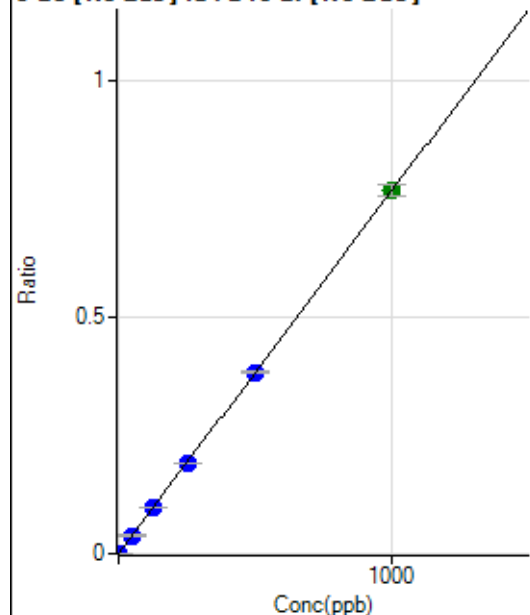


Batch Folder: D:\P8042618 MS.b\
Analysis File: P8042618 MS.batch.bin
DA Date-Time: 2018-04-27 00:29:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-04-26 13:16:33
2			
3	005CALS.d	S02	2018-04-26 13:23:59
4	006CALS.d	S03	2018-04-26 13:27:40
5	007CALS.d	S04	2018-04-26 13:31:21
6	008CALS.d	S05	2018-04-26 13:34:56
7	009CALS.d	S06	2018-04-26 13:38:24
8	010CALS.d	S07	2018-04-26 13:41:48
9	011CALS.d	S08	2018-04-26 13:45:06

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0000	P	14.4
2	☐	0.100					
3	☐	1.000	0.979	1485.31	0.0008	P	5.7
4	☐	50.000	50.161	74145.92	0.0385	P	1.7
5	☐	125.000	126.125	183947.12	0.0968	P	1.2
6	☐	250.000	248.202	357773.83	0.1905	P	1.1
7	☐	500.000	499.483	696023.11	0.3833	P	0.9
8	☐	1000.000	1000.559	1384231.12	0.7678	A	3.2
9	☐			322.24	0.0002	P	6.0

$$y = 7.6731\text{E-}004 * x + 2.2581\text{E-}005$$

$$R = 1.0000$$

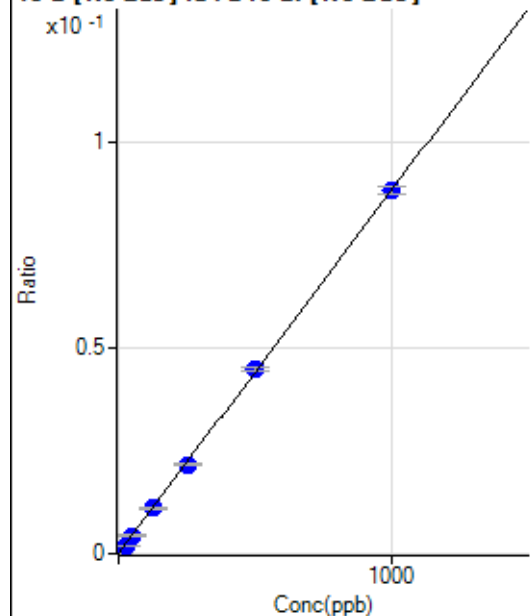
$$DL = 0.01273$$

$$BEC = 0.02943$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0001	P	9.4
2	☐	2.500					
3	☐	25.000	21.377	3764.55	0.0020	P	1.6
4	☐	50.000	48.796	8444.49	0.0044	P	5.2
5	☐	125.000	124.444	21046.66	0.0111	P	2.4
6	☐	250.000	245.223	40859.17	0.0218	P	2.3
7	☐	500.000	506.143	81386.24	0.0448	P	2.4
8	☐	1000.000	998.343	159288.85	0.0883	P	2.1
9	☐			6615.68	0.0037	P	10.9

$$y = 8.8410\text{E-}005 * x + 7.2207\text{E-}005$$

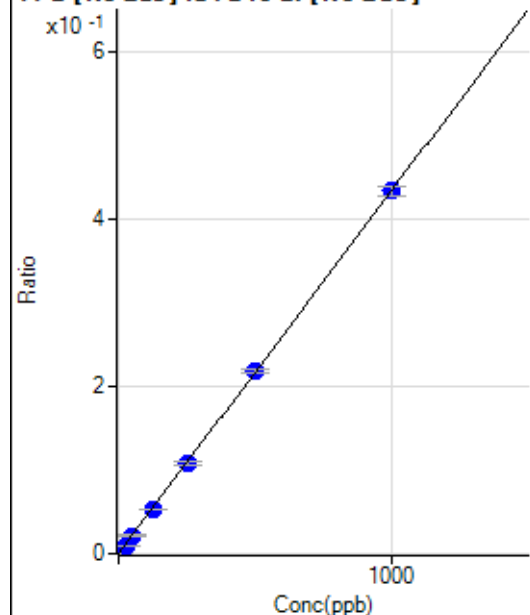
$$R = 1.0000$$

$$DL = 0.2301$$

$$BEC = 0.8167$$

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	508.37	0.0003	P	11.6
2	☐	2.500					
3	☐	25.000	22.084	18885.43	0.0098	P	3.9
4	☐	50.000	49.211	41594.86	0.0216	P	2.2
5	☐	125.000	122.649	101566.75	0.0534	P	0.9
6	☐	250.000	247.803	202267.31	0.1077	P	3.9
7	☐	500.000	502.355	395973.69	0.2181	P	1.9
8	☐	1000.000	999.778	782041.91	0.4337	P	2.3
9	☐			31513.55	0.0177	P	6.3

$$y = 4.3354\text{E-}004 * x + 2.6971\text{E-}004$$

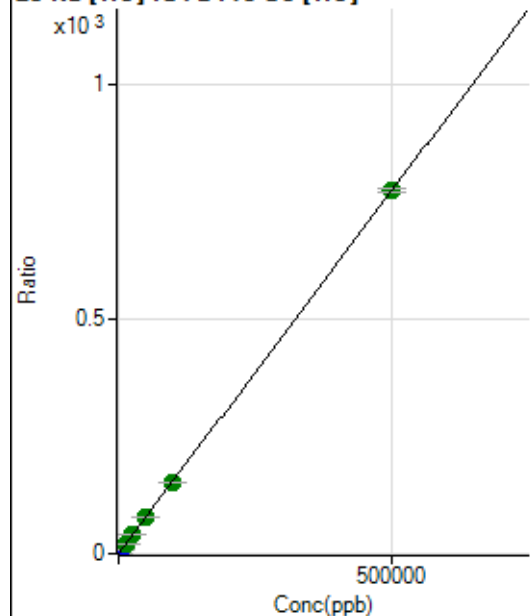
$$R = 1.0000$$

$$DL = 0.216$$

$$BEC = 0.6221$$

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	7413.39	0.1358	P	2.7
2	☐	50.000					
3	☐	500.000	508.820	51429.64	0.9236	P	1.4
4	☐	5000.000	5415.083	477711.60	8.5198	P	1.2
5	☐	12500.000	13518.877	1216555.42	21.0666	A	0.2
6	☐	25000.000	26803.339	2429561.12	41.6345	A	0.8
7	☐	50000.000	50685.133	4828209.83	78.6098	A	0.7
8	☐	100000.00	98243.815	9521244.05	152.2431	A	0.9
9	☐	500000.00	500162.92	47854218.43	774.5197	A	1.2

$$y = 0.0015 * x + 0.1358$$

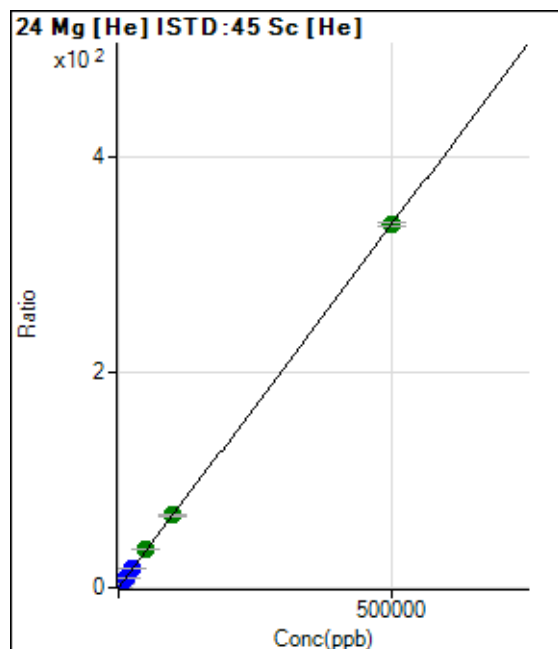
$$R = 1.0000$$

$$DL = 7.005$$

$$BEC = 87.74$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.67	0.0026	P	5.3
2	☐	50.000					
3	☐	500.000	502.533	19030.10	0.3418	P	1.1
4	☐	5000.000	5531.650	209493.43	3.7360	P	0.5
5	☐	12500.000	13594.177	529978.61	9.1775	P	0.6
6	☐	25000.000	26825.951	1056671.64	18.1079	P	0.5
7	☐	50000.000	52586.976	2180140.98	35.4945	A	0.2
8	☐	100000.00	99611.616	4204684.42	67.2322	A	1.2
9	☐	500000.00	499695.00	20837454.29	337.2555	A	1.0

$$y = 6.7492\text{E-}004 * x + 0.0026$$

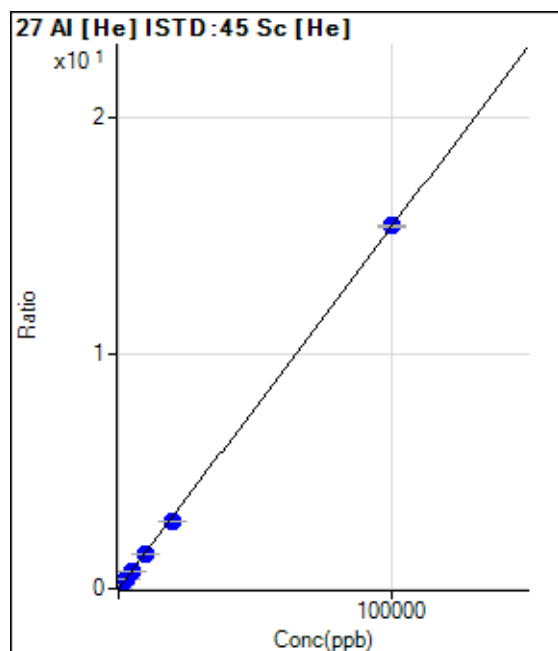
$$R = 1.0000$$

$$DL = 0.6065$$

$$BEC = 3.845$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.00	0.0005	P	32.6
2	☐	2.000					
3	☐	20.000	15.877	161.12	0.0029	P	23.8
4	☐	1000.000	1005.868	8689.14	0.1550	P	3.3
5	☐	2500.000	2524.770	22424.12	0.3883	P	1.9
6	☐	5000.000	4981.487	44685.26	0.7658	P	0.9
7	☐	10000.000	9654.418	91131.43	1.4837	P	0.8
8	☐	20000.000	18565.924	178414.07	2.8527	P	1.0
9	☐	100000.00	100321.62	952306.11	15.4128	P	0.7

$$y = 1.5363\text{E-}004 * x + 4.5682\text{E-}004$$

$$R = 0.9999$$

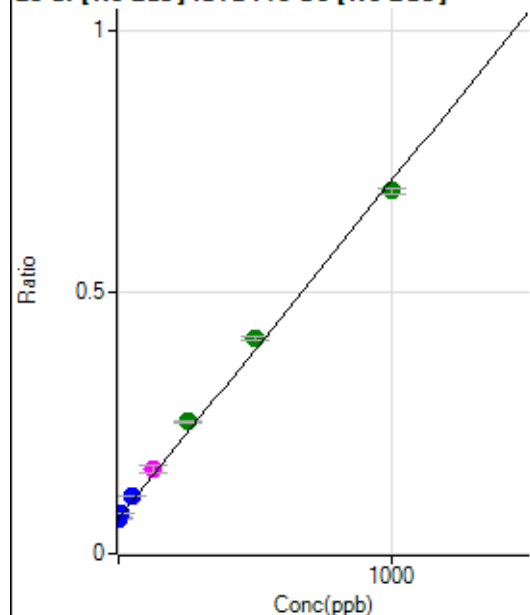
$$DL = 2.905$$

$$BEC = 2.974$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	389474.77	0.0678	P	1.4
2	☐	1.000					
3	☐	10.000	16.018	456991.74	0.0781	P	0.7
4	☐	50.000	65.793	650524.60	0.1102	P	0.2
5	☐	125.000	144.600	954907.92	0.1609	M	7.6
6	☐	250.000	285.593	1514324.75	0.2517	A	0.5
7	☐	500.000	534.855	2513390.90	0.4122	A	1.9
8	☐	1000.000	970.374	4298816.98	0.6927	A	1.4
9	☐			491483.26	0.0798	P	1.3

$$y = 6.4392\text{E-}004 * x + 0.0678$$

$$R = 0.9984$$

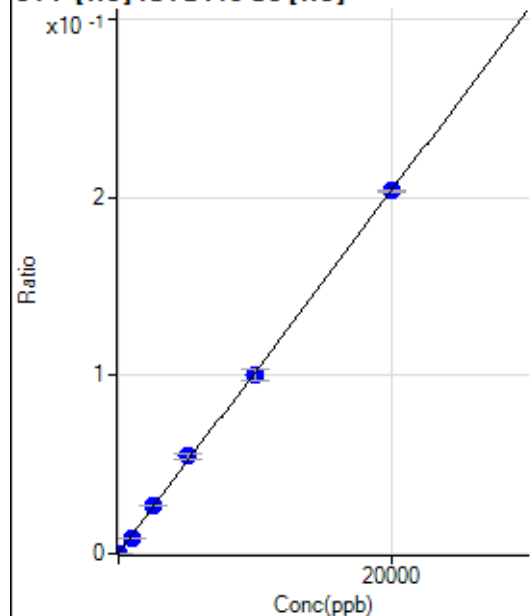
$$DL = 4.446$$

$$BEC = 105.3$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-2.254	11.11	0.0002	P	43.2
2	☐	0.000					
3	☐	0.000	2.254	13.89	0.0002	P	34.6
4	☐	1000.000	828.535	486.14	0.0087	P	7.6
5	☐	2500.000	2587.681	1536.27	0.0266	P	0.5
6	☐	5000.000	5372.295	3208.84	0.0550	P	6.1
7	☐	10000.000	9842.230	6173.87	0.1005	P	5.6
8	☐	20000.000	19983.424	12753.41	0.2039	P	0.5
9	☐			22.22	0.0004	P	77.4

$$y = 1.0193\text{E-}005 * x + 2.2646\text{E-}004$$

$$R = 0.9997$$

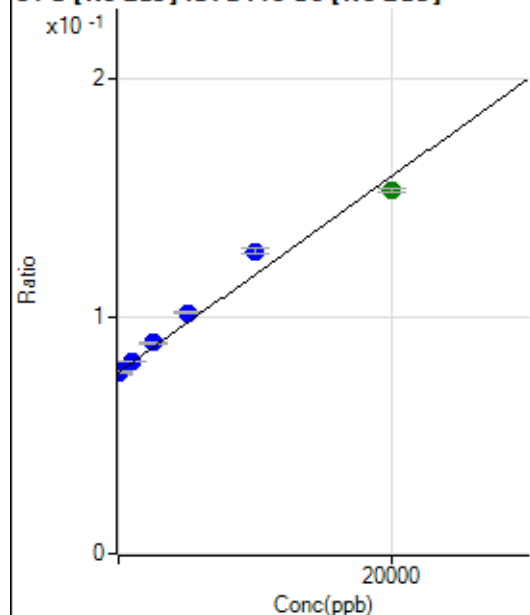
$$DL = 25.65$$

$$BEC = 22.22$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-42.347	438057.89	0.0763	P	1.4
2	☐	0.000					
3	☐	0.000	42.347	448197.50	0.0766	P	0.9
4	☐	1000.000	1125.996	478847.73	0.0811	P	0.4
5	☐	2500.000	3008.529	527519.40	0.0889	P	0.7
6	☐	5000.000	6036.584	609867.90	0.1014	P	0.6
7	☐	10000.000	12316.274	776146.53	0.1273	P	1.9
8	☐	20000.000	18512.851	948782.22	0.1529	A	1.2
9	☐			412228.15	0.0669	P	1.1

$$y = 4.1271\text{E-}006 * x + 0.0765$$

$$R = 0.9876$$

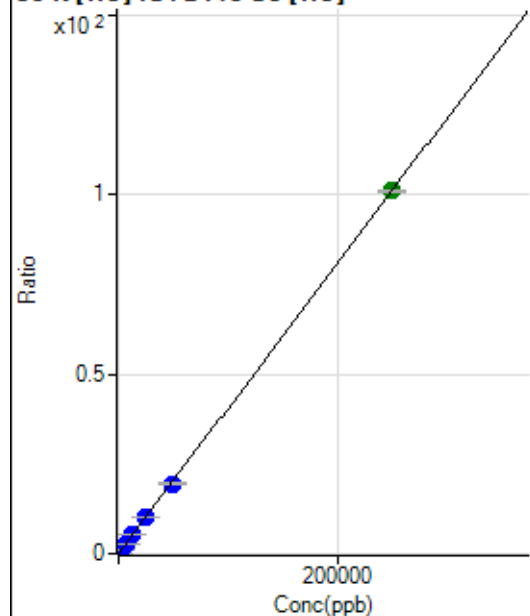
$$DL = 662.9$$

$$BEC = 1.853\text{E}+04$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3089.37	0.0566	P	3.0
2	☐	50.000					
3	☐	500.000	467.305	13654.47	0.2452	P	2.1
4	☐	2500.000	2540.110	60662.19	1.0818	P	1.4
5	☐	6250.000	6311.223	150375.90	2.6039	P	1.6
6	☐	12500.000	12602.158	300121.01	5.1430	P	1.2
7	☐	25000.000	24629.390	614068.20	9.9974	P	0.4
8	☐	50000.000	48210.313	1220489.02	19.5151	P	0.6
9	☐	250000.00	250388.02	6247703.92	101.1172	A	0.8

$$y = 4.0362\text{E-}004 * x + 0.0566$$

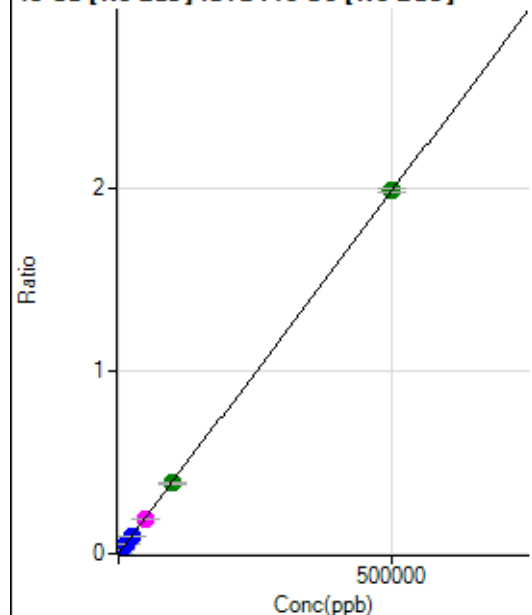
$$R = 1.0000$$

$$DL = 12.68$$

$$BEC = 140.3$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	741.72	0.0001	P	4.5
2	☐	50.000					
3	☐	500.000	452.938	11274.38	0.0019	P	4.6
4	☐	5000.000	4884.118	115270.56	0.0195	P	0.8
5	☐	12500.000	12146.155	287057.94	0.0484	P	0.6
6	☐	25000.000	24183.676	578529.50	0.0962	P	1.1
7	☐	50000.000	48450.343	1174078.94	0.1926	M	1.2
8	☐	100000.00	97301.867	2399078.72	0.3866	A	1.7
9	☐	500000.00	500745.46	12248470.93	1.9889	A	1.1

$$y = 3.9716\text{E-}006 * x + 1.2916\text{E-}004$$

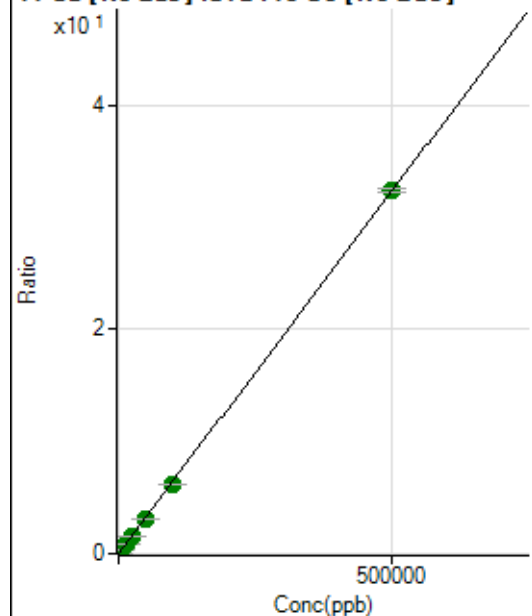
$$R = 1.0000$$

$$DL = 4.385$$

$$BEC = 32.52$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	31826.19	0.0055	P	2.7
2	☐	50.000					
3	☐	500.000	451.645	202958.28	0.0347	P	0.0
4	☐	5000.000	4957.263	1922262.33	0.3256	A	0.3
5	☐	12500.000	12211.111	4712344.85	0.7940	A	0.2
6	☐	25000.000	24059.635	9378097.08	1.5591	A	1.1
7	☐	50000.000	48284.882	19042826.64	3.1233	A	1.6
8	☐	100000.00	96276.354	38616114.40	6.2220	A	0.8
9	☐	500000.00	500970.95	199246421.1	32.3529	A	1.0

$$y = 6.4569\text{E-}005 * x + 0.0055$$

$$R = 1.0000$$

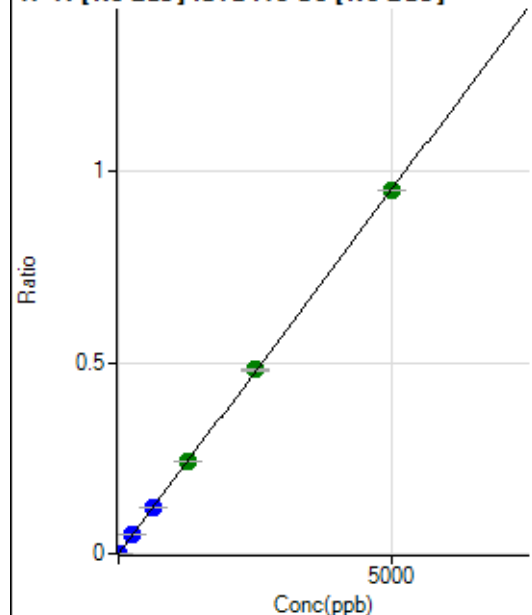
$$DL = 6.917$$

$$BEC = 85.86$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	28.8
2	☐	0.500					
3	☐	5.000	4.701	5401.27	0.0009	P	1.5
4	☐	250.000	251.569	283172.17	0.0480	P	0.5
5	☐	625.000	632.013	714989.04	0.1205	P	0.1
6	☐	1250.000	1265.850	1451307.87	0.2413	A	1.2
7	☐	2500.000	2522.652	2931667.65	0.4808	A	0.5
8	☐	5000.000	4983.756	5895091.49	0.9498	A	0.0
9	☐			2158.61	0.0004	P	4.6

