps
Cobalt	59-2	760821	760096	754782	758566	0.43	cps
Copper	63-2	1301194	1303374	1298005	1300858	0.21	cps
Dysprosium	156-1	150	158	158	156	3.09	cps
Dysprosium	156-2	13	20	7	13	49.99	cps
Erbium	164-1	67	67	17	50	57.73	cps
Erbium	164-2	10	3	7	7	50.03	cps
Gadolinium	160-1	125	42	33	67	76.04	cps
Gadolinium	160-2	17	27	10	18	47.19	cps
Holmium	165-1	8213901	8157643	8230397	8200647	0.47	cps
Holmium	165-2	1642795	1658313	1633723	1644943	0.76	cps
Indium	115-1	5543340	5546357	5554391	5548029	0.10	cps
Indium	115-2	216448	217904	215050	216467	0.66	cps
Iron	56-2	58358332	58606414	58015911	58326886	0.51	cps
Iron	57-2	1515406	1517722	1481420	1504849	1.35	cps
Krypton	83-1	400	267	350	339	19.88	cps
Lead	206-1	3997449	3943126	3960093	3966889	0.70	cps
Lead	207-1	3645079	3595617	3645790	3628829	0.79	cps
Lead	208-1	16249677	16204606	16297741	16250674	0.29	cps
Lithium	6-1	923942	929128	924234	925768	0.31	cps
Magnesium	24-2	5594480	5628102	5570672	5597751	0.52	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	197637	201354	197960	198984	1.03	cps
Molybdenum	94-1	8390268	8275859	8360185	8342104	0.71	cps
Molybdenum	95-1	10363295	10230750	10280493	10291513	0.65	cps
Molybdenum	96-1	11502439	11381241	11411776	11431819	0.55	cps
Molybdenum	97-1	6559664	6498803	6521089	6526519	0.47	cps
Molybdenum	98-1	16797576	16600661	16707767	16702001	0.59	cps
Neodymium	150-1	253	287	300	280	8.58	cps
Neodymium	150-2	17	10	0	9	94.38	cps
Nickel	60-2	225907	228552	226961	227140	0.59	cps
Phosphorus	31-2	3459	3109	3442	3337	5.92	cps
Potassium	39-2	1492704	1514573	1481869	1496382	1.11	cps
Rhodium	103-1	4954809	4926995	4983439	4955081	0.57	cps
Rhodium	103-2	1255012	1258868	1246044	1253308	0.52	cps
Scandium	45-1	2833226	2828015	2826659	2829300	0.12	cps
Scandium	45-2	18776	18786	18152	18571	1.96	cps
Selenium	77-2	300	337	303	313	6.47	cps
Selenium	78-2	1096	1087	980	1054	6.15	cps
Selenium	82-1	63606	63130	63336	63357	0.38	cps
Silicon	28-1	1943441	1959493	1976319	1959751	0.84	cps
Silver	109-1	5059057	5012707	5060231	5043998	0.54	cps
Silver	107-1	5236245	5263629	5211119	5236998	0.50	cps
Sodium	23-2	12437832	12559135	12403098	12466688	0.66	cps
Strontium	86-1	1267299	1254598	1253520	1258472	0.61	cps
Strontium	88-1	10970333	10865333	10989572	10941746	0.61	cps
Sulfur	34-1	547562	539741	540810	542704	0.78	cps
Terbium	159-1	8271832	8298671	8367422	8312641	0.59	cps
Terbium	159-2	1551879	1553078	1539699	1548219	0.48	cps
Thallium	203-1	4989011	4880671	4941986	4937223	1.10	cps
Thallium	205-1	11704203	11567334	11625242	11632259	0.59	cps
Tin	118-1	3587278	3556157	3583479	3575638	0.47	cps
Titanium	47-1	2352149	2321067	2340711	2337976	0.67	cps
Uranium	238-1	17337827	17196647	17373067	17302514	0.54	cps
Vanadium	51-2	249279	251844	251690	250938	0.57	cps
Yttrium	89-1	5578107	5587256	5577582	5580981	0.10	cps
Yttrium	89-2	154907	154606	153659	154391	0.42	cps
Zinc	66-2	126423	126880	125700	126334	0.47	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCV91	Instrumnet Name :	P8
Client Sample ID :	CCV91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:08:43	DataFile Name :	062CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6908437	6912897	6898833	6906722	0.10	cps
Zirconium	91-1	1574948	1554369	1543462	1557593	1.03	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	30	28	27	14.32	cps
Antimony	121-1	11038	10463	9871	10457	5.58	cps