$$y = 1.9057\text{E-}004 * x + 2.7645\text{E-}005$$

$$R = 1.0000$$

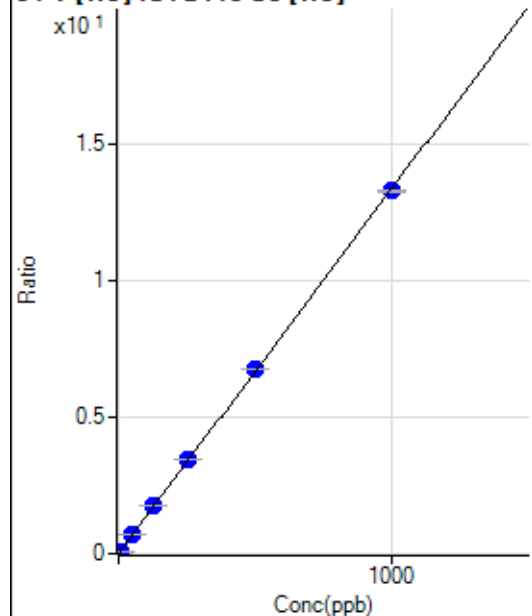
$$DL = 0.1254$$

$$BEC = 0.1451$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0003	P	20.8
2	☐	0.500					
3	☐	5.000	4.707	3522.73	0.0633	P	3.9
4	☐	50.000	52.492	39384.22	0.7024	P	1.2
5	☐	125.000	130.292	100655.03	1.7430	P	0.6
6	☐	250.000	258.775	201994.02	3.4615	P	0.3
7	☐	500.000	504.182	414229.88	6.7440	P	0.1
8	☐	1000.000	994.931	832284.56	13.3079	P	0.6
9	☐			392.23	0.0063	P	8.8

$$y = 0.0134 * x + 3.0578\text{E-}004$$

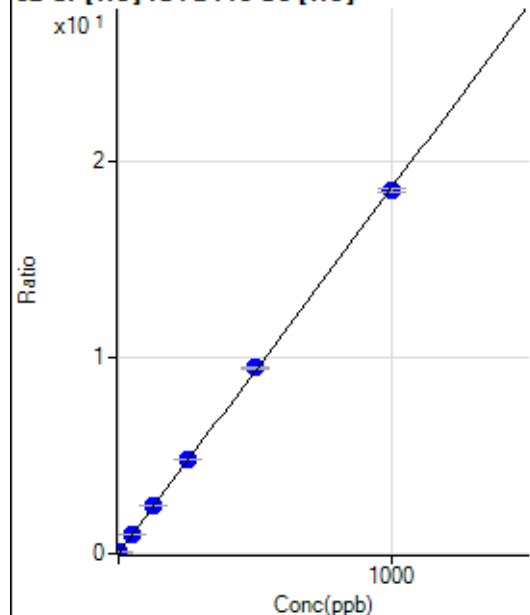
$$R = 0.9999$$

$$DL = 0.01427$$

$$BEC = 0.02286$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	617.80	0.0113	P	9.3
2	☐	0.200					
3	☐	2.000	2.088	2800.33	0.0503	P	4.4
4	☐	50.000	52.428	55490.60	0.9897	P	2.4
5	☐	125.000	130.777	141593.91	2.4519	P	0.4
6	☐	250.000	259.439	283190.39	4.8530	P	0.3
7	☐	500.000	508.375	583417.24	9.4987	P	0.5
8	☐	1000.000	992.609	1159205.23	18.5355	P	0.9
9	☐			48558.42	0.7859	P	0.8

$$y = 0.0187 * x + 0.0113$$

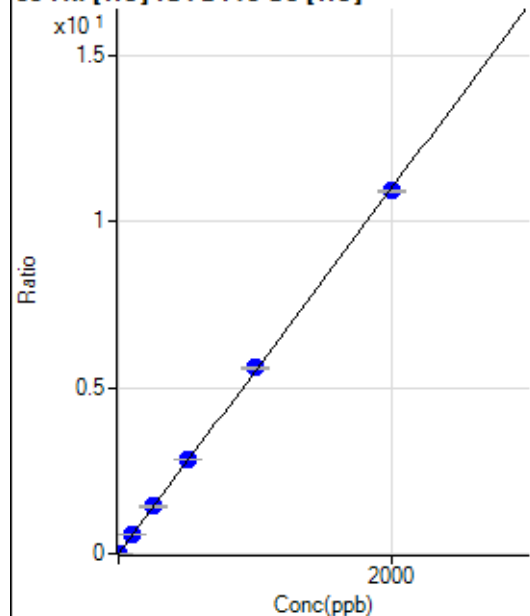
$$R = 0.9999$$

$$DL = 0.1693$$

$$BEC = 0.6067$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.56	0.0005	P	39.9
2	☐	0.100					
3	☐	1.000	1.064	352.23	0.0063	P	10.6
4	☐	100.000	104.242	32192.78	0.5742	P	1.8
5	☐	250.000	258.647	82228.17	1.4240	P	1.0
6	☐	500.000	515.964	165732.79	2.8401	P	0.3
7	☐	1000.000	1017.357	343936.12	5.5996	P	0.4
8	☐	2000.000	1986.038	683628.57	10.9308	P	0.5
9	☐			2917.02	0.0472	P	1.7

$$y = 0.0055 * x + 4.7062E-004$$

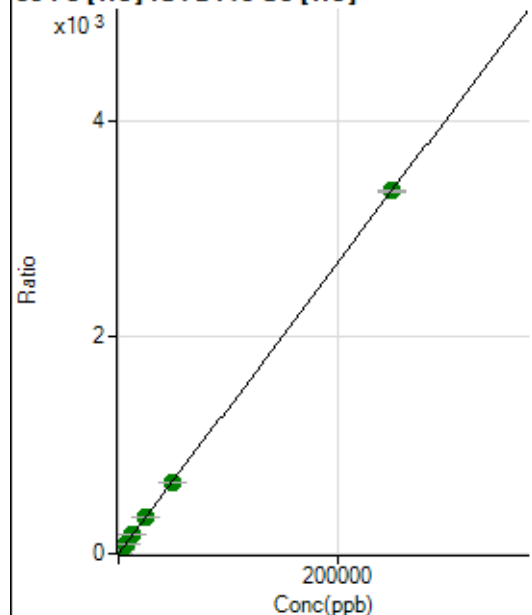
$$R = 0.9999$$

$$DL = 0.1023$$

$$BEC = 0.08551$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1602.00	0.0293	P	3.9
2	☐	5.000					
3	☐	50.000	49.203	38306.87	0.6880	P	0.4
4	☐	2500.000	2653.009	1992909.26	35.5431	A	1.3
5	☐	6250.000	6451.523	4988892.76	86.3907	A	0.1
6	☐	12500.000	12847.019	10037014.58	172.0022	A	0.7
7	☐	25000.000	24891.148	20467402.54	333.2273	A	0.2
8	☐	50000.000	48873.693	40918031.01	654.2626	A	0.5
9	☐	250000.00	250212.22	206949441.6	3,349.421	A	0.7

$$y = 0.0134 * x + 0.0293$$

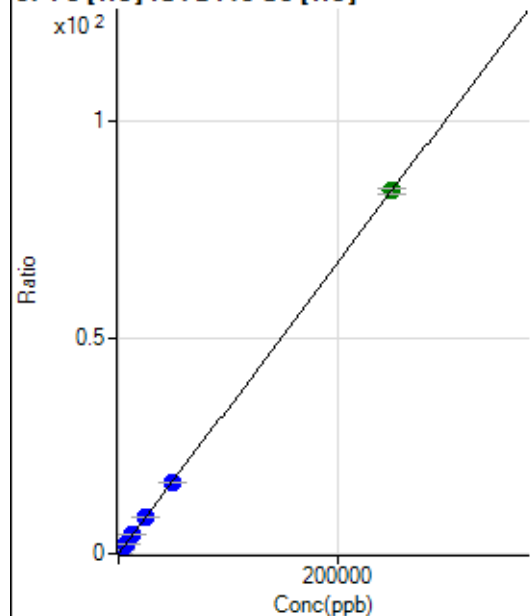
$$R = 1.0000$$

$$DL = 0.2558$$

$$BEC = 2.192$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.59	0.0008	P	42.9
2	☐	5.000					
3	☐	50.000	46.385	911.17	0.0164	P	3.3
4	☐	2500.000	2598.458	48979.23	0.8736	P	2.5
5	☐	6250.000	6464.425	125443.27	2.1722	P	2.0
6	☐	12500.000	12890.628	252720.41	4.3308	P	0.5
7	☐	25000.000	24949.834	514805.55	8.3815	P	0.5
8	☐	50000.000	49066.408	1030814.24	16.4824	P	0.6
9	☐	250000.00	250165.85	5191841.78	84.0324	A	1.5

$$y = 3.3590E-004 * x + 7.8397E-004$$

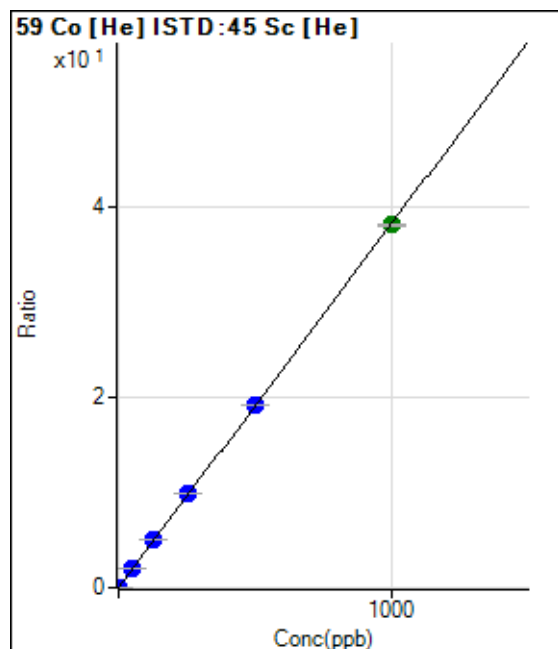
$$R = 1.0000$$

$$DL = 3.002$$

$$BEC = 2.334$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	94.45	0.0017	P	16.6
2	☐	0.100					
3	☐	1.000	0.976	2171.32	0.0390	P	0.7
4	☐	50.000	53.054	113735.14	2.0284	P	1.4
5	☐	125.000	130.435	287842.37	4.9845	P	0.5
6	☐	250.000	259.828	579309.61	9.9274	P	0.6
7	☐	500.000	500.307	1174017.72	19.1140	P	0.3
8	☐	1000.000	996.558	2381004.56	38.0714	A	0.6
9	☐			3910.62	0.0633	P	1.8

$$y = 0.0382 * x + 0.0017$$

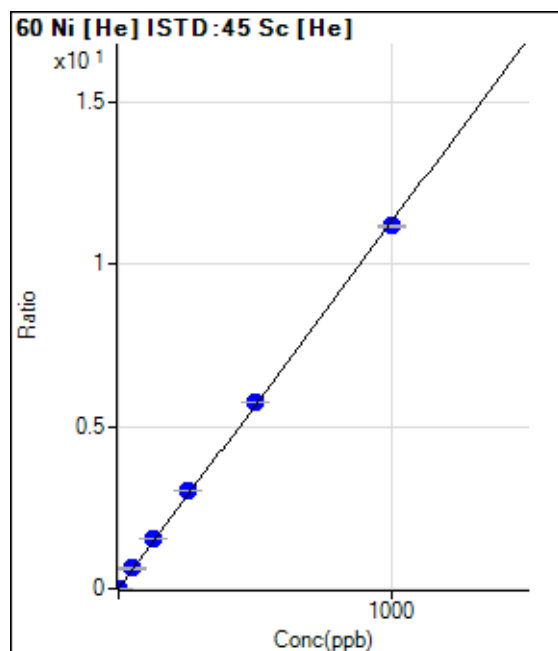
$$R = 0.9999$$

$$DL = 0.02255$$

$$BEC = 0.04523$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	32.22	0.0006	P	21.8
2	☐	0.100					
3	☐	1.000	1.117	735.59	0.0132	P	1.9
4	☐	50.000	55.039	34887.18	0.6223	P	2.2
5	☐	125.000	134.546	87789.85	1.5203	P	0.9
6	☐	250.000	266.027	175371.88	3.0053	P	0.1
7	☐	500.000	510.589	354255.82	5.7676	P	0.2
8	☐	1000.000	989.253	698825.03	11.1740	P	0.8
9	☐			18111.98	0.2931	P	1.8

$$y = 0.0113 * x + 5.9076E-004$$

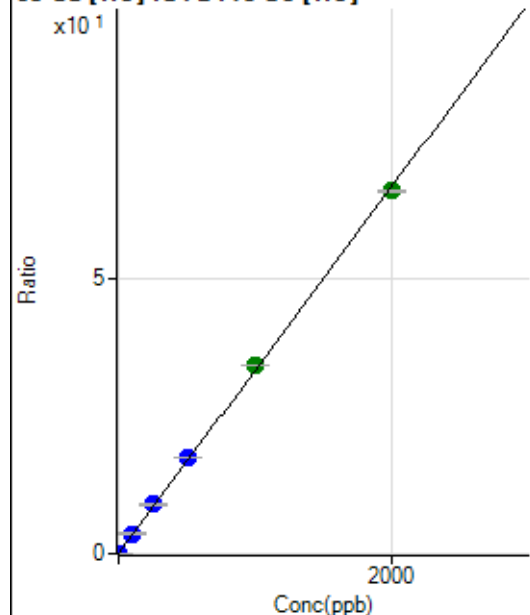
$$R = 0.9998$$

$$DL = 0.03426$$

$$BEC = 0.0523$$

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	2244.66	0.0411	P	2.9
2	☐	0.200					
3	☐	2.000	2.059	6121.46	0.1099	P	3.2
4	☐	100.000	108.499	205623.13	3.6673	P	1.5
5	☐	250.000	266.973	517630.76	8.9637	P	0.6
6	☐	500.000	525.894	1028034.83	17.6173	P	0.4
7	☐	1000.000	1025.809	2108311.51	34.3251	A	0.6
8	☐	2000.000	1978.075	4137107.86	66.1512	A	0.8
9	☐			8054.68	0.1304	P	1.8

$$y = 0.0334 * x + 0.0411$$

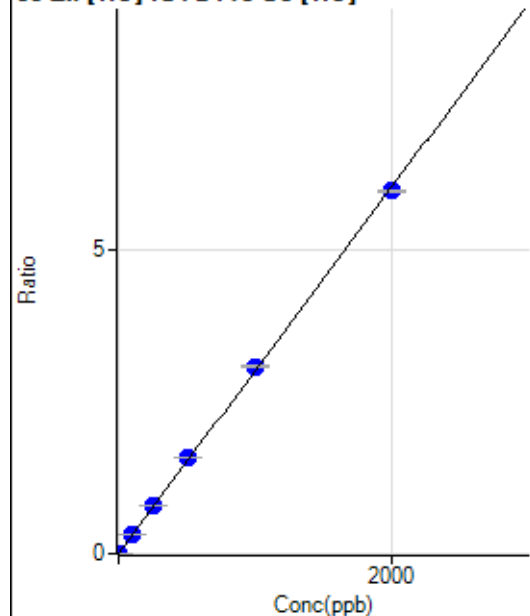
$$R = 0.9998$$

$$DL = 0.1076$$

$$BEC = 1.231$$

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	37.78	0.0007	P	5.4
2	☐	0.200					
3	☐	2.000	2.210	408.90	0.0073	P	6.0
4	☐	100.000	107.578	18191.06	0.3244	P	1.0
5	☐	250.000	262.816	45711.85	0.7916	P	0.1
6	☐	500.000	526.177	92437.54	1.5841	P	1.1
7	☐	1000.000	1021.131	188776.42	3.0735	P	0.9
8	☐	2000.000	1980.909	372849.36	5.9618	P	0.7
9	☐			1240.08	0.0201	P	8.6

$$y = 0.0030 * x + 6.9222E-004$$

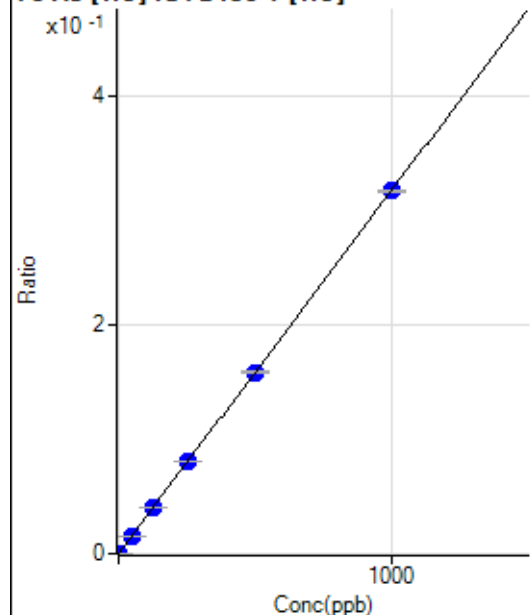
$$R = 0.9998$$

$$DL = 0.03704$$

$$BEC = 0.23$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.47	0.0000	P	116.4
2	☐	0.100					
3	☐	1.000	1.030	124.69	0.0003	P	18.6
4	☐	50.000	49.751	5981.60	0.0158	P	2.0
5	☐	125.000	127.607	15590.35	0.0404	P	0.7
6	☐	250.000	252.003	31774.78	0.0799	P	0.3
7	☐	500.000	499.818	65400.05	0.1584	P	0.7
8	☐	1000.000	999.277	131891.39	0.3167	P	0.7
9	☐			109.26	0.0003	P	5.6

$$y = 3.1687\text{E-}004 * x + 6.8627\text{E-}006$$

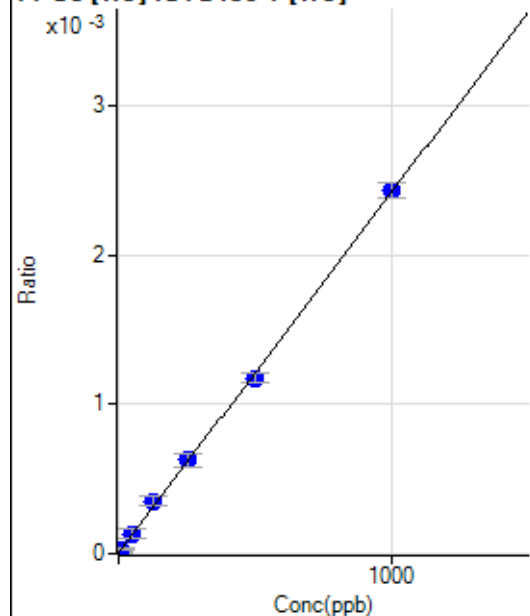
$$R = 1.0000$$

$$DL = 0.07561$$

$$BEC = 0.02166$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.7
2	☐	0.500					
3	☐	5.000	9.767	11.11	0.0000	P	45.5
4	☐	50.000	53.331	51.11	0.0001	P	42.3
5	☐	125.000	143.104	135.56	0.0004	P	18.5
6	☐	250.000	257.414	250.01	0.0006	P	14.2
7	☐	500.000	484.107	485.57	0.0012	P	5.6
8	☐	1000.000	1003.640	1012.28	0.0024	P	4.1
9	☐			2.22	0.0000	P	86.6

$$y = 2.4159\text{E-}006 * x + 6.0957\text{E-}006$$

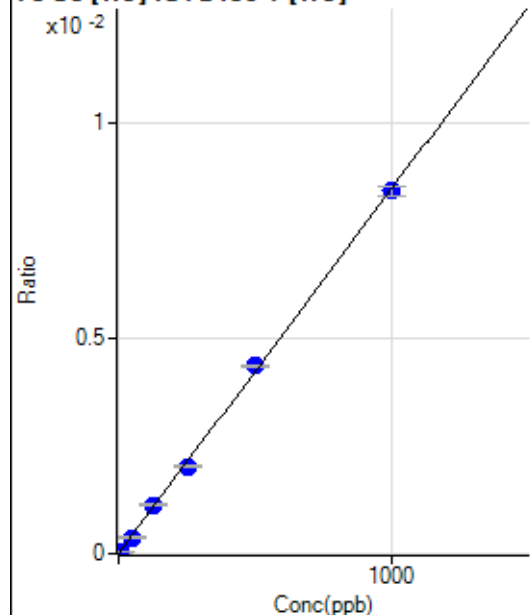
$$R = 0.9996$$

$$DL = 6.561$$

$$BEC = 2.523$$

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	4.098	14.20	0.0000	P	61.4
4	☐	50.000	43.916	141.98	0.0004	P	19.1
5	☐	125.000	132.562	433.34	0.0011	P	3.7
6	☐	250.000	238.898	804.97	0.0020	P	2.2
7	☐	500.000	515.014	1799.52	0.0044	P	1.0
8	☐	1000.000	994.632	3504.18	0.0084	P	2.6
9	☐			11.73	0.0000	P	40.1

$$y = 8.4556\text{E-}006 * x + 3.2810\text{E-}006$$

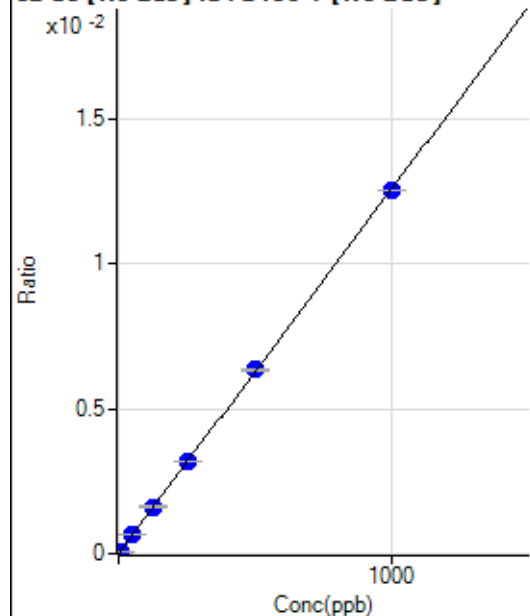
$$R = 0.9997$$

$$DL = 1.008$$

$$BEC = 0.388$$

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	-12.39	0.0000	P	-262.
2	☐	0.500					
3	☐	5.000	5.177	646.74	0.0001	P	6.8
4	☐	50.000	51.601	6613.76	0.0006	P	1.9
5	☐	125.000	129.266	16600.70	0.0016	P	0.7
6	☐	250.000	255.009	33384.58	0.0032	P	0.7
7	☐	500.000	505.288	66683.43	0.0064	P	0.8
8	☐	1000.000	995.490	135414.33	0.0125	P	0.2
9	☐			193.00	0.0000	P	29.3

$$y = 1.2574\text{E-}005 * x - 1.2465\text{E-}006$$

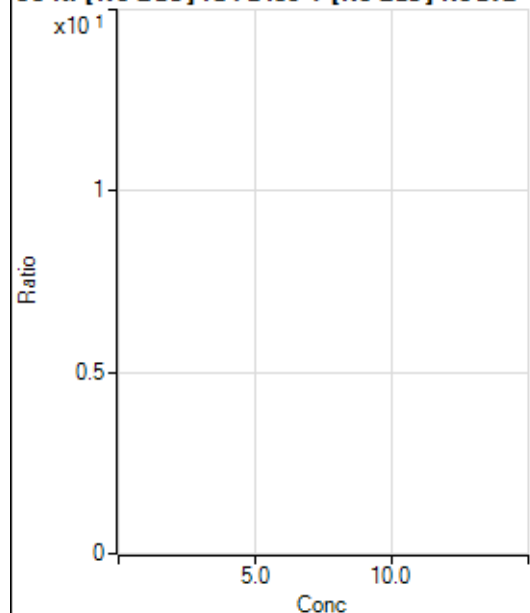
$$R = 1.0000$$

$$DL = 0.7819$$

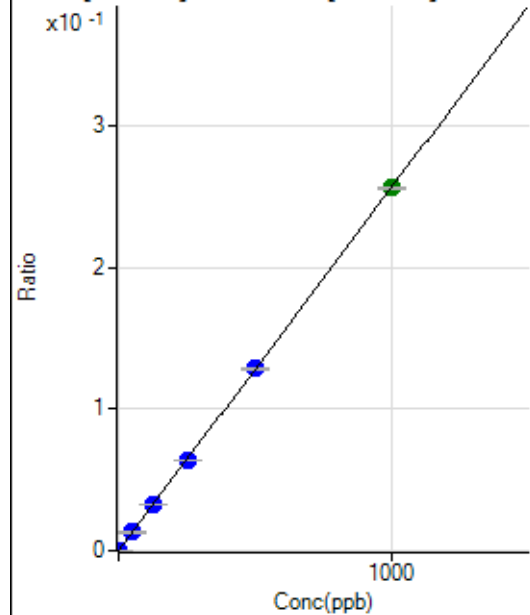
$$BEC = -0.09914$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			458.90	0.0000	P	6.6
2	☐						
3	☐			416.68	0.0000	P	5.2
4	☐			433.35	0.0000	P	2.5
5	☐			418.90	0.0000	P	3.6
6	☐			433.35	0.0000	P	2.6
7	☐			442.24	0.0000	P	4.1
8	☐			468.91	0.0000	P	10.9
9	☐			455.57	0.0000	P	13.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	655.61	0.0001	P	4.4
2	☐	0.100					
3	☐	1.000	1.011	3292.22	0.0003	P	2.5
4	☐	50.000	50.300	132401.48	0.0130	P	0.9
5	☐	125.000	125.342	329209.75	0.0322	P	0.6
6	☐	250.000	250.270	669160.38	0.0642	P	0.5
7	☐	500.000	501.273	1350119.11	0.1286	P	0.6
8	☐	1000.000	999.238	2773109.37	0.2563	A	0.3
9	☐			93791.69	0.0089	P	0.8

$$y = 2.5644\text{E-}004 * x + 6.5761\text{E-}005$$

$$R = 1.0000$$

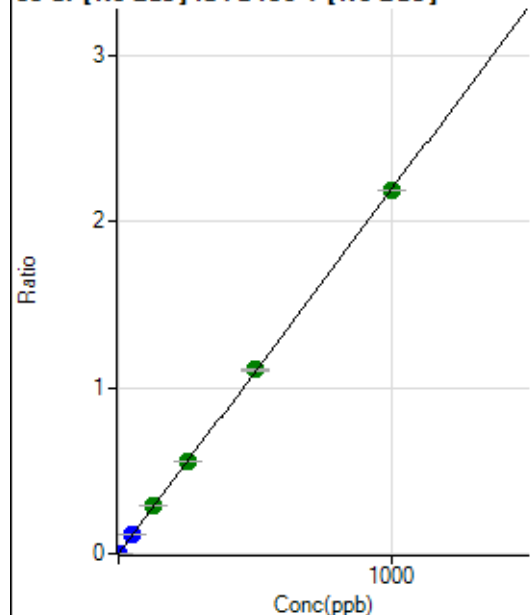
$$DL = 0.03412$$

$$BEC = 0.2564$$

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	136.12	0.0000	P	9.1
2	☐	0.100					
3	☐	1.000	0.974	21743.10	0.0021	P	1.3
4	☐	50.000	50.548	1130423.80	0.1107	P	0.3
5	☐	125.000	130.307	2916247.83	0.2853	A	1.3
6	☐	250.000	252.300	5753908.33	0.5524	A	1.1
7	☐	500.000	505.123	11610075.26	1.1060	A	1.0
8	☐	1000.000	996.173	23598481.78	2.1811	A	0.1
9	☐			799212.76	0.0761	P	0.4

$$y = 0.0022 * x + 1.3650E-005$$

$$R = 1.0000$$

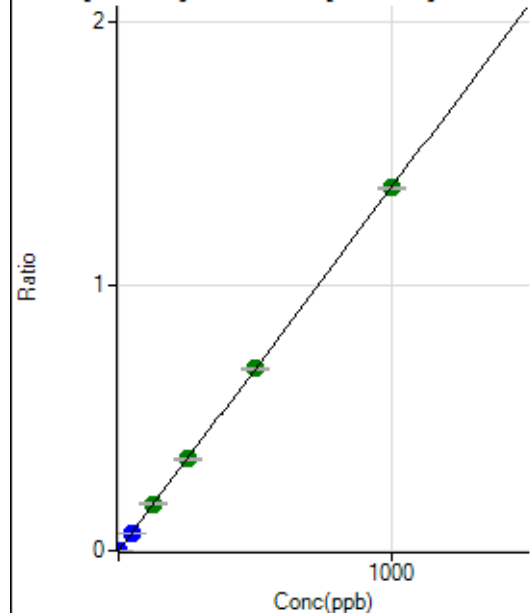
$$DL = 0.001701$$

$$BEC = 0.006234$$

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	619.49	0.0001	P	5.9
2	☐	0.100					
3	☐	1.000	0.858	12567.49	0.0012	P	0.9
4	☐	50.000	49.669	697498.44	0.0683	P	0.5
5	☐	125.000	129.443	1818204.68	0.1779	A	1.2
6	☐	250.000	251.514	3599589.88	0.3456	A	0.6
7	☐	500.000	501.353	7230773.34	0.6888	A	1.0
8	☐	1000.000	998.406	14840497.03	1.3717	A	0.2
9	☐			5495.79	0.0005	P	1.4

$$y = 0.0014 * x + 6.2145E-005$$

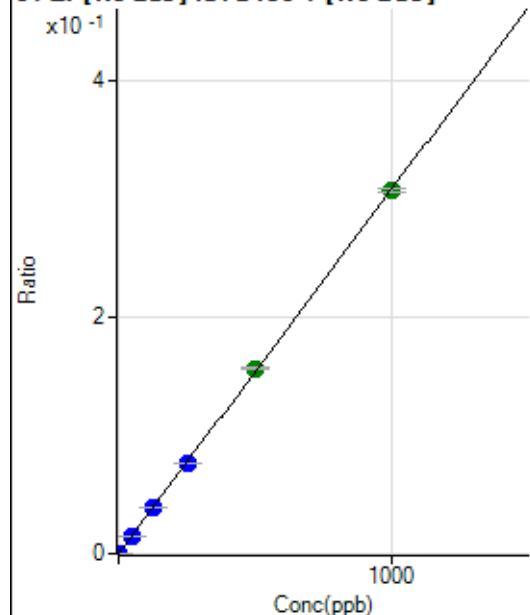
$$R = 1.0000$$

$$DL = 0.00807$$

$$BEC = 0.04524$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	150.01	0.0000	P	34.6
2	☐	0.100					
3	☐	1.000	0.847	2789.33	0.0003	P	4.6
4	☐	50.000	49.002	154048.77	0.0151	P	0.8
5	☐	125.000	125.863	395767.89	0.0387	P	1.1
6	☐	250.000	248.942	797534.36	0.0766	P	0.4
7	☐	500.000	508.219	1640803.84	0.1563	A	1.1
8	☐	1000.000	996.097	3314347.47	0.3063	A	0.9
9	☐			1197.33	0.0001	P	9.7

$$y = 3.0752\text{E-}004 * x + 1.5046\text{E-}005$$

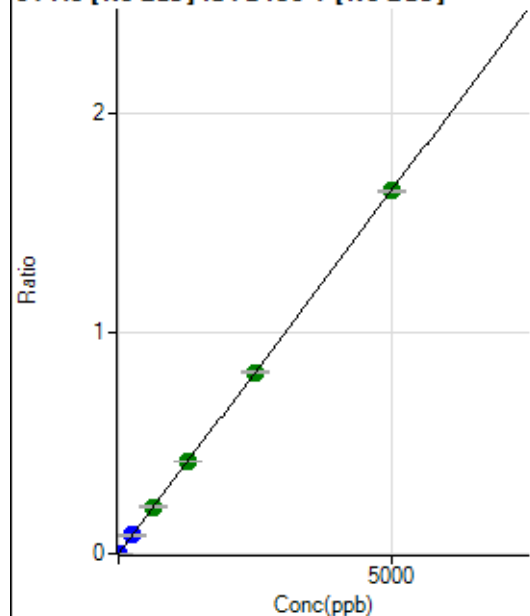
$$R = 0.9999$$

$$DL = 0.05085$$

$$BEC = 0.04893$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	313.91	0.0000	P	17.8
2	☐	0.500					
3	☐	5.000	4.585	15601.29	0.0015	P	1.1
4	☐	250.000	252.586	849459.09	0.0832	P	1.1
5	☐	625.000	645.032	2170538.20	0.2124	A	1.4
6	☐	1250.000	1263.458	4332332.30	0.4159	A	0.5
7	☐	2500.000	2496.517	8627155.06	0.8218	A	1.0
8	☐	5000.000	4995.744	17792864.46	1.6445	A	0.5
9	☐			25522.14	0.0024	P	3.5

$$y = 3.2918\text{E-}004 * x + 3.1490\text{E-}005$$

$$R = 1.0000$$

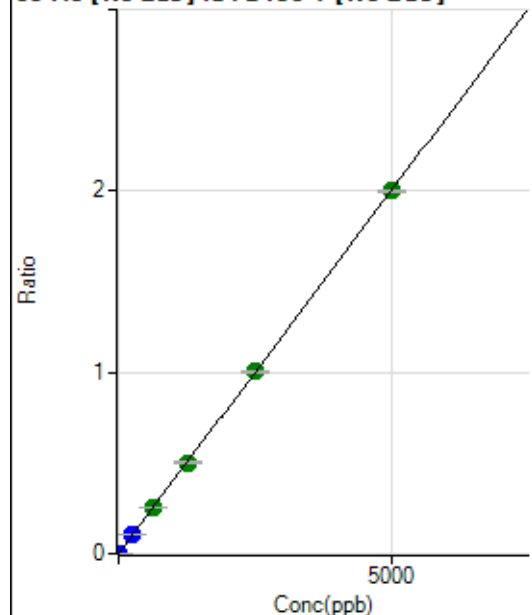
$$DL = 0.05119$$

$$BEC = 0.09566$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	23.2
2	☐	0.500					
3	☐	5.000	4.694	19194.94	0.0019	P	0.5
4	☐	250.000	253.011	1035970.05	0.1014	P	0.7
5	☐	625.000	645.620	2645570.42	0.2588	A	0.5
6	☐	1250.000	1256.998	5248707.80	0.5039	A	0.2
7	☐	2500.000	2504.174	10538401.97	1.0039	A	1.1
8	☐	5000.000	4993.436	21657864.72	2.0018	A	0.7
9	☐			41804.58	0.0040	P	5.3

$$y = 4.0088\text{E-}004 * x + 1.3653\text{E-}005$$

$$R = 1.0000$$

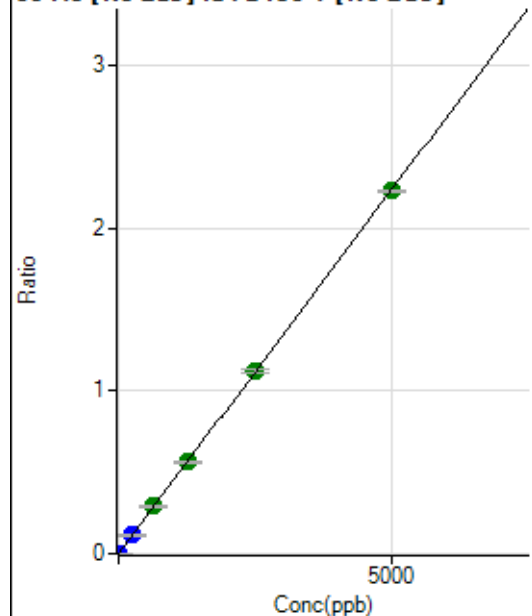
$$DL = 0.02371$$

$$BEC = 0.03406$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	200.01	0.0000	P	17.2
2	☐	0.500					
3	☐	5.000	4.773	21810.04	0.0022	P	0.4
4	☐	250.000	252.116	1151333.24	0.1127	P	1.1
5	☐	625.000	648.644	2964201.61	0.2900	A	1.7
6	☐	1250.000	1257.791	5857433.94	0.5624	A	0.7
7	☐	2500.000	2515.783	11806885.68	1.1248	A	1.6
8	☐	5000.000	4987.100	24123701.58	2.2297	A	0.5
9	☐			46402.80	0.0044	P	4.9

$$y = 4.4708\text{E-}004 * x + 2.0072\text{E-}005$$

$$R = 1.0000$$

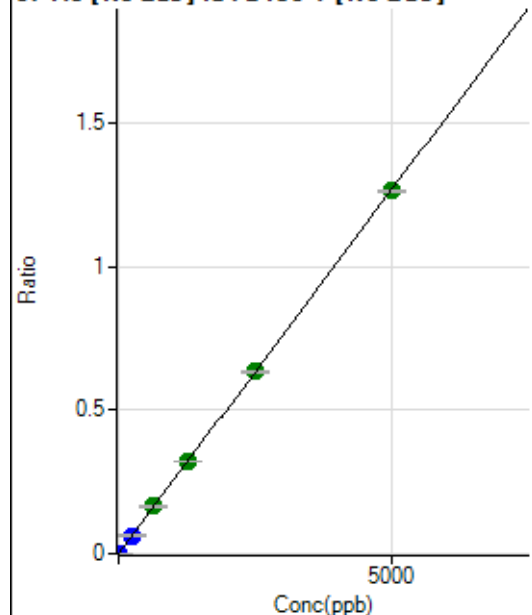
$$DL = 0.02317$$

$$BEC = 0.0449$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	116.67	0.0000	P	25.7
2	☐	0.500					
3	☐	5.000	4.663	12086.44	0.0012	P	1.6
4	☐	250.000	250.839	649360.49	0.0636	P	0.4
5	☐	625.000	650.331	1684700.04	0.1648	A	1.6
6	☐	1250.000	1275.075	3366077.59	0.3232	A	0.5
7	☐	2500.000	2507.916	6672179.84	0.6356	A	1.1
8	☐	5000.000	4986.565	13673447.18	1.2638	A	0.5
9	☐			26248.55	0.0025	P	6.1

$$y = 2.5344\text{E-}004 * x + 1.1701\text{E-}005$$

$$R = 1.0000$$

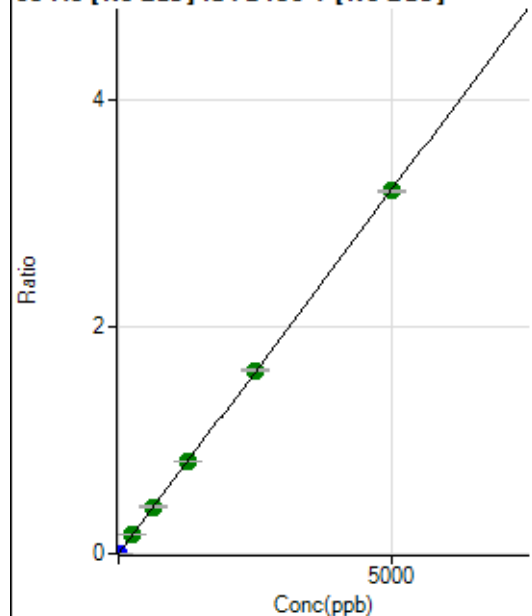
$$DL = 0.03555$$

$$BEC = 0.04617$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	216.68	0.0000	P	30.1
2	☐	0.500					
3	☐	5.000	4.818	31470.98	0.0031	P	3.2
4	☐	250.000	256.119	1676052.36	0.1641	A	0.9
5	☐	625.000	643.450	4213828.40	0.4123	A	1.3
6	☐	1250.000	1259.339	8404401.75	0.8069	A	0.4
7	☐	2500.000	2514.807	16914000.38	1.6112	A	1.0
8	☐	5000.000	4987.650	34574229.59	3.1956	A	0.4
9	☐			65138.34	0.0062	P	5.4

$$y = 6.4069\text{E-}004 * x + 2.1712\text{E-}005$$

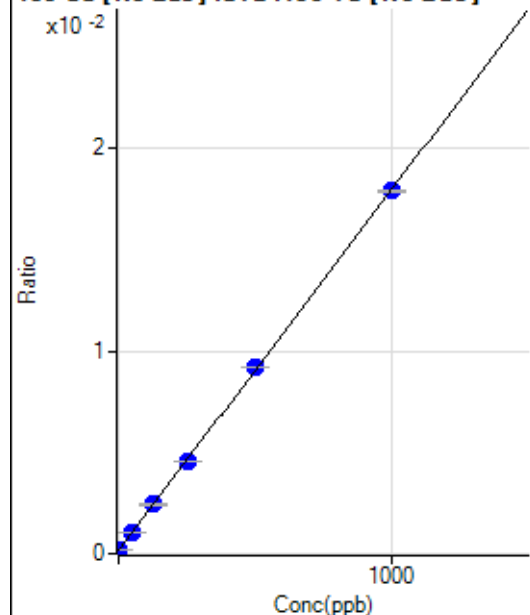
$$R = 1.0000$$

$$DL = 0.03055$$

$$BEC = 0.03389$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2014.14	0.0002	P	7.6
2	☐	0.100					
3	☐	1.000	0.433	2144.72	0.0002	P	3.2
4	☐	50.000	48.936	12678.76	0.0010	P	2.4
5	☐	125.000	128.444	29981.56	0.0025	P	3.4
6	☐	250.000	246.208	55621.18	0.0045	P	1.2
7	☐	500.000	508.542	111732.33	0.0092	P	0.4
8	☐	1000.000	996.300	222077.78	0.0179	P	0.2
9	☐			2392.00	0.0002	P	3.7

$$y = 1.7786\text{E-}005 * x + 1.6951\text{E-}004$$

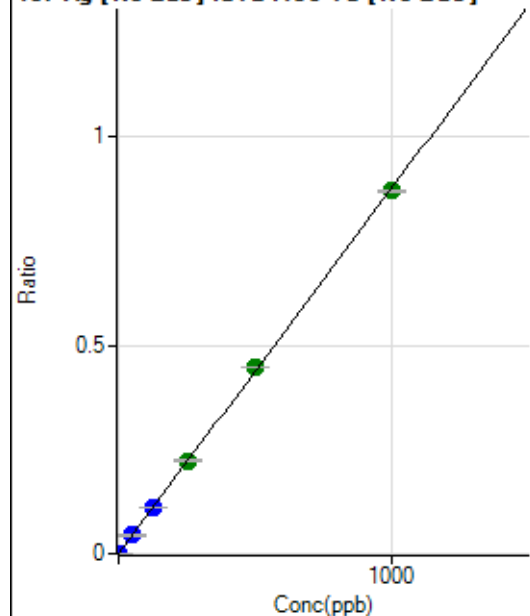
$$R = 0.9999$$

$$DL = 2.187$$

$$BEC = 9.53$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	17.1
2	☐	0.100					
3	☐	1.000	0.947	10209.83	0.0008	P	0.8
4	☐	50.000	50.100	535069.42	0.0439	P	1.1
5	☐	125.000	125.400	1342056.68	0.1098	P	0.3
6	☐	250.000	254.478	2725541.08	0.2229	A	1.2
7	☐	500.000	510.741	5424008.23	0.4473	A	0.7
8	☐	1000.000	993.455	10800856.84	0.8701	A	0.2
9	☐			1697.41	0.0001	P	3.2

$$y = 8.7581\text{E-}004 * x + 1.3811\text{E-}005$$

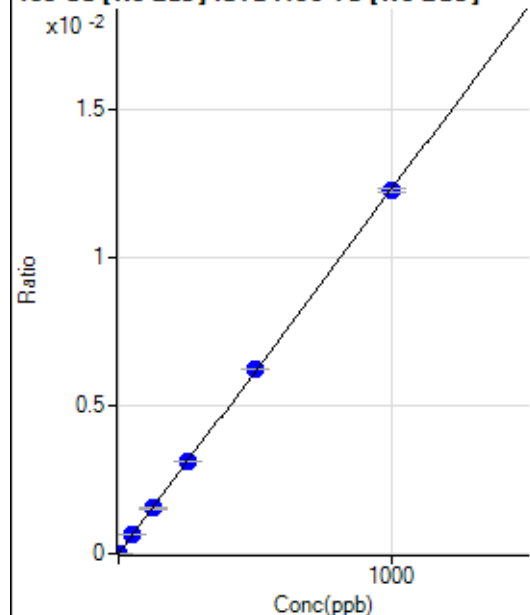
$$R = 0.9999$$

$$DL = 0.008102$$

$$BEC = 0.01577$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.95	0.0000	P	124.9
2	☐	0.100					
3	☐	1.000	1.042	162.51	0.0000	P	9.5
4	☐	50.000	50.725	7630.11	0.0006	P	1.0
5	☐	125.000	125.741	18944.17	0.0016	P	3.3
6	☐	250.000	251.530	37923.00	0.0031	P	0.4
7	☐	500.000	507.670	75891.36	0.0063	P	0.4
8	☐	1000.000	995.654	152363.49	0.0123	P	1.0
9	☐			44.44	0.0000	P	14.1

$$y = 1.2327\text{E-}005 * x + 5.8809\text{E-}007$$

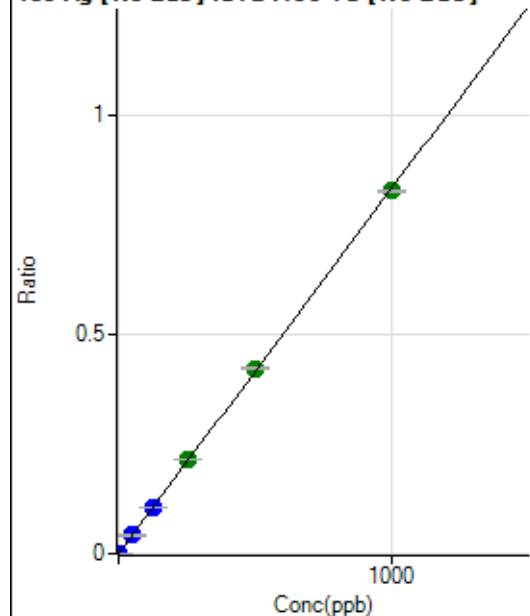
$$R = 1.0000$$

$$DL = 0.1788$$

$$BEC = 0.04771$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	113.90	0.0000	P	17.7
2	☐	0.100					
3	☐	1.000	0.979	9984.67	0.0008	P	4.4
4	☐	50.000	50.305	510967.43	0.0419	P	1.1
5	☐	125.000	125.579	1278217.64	0.1046	P	0.9
6	☐	250.000	257.632	2624398.75	0.2146	A	0.6
7	☐	500.000	508.045	5131418.82	0.4232	A	1.5
8	☐	1000.000	993.982	10278222.10	0.8280	A	0.9
9	☐			1539.06	0.0001	P	11.2

$$y = 8.3300\text{E-}004 * x + 9.5982\text{E-}006$$

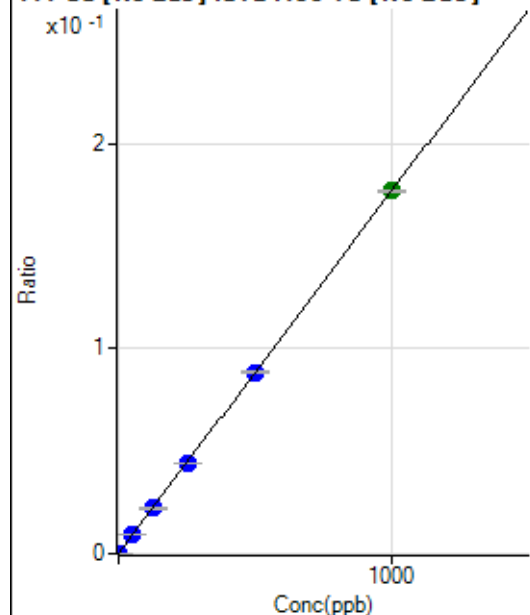
$$R = 0.9999$$

$$DL = 0.006117$$

$$BEC = 0.01152$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1436.98	0.0001	P	8.1
2	☐	0.100					
3	☐	1.000	0.889	3366.91	0.0003	P	3.7
4	☐	50.000	50.037	109369.76	0.0090	P	0.8
5	☐	125.000	124.106	269692.95	0.0221	P	0.1
6	☐	250.000	247.105	535949.32	0.0438	P	0.4
7	☐	500.000	500.077	1073969.81	0.0886	P	1.4
8	☐	1000.000	1000.795	2198958.73	0.1771	A	0.7
9	☐			2169.70	0.0002	P	3.6