Arsenic	75-1	1033	1167	1058	1086	6.53	cps
Barium	135-1	283	242	317	281	13.39	cps
Barium	137-1	508	467	458	478	5.61	cps
Beryllium	9-1	400	383	383	389	2.47	cps
Bismuth	209-1	6012942	6062171	6095962	6057025	0.69	cps
Bismuth	209-2	1399968	1396484	1376058	1390837	0.93	cps
Boron	10-1	2617	2409	2192	2406	8.83	cps
Boron	11-1	13832	11814	11238	12295	11.08	cps
Cadmium	111-1	323	262	298	295	10.38	cps
Cadmium	106-1	1275	1000	1150	1142	12.06	cps
Cadmium	108-1	17	17	21	18	13.30	cps
Calcium	43-1	525	483	575	528	8.70	cps
Calcium	44-1	13140	13724	13816	13560	2.70	cps
Chromium	52-2	450	320	363	378	17.52	cps
Cobalt	59-2	113	70	53	79	39.27	cps
Copper	63-2	610	510	533	551	9.49	cps
Dysprosium	156-1	33	17	0	17	100.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	25	25	28	17.33	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	33	25	33	31	15.75	cps
Gadolinium	160-2	0	7	3	3	100.05	cps
Holmium	165-1	8188534	8133153	8200069	8173919	0.44	cps
Holmium	165-2	1648485	1646017	1657854	1650785	0.38	cps
Indium	115-1	5811409	5827225	5872759	5837131	0.55	cps
Indium	115-2	229908	230233	227568	229236	0.63	cps
Iron	56-2	4334	4267	4234	4279	1.19	cps
Iron	57-2	128	106	117	117	9.52	cps
Krypton	83-1	397	403	410	403	1.65	cps
Lead	206-1	661	606	600	622	5.43	cps
Lead	207-1	478	606	556	546	11.79	cps
Lead	208-1	2589	2461	2545	2532	2.56	cps
Lithium	6-1	985937	991712	1005410	994353	1.01	cps
Magnesium	24-2	567	583	575	575	1.45	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:11:56	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	47	33	47	28.58	cps
Molybdenum	94-1	3067	2775	2575	2806	8.81	cps
Molybdenum	95-1	3951	3501	3651	3701	6.19	cps
Molybdenum	96-1	4434	3867	3734	4012	9.27	cps
Molybdenum	97-1	2325	2109	2300	2245	5.28	cps
Molybdenum	98-1	6368	5777	5576	5907	6.97	cps
Neodymium	150-1	27	7	20	18	57.27	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	257	257	243	252	3.05	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1850	1659	2075	1861	11.21	cps
Rhodium	103-1	5328181	5309231	5361367	5332926	0.49	cps
Rhodium	103-2	1347703	1346060	1341438	1345067	0.24	cps
Scandium	45-1	2813060	2830167	2851206	2831478	0.67	cps
Scandium	45-2	18616	18432	17868	18305	2.13	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-62	-68	-56	-62	-9.61	cps
Silicon	28-1	153463	147746	150911	150707	1.90	cps
Silver	109-1	867	867	1025	920	9.94	cps
Silver	107-1	1058	1008	1033	1033	2.42	cps
Sodium	23-2	7119	7110	6810	7013	2.51	cps
Strontium	86-1	583	558	650	597	7.93	cps
Strontium	88-1	800	917	800	839	8.03	cps
Sulfur	34-1	281435	277723	283990	281049	1.12	cps
Terbium	159-1	8320313	8326175	8428689	8358393	0.73	cps
Terbium	159-2	1576015	1558608	1570020	1568214	0.56	cps
Thallium	203-1	1734	1642	1567	1647	5.07	cps
Thallium	205-1	3876	3809	3359	3681	7.64	cps
Tin	118-1	2717	2459	2484	2553	5.58	cps
Titanium	47-1	217	283	192	231	20.55	cps
Uranium	238-1	825	1133	867	942	17.77	cps
Vanadium	51-2	37	13	13	21	63.83	cps
Yttrium	89-1	5633242	5600420	5638472	5624045	0.37	cps
Yttrium	89-2	154761	155406	155173	155113	0.21	cps
Zinc	66-2	93	43	87	74	36.47	cps

LB Number :	LB98495	Operator :	Jaswal
Lab Sample ID :	CCB91	Instrumnet Name :	P8
Client Sample ID :	CCB91	Dilution Factor :	1
Date & Time Acquired ::	2018-10-09 18:11:56	DataFile Name :	063CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2342	2575	2150	2356	9.04	cps
Zirconium	91-1	492	558	542	531	6.54	cps