$$y = 1.7688\text{E-}004 * x + 1.2093\text{E-}004$$

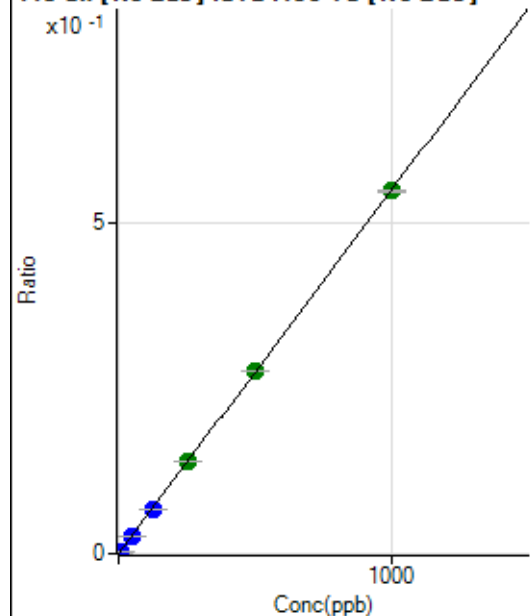
$$R = 1.0000$$

$$DL = 0.1654$$

$$BEC = 0.6837$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1386.25	0.0001	P	3.1
2	☐	0.500					
3	☐	5.000	4.592	31972.61	0.0026	P	0.9
4	☐	50.000	49.124	330681.52	0.0271	P	1.4
5	☐	125.000	123.504	831125.17	0.0680	P	0.2
6	☐	250.000	254.519	1712671.28	0.1401	A	0.7
7	☐	500.000	502.114	3348936.88	0.2762	A	0.8
8	☐	1000.000	998.046	6813303.45	0.5489	A	0.8
9	☐			13985.69	0.0012	P	4.0

$$y = 5.4983\text{E-}004 * x + 1.1670\text{E-}004$$

$$R = 1.0000$$

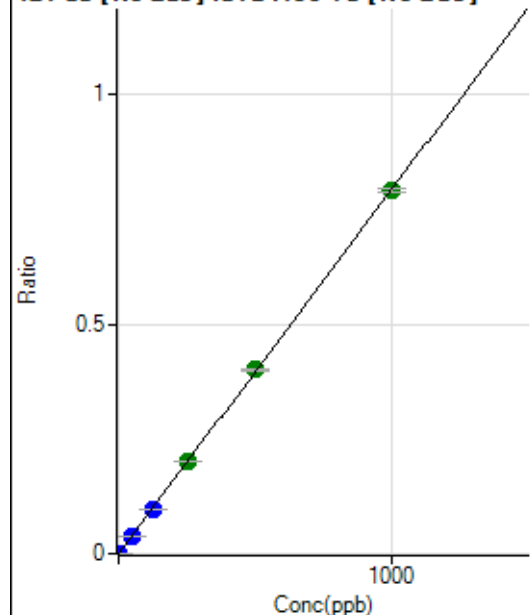
$$DL = 0.01998$$

$$BEC = 0.2123$$

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	252.79	0.0000	P	31.2
2	☐	0.200					
3	☐	2.000	1.823	17757.01	0.0015	P	0.8
4	☐	50.000	48.393	468134.24	0.0384	P	1.6
5	☐	125.000	123.019	1192323.87	0.0976	P	0.8
6	☐	250.000	253.190	2455742.63	0.2008	A	0.9
7	☐	500.000	505.391	4860277.63	0.4008	A	1.3
8	☐	1000.000	996.835	9814093.97	0.7906	A	1.0
9	☐			35810.39	0.0030	P	8.7

$$y = 7.9309\text{E-}004 * x + 2.1300\text{E-}005$$

$$R = 1.0000$$

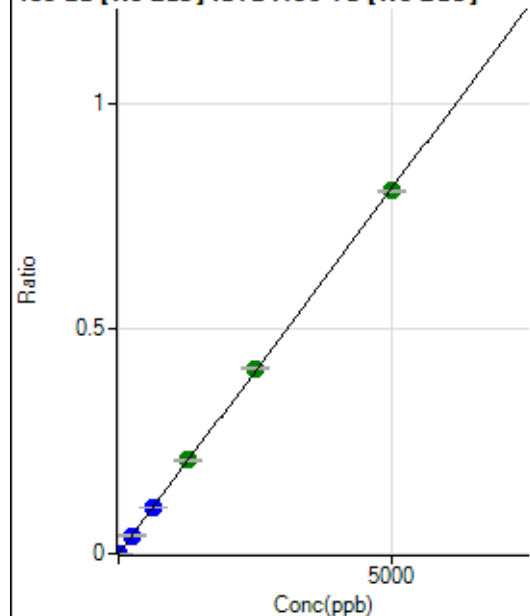
$$DL = 0.0251$$

$$BEC = 0.02686$$

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	47.23	0.0000	P	71.8
2	☐	1.000					
3	☐	10.000	9.309	18327.24	0.0015	P	3.1
4	☐	250.000	250.023	494637.22	0.0406	P	0.8
5	☐	625.000	625.777	1240713.06	0.1015	P	0.5
6	☐	1250.000	1281.224	2542267.52	0.2079	A	0.6
7	☐	2500.000	2540.636	4998781.19	0.4123	A	1.1
8	☐	5000.000	4971.779	10014572.97	0.8068	A	0.7
9	☐			3597.88	0.0003	P	1.5

$$y = 1.6227\text{E-}004 * x + 3.9900\text{E-}006$$

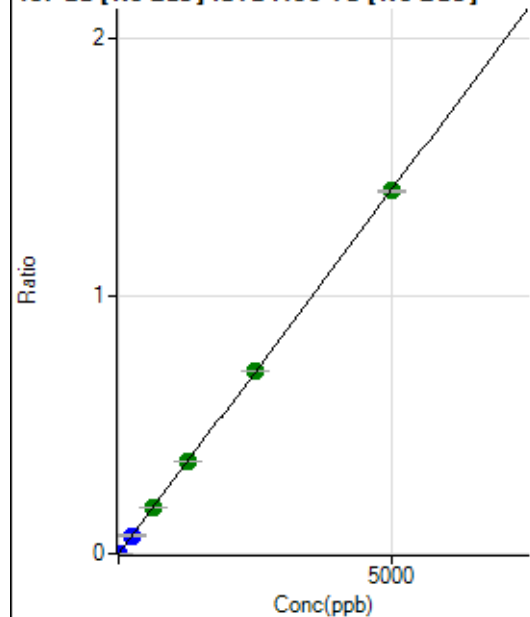
$$R = 0.9999$$

$$DL = 0.05293$$

$$BEC = 0.02459$$

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	122.23	0.0000	P	13.3
2	☐	1.000					
3	☐	10.000	9.305	31897.84	0.0026	P	3.2
4	☐	250.000	250.960	863344.15	0.0708	P	0.7
5	☐	625.000	640.671	2208747.97	0.1808	A	1.0
6	☐	1250.000	1264.411	4362599.97	0.3568	A	1.0
7	☐	2500.000	2512.938	8597533.61	0.7090	A	0.5
8	☐	5000.000	4987.923	17470218.27	1.4074	A	0.6
9	☐			6340.68	0.0005	P	4.5

$$y = 2.8215E-004 * x + 1.0281E-005$$

$$R = 1.0000$$

$$DL = 0.01452$$

$$BEC = 0.03644$$

Weight: <None>

Min Conc: 0

150 Nd [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.0
2	☐						
3	☐			8.89		P	114.5
4	☐			20.00		P	88.2
5	☐			57.78		P	52.0
6	☐			113.34		P	20.4
7	☐			180.01		P	19.6
8	☐			368.91		P	19.3
9	☐			104.45		P	36.3

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			1.11		P	173.2
5	☐			4.45		P	86.6
6	☐			2.22		P	86.6
7	☐			15.56		P	32.7
8	☐			4.44		P	43.4
9	☐			18.89		P	27.0

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	114.6
2	☐						
3	☐			19.44		P	49.5
4	☐			16.67		P	50.0
5	☐			33.33		P	25.0
6	☐			22.22		P	57.3
7	☐			38.89		P	32.7
8	☐			105.56		P	12.1
9	☐			91.67		P	9.1

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			3.33		P	100.1
6	☐			4.44		P	114.6
7	☐			8.89		P	21.6
8	☐			8.89		P	78.1
9	☐			16.67		P	40.0

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			86.11		P	14.8
2	☐						
3	☐			83.34		P	60.8
4	☐			91.67		P	9.1
5	☐			88.89		P	5.4
6	☐			83.34		P	26.5
7	☐			97.23		P	19.8
8	☐			122.23		P	30.7
9	☐			111.12		P	22.9

160 Gd [He] No available calibration points

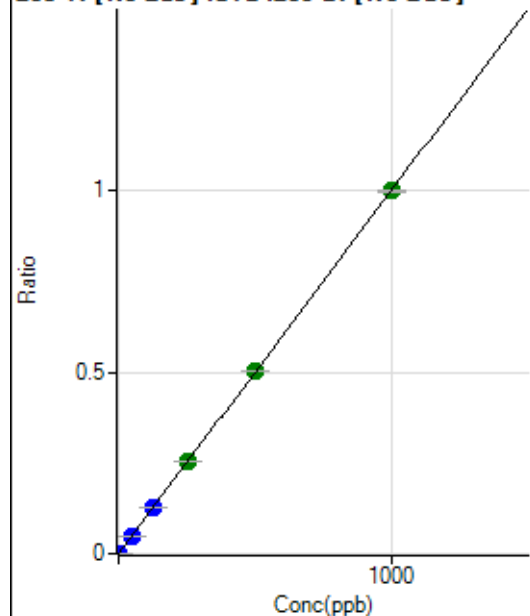
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	31.2
2	☐						
3	☐			17.78		P	28.6
4	☐			12.22		P	31.5
5	☐			18.89		P	27.0
6	☐			13.33		P	NaN
7	☐			18.89		P	36.7
8	☐			27.78		P	42.1
9	☐			22.22		P	31.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			27.78		P	17.3
2	☐						
3	☐			61.11		P	47.9
4	☐			38.89		P	12.4
5	☐			41.67		P	34.6
6	☐			80.56		P	52.1
7	☐			27.78		P	62.5
8	☐			86.12		P	24.4
9	☐			55.56		P	43.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.89		P	57.3
2	☐						
3	☐			10.00		P	33.3
4	☐			10.00		P	66.7
5	☐			5.56		P	34.7
6	☐			13.33		P	43.3
7	☐			12.22		P	63.0
8	☐			7.78		P	24.7
9	☐			15.56		P	53.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	275.02	0.0000	P	29.6
2	☐	0.100					
3	☐	1.000	0.965	7291.28	0.0010	P	5.7
4	☐	50.000	49.303	361683.87	0.0494	P	0.9
5	☐	125.000	125.734	910069.51	0.1258	P	1.9
6	☐	250.000	252.681	1813229.21	0.2529	A	0.3
7	☐	500.000	501.795	3505407.50	0.5021	A	0.5
8	☐	1000.000	998.375	6992834.88	0.9990	A	0.7
9	☐			3653.48	0.0006	P	5.5

$$y = 0.0010 * x + 3.8769E-005$$

$$R = 1.0000$$

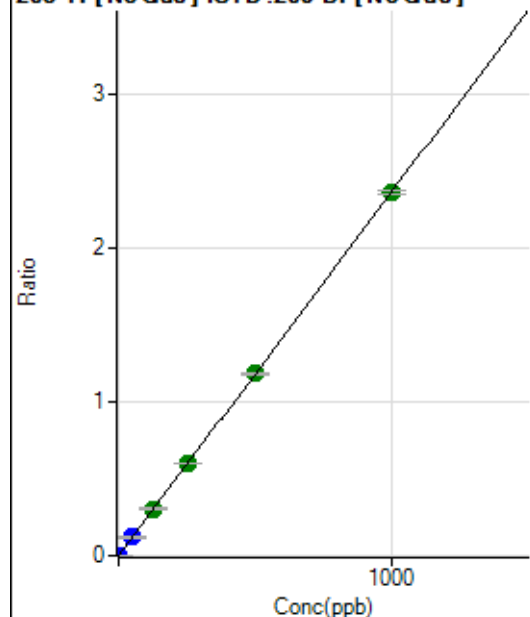
$$DL = 0.03438$$

$$BEC = 0.03874$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	594.49	0.0001	P	10.9
2	☐	0.100					
3	☐	1.000	0.944	16795.22	0.0023	P	1.2
4	☐	50.000	50.378	871856.07	0.1190	P	0.8
5	☐	125.000	129.133	2205135.10	0.3049	A	1.6
6	☐	250.000	253.611	4293645.11	0.5988	A	0.6
7	☐	500.000	501.179	8259926.23	1.1832	A	1.0
8	☐	1000.000	997.972	16491424.85	2.3560	A	0.9
9	☐			9148.16	0.0014	P	5.7

$$y = 0.0024 * x + 8.3763E-005$$

$$R = 1.0000$$

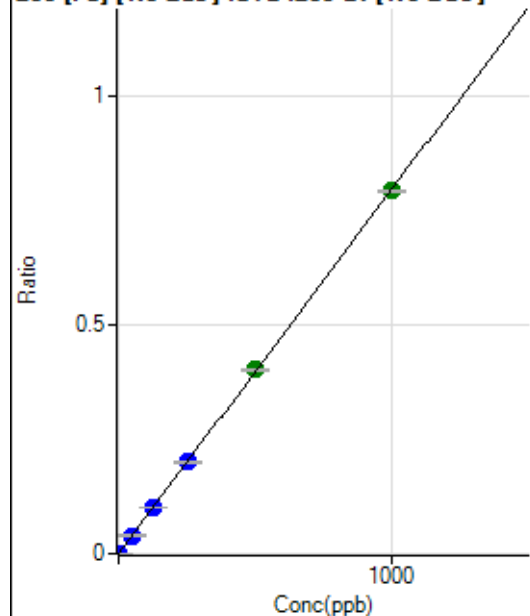
$$DL = 0.01163$$

$$BEC = 0.03548$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	403.73	0.0001	P	15.9
2	☐	0.100					
3	☐	1.000	0.959	5962.70	0.0008	P	2.8
4	☐	50.000	49.979	292185.14	0.0399	P	0.7
5	☐	125.000	126.957	732042.00	0.1012	P	1.5
6	☐	250.000	251.053	1434967.90	0.2001	P	0.9
7	☐	500.000	505.604	2813200.70	0.4030	A	0.7
8	☐	1000.000	996.691	5559968.35	0.7943	A	0.9
9	☐			10912.40	0.0017	P	3.0

$$y = 7.9689E-004 * x + 5.6876E-005$$

$$R = 1.0000$$

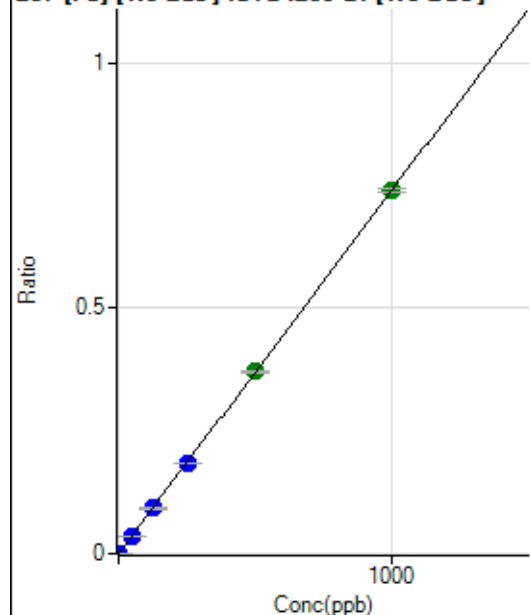
$$DL = 0.03404$$

$$BEC = 0.07137$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	368.54	0.0001	P	22.2
2	☐	0.100					
3	☐	1.000	0.953	5490.25	0.0008	P	2.0
4	☐	50.000	48.845	264990.58	0.0362	P	1.2
5	☐	125.000	124.516	666295.00	0.0921	P	0.8
6	☐	250.000	247.166	1310996.11	0.1828	P	0.3
7	☐	500.000	501.978	2591711.31	0.3713	A	1.1
8	☐	1000.000	999.838	5175723.09	0.7394	A	1.1
9	☐			9718.80	0.0015	P	2.2

$$y = 7.3950\text{E-}004 * x + 5.1912\text{E-}005$$

$$R = 1.0000$$

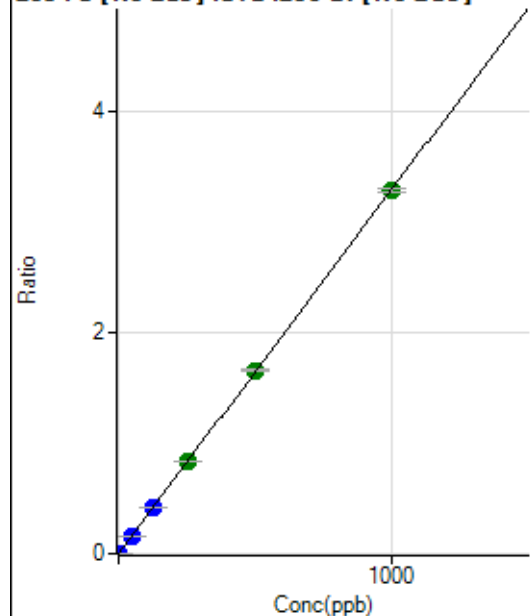
$$DL = 0.0467$$

$$BEC = 0.0702$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1551.95	0.0002	P	10.0
2	☐	0.100					
3	☐	1.000	0.958	24465.54	0.0034	P	1.2
4	☐	50.000	49.521	1195033.25	0.1631	P	0.7
5	☐	125.000	125.974	2998630.15	0.4146	P	1.0
6	☐	250.000	252.667	5961724.23	0.8314	A	0.5
7	☐	500.000	504.447	11586389.69	1.6597	A	0.5
8	☐	1000.000	997.012	22959707.92	3.2801	A	1.2
9	☐			43643.38	0.0067	P	0.9

$$y = 0.0033 * x + 2.1862\text{E-}004$$

$$R = 1.0000$$

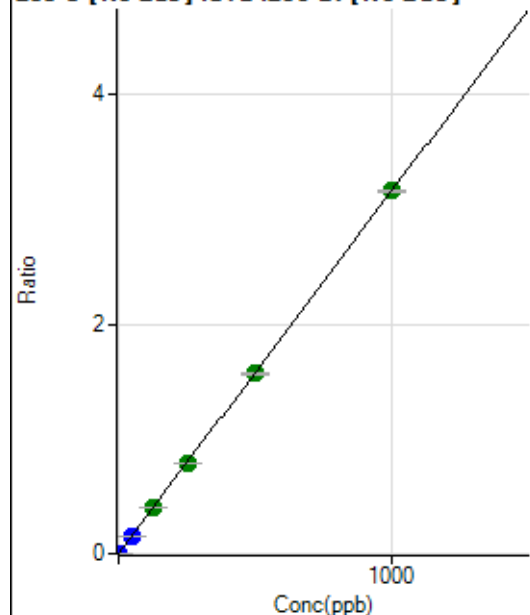
$$DL = 0.01999$$

$$BEC = 0.06646$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	350.02	0.0000	P	19.4
2	☐	0.100					
3	☐	1.000	0.928	21644.79	0.0030	P	1.2
4	☐	50.000	49.870	1154901.99	0.1577	P	0.9
5	☐	125.000	128.418	2935441.77	0.4059	A	0.3
6	☐	250.000	250.674	5680770.57	0.7922	A	0.8
7	☐	500.000	497.057	10966488.70	1.5709	A	0.6
8	☐	1000.000	1000.882	22141032.79	3.1631	A	0.4
9	☐			3636.84	0.0006	P	2.1

$$y = 0.0032 * x + 4.9302E-005$$

$$R = 1.0000$$

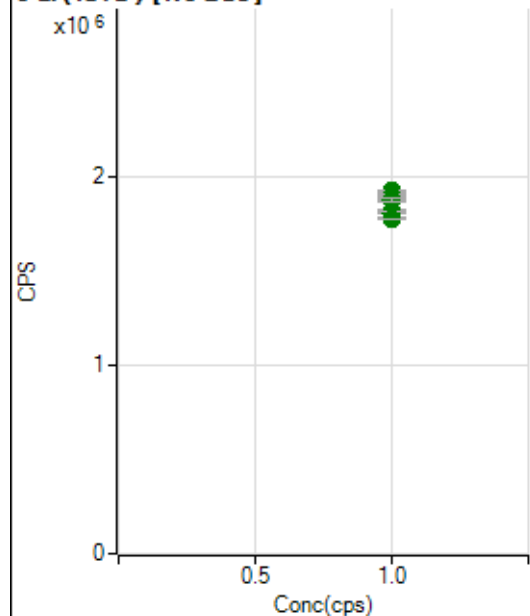
$$DL = 0.009061$$

$$BEC = 0.0156$$

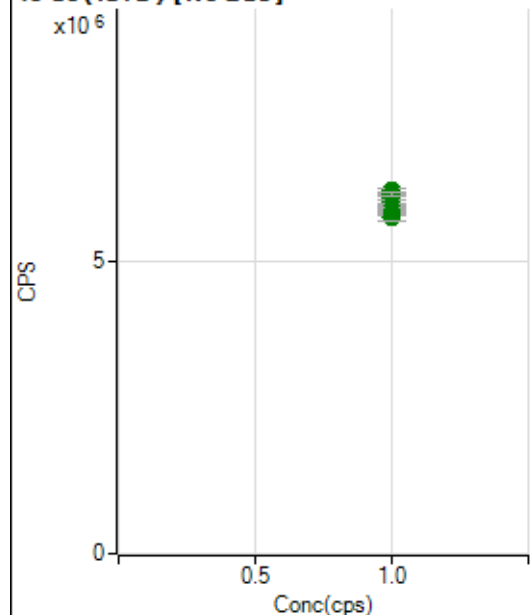
Weight: <None>

Min Conc: 0

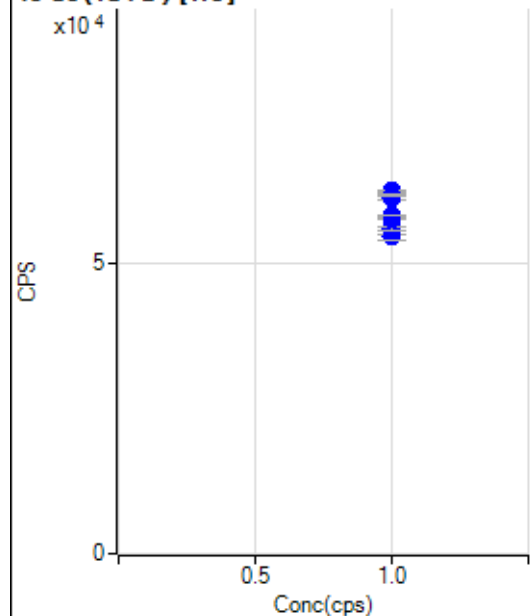
6 Li (ISTD) [No Gas]



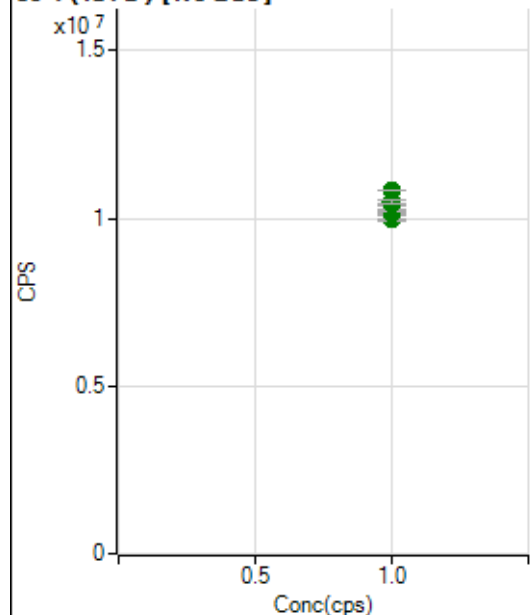
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1885164.61		A	0.6
2	☐	1.000					
3	☐	1.000		1918519.52		A	0.3
4	☐	1.000		1925358.25		A	0.4
5	☐	1.000		1900392.96		A	0.7
6	☐	1.000		1878528.55		A	1.2
7	☐	1.000		1816059.31		A	1.1
8	☐	1.000		1803626.43		A	1.8
9	☐	1.000		1776438.70		A	0.3

45 Sc (ISTD) [No Gas]

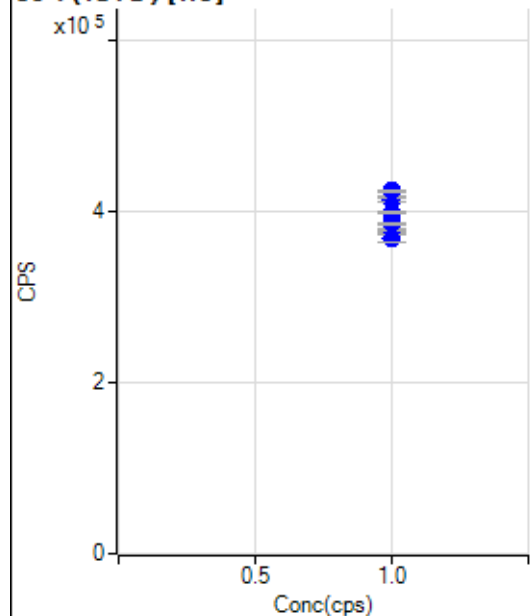
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5742294.57		A	1.4
2	☐	1.000					
3	☐	1.000		5847923.83		A	0.7
4	☐	1.000		5903193.06		A	0.4
5	☐	1.000		5934873.27		A	0.6
6	☐	1.000		6015552.65		A	0.7
7	☐	1.000		6098002.96		A	1.4
8	☐	1.000		6206658.21		A	1.0
9	☐	1.000		6159013.33		A	1.3

45 Sc (ISTD) [He]

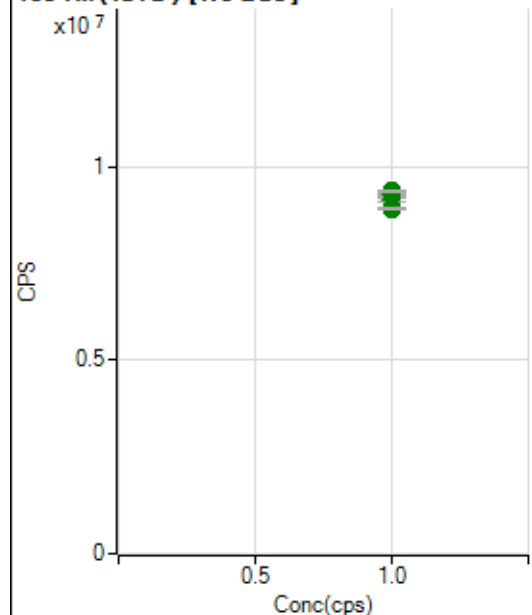
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		54592.73		P	2.2
2	☐	1.000					
3	☐	1.000		55679.97		P	0.5
4	☐	1.000		56075.83		P	1.2
5	☐	1.000		57748.17		P	0.5
6	☐	1.000		58354.01		P	0.2
7	☐	1.000		61422.44		P	0.9
8	☐	1.000		62541.91		P	0.6
9	☐	1.000		61788.47		P	0.8

89 Y (ISTD) [No Gas]

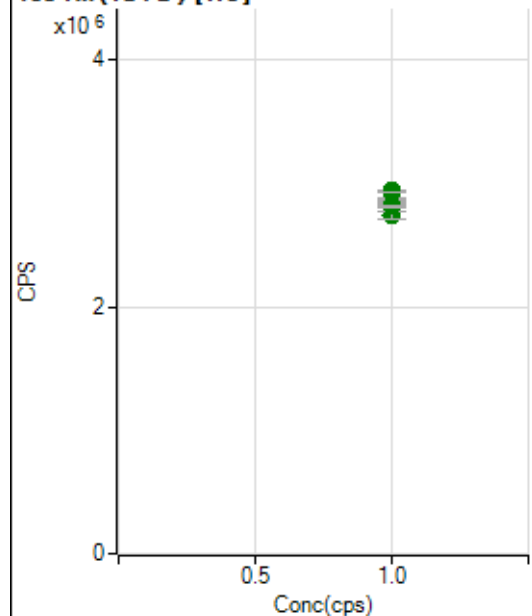
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9970579.64		A	0.5
2	☐	1.000					
3	☐	1.000		10126253.32		A	1.0
4	☐	1.000		10212810.54		A	0.4
5	☐	1.000		10221582.90		A	0.8
6	☐	1.000		10415942.97		A	0.4
7	☐	1.000		10498010.12		A	0.9
8	☐	1.000		10819364.98		A	0.1
9	☐	1.000		10505042.27		A	1.0

89 Y (ISTD) [He]

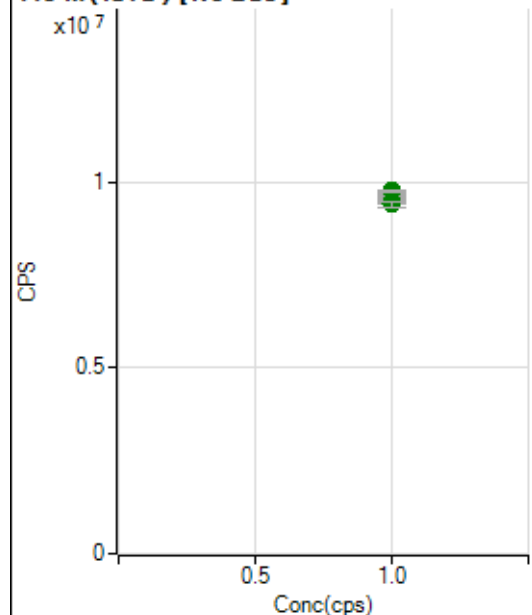
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		369198.05		P	3.2
2	☐	1.000					
3	☐	1.000		374085.24		P	0.6
4	☐	1.000		379274.02		P	0.6
5	☐	1.000		385503.00		P	0.6
6	☐	1.000		397880.76		P	0.6
7	☐	1.000		412926.28		P	0.6
8	☐	1.000		416536.34		P	0.9
9	☐	1.000		423581.21		P	0.4

103 Rh (ISTD) [No Gas]

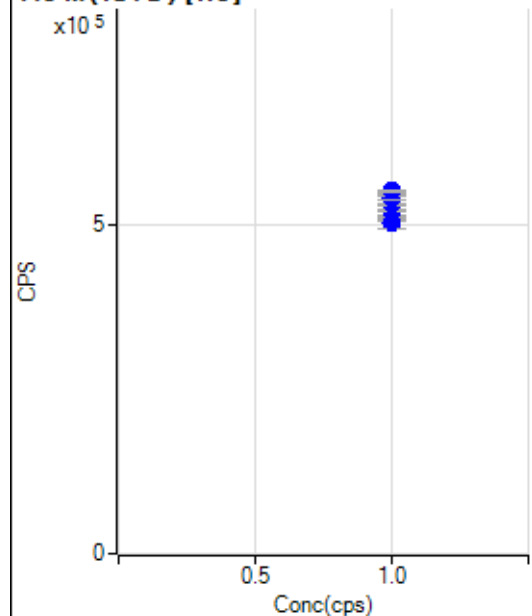
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9140379.63		A	1.0
2	☐	1.000					
3	☐	1.000		9329709.50		A	0.6
4	☐	1.000		9365173.38		A	0.3
5	☐	1.000		9226860.97		A	0.2
6	☐	1.000		9293763.49		A	0.2
7	☐	1.000		9304643.87		A	1.1
8	☐	1.000		9350250.64		A	0.2
9	☐	1.000		8907427.98		A	0.4

103 Rh (ISTD) [He]

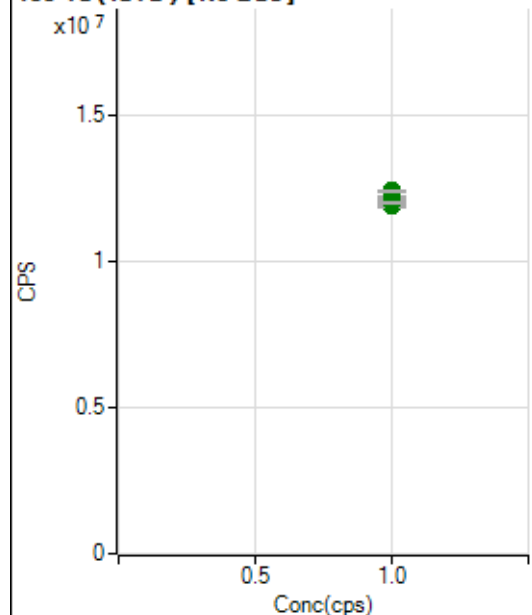
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2747397.04		A	2.4
2	☐	1.000					
3	☐	1.000		2826687.46		A	0.8
4	☐	1.000		2832429.19		A	0.4
5	☐	1.000		2853431.45		A	0.5
6	☐	1.000		2873428.29		A	0.7
7	☐	1.000		2939348.70		A	0.6
8	☐	1.000		2928014.30		A	0.2
9	☐	1.000		2816834.68		A	0.7

115 In (ISTD) [No Gas]

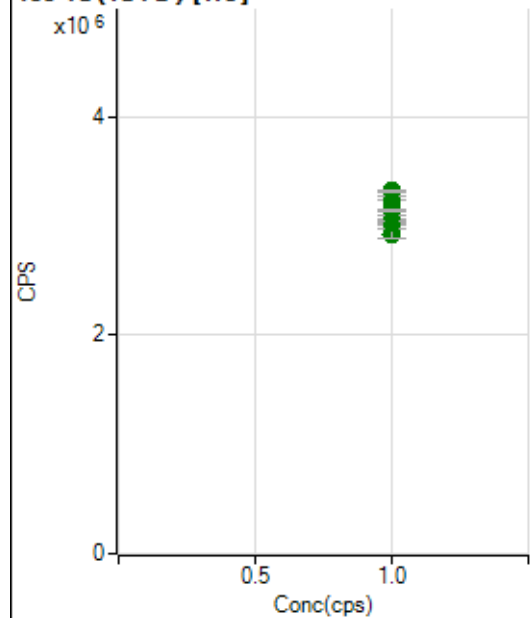
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9436503.77		A	0.8
2	☐	1.000					
3	☐	1.000		9572244.52		A	0.5
4	☐	1.000		9589972.93		A	0.5
5	☐	1.000		9608149.52		A	0.2
6	☐	1.000		9722667.30		A	0.4
7	☐	1.000		9662775.17		A	0.5
8	☐	1.000		9768068.51		A	0.4
9	☐	1.000		9407037.89		A	1.4

115 In (ISTD) [He]

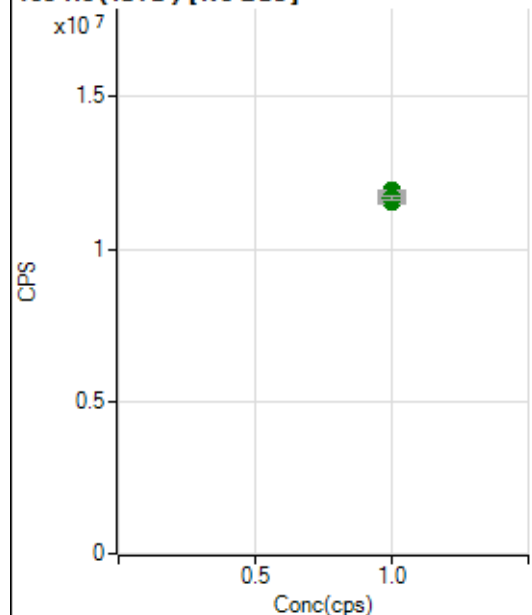
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		502305.66		P	3.0
2	☐	1.000					
3	☐	1.000		507257.07		P	0.2
4	☐	1.000		513443.82		P	0.6
5	☐	1.000		522046.33		P	0.7
6	☐	1.000		531755.61		P	0.4
7	☐	1.000		545732.70		P	0.2
8	☐	1.000		541922.19		P	0.7
9	☐	1.000		552445.32		P	0.5

159 Tb (ISTD) [No Gas]

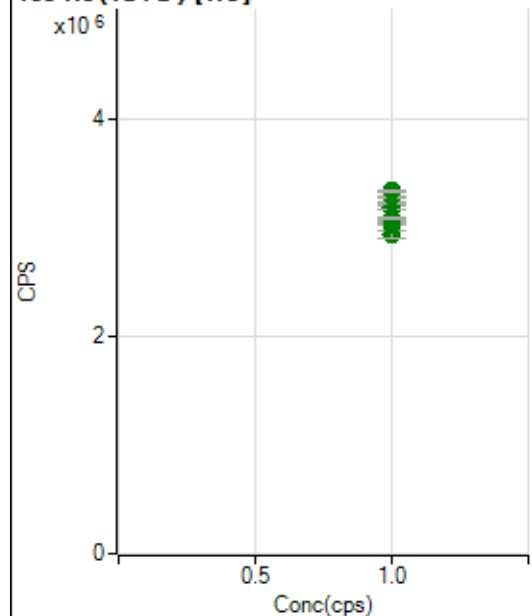
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11879100.66		A	0.9
2	☐	1.000					
3	☐	1.000		12102777.18		A	0.7
4	☐	1.000		12191146.62		A	0.6
5	☐	1.000		12218392.60		A	0.5
6	☐	1.000		12228196.76		A	0.1
7	☐	1.000		12125765.93		A	0.7
8	☐	1.000		12413497.31		A	0.3
9	☐	1.000		12027034.96		A	0.6

159 Tb (ISTD) [He]

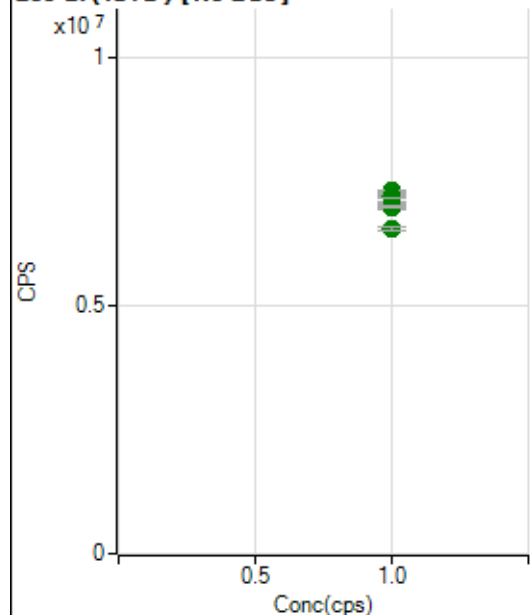
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2928129.99		A	3.2
2	☐	1.000					
3	☐	1.000		3021156.55		A	0.6
4	☐	1.000		3050097.87		A	0.6
5	☐	1.000		3099641.41		A	0.2
6	☐	1.000		3144895.37		A	0.4
7	☐	1.000		3237651.59		A	0.3
8	☐	1.000		3269284.08		A	0.3
9	☐	1.000		3320226.69		A	0.2

165 Ho (ISTD) [No Gas]

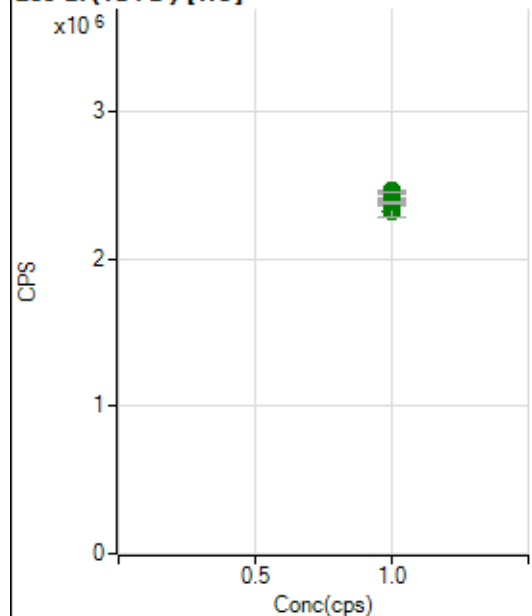
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11537758.07		A	0.3
2	☐	1.000					
3	☐	1.000		11740138.37		A	1.0
4	☐	1.000		11785326.91		A	0.5
5	☐	1.000		11821854.87		A	0.6
6	☐	1.000		11734400.44		A	0.1
7	☐	1.000		11669060.50		A	0.3
8	☐	1.000		11911850.70		A	0.3
9	☐	1.000		11678991.84		A	1.0

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2941983.95		A	2.3
2	☐	1.000					
3	☐	1.000		3032226.17		A	0.2
4	☐	1.000		3050250.13		A	0.7
5	☐	1.000		3084931.13		A	0.7
6	☐	1.000		3183855.23		A	1.0
7	☐	1.000		3230701.62		A	0.4
8	☐	1.000		3280486.62		A	0.5
9	☐	1.000		3336063.04		A	0.8

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7098541.21		A	0.4
2	☐	1.000					
3	☐	1.000		7260197.60		A	0.9
4	☐	1.000		7325862.39		A	0.5
5	☐	1.000		7232413.92		A	1.2
6	☐	1.000		7170533.71		A	0.1
7	☐	1.000		6981108.58		A	0.8
8	☐	1.000		6999877.81		A	0.6
9	☐	1.000		6556571.71		A	1.0

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2316783.75		A	3.4
2	☐	1.000					
3	☐	1.000		2398174.63		A	1.2
4	☐	1.000		2398745.40		A	0.6
5	☐	1.000		2409530.10		A	0.6
6	☐	1.000		2458898.51		A	0.3
7	☐	1.000		2447139.58		A	0.7
8	☐	1.000		2454621.84		A	0.1
9	☐	1.000		2383780.73		A	0.5

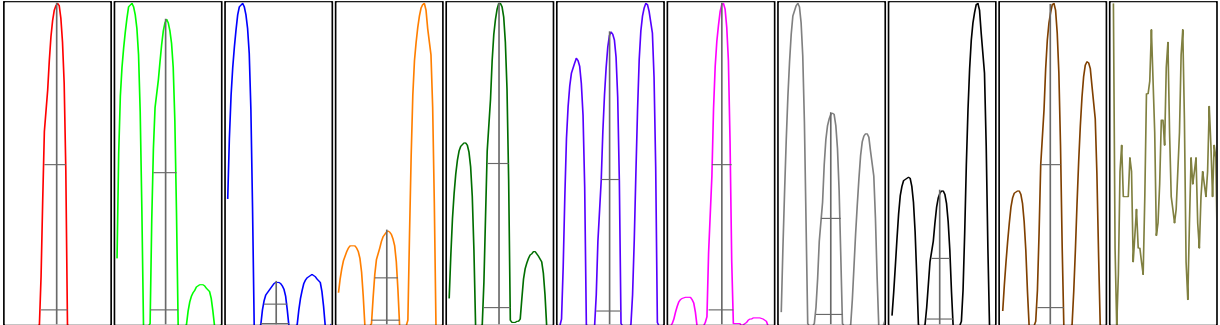
US EPA Tune Check Sample Report

Batch Folder D:\P8042618 MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8332	1.46	5.00	
24	55769	1.96	5.00	
25	7572	2.30	5.00	
26	8862	2.50	5.00	
59	89248	2.27	5.00	
113	11394	2.09	5.00	
115	141022	1.73	5.00	
206	31176	1.18	5.00	
207	28430	1.54	5.00	
208	67905	2.33	5.00	
220	1	8.16		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8448	8279	8335	8441	8157
24	56502	54175	57032	55498	55638
25	7645	7295	7710	7512	7701
26	8949	8523	9039	8757	9040
59	89029	87433	90245	87358	92176
113	11384	11553	11429	10999	11604
115	140525	144432	141860	137719	140574
206	30550	31439	31202	31240	31446
207	27753	28576	28246	28787	28786
208	65463	68469	67232	69303	69057
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	14187	9.00	8.9 - 9.1		0.779	0.900	
24	91954	23.95	23.9 - 24.1		0.786	0.900	
25	12406	24.95	24.9 - 25.1		0.786	0.900	
26	14548	25.95	25.9 - 26.1		0.785	0.900	
59	154033	59.00	58.9 - 59.1		0.775	0.900	
113	21757	113.00	112.9 - 113.1		0.722	0.900	
115	266350	115.05	114.9 - 115.1		0.734	0.900	
206	58467	206.00	205.9 - 206.1		0.764	0.900	
207	52920	206.95	206.9 - 207.1		0.772	0.900	
208	126368	207.95	207.9 - 208.1		0.767	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	8.9	V	Deflect	15.0	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-100	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	11952	2.74	
89	3537	2.15	
205	16941	2.12	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	11367	12114	12115	12062	12101
89	3403	3566	3585	3556	3576
205	16303	17083	17091	17156	17074

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	8.9	V	Deflect	2.6	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-100	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 : LB94934 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:16:33 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.99	-0.94	0.00	N/A	ppb
Antimony	121-1	0.00	-0.01	0.01	0.00	N/A	ppb
Arsenic	75-2	-0.02	-0.01	0.03	0.00	N/A	ppb
Barium	135-1	-0.02	0.00	0.02	0.00	N/A	ppb
Barium	137-1	0.01	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.09	-0.06	-0.02	0.00	N/A	ppb
Boron	11-1	0.08	-0.04	-0.04	0.00	N/A	ppb
Cadmium	111-1	0.03	0.03	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.46	0.38	-0.84	0.00	N/A	ppb
Cadmium	108-1	-0.05	-0.02	0.07	0.00	N/A	ppb
Calcium	43-1	-1.06	1.67	-0.61	0.00	N/A	ppb
Calcium	44-1	-0.70	-1.87	2.58	0.00	N/A	ppb
Chromium	52-2	-0.05	0.06	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	-0.04	0.01	0.03	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.06	-0.10	0.03	0.00	N/A	ppb
Iron	57-2	-1.15	0.69	0.46	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.01	0.00	N/A	ppb
Lead	207-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Lead	208-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.14	-0.23	0.09	0.00	N/A	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:16:33	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	-0.02	0.04	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	-0.01	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	-7.56	7.69	-6.90	-2.25		ppb
Potassium	39-2	-2.47	-2.41	4.88	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.52	1.17	1.35	0.00	N/A	ppb
Selenium	78-2	0.19	0.20	-0.39	0.00	N/A	ppb
Selenium	82-1	0.30	-0.17	-0.13	0.00	N/A	ppb
Silicon	28-1	-1.38	-0.19	1.57	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	-1.59	-1.09	2.68	0.00	N/A	ppb
Strontium	86-1	0.01	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	-186.53	-205.08	264.57	-42.35		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	-0.02	0.05	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.01	0.01	0.00	0.00	N/A	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:16:33	DataFile Name :	003CALB.d

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

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.56	15.55	20.52	15.88	28.25	ppb
Antimony	121-1	1.84	1.81	1.83	1.82	0.77	ppb
Arsenic	75-2	1.19	1.08	0.81	1.03	19.02	ppb
Barium	135-1	9.05	9.25	9.63	9.31	3.15	ppb
Barium	137-1	9.12	9.65	9.14	9.30	3.23	ppb
Beryllium	9-1	0.99	0.92	1.03	0.98	5.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	21.77	21.21	21.15	21.38	1.61	ppb
Boron	11-1	21.26	21.98	23.01	22.08	3.97	ppb
Cadmium	111-1	0.90	0.94	0.82	0.89	6.57	ppb
Cadmium	106-1	0.39	0.77	0.14	0.43	73.93	ppb
Cadmium	108-1	0.92	1.10	1.11	1.04	9.88	ppb
Calcium	43-1	476.72	432.21	449.89	452.94	4.95	ppb
Calcium	44-1	451.58	451.67	451.69	451.65	0.01	ppb
Chromium	52-2	2.18	2.13	1.96	2.09	5.65	ppb
Cobalt	59-2	0.97	0.98	0.98	0.98	0.76	ppb
Copper	63-2	2.06	2.16	1.95	2.06	5.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	49.07	49.11	49.43	49.20	0.40	ppb
Iron	57-2	46.72	44.63	47.80	46.38	3.48	ppb
Krypton	83-1						cps
Lead	206-1	0.99	0.93	0.96	0.96	2.99	ppb
Lead	207-1	0.97	0.96	0.93	0.95	2.11	ppb
Lead	208-1	0.95	0.97	0.95	0.96	1.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	508.75	501.52	497.32	502.53	1.15	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.20	1.01	0.97	1.06	11.44	ppb
Molybdenum	94-1	4.63	4.53	4.59	4.58	1.14	ppb
Molybdenum	95-1	4.72	4.67	4.70	4.69	0.54	ppb
Molybdenum	96-1	4.75	4.78	4.79	4.77	0.45	ppb
Molybdenum	97-1	4.63	4.75	4.61	4.66	1.66	ppb
Molybdenum	98-1	4.66	4.83	4.97	4.82	3.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.14	1.10	1.12	1.96	ppb
Phosphorus	31-2	7.00	-7.53	7.29	2.25	375.96	ppb
Potassium	39-2	467.97	479.70	454.24	467.31	2.73	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	15.85	4.84	8.62	9.77	57.27	ppb
Selenium	78-2	1.94	7.20	3.15	4.10	67.20	ppb
Selenium	82-1	5.19	5.52	4.83	5.18	6.68	ppb
Silicon	28-1	16.80	16.12	15.14	16.02	5.22	ppb
Silver	109-1	0.97	0.94	1.03	0.98	4.45	ppb
Silver	107-1	0.95	0.94	0.95	0.95	0.80	ppb
Sodium	23-2	513.23	513.93	499.30	508.82	1.62	ppb
Strontium	86-1	0.99	1.05	1.00	1.01	3.16	ppb
Strontium	88-1	0.98	0.99	0.96	0.97	1.32	ppb
Sulfur	34-1	93.85	186.81	-153.62	42.35	415.52	ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.99	0.90	1.00	0.96	5.96	ppb
Thallium	205-1	0.93	0.96	0.94	0.94	1.28	ppb
Tin	118-1	4.59	4.64	4.55	4.59	0.90	ppb
Titanium	47-1	4.62	4.72	4.77	4.70	1.55	ppb
Uranium	238-1	0.92	0.94	0.93	0.93	1.26	ppb
Vanadium	51-2	4.80	4.82	4.49	4.71	3.95	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	2.11	2.38	2.15	2.21	6.62	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.87	0.86	0.85	0.86	0.97	ppb
Zirconium	91-1	0.84	0.81	0.89	0.85	4.82	ppb

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:27:40 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1028.66	1020.88	968.06	1005.87	3.28	ppb
Antimony	121-1	47.50	48.90	48.79	48.39	1.61	ppb
Arsenic	75-2	50.05	50.54	48.67	49.75	1.95	ppb
Barium	135-1	248.04	250.17	251.85	250.02	0.76	ppb
Barium	137-1	249.49	253.02	250.37	250.96	0.73	ppb
Beryllium	9-1	49.20	50.81	50.47	50.16	1.69	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	46.50	48.29	51.60	48.80	5.30	ppb
Boron	11-1	48.10	49.26	50.27	49.21	2.20	ppb
Cadmium	111-1	49.59	50.29	50.24	50.04	0.78	ppb
Cadmium	106-1	50.43	47.68	48.70	48.94	2.85	ppb
Cadmium	108-1	50.78	51.18	50.21	50.72	0.96	ppb
Calcium	43-1	4930.84	4854.86	4866.66	4884.12	0.84	ppb
Calcium	44-1	4970.25	4943.99	4957.54	4957.26	0.26	ppb
Chromium	52-2	52.89	53.40	51.00	52.43	2.41	ppb
Cobalt	59-2	53.48	53.46	52.21	53.05	1.37	ppb
Copper	63-2	108.56	110.13	106.80	108.50	1.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				102		%
Iron	56-2	2643.64	2691.43	2623.96	2653.01	1.31	ppb
Iron	57-2	2623.59	2647.54	2524.25	2598.46	2.52	ppb
Krypton	83-1						cps
Lead	206-1	50.08	49.59	50.27	49.98	0.70	ppb
Lead	207-1	49.06	48.20	49.28	48.85	1.18	ppb
Lead	208-1	49.75	49.10	49.71	49.52	0.74	ppb
Lithium	6-1				102		%
Magnesium	24-2	5559.21	5536.03	5499.71	5531.65	0.54	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:27:40	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.00	105.60	102.12	104.24	1.78	ppb
Molybdenum	94-1	249.53	253.93	254.30	252.59	1.05	ppb
Molybdenum	95-1	251.10	254.44	253.49	253.01	0.68	ppb
Molybdenum	96-1	249.57	251.74	255.04	252.12	1.09	ppb
Molybdenum	97-1	250.31	250.22	251.99	250.84	0.40	ppb
Molybdenum	98-1	254.71	254.96	258.69	256.12	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.06	56.23	53.83	55.04	2.18	ppb
Phosphorus	31-2	897.31	818.46	769.83	828.53	7.76	ppb
Potassium	39-2	2503.26	2577.05	2540.02	2540.11	1.45	ppb
Rhodium	103-1				102		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				103		%
Selenium	77-2	70.72	62.81	26.46	53.33	44.27	ppb
Selenium	78-2	53.67	38.79	39.28	43.92	19.25	ppb
Selenium	82-1	52.58	50.64	51.58	51.60	1.88	ppb
Silicon	28-1	65.78	66.10	65.50	65.79	0.46	ppb
Silver	109-1	50.30	50.85	49.77	50.31	1.08	ppb
Silver	107-1	49.43	50.41	50.45	50.10	1.15	ppb
Sodium	23-2	5420.59	5476.09	5348.56	5415.08	1.18	ppb
Strontium	86-1	49.88	50.21	50.81	50.30	0.94	ppb
Strontium	88-1	50.48	50.44	50.71	50.55	0.29	ppb
Sulfur	34-1	1190.18	1152.95	1034.86	1126.00	7.20	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	49.72	48.81	49.38	49.30	0.93	ppb
Thallium	205-1	50.63	49.92	50.59	50.38	0.79	ppb
Tin	118-1	48.43	49.84	49.10	49.12	1.43	ppb
Titanium	47-1	252.68	251.97	250.05	251.57	0.54	ppb
Uranium	238-1	50.19	49.39	50.04	49.87	0.85	ppb
Vanadium	51-2	52.47	53.13	51.88	52.49	1.19	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	108.48	107.90	106.35	107.58	1.02	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:27:40	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.39	49.73	49.89	49.67	0.51	ppb
Zirconium	91-1	48.70	48.87	49.44	49.00	0.80	ppb

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:31:21 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2565.67	2537.73	2470.91	2524.77	1.93	ppb
Antimony	121-1	124.14	122.58	122.34	123.02	0.79	ppb
Arsenic	75-2	128.65	127.00	127.17	127.61	0.71	ppb
Barium	135-1	629.06	625.27	623.00	625.78	0.49	ppb
Barium	137-1	647.59	639.66	634.77	640.67	1.01	ppb
Beryllium	9-1	127.00	127.07	124.31	126.12	1.25	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	121.03	126.63	125.67	124.44	2.41	ppb
Boron	11-1	121.92	122.04	123.98	122.65	0.94	ppb
Cadmium	111-1	124.22	124.01	124.09	124.11	0.09	ppb
Cadmium	106-1	133.24	128.18	123.91	128.44	3.64	ppb
Cadmium	108-1	130.44	123.86	122.92	125.74	3.26	ppb
Calcium	43-1	12170.85	12207.00	12060.62	12146.15	0.63	ppb
Calcium	44-1	12215.69	12183.34	12234.30	12211.11	0.21	ppb
Chromium	52-2	130.14	131.12	131.07	130.78	0.42	ppb
Cobalt	59-2	131.20	129.82	130.29	130.43	0.54	ppb
Copper	63-2	267.53	268.10	265.29	266.97	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				102		%
Holmium	165-2				105		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	6460.06	6447.36	6447.15	6451.52	0.11	ppb
Iron	57-2	6531.67	6318.67	6542.94	6464.42	1.95	ppb
Krypton	83-1						cps
Lead	206-1	127.88	128.23	124.76	126.96	1.50	ppb
Lead	207-1	125.18	125.04	123.34	124.52	0.82	ppb
Lead	208-1	126.81	126.54	124.58	125.97	0.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	13687.35	13542.49	13552.69	13594.18	0.59	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.10	261.10	255.74	258.65	1.05	ppb
Molybdenum	94-1	651.29	649.00	634.81	645.03	1.38	ppb
Molybdenum	95-1	649.21	644.68	642.97	645.62	0.50	ppb
Molybdenum	96-1	652.64	656.80	636.49	648.64	1.65	ppb
Molybdenum	97-1	662.28	646.91	641.80	650.33	1.64	ppb
Molybdenum	98-1	650.32	646.02	634.01	643.45	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.80	134.29	133.55	134.55	0.85	ppb
Phosphorus	31-2	2594.79	2572.28	2595.97	2587.68	0.52	ppb
Potassium	39-2	6337.88	6197.09	6398.69	6311.22	1.64	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				103		%
Scandium	45-2				106		%
Selenium	77-2	134.06	173.43	121.82	143.10	18.85	ppb
Selenium	78-2	138.25	129.00	130.44	132.56	3.76	ppb
Selenium	82-1	129.31	130.14	128.35	129.27	0.69	ppb
Silicon	28-1	166.55	133.81	133.45	144.60	13.15	ppb
Silver	109-1	126.68	124.35	125.71	125.58	0.93	ppb
Silver	107-1	125.84	125.27	125.10	125.40	0.31	ppb
Sodium	23-2	13513.88	13543.37	13499.38	13518.88	0.17	ppb
Strontium	86-1	126.01	125.55	124.46	125.34	0.64	ppb
Strontium	88-1	131.20	131.31	128.41	130.31	1.26	ppb
Sulfur	34-1	3175.68	2939.99	2909.91	3008.53	4.84	ppb
Terbium	159-1				103		%
Terbium	159-2				106		%
Thallium	203-1	127.36	126.78	123.06	125.73	1.86	ppb
Thallium	205-1	129.77	130.74	126.89	129.13	1.55	ppb
Tin	118-1	123.82	123.28	123.41	123.50	0.23	ppb
Titanium	47-1	631.86	632.71	631.47	632.01	0.10	ppb
Uranium	238-1	128.63	128.59	128.03	128.42	0.26	ppb
Vanadium	51-2	131.13	129.65	130.10	130.29	0.58	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%
Zinc	66-2	262.71	263.17	262.57	262.82	0.12	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:31:21	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	130.90	129.53	127.90	129.44	1.16	ppb
Zirconium	91-1	125.72	127.29	124.58	125.86	1.08	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5013.34	4999.84	4931.29	4981.49	0.88	ppb
Antimony	121-1	255.68	251.25	252.65	253.19	0.89	ppb
Arsenic	75-2	251.24	251.88	252.89	252.00	0.33	ppb
Barium	135-1	1284.77	1286.40	1272.50	1281.22	0.59	ppb
Barium	137-1	1254.62	1278.87	1259.75	1264.41	1.01	ppb
Beryllium	9-1	246.77	246.57	251.26	248.20	1.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				106		%
Boron	10-1	238.73	247.76	249.18	245.22	2.31	ppb
Boron	11-1	239.01	246.18	258.22	247.80	3.92	ppb
Cadmium	111-1	247.24	246.04	248.04	247.10	0.41	ppb
Cadmium	106-1	245.99	249.38	243.26	246.21	1.25	ppb
Cadmium	108-1	251.43	250.67	252.49	251.53	0.36	ppb
Calcium	43-1	24457.31	24140.93	23952.78	24183.68	1.05	ppb
Calcium	44-1	24351.87	23981.23	23845.80	24059.63	1.09	ppb
Chromium	52-2	260.04	258.49	259.78	259.44	0.32	ppb
Cobalt	59-2	258.02	261.30	260.16	259.83	0.64	ppb
Copper	63-2	528.25	524.71	524.71	525.89	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				102		%
Holmium	165-2				108		%
Indium	115-1				103		%
Indium	115-2				106		%
Iron	56-2	12932.63	12844.26	12764.17	12847.02	0.66	ppb
Iron	57-2	12905.54	12951.57	12814.78	12890.63	0.54	ppb
Krypton	83-1						cps
Lead	206-1	250.72	253.44	248.99	251.05	0.89	ppb
Lead	207-1	247.94	246.64	246.93	247.17	0.28	ppb
Lead	208-1	254.17	252.06	251.76	252.67	0.52	ppb
Lithium	6-1				100		%
Magnesium	24-2	26908.38	26897.36	26672.12	26825.95	0.50	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	515.71	517.73	514.46	515.96	0.32	ppb
Molybdenum	94-1	1265.86	1256.87	1267.65	1263.46	0.46	ppb
Molybdenum	95-1	1259.47	1253.88	1257.64	1257.00	0.23	ppb
Molybdenum	96-1	1267.08	1256.95	1249.34	1257.79	0.71	ppb
Molybdenum	97-1	1271.74	1281.80	1271.69	1275.08	0.46	ppb
Molybdenum	98-1	1254.15	1262.13	1261.74	1259.34	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	266.08	265.72	266.28	266.03	0.11	ppb
Phosphorus	31-2	4999.71	5626.48	5490.70	5372.30	6.14	ppb
Potassium	39-2	12438.33	12754.08	12614.06	12602.16	1.26	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	224.23	297.31	250.70	257.41	14.37	ppb
Selenium	78-2	244.92	234.84	236.93	238.90	2.23	ppb
Selenium	82-1	256.84	253.30	254.88	255.01	0.70	ppb
Silicon	28-1	285.17	283.77	287.84	285.59	0.73	ppb
Silver	109-1	258.63	255.87	258.40	257.63	0.59	ppb
Silver	107-1	257.50	251.50	254.43	254.48	1.18	ppb
Sodium	23-2	26736.09	27034.19	26639.73	26803.34	0.77	ppb
Strontium	86-1	251.72	249.13	249.96	250.27	0.53	ppb
Strontium	88-1	255.56	251.09	250.25	252.30	1.13	ppb
Sulfur	34-1	6197.18	5896.07	6016.50	6036.58	2.51	ppb
Terbium	159-1				103		%
Terbium	159-2				107		%
Thallium	203-1	253.68	252.02	252.34	252.68	0.35	ppb
Thallium	205-1	253.78	254.97	252.09	253.61	0.57	ppb
Tin	118-1	256.73	253.40	253.44	254.52	0.75	ppb
Titanium	47-1	1268.04	1280.25	1249.27	1265.85	1.23	ppb
Uranium	238-1	252.80	250.12	249.10	250.67	0.76	ppb
Vanadium	51-2	258.41	258.13	259.79	258.78	0.34	ppb
Yttrium	89-1				104		%
Yttrium	89-2				108		%
Zinc	66-2	532.53	522.44	523.56	526.18	1.05	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	253.33	250.93	250.29	251.51	0.64	ppb
Zirconium	91-1	249.75	247.92	249.16	248.94	0.37	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9631.37	9594.56	9737.33	9654.42	0.77	ppb
Antimony	121-1	497.94	509.86	508.37	505.39	1.29	ppb
Arsenic	75-2	502.45	496.13	500.88	499.82	0.66	ppb
Barium	135-1	2508.96	2564.88	2548.07	2540.64	1.13	ppb
Barium	137-1	2500.75	2514.14	2523.92	2512.94	0.46	ppb
Beryllium	9-1	496.54	497.16	504.74	499.48	0.91	ppb
Bismuth	209-1				98		%
Bismuth	209-2				106		%
Boron	10-1	495.71	502.87	519.85	506.14	2.45	ppb
Boron	11-1	493.84	500.41	512.82	502.35	1.92	ppb
Cadmium	111-1	491.87	504.36	504.00	500.08	1.42	ppb
Cadmium	106-1	506.43	508.28	510.91	508.54	0.44	ppb
Cadmium	108-1	506.18	507.09	509.73	507.67	0.36	ppb
Calcium	43-1	49098.77	48138.05	48114.20	48450.34	1.16	ppb
Calcium	44-1	49168.55	47619.69	48066.40	48284.88	1.65	ppb
Chromium	52-2	510.81	506.07	508.24	508.37	0.47	ppb
Cobalt	59-2	501.46	498.58	500.88	500.31	0.30	ppb
Copper	63-2	1028.65	1018.49	1030.29	1025.81	0.62	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				101		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				109		%
Iron	56-2	24948.59	24844.04	24880.81	24891.15	0.21	ppb
Iron	57-2	25009.20	25038.95	24801.35	24949.83	0.52	ppb
Krypton	83-1						cps
Lead	206-1	503.21	509.86	503.74	505.60	0.73	ppb
Lead	207-1	499.75	497.77	508.42	501.98	1.13	ppb
Lead	208-1	501.86	504.97	506.51	504.45	0.47	ppb
Lithium	6-1				96		%
Magnesium	24-2	52652.37	52616.51	52492.05	52586.98	0.16	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.45	1012.24	1020.39	1017.36	0.44	ppb
Molybdenum	94-1	2503.93	2469.32	2516.30	2496.52	0.98	ppb
Molybdenum	95-1	2536.23	2486.63	2489.66	2504.17	1.11	ppb
Molybdenum	96-1	2532.08	2470.70	2544.58	2515.78	1.57	ppb
Molybdenum	97-1	2522.93	2475.64	2525.18	2507.92	1.12	ppb
Molybdenum	98-1	2537.42	2489.29	2517.71	2514.81	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.57	510.62	509.58	510.59	0.19	ppb
Phosphorus	31-2	10458.25	9683.10	9385.34	9842.23	5.63	ppb
Potassium	39-2	24601.18	24733.24	24553.75	24629.39	0.38	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				106		%
Scandium	45-2				113		%
Selenium	77-2	455.09	509.22	488.02	484.11	5.63	ppb
Selenium	78-2	519.31	516.55	509.19	515.01	1.02	ppb
Selenium	82-1	502.82	502.98	510.06	505.29	0.82	ppb
Silicon	28-1	547.37	522.92	534.27	534.85	2.29	ppb
Silver	109-1	499.68	510.43	514.03	508.04	1.47	ppb
Silver	107-1	506.60	512.72	512.90	510.74	0.70	ppb
Sodium	23-2	51081.56	50467.38	50506.46	50685.13	0.68	ppb
Strontium	86-1	502.70	497.83	503.29	501.27	0.60	ppb
Strontium	88-1	502.98	501.42	510.97	505.12	1.01	ppb
Sulfur	34-1	12989.21	11872.96	12086.65	12316.27	4.81	ppb
Terbium	159-1				102		%
Terbium	159-2				111		%
Thallium	203-1	499.78	501.26	504.34	501.80	0.46	ppb
Thallium	205-1	500.81	496.33	506.40	501.18	1.01	ppb
Tin	118-1	497.28	504.42	504.65	502.11	0.83	ppb
Titanium	47-1	2536.00	2516.34	2515.62	2522.65	0.46	ppb
Uranium	238-1	494.76	500.53	495.88	497.06	0.62	ppb
Vanadium	51-2	504.36	503.72	504.47	504.18	0.08	ppb
Yttrium	89-1				105		%
Yttrium	89-2				112		%
Zinc	66-2	1029.99	1011.98	1021.43	1021.13	0.88	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.69	496.12	506.25	501.35	1.01	ppb
Zirconium	91-1	514.67	504.17	505.82	508.22	1.11	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18787.48	18478.12	18432.17	18565.92	1.04	ppb
Antimony	121-1	1001.74	1003.48	985.28	996.84	1.01	ppb
Arsenic	75-2	992.90	997.96	1006.96	999.28	0.71	ppb
Barium	135-1	4987.33	4994.08	4933.92	4971.78	0.66	ppb
Barium	137-1	5012.98	4993.71	4957.08	4987.92	0.57	ppb
Beryllium	9-1	1009.12	965.40	1027.15	1000.56	3.17	ppb
Bismuth	209-1				99		%
Bismuth	209-2				106		%
Boron	10-1	987.51	984.76	1022.76	998.34	2.12	ppb
Boron	11-1	993.46	980.19	1025.68	999.78	2.34	ppb
Cadmium	111-1	998.44	1008.41	995.53	1000.80	0.67	ppb
Cadmium	106-1	997.26	994.20	997.44	996.30	0.18	ppb
Cadmium	108-1	1007.19	989.62	990.15	995.65	1.00	ppb
Calcium	43-1	97907.55	95457.11	98540.94	97301.87	1.67	ppb
Calcium	44-1	96582.73	95385.11	96861.22	96276.35	0.81	ppb
Chromium	52-2	991.44	983.94	1002.45	992.61	0.94	ppb
Cobalt	59-2	1000.22	989.68	999.77	996.56	0.60	ppb
Copper	63-2	1988.56	1960.42	1985.25	1978.08	0.78	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				103		%
Holmium	165-2				112		%
Indium	115-1				104		%
Indium	115-2				108		%
Iron	56-2	48954.57	48597.73	49068.78	48873.69	0.50	ppb
Iron	57-2	49245.98	48706.73	49246.51	49066.41	0.63	ppb
Krypton	83-1						cps
Lead	206-1	1004.18	998.53	987.37	996.69	0.86	ppb
Lead	207-1	1012.94	992.22	994.35	999.84	1.14	ppb
Lead	208-1	1006.46	1000.61	983.96	997.01	1.17	ppb
Lithium	6-1				96		%
Magnesium	24-2	100812.98	98333.92	99687.94	99611.62	1.25	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1996.45	1981.17	1980.50	1986.04	0.45	ppb
Molybdenum	94-1	4990.70	4972.78	5023.75	4995.74	0.52	ppb
Molybdenum	95-1	4990.83	4960.32	5029.16	4993.44	0.69	ppb
Molybdenum	96-1	4958.95	4999.04	5003.31	4987.10	0.49	ppb
Molybdenum	97-1	4961.53	4989.78	5008.39	4986.57	0.47	ppb
Molybdenum	98-1	4974.87	4975.93	5012.15	4987.65	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	994.57	980.55	992.64	989.25	0.77	ppb
Phosphorus	31-2	19873.68	20014.94	20061.65	19983.42	0.49	ppb
Potassium	39-2	48056.51	48051.26	48523.17	48210.31	0.56	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				108		%
Scandium	45-2				115		%
Selenium	77-2	962.34	1002.87	1045.71	1003.64	4.15	ppb
Selenium	78-2	983.73	975.65	1024.52	994.63	2.63	ppb
Selenium	82-1	996.35	993.76	996.35	995.49	0.15	ppb
Silicon	28-1	977.68	953.16	980.28	970.37	1.54	ppb
Silver	109-1	999.98	997.84	984.12	993.98	0.87	ppb
Silver	107-1	995.30	990.65	994.42	993.46	0.25	ppb
Sodium	23-2	98592.90	97237.85	98900.69	98243.81	0.90	ppb
Strontium	86-1	997.60	1002.47	997.64	999.24	0.28	ppb
Strontium	88-1	995.23	996.13	997.15	996.17	0.10	ppb
Sulfur	34-1	18851.69	18002.01	18684.86	18512.85	2.43	ppb
Terbium	159-1				104		%
Terbium	159-2				112		%
Thallium	203-1	1006.55	993.82	994.76	998.38	0.71	ppb
Thallium	205-1	1006.03	999.65	988.24	997.97	0.90	ppb
Tin	118-1	1006.53	995.77	991.85	998.05	0.76	ppb
Titanium	47-1	4984.92	4984.68	4981.67	4983.76	0.04	ppb
Uranium	238-1	1003.74	1003.18	995.73	1000.88	0.45	ppb
Vanadium	51-2	994.68	989.03	1001.09	994.93	0.61	ppb
Yttrium	89-1				109		%
Yttrium	89-2				113		%
Zinc	66-2	1987.65	1963.93	1991.15	1980.91	0.75	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	996.90	1000.81	997.51	998.41	0.21	ppb
Zirconium	91-1	996.62	986.89	1004.78	996.10	0.90	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99943.94	99860.58	101160.35	100321.62	0.73	ppb
Antimony	121-1	3.40	3.72	4.06	3.73	8.77	ppb
Arsenic	75-2	0.77	0.76	0.85	0.79	5.80	ppb
Barium	135-1	1.83	1.79	1.84	1.82	1.51	ppb
Barium	137-1	1.89	1.87	1.74	1.83	4.59	ppb
Beryllium	9-1	0.22	0.19	0.20	0.21	6.87	ppb
Bismuth	209-1				92		%
Bismuth	209-2				103		%
Boron	10-1	46.40	39.95	37.55	41.30	11.08	ppb
Boron	11-1	42.66	40.69	37.53	40.29	6.42	ppb
Cadmium	111-1	0.29	0.36	0.35	0.34	10.84	ppb
Cadmium	106-1	1.18	1.90	1.88	1.65	24.76	ppb
Cadmium	108-1	0.21	0.29	0.26	0.25	16.81	ppb
Calcium	43-1	506737.89	499939.63	495558.87	500745.46	1.12	ppb
Calcium	44-1	503675.19	503894.94	495342.74	500970.96	0.97	ppb
Chromium	52-2	41.23	41.40	41.89	41.51	0.83	ppb
Cobalt	59-2	1.65	1.59	1.60	1.61	1.86	ppb
Copper	63-2	2.72	2.59	2.70	2.67	2.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				113		%
Indium	115-1				100		%
Indium	115-2				110		%
Iron	56-2	249737.11	248818.28	252081.29	250212.23	0.67	ppb
Iron	57-2	250411.62	246274.61	253811.35	250165.86	1.51	ppb
Krypton	83-1						cps
Lead	206-1	1.95	2.05	2.06	2.02	3.08	ppb
Lead	207-1	1.97	1.88	1.95	1.93	2.29	ppb
Lead	208-1	1.97	1.93	1.97	1.96	0.98	ppb
Lithium	6-1				94		%
Magnesium	24-2	502878.09	493753.84	502453.09	499695.01	1.03	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.34	8.62	8.52	8.49	1.72	ppb
Molybdenum	94-1	6.99	7.37	7.49	7.29	3.59	ppb
Molybdenum	95-1	9.38	9.86	10.44	9.90	5.35	ppb
Molybdenum	96-1	9.40	9.75	10.36	9.84	4.95	ppb
Molybdenum	97-1	9.18	9.89	10.37	9.82	6.09	ppb
Molybdenum	98-1	9.16	9.58	10.20	9.65	5.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.61	25.64	26.45	25.90	1.84	ppb
Phosphorus	31-2	4.31	43.38	-8.91	12.93	210.29	ppb
Potassium	39-2	252482.83	248439.92	250241.32	250388.02	0.81	ppb
Rhodium	103-1				97		%
Rhodium	103-2				103		%
Scandium	45-1				107		%
Scandium	45-2				113		%
Selenium	77-2	0.75	0.72	-2.52	-0.35		ppb
Selenium	78-2	4.29	1.68	2.71	2.89	45.52	ppb
Selenium	82-1	1.10	1.94	1.65	1.56	27.40	ppb
Silicon	28-1	19.95	19.03	16.81	18.60	8.69	ppb
Silver	109-1	0.15	0.16	0.12	0.14	12.14	ppb
Silver	107-1	0.15	0.15	0.14	0.15	3.49	ppb
Sodium	23-2	497365.52	496292.52	506830.74	500162.93	1.16	ppb
Strontium	86-1	34.45	34.36	34.88	34.56	0.81	ppb
Strontium	88-1	34.60	34.80	34.83	34.74	0.36	ppb
Sulfur	34-1	-2281.49	-2148.65	-2500.89	-2310.34		ppb
Terbium	159-1				101		%
Terbium	159-2				113		%
Thallium	203-1	0.55	0.49	0.51	0.52	5.86	ppb
Thallium	205-1	0.59	0.56	0.52	0.56	6.08	ppb
Tin	118-1	1.82	1.90	1.99	1.90	4.40	ppb
Titanium	47-1	1.64	1.79	1.65	1.69	4.97	ppb
Uranium	238-1	0.16	0.16	0.16	0.16	2.31	ppb
Vanadium	51-2	0.41	0.45	0.50	0.45	9.26	ppb
Yttrium	89-1				105		%
Yttrium	89-2				115		%
Zinc	66-2	6.65	5.80	6.88	6.44	8.86	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.33	0.34	0.33	0.34	1.61	ppb
Zirconium	91-1	0.32	0.29	0.36	0.32	11.12	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:54:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	446.06	439.93	479.64	455.21	4.70	ppb
Antimony	121-1	200.47	200.35	202.24	201.02	0.53	ppb
Arsenic	75-2	197.46	193.62	197.83	196.30	1.19	ppb
Barium	135-1	100.21	102.03	101.50	101.25	0.93	ppb
Barium	137-1	101.86	101.73	102.21	101.93	0.24	ppb
Beryllium	9-1	95.61	97.55	96.65	96.60	1.00	ppb
Bismuth	209-1				94		%
Bismuth	209-2				106		%
Boron	10-1	633.19	642.76	647.83	641.26	1.16	ppb
Boron	11-1	626.15	632.90	643.35	634.13	1.37	ppb
Cadmium	111-1	103.13	104.53	104.41	104.02	0.75	ppb
Cadmium	106-1	153.69	153.88	159.43	155.66	2.09	ppb
Cadmium	108-1	132.10	130.66	132.09	131.62	0.63	ppb
Calcium	43-1	2104.66	2125.40	2122.13	2117.40	0.53	ppb
Calcium	44-1	2063.52	2024.45	2058.29	2048.75	1.04	ppb
Chromium	52-2	94.08	95.39	96.71	95.40	1.38	ppb
Cobalt	59-2	95.63	97.53	97.83	97.00	1.23	ppb
Copper	63-2	97.01	97.78	99.34	98.04	1.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				110		%
Indium	115-1				102		%
Indium	115-2				113		%
Iron	56-2	964.54	981.16	980.67	975.46	0.97	ppb
Iron	57-2	962.38	986.28	964.49	971.05	1.36	ppb
Krypton	83-1						cps
Lead	206-1	197.11	199.47	198.54	198.37	0.60	ppb
Lead	207-1	184.86	186.45	185.35	185.55	0.44	ppb
Lead	208-1	193.24	195.00	194.14	194.13	0.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	1178.51	1217.70	1212.69	1202.97	1.77	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:54:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.87	99.44	100.32	98.88	1.81	ppb
Molybdenum	94-1	1209.40	1196.08	1194.60	1200.03	0.68	ppb
Molybdenum	95-1	562.73	551.18	557.83	557.25	1.04	ppb
Molybdenum	96-1	636.18	632.88	636.10	635.05	0.30	ppb
Molybdenum	97-1	546.40	547.99	554.63	549.67	0.79	ppb
Molybdenum	98-1	551.99	545.19	557.60	551.59	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.81	100.03	98.61	98.82	1.14	ppb
Phosphorus	31-2	2.53	15.49	-22.22	-1.40		ppb
Potassium	39-2	1891.14	1925.04	1966.97	1927.72	1.97	ppb
Rhodium	103-1				103		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				120		%
Selenium	77-2	222.86	218.27	231.07	224.06	2.89	ppb
Selenium	78-2	200.66	205.83	232.75	213.08	8.09	ppb
Selenium	82-1	200.42	198.54	202.67	200.54	1.03	ppb
Silicon	28-1	535.27	528.06	528.48	530.60	0.76	ppb
Silver	109-1	102.49	103.30	102.50	102.76	0.45	ppb
Silver	107-1	102.24	103.07	102.54	102.62	0.41	ppb
Sodium	23-2	2014.13	2046.49	2026.22	2028.95	0.81	ppb
Strontium	86-1	535.18	545.34	541.56	540.69	0.95	ppb
Strontium	88-1	544.48	543.35	545.02	544.28	0.16	ppb
Sulfur	34-1	-2609.10	-2970.01	-2790.21	-2789.77		ppb
Terbium	159-1				98		%
Terbium	159-2				111		%
Thallium	203-1	197.03	199.52	198.87	198.47	0.65	ppb
Thallium	205-1	203.12	208.26	202.76	204.71	1.50	ppb
Tin	118-1	558.33	554.90	561.44	558.22	0.59	ppb
Titanium	47-1	546.56	537.03	544.21	542.60	0.92	ppb
Uranium	238-1	510.26	508.12	502.56	506.98	0.78	ppb
Vanadium	51-2	94.45	96.37	96.62	95.81	1.24	ppb
Yttrium	89-1				106		%
Yttrium	89-2				117		%
Zinc	66-2	198.66	199.55	201.67	199.96	0.77	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:54:31	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	536.90	539.13	541.16	539.06	0.40	ppb
Zirconium	91-1	538.76	548.70	536.75	541.41	1.18	ppb

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:59:44 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.13	-0.48	0.39	-0.74		ppb
Antimony	121-1	0.47	0.61	0.71	0.60	20.42	ppb
Arsenic	75-2	0.05	0.13	0.09	0.09	46.89	ppb
Barium	135-1	0.01	0.00	-0.02	0.00		ppb
Barium	137-1	-0.02	-0.03	-0.01	-0.02		ppb
Beryllium	9-1	0.07	0.02	0.04	0.04	63.45	ppb
Bismuth	209-1				90		%
Bismuth	209-2				105		%
Boron	10-1	6.11	6.81	6.19	6.37	6.03	ppb
Boron	11-1	7.05	6.93	7.74	7.24	6.00	ppb
Cadmium	111-1	-0.02	-0.02	0.03	0.00		ppb
Cadmium	106-1	-0.21	-0.40	0.51	-0.03		ppb
Cadmium	108-1	0.04	-0.02	0.01	0.01	247.15	ppb
Calcium	43-1	-1.14	0.70	0.16	-0.09		ppb
Calcium	44-1	12.56	15.82	14.84	14.40	11.62	ppb
Chromium	52-2	-0.04	0.03	-0.08	-0.03		ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.25	-0.23	-0.19	-0.22		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				93		%
Holmium	165-2				109		%
Indium	115-1				101		%
Indium	115-2				115		%
Iron	56-2	0.56	0.61	0.67	0.61	8.85	ppb
Iron	57-2	0.23	0.96	2.54	1.24	94.74	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.03	0.03	48.68	ppb
Lead	207-1	0.05	0.02	0.03	0.04	45.97	ppb
Lead	208-1	0.02	0.03	0.03	0.03	14.77	ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.97	0.89	-1.36	-0.48		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:59:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.04	0.01	0.00		ppb
Molybdenum	94-1	0.36	0.44	0.55	0.45	21.45	ppb
Molybdenum	95-1	0.33	0.49	0.65	0.49	32.69	ppb
Molybdenum	96-1	0.34	0.49	0.64	0.49	31.47	ppb
Molybdenum	97-1	0.38	0.49	0.58	0.48	21.03	ppb
Molybdenum	98-1	0.39	0.44	0.62	0.48	24.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.02	0.01	66.78	ppb
Phosphorus	31-2	3.16	-22.22	-9.54	-9.53		ppb
Potassium	39-2	-7.61	-0.34	2.57	-1.79		ppb
Rhodium	103-1				102		%
Rhodium	103-2				112		%
Scandium	45-1				109		%
Scandium	45-2				119		%
Selenium	77-2	3.85	0.67	-2.52	0.67	478.28	ppb
Selenium	78-2	0.12	1.64	1.14	0.97	80.32	ppb
Selenium	82-1	-0.14	-0.03	-0.08	-0.08		ppb
Silicon	28-1	-10.31	-9.77	2.10	-6.00		ppb
Silver	109-1	0.00	0.01	0.01	0.01	58.70	ppb
Silver	107-1	0.00	0.01	0.01	0.01	41.90	ppb
Sodium	23-2	40.44	47.81	43.21	43.82	8.50	ppb
Strontium	86-1	0.05	0.01	-0.03	0.01	376.64	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	16.76	ppb
Sulfur	34-1	-3015.39	-2912.33	-2854.46	-2927.39		ppb
Terbium	159-1				95		%
Terbium	159-2				109		%
Thallium	203-1	0.07	0.07	0.08	0.08	8.49	ppb
Thallium	205-1	0.08	0.07	0.08	0.08	10.01	ppb
Tin	118-1	0.20	0.27	0.29	0.25	19.30	ppb
Titanium	47-1	0.02	0.09	0.09	0.07	57.66	ppb
Uranium	238-1	0.01	0.00	0.01	0.01	70.77	ppb
Vanadium	51-2	-0.02	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				105		%
Yttrium	89-2				117		%
Zinc	66-2	-0.08	-0.13	-0.06	-0.09		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:59:44	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.05	0.04	0.05	17.15	ppb
Zirconium	91-1	0.04	0.05	0.05	0.05	20.26	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88400.59	88167.87	87778.82	88115.76	0.36	ppb
Antimony	121-1	1.44	1.53	1.56	1.51	4.23	ppb
Arsenic	75-2	0.25	0.34	0.49	0.36	32.95	ppb
Barium	135-1	1.40	1.44	1.46	1.43	2.15	ppb
Barium	137-1	1.42	1.41	1.52	1.45	4.07	ppb
Beryllium	9-1	0.28	0.22	0.35	0.28	22.79	ppb
Bismuth	209-1				87		%
Bismuth	209-2				96		%
Boron	10-1	8.20	6.63	6.28	7.03	14.54	ppb
Boron	11-1	7.42	7.74	7.19	7.45	3.73	ppb
Cadmium	111-1	0.37	0.31	0.41	0.36	13.81	ppb
Cadmium	106-1	0.78	-0.53	0.77	0.34	221.06	ppb
Cadmium	108-1	8.01	7.53	7.87	7.81	3.17	ppb
Calcium	43-1	94356.60	95490.62	95836.36	95227.86	0.81	ppb
Calcium	44-1	92260.67	94921.75	95773.46	94318.63	1.94	ppb
Chromium	52-2	19.20	19.50	19.23	19.31	0.85	ppb
Cobalt	59-2	1.04	1.09	1.06	1.06	2.51	ppb
Copper	63-2	7.64	7.58	7.46	7.56	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				106		%
Indium	115-1				98		%
Indium	115-2				109		%
Iron	56-2	95551.33	96079.25	94757.54	95462.71	0.70	ppb
Iron	57-2	98498.10	98143.97	96536.14	97726.07	1.07	ppb
Krypton	83-1						cps
Lead	206-1	4.86	4.79	4.71	4.79	1.55	ppb
Lead	207-1	4.16	4.25	4.15	4.19	1.38	ppb
Lead	208-1	4.36	4.45	4.38	4.40	1.02	ppb
Lithium	6-1				93		%
Magnesium	24-2	98868.09	97214.28	98241.21	98107.86	0.85	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.88	7.26	7.41	7.52	4.30	ppb
Molybdenum	94-1	1327.20	1343.94	1351.41	1340.85	0.92	ppb
Molybdenum	95-1	1904.33	1931.27	1935.24	1923.62	0.87	ppb
Molybdenum	96-1	1810.31	1851.08	1839.79	1833.73	1.15	ppb
Molybdenum	97-1	1883.84	1910.97	1924.17	1906.33	1.08	ppb
Molybdenum	98-1	1906.20	1929.40	1933.88	1923.16	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.30	5.16	4.85	5.10	4.47	ppb
Phosphorus	31-2	98127.77	98657.75	97878.55	98221.35	0.41	ppb
Potassium	39-2	101241.74	100429.97	100566.73	100746.15	0.43	ppb
Rhodium	103-1				98		%
Rhodium	103-2				106		%
Scandium	45-1				108		%
Scandium	45-2				118		%
Selenium	77-2	-2.52	-2.52	0.72	-1.44		ppb
Selenium	78-2	0.64	-0.39	-0.39	-0.04		ppb
Selenium	82-1	0.64	0.25	-0.08	0.27	134.18	ppb
Silicon	28-1	27.04	30.42	30.97	29.48	7.23	ppb
Silver	109-1	0.06	0.07	0.06	0.06	3.42	ppb
Silver	107-1	0.04	0.04	0.07	0.05	32.12	ppb
Sodium	23-2	99056.60	98781.25	98818.89	98885.58	0.15	ppb
Strontium	86-1	32.55	33.59	33.04	33.06	1.58	ppb
Strontium	88-1	33.18	33.82	33.99	33.66	1.27	ppb
Sulfur	34-1	94781.77	96970.94	98182.36	96645.02	1.78	ppb
Terbium	159-1				95		%
Terbium	159-2				107		%
Thallium	203-1	0.19	0.20	0.22	0.20	8.11	ppb
Thallium	205-1	0.20	0.21	0.20	0.20	2.81	ppb
Tin	118-1	0.24	0.29	0.25	0.26	9.87	ppb
Titanium	47-1	1961.45	2000.19	2015.48	1992.37	1.40	ppb
Uranium	238-1	0.00	0.01	0.01	0.01	32.62	ppb
Vanadium	51-2	0.14	0.11	0.12	0.12	14.16	ppb
Yttrium	89-1				104		%
Yttrium	89-2				115		%
Zinc	66-2	11.06	11.07	10.34	10.82	3.86	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.48	0.44	0.40	0.44	9.95	ppb
Zirconium	91-1	0.42	0.45	0.39	0.42	7.26	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:06:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87181.84	87602.69	88920.44	87901.66	1.03	ppb
Antimony	121-1	20.94	21.36	21.13	21.14	0.99	ppb
Arsenic	75-2	20.44	19.80	20.30	20.18	1.69	ppb
Barium	135-1	21.90	22.00	22.82	22.24	2.27	ppb
Barium	137-1	21.95	22.10	22.43	22.16	1.13	ppb
Beryllium	9-1	20.36	20.26	19.70	20.10	1.76	ppb
Bismuth	209-1				83		%
Bismuth	209-2				93		%
Boron	10-1	6.74	5.63	6.48	6.28	9.25	ppb
Boron	11-1	7.09	6.19	6.22	6.50	7.82	ppb
Cadmium	111-1	19.97	20.12	19.66	19.92	1.17	ppb
Cadmium	106-1	17.68	16.46	18.97	17.70	7.09	ppb
Cadmium	108-1	25.31	26.14	26.47	25.97	2.29	ppb
Calcium	43-1	95474.55	96804.61	95997.75	96092.30	0.70	ppb
Calcium	44-1	95446.03	94507.72	94095.65	94683.13	0.73	ppb
Chromium	52-2	39.26	39.57	39.84	39.56	0.73	ppb
Cobalt	59-2	19.93	20.23	21.14	20.43	3.09	ppb
Copper	63-2	26.50	27.09	27.80	27.13	2.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				103		%
Indium	115-1				96		%
Indium	115-2				107		%
Iron	56-2	94407.52	94029.70	95777.97	94738.39	0.97	ppb
Iron	57-2	94916.51	96618.85	98028.79	96521.38	1.61	ppb
Krypton	83-1						cps
Lead	206-1	25.07	25.39	24.42	24.96	1.97	ppb
Lead	207-1	22.29	22.67	22.11	22.36	1.28	ppb
Lead	208-1	23.48	23.77	23.34	23.53	0.93	ppb
Lithium	6-1				90		%
Magnesium	24-2	97330.61	98306.73	99014.02	98217.12	0.86	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:06:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.03	27.87	28.21	27.70	2.19	ppb
Molybdenum	94-1	1348.92	1345.32	1344.21	1346.15	0.18	ppb
Molybdenum	95-1	1910.02	1925.81	1919.01	1918.28	0.41	ppb
Molybdenum	96-1	1849.23	1841.54	1812.37	1834.38	1.06	ppb
Molybdenum	97-1	1931.80	1911.09	1902.12	1915.00	0.79	ppb
Molybdenum	98-1	1930.89	1913.49	1906.43	1916.94	0.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.93	25.18	24.89	25.00	0.63	ppb
Phosphorus	31-2	98377.33	97707.00	100075.60	98719.98	1.24	ppb
Potassium	39-2	98735.65	100562.48	101003.74	100100.63	1.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				104		%
Scandium	45-1				106		%
Scandium	45-2				118		%
Selenium	77-2	7.24	7.27	33.53	16.02	94.73	ppb
Selenium	78-2	19.25	22.93	21.98	21.39	8.94	ppb
Selenium	82-1	20.49	18.88	19.37	19.58	4.21	ppb
Silicon	28-1	30.22	29.23	31.10	30.18	3.09	ppb
Silver	109-1	19.45	19.50	19.57	19.51	0.30	ppb
Silver	107-1	19.65	19.45	21.95	20.35	6.82	ppb
Sodium	23-2	98261.11	99537.07	100490.50	99429.56	1.12	ppb
Strontium	86-1	33.46	33.58	32.97	33.33	0.97	ppb
Strontium	88-1	33.78	33.94	33.62	33.78	0.47	ppb
Sulfur	34-1	97041.77	97323.34	96030.08	96798.40	0.70	ppb
Terbium	159-1				91		%
Terbium	159-2				103		%
Thallium	203-1	20.23	20.16	20.18	20.19	0.20	ppb
Thallium	205-1	20.40	20.49	20.48	20.46	0.23	ppb
Tin	118-1	0.24	0.18	0.24	0.22	15.29	ppb
Titanium	47-1	2032.26	1974.26	1988.74	1998.42	1.51	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	33.86	ppb
Vanadium	51-2	19.59	19.60	20.38	19.86	2.27	ppb
Yttrium	89-1				102		%
Yttrium	89-2				114		%
Zinc	66-2	30.79	29.50	32.37	30.89	4.65	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:06:19	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.21	0.18	0.19	8.60	ppb
Zirconium	91-1	0.15	0.19	0.18	0.17	10.26	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50346.65	50341.88	50268.79	50319.11	0.09	ppb
Antimony	121-1	525.38	526.99	520.46	524.28	0.65	ppb
Arsenic	75-2	510.52	514.27	513.22	512.67	0.38	ppb
Barium	135-1	2644.55	2674.17	2617.16	2645.29	1.08	ppb
Barium	137-1	2621.98	2665.38	2591.18	2626.18	1.42	ppb
Beryllium	9-1	531.33	536.25	521.93	529.83	1.37	ppb
Bismuth	209-1				85		%
Bismuth	209-2				97		%
Boron	10-1	520.29	559.04	540.11	539.81	3.59	ppb
Boron	11-1	524.71	537.65	540.85	534.40	1.60	ppb
Cadmium	111-1	513.62	508.89	508.03	510.18	0.59	ppb
Cadmium	106-1	532.93	523.02	526.11	527.35	0.96	ppb
Cadmium	108-1	528.07	523.34	522.23	524.55	0.59	ppb
Calcium	43-1	242881.21	247779.94	245953.45	245538.20	1.01	ppb
Calcium	44-1	242795.60	246152.87	245431.21	244793.23	0.72	ppb
Chromium	52-2	520.09	520.52	521.53	520.71	0.14	ppb
Cobalt	59-2	485.43	487.72	490.39	487.85	0.51	ppb
Copper	63-2	971.63	967.78	957.93	965.78	0.73	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				92		%
Holmium	165-2				107		%
Indium	115-1				97		%
Indium	115-2				109		%
Iron	56-2	119478.27	119868.03	119772.99	119706.43	0.17	ppb
Iron	57-2	121918.98	122871.10	121600.67	122130.25	0.54	ppb
Krypton	83-1						cps
Lead	206-1	530.20	517.41	524.85	524.16	1.23	ppb
Lead	207-1	522.30	512.94	516.56	517.27	0.91	ppb
Lead	208-1	521.23	518.82	520.03	520.02	0.23	ppb
Lithium	6-1				91		%
Magnesium	24-2	247556.92	248148.22	248965.61	248223.58	0.28	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.04	1021.80	1012.20	1016.01	0.50	ppb
Molybdenum	94-1	2604.62	2583.83	2560.92	2583.13	0.85	ppb
Molybdenum	95-1	2584.16	2607.14	2571.18	2587.49	0.70	ppb
Molybdenum	96-1	2598.65	2594.66	2537.28	2576.86	1.33	ppb
Molybdenum	97-1	2561.95	2566.21	2564.61	2564.26	0.08	ppb
Molybdenum	98-1	2579.50	2570.23	2578.52	2576.08	0.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.75	493.29	499.24	495.09	0.73	ppb
Phosphorus	31-2	10033.97	9995.18	10500.18	10176.44	2.76	ppb
Potassium	39-2	126268.67	126769.16	127183.58	126740.47	0.36	ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				122		%
Selenium	77-2	492.19	501.48	492.74	495.47	1.05	ppb
Selenium	78-2	527.04	531.62	526.45	528.37	0.54	ppb
Selenium	82-1	511.12	514.62	512.05	512.60	0.35	ppb
Silicon	28-1	572.07	589.00	595.90	585.66	2.09	ppb
Silver	109-1	531.53	522.96	511.61	522.03	1.91	ppb
Silver	107-1	525.38	522.10	515.58	521.02	0.96	ppb
Sodium	23-2	249929.87	251731.06	251586.61	251082.51	0.40	ppb
Strontium	86-1	526.53	530.98	522.04	526.52	0.85	ppb
Strontium	88-1	532.14	532.35	525.20	529.90	0.77	ppb
Sulfur	34-1	10979.37	11719.12	11579.66	11426.05	3.44	ppb
Terbium	159-1				94		%
Terbium	159-2				106		%
Thallium	203-1	522.79	516.40	522.08	520.42	0.67	ppb
Thallium	205-1	519.66	517.15	524.31	520.37	0.70	ppb
Tin	118-1	525.38	530.85	522.24	526.16	0.83	ppb
Titanium	47-1	2570.53	2576.00	2568.37	2571.63	0.15	ppb
Uranium	238-1	506.16	502.91	509.94	506.34	0.69	ppb
Vanadium	51-2	509.64	509.45	514.04	511.04	0.51	ppb
Yttrium	89-1				103		%
Yttrium	89-2				117		%
Zinc	66-2	955.31	983.21	972.42	970.31	1.45	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	518.39	514.18	517.02	516.53	0.42	ppb
Zirconium	91-1	523.76	521.03	520.54	521.78	0.33	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:14:07	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.47	2.17	0.45	2.70	94.72	ppb
Antimony	121-1	0.93	1.16	1.27	1.12	15.64	ppb
Arsenic	75-2	0.19	0.16	0.20	0.18	12.47	ppb
Barium	135-1	0.12	0.09	0.07	0.09	26.77	ppb
Barium	137-1	0.09	0.07	0.08	0.08	13.02	ppb
Beryllium	9-1	0.07	0.04	0.02	0.04	66.54	ppb
Bismuth	209-1				91		%
Bismuth	209-2				101		%
Boron	10-1	12.90	12.55	12.58	12.68	1.53	ppb
Boron	11-1	12.16	12.06	11.31	11.85	3.92	ppb
Cadmium	111-1	0.02	0.00	0.02	0.01	122.11	ppb
Cadmium	106-1	-0.03	-0.27	-0.19	-0.17		ppb
Cadmium	108-1	0.10	0.28	0.01	0.13	104.77	ppb
Calcium	43-1	13.62	4.94	4.88	7.81	64.40	ppb
Calcium	44-1	27.88	28.08	21.92	25.96	13.47	ppb
Chromium	52-2	-0.07	0.01	-0.03	-0.03		ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.07	-0.07	-0.09	-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				95		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				112		%
Iron	56-2	5.25	5.06	5.15	5.15	1.83	ppb
Iron	57-2	7.45	4.46	3.93	5.28	36.00	ppb
Krypton	83-1						cps
Lead	206-1	0.09	0.07	0.11	0.09	19.15	ppb
Lead	207-1	0.07	0.08	0.06	0.07	14.78	ppb
Lead	208-1	0.08	0.08	0.09	0.09	7.62	ppb
Lithium	6-1				93		%
Magnesium	24-2	3.85	8.05	5.89	5.93	35.46	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:14:07	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.00	0.04	0.03	84.67	ppb
Molybdenum	94-1	0.96	1.10	1.28	1.11	14.45	ppb
Molybdenum	95-1	1.13	1.33	1.62	1.36	17.84	ppb
Molybdenum	96-1	1.04	1.29	1.60	1.31	21.67	ppb
Molybdenum	97-1	1.05	1.35	1.56	1.32	19.47	ppb
Molybdenum	98-1	1.01	1.34	1.57	1.31	21.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.07	0.04	53.93	ppb
Phosphorus	31-2	-9.49	3.61	-22.22	-9.36		ppb
Potassium	39-2	34.68	11.08	22.29	22.69	52.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				117		%
Selenium	77-2	-2.52	-2.52	-2.52	-2.52		ppb
Selenium	78-2	0.65	-0.39	0.13	0.13	397.28	ppb
Selenium	82-1	0.12	-0.08	0.37	0.14	165.84	ppb
Silicon	28-1	-10.25	-11.13	-12.11	-11.16		ppb
Silver	109-1	0.05	0.04	0.05	0.04	16.34	ppb
Silver	107-1	0.04	0.04	0.03	0.04	5.50	ppb
Sodium	23-2	91.24	77.20	71.72	80.06	12.58	ppb
Strontium	86-1	0.09	0.07	0.02	0.06	58.97	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	6.57	ppb
Sulfur	34-1	-2943.89	-3063.32	-3295.57	-3100.93		ppb
Terbium	159-1				96		%
Terbium	159-2				106		%
Thallium	203-1	0.13	0.15	0.13	0.14	8.06	ppb
Thallium	205-1	0.16	0.14	0.16	0.15	8.27	ppb
Tin	118-1	0.19	0.21	0.25	0.22	14.20	ppb
Titanium	47-1	0.15	0.21	0.18	0.18	16.93	ppb
Uranium	238-1	0.01	0.01	0.00	0.00	41.05	ppb
Vanadium	51-2	0.02	0.00	0.00	0.00	224.61	ppb
Yttrium	89-1				104		%
Yttrium	89-2				115		%
Zinc	66-2	-0.07	0.07	-0.04	-0.02		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:14:07	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.10	0.09	9.14	ppb
Zirconium	91-1	0.08	0.10	0.06	0.08	25.24	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.13	40.72	23.74	34.53	27.16	ppb
Antimony	121-1	2.13	2.27	2.40	2.27	5.94	ppb
Arsenic	75-2	1.17	0.85	1.02	1.01	15.86	ppb
Barium	135-1	9.50	9.44	9.76	9.57	1.80	ppb
Barium	137-1	9.66	9.60	9.99	9.75	2.15	ppb
Beryllium	9-1	0.98	0.96	1.02	0.99	3.01	ppb
Bismuth	209-1				91		%
Bismuth	209-2				102		%
Boron	10-1	27.93	27.64	26.80	27.46	2.13	ppb
Boron	11-1	27.06	26.95	29.53	27.85	5.23	ppb
Cadmium	111-1	1.05	0.97	1.12	1.05	6.98	ppb
Cadmium	106-1	2.22	0.68	1.57	1.49	51.63	ppb
Cadmium	108-1	0.99	1.06	0.80	0.95	14.30	ppb
Calcium	43-1	528.85	539.10	540.18	536.04	1.17	ppb
Calcium	44-1	529.46	530.83	535.77	532.02	0.62	ppb
Chromium	52-2	2.15	1.98	1.94	2.02	5.43	ppb
Cobalt	59-2	0.97	0.94	0.93	0.95	1.79	ppb
Copper	63-2	1.97	2.01	1.91	1.96	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				110		%
Iron	56-2	50.59	47.11	49.73	49.15	3.69	ppb
Iron	57-2	50.06	48.61	48.38	49.02	1.86	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.96	0.99	0.97	1.75	ppb
Lead	207-1	1.00	0.85	0.90	0.91	8.19	ppb
Lead	208-1	0.97	0.93	0.96	0.95	1.91	ppb
Lithium	6-1				94		%
Magnesium	24-2	504.26	494.24	497.92	498.81	1.02	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.76	1.93	1.80	1.83	5.02	ppb
Molybdenum	94-1	5.15	5.27	5.32	5.25	1.65	ppb
Molybdenum	95-1	4.89	4.98	5.33	5.07	4.50	ppb
Molybdenum	96-1	4.77	5.20	5.34	5.10	5.77	ppb
Molybdenum	97-1	4.95	4.84	5.08	4.96	2.45	ppb
Molybdenum	98-1	4.97	5.01	5.22	5.07	2.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.13	1.19	1.11	7.83	ppb
Phosphorus	31-2	-9.27	-22.22	3.76	-9.24		ppb
Potassium	39-2	496.53	506.81	484.96	496.10	2.20	ppb
Rhodium	103-1				102		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				116		%
Selenium	77-2	7.41	4.11	-2.52	3.00	168.64	ppb
Selenium	78-2	3.81	6.45	5.39	5.22	25.45	ppb
Selenium	82-1	4.91	4.50	5.06	4.83	5.99	ppb
Silicon	28-1	68.88	68.18	68.55	68.54	0.52	ppb
Silver	109-1	0.99	0.94	1.05	1.00	5.50	ppb
Silver	107-1	1.04	0.97	1.00	1.00	3.28	ppb
Sodium	23-2	532.01	534.54	542.78	536.44	1.05	ppb
Strontium	86-1	0.86	1.06	0.99	0.97	10.67	ppb
Strontium	88-1	1.04	1.07	1.04	1.05	1.44	ppb
Sulfur	34-1	-2556.10	-2586.37	-2406.65	-2516.37		ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	0.92	1.05	1.04	1.00	6.97	ppb
Thallium	205-1	1.02	1.01	1.01	1.01	0.87	ppb
Tin	118-1	4.82	4.94	5.09	4.95	2.80	ppb
Titanium	47-1	5.69	5.93	5.80	5.80	2.08	ppb
Uranium	238-1	0.85	0.91	0.90	0.89	3.84	ppb
Vanadium	51-2	4.44	4.77	4.69	4.63	3.70	ppb
Yttrium	89-1				103		%
Yttrium	89-2				113		%
Zinc	66-2	2.19	2.59	2.36	2.38	8.35	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.15	1.14	1.11	1.13	1.67	ppb
Zirconium	91-1	1.08	1.03	1.16	1.09	5.97	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.19	23.72	13.50	18.47	27.71	ppb
Antimony	121-1	1.99	2.07	2.18	2.08	4.66	ppb
Arsenic	75-2	1.10	1.00	0.93	1.01	8.35	ppb
Barium	135-1	9.47	9.40	9.31	9.39	0.85	ppb
Barium	137-1	9.58	9.36	9.61	9.52	1.41	ppb
Beryllium	9-1	1.12	0.96	0.99	1.02	8.73	ppb
Bismuth	209-1				90		%
Bismuth	209-2				101		%
Boron	10-1	27.51	29.19	31.14	29.28	6.20	ppb
Boron	11-1	26.51	27.12	28.70	27.44	4.12	ppb
Cadmium	111-1	0.85	0.92	1.04	0.94	10.43	ppb
Cadmium	106-1	0.54	0.75	1.41	0.90	50.55	ppb
Cadmium	108-1	0.91	0.95	1.64	1.17	35.15	ppb
Calcium	43-1	468.51	445.33	462.48	458.77	2.62	ppb
Calcium	44-1	459.03	470.80	460.31	463.38	1.39	ppb
Chromium	52-2	2.04	1.97	2.04	2.02	1.88	ppb
Cobalt	59-2	0.94	1.00	0.86	0.93	7.20	ppb
Copper	63-2	1.81	1.64	1.82	1.76	5.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				105		%
Indium	115-1				101		%
Indium	115-2				110		%
Iron	56-2	46.02	47.48	48.74	47.41	2.87	ppb
Iron	57-2	46.98	47.55	46.83	47.12	0.81	ppb
Krypton	83-1						cps
Lead	206-1	1.03	0.96	0.92	0.97	5.94	ppb
Lead	207-1	0.90	0.93	0.93	0.92	1.79	ppb
Lead	208-1	0.95	0.95	0.93	0.94	1.28	ppb
Lithium	6-1				94		%
Magnesium	24-2	464.42	482.00	478.54	474.99	1.96	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.00	1.02	1.05	6.40	ppb
Molybdenum	94-1	4.69	4.94	4.90	4.84	2.75	ppb
Molybdenum	95-1	4.93	4.98	4.85	4.92	1.42	ppb
Molybdenum	96-1	4.73	4.92	4.90	4.85	2.10	ppb
Molybdenum	97-1	4.85	4.97	4.74	4.85	2.32	ppb
Molybdenum	98-1	4.95	5.00	4.85	4.93	1.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.15	1.13	1.09	1.12	2.80	ppb
Phosphorus	31-2	3.31	-22.22	-22.22	-13.71		ppb
Potassium	39-2	470.46	478.55	460.57	469.86	1.92	ppb
Rhodium	103-1				101		%
Rhodium	103-2				109		%
Scandium	45-1				107		%
Scandium	45-2				116		%
Selenium	77-2	0.78	7.37	0.79	2.98	127.53	ppb
Selenium	78-2	3.29	4.85	5.92	4.69	28.26	ppb
Selenium	82-1	4.52	5.24	5.00	4.92	7.47	ppb
Silicon	28-1	8.09	8.34	8.27	8.24	1.54	ppb
Silver	109-1	0.97	1.02	0.96	0.98	3.38	ppb
Silver	107-1	1.00	0.98	1.04	1.01	2.75	ppb
Sodium	23-2	529.73	518.01	533.98	527.24	1.57	ppb
Strontium	86-1	0.97	0.98	1.00	0.98	1.66	ppb
Strontium	88-1	0.98	0.97	0.99	0.98	0.94	ppb
Sulfur	34-1	-2219.06	-2328.59	-2299.17	-2282.27		ppb
Terbium	159-1				95		%
Terbium	159-2				106		%
Thallium	203-1	0.99	1.02	0.98	1.00	2.06	ppb
Thallium	205-1	1.01	1.01	1.01	1.01	0.22	ppb
Tin	118-1	4.90	4.87	4.95	4.90	0.84	ppb
Titanium	47-1	4.64	4.66	5.01	4.77	4.35	ppb
Uranium	238-1	0.90	0.86	0.85	0.87	3.31	ppb
Vanadium	51-2	4.64	4.70	4.66	4.67	0.65	ppb
Yttrium	89-1				103		%
Yttrium	89-2				113		%
Zinc	66-2	2.16	1.79	2.35	2.10	13.57	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	1.04	0.99	1.01	2.78	ppb
Zirconium	91-1	0.98	0.99	0.99	0.99	0.88	ppb

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : J2464-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF015MW047-180418DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-26 14:29:08 DataFile Name : 020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.62	18.62	9.00	13.42	36.23	ppb
Antimony	121-1	0.13	0.16	0.15	0.14	11.91	ppb
Arsenic	75-2	1.02	1.23	1.04	1.10	10.58	ppb
Barium	135-1	44.92	46.10	43.27	44.76	3.17	ppb
Barium	137-1	44.46	46.17	44.13	44.92	2.44	ppb
Beryllium	9-1	0.01	0.01	0.04	0.02	82.33	ppb
Bismuth	209-1				88		%
Bismuth	209-2				98		%
Boron	10-1	287.33	284.26	280.06	283.88	1.28	ppb
Boron	11-1	287.24	291.06	288.40	288.90	0.68	ppb
Cadmium	111-1	-0.03	0.01	0.01	0.00		ppb
Cadmium	106-1	-0.32	0.17	-0.08	-0.07		ppb
Cadmium	108-1	0.19	0.11	0.13	0.14	30.80	ppb
Calcium	43-1	75531.21	75064.95	73868.18	74821.45	1.15	ppb
Calcium	44-1	73400.24	74607.65	73380.24	73796.05	0.95	ppb
Chromium	52-2	360.33	358.48	356.55	358.45	0.53	ppb
Cobalt	59-2	1.78	1.73	1.74	1.75	1.41	ppb
Copper	63-2	2.94	2.72	2.85	2.84	3.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				109		%
Iron	56-2	5128.09	5154.80	5079.52	5120.80	0.75	ppb
Iron	57-2	5056.59	5038.05	5032.72	5042.45	0.25	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.20	0.16	0.19	14.91	ppb
Lead	207-1	0.18	0.15	0.18	0.17	11.61	ppb
Lead	208-1	0.19	0.18	0.19	0.18	2.72	ppb
Lithium	6-1				96		%
Magnesium	24-2	19742.72	19707.41	19520.86	19656.99	0.61	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2464-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF015MW047-180418DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 14:29:08	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	327.76	322.52	321.85	324.04	1.00	ppb
Molybdenum	94-1	7.25	7.45	7.47	7.39	1.63	ppb
Molybdenum	95-1	9.76	10.05	9.96	9.93	1.52	ppb
Molybdenum	96-1	9.35	9.42	9.47	9.41	0.61	ppb
Molybdenum	97-1	9.86	9.83	9.52	9.73	1.94	ppb
Molybdenum	98-1	10.02	9.91	9.75	9.89	1.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	379.15	377.18	375.26	377.20	0.52	ppb
Phosphorus	31-2	82.26	3.83	29.34	38.48	103.98	ppb
Potassium	39-2	1634.32	1702.82	1720.15	1685.76	2.69	ppb
Rhodium	103-1				99		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				115		%
Selenium	77-2	-2.52	-2.52	-2.52	-2.52		ppb
Selenium	78-2	1.19	0.66	0.66	0.84	36.72	ppb
Selenium	82-1	4.65	3.13	4.05	3.94	19.34	ppb
Silicon	28-1	3211.27	3238.06	3159.20	3202.84	1.25	ppb
Silver	109-1	0.00	0.01	0.01	0.01	47.90	ppb
Silver	107-1	0.00	0.00	0.01	0.01	89.07	ppb
Sodium	23-2	96066.30	96830.59	96401.90	96432.93	0.40	ppb
Strontium	86-1	794.07	793.36	798.36	795.26	0.34	ppb
Strontium	88-1	789.23	793.06	782.01	788.10	0.71	ppb
Sulfur	34-1	12859.54	13047.33	12363.20	12756.69	2.77	ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.05	0.06	0.05	2.54	ppb
Thallium	205-1	0.05	0.06	0.07	0.06	12.13	ppb
Tin	118-1	-0.04	0.01	0.04	0.00	1749.53	ppb
Titanium	47-1	0.61	0.62	0.71	0.65	8.87	ppb
Uranium	238-1	2.25	2.22	2.23	2.24	0.62	ppb
Vanadium	51-2	1.24	1.15	1.24	1.21	4.24	ppb
Yttrium	89-1				103		%
Yttrium	89-2				113		%
Zinc	66-2	1.56	1.73	1.73	1.67	5.88	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2464-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF015MW047-180418DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 14:29:08	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.24	0.22	0.23	4.90	ppb
Zirconium	91-1	0.26	0.23	0.25	0.25	5.75	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50854.52	50597.89	50830.15	50760.86	0.28	ppb
Antimony	121-1	524.71	517.25	517.67	519.88	0.81	ppb
Arsenic	75-2	515.02	510.63	512.76	512.81	0.43	ppb
Barium	135-1	2645.58	2603.65	2609.40	2619.54	0.87	ppb
Barium	137-1	2632.67	2603.32	2606.36	2614.12	0.62	ppb
Beryllium	9-1	522.58	529.95	531.35	527.96	0.89	ppb
Bismuth	209-1				87		%
Bismuth	209-2				98		%
Boron	10-1	537.28	562.24	557.43	552.32	2.40	ppb
Boron	11-1	534.98	548.99	558.72	547.56	2.18	ppb
Cadmium	111-1	507.20	512.64	507.08	508.97	0.62	ppb
Cadmium	106-1	519.09	521.71	525.26	522.02	0.59	ppb
Cadmium	108-1	510.99	517.04	525.83	517.95	1.44	ppb
Calcium	43-1	244210.67	239944.89	243454.49	242536.68	0.94	ppb
Calcium	44-1	242970.40	242833.29	242435.54	242746.41	0.11	ppb
Chromium	52-2	521.06	525.54	523.94	523.51	0.43	ppb
Cobalt	59-2	490.31	488.32	491.21	489.94	0.30	ppb
Copper	63-2	964.77	960.05	979.18	968.00	1.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				108		%
Indium	115-1				98		%
Indium	115-2				109		%
Iron	56-2	119954.71	120398.04	121343.74	120565.50	0.59	ppb
Iron	57-2	121901.81	122193.61	124386.58	122827.34	1.11	ppb
Krypton	83-1						cps
Lead	206-1	527.13	525.88	528.63	527.21	0.26	ppb
Lead	207-1	513.41	517.14	512.91	514.49	0.45	ppb
Lead	208-1	519.91	520.39	520.24	520.18	0.05	ppb
Lithium	6-1				92		%
Magnesium	24-2	249038.10	248868.98	252049.08	249985.39	0.72	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.43	1017.77	1021.16	1019.79	0.17	ppb
Molybdenum	94-1	2571.90	2527.82	2549.82	2549.84	0.86	ppb
Molybdenum	95-1	2571.94	2547.25	2553.12	2557.44	0.50	ppb
Molybdenum	96-1	2586.23	2524.79	2544.46	2551.83	1.23	ppb
Molybdenum	97-1	2537.32	2529.05	2542.11	2536.16	0.26	ppb
Molybdenum	98-1	2558.67	2569.88	2567.11	2565.22	0.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.26	499.02	500.30	499.19	0.21	ppb
Phosphorus	31-2	10067.13	10551.13	10882.21	10500.16	3.90	ppb
Potassium	39-2	127971.07	128910.34	126901.86	127927.76	0.79	ppb
Rhodium	103-1				96		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				119		%
Selenium	77-2	441.79	532.81	520.13	498.24	9.90	ppb
Selenium	78-2	509.39	492.59	498.43	500.13	1.71	ppb
Selenium	82-1	512.00	508.31	509.02	509.78	0.38	ppb
Silicon	28-1	575.71	569.54	581.66	575.63	1.05	ppb
Silver	109-1	521.12	516.07	515.03	517.41	0.63	ppb
Silver	107-1	512.28	515.22	512.30	513.27	0.33	ppb
Sodium	23-2	253322.59	249262.92	250931.02	251172.18	0.81	ppb
Strontium	86-1	521.65	526.93	523.83	524.14	0.51	ppb
Strontium	88-1	527.70	523.59	530.48	527.26	0.66	ppb
Sulfur	34-1	11311.72	11147.29	11270.59	11243.20	0.76	ppb
Terbium	159-1				96		%
Terbium	159-2				109		%
Thallium	203-1	525.13	526.14	527.51	526.26	0.23	ppb
Thallium	205-1	522.39	521.09	518.68	520.72	0.36	ppb
Tin	118-1	535.02	528.19	526.54	529.92	0.85	ppb
Titanium	47-1	2571.94	2570.81	2533.90	2558.88	0.85	ppb
Uranium	238-1	507.88	510.58	512.63	510.37	0.47	ppb
Vanadium	51-2	517.07	513.43	517.64	516.05	0.44	ppb
Yttrium	89-1				104		%
Yttrium	89-2				115		%
Zinc	66-2	980.21	976.81	989.25	982.09	0.65	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	520.10	512.32	510.77	514.40	0.97	ppb
Zirconium	91-1	525.39	513.21	525.87	521.49	1.38	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.13	0.42	2.15	0.15	1463.04	ppb
Antimony	121-1	0.91	1.09	1.27	1.09	16.41	ppb
Arsenic	75-2	0.21	0.17	0.09	0.16	39.88	ppb
Barium	135-1	0.07	0.03	0.03	0.04	45.52	ppb
Barium	137-1	0.02	0.03	0.00	0.02	106.34	ppb
Beryllium	9-1	0.08	0.06	0.06	0.07	19.19	ppb
Bismuth	209-1				91		%
Bismuth	209-2				103		%
Boron	10-1	13.25	10.58	13.02	12.28	12.04	ppb
Boron	11-1	13.05	12.22	11.95	12.41	4.62	ppb
Cadmium	111-1	0.01	0.03	0.04	0.02	55.00	ppb
Cadmium	106-1	-0.02	0.32	0.18	0.16	109.30	ppb
Cadmium	108-1	0.01	0.10	0.07	0.06	73.99	ppb
Calcium	43-1	-0.85	4.27	-2.46	0.32	1099.84	ppb
Calcium	44-1	17.22	18.40	16.97	17.53	4.36	ppb
Chromium	52-2	-0.02	-0.08	0.06	-0.01		ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	-0.19	-0.11	-0.15	-0.15		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				106		%
Indium	115-1				101		%
Indium	115-2				113		%
Iron	56-2	2.53	2.39	2.22	2.38	6.53	ppb
Iron	57-2	2.29	3.62	1.83	2.58	35.96	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.01	0.03	0.03	47.67	ppb
Lead	207-1	0.02	0.03	0.02	0.02	35.61	ppb
Lead	208-1	0.04	0.03	0.03	0.03	18.91	ppb
Lithium	6-1				93		%
Magnesium	24-2	1.33	2.53	3.35	2.40	42.26	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.05	0.00	0.02	-0.01		ppb
Molybdenum	94-1	0.77	0.95	0.99	0.91	12.65	ppb
Molybdenum	95-1	0.83	1.19	1.21	1.08	19.68	ppb
Molybdenum	96-1	0.84	1.03	1.34	1.07	23.80	ppb
Molybdenum	97-1	0.86	1.10	1.24	1.07	17.80	ppb
Molybdenum	98-1	0.84	1.11	1.39	1.11	24.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.05	0.01	0.04	70.86	ppb
Phosphorus	31-2	-9.53	-9.43	-9.35	-9.43		ppb
Potassium	39-2	1.75	11.30	9.03	7.36	67.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				111		%
Scandium	45-1				108		%
Scandium	45-2				117		%
Selenium	77-2	-2.52	-2.52	0.72	-1.44		ppb
Selenium	78-2	1.15	2.20	0.13	1.16	89.32	ppb
Selenium	82-1	0.68	0.31	0.51	0.50	37.57	ppb
Silicon	28-1	-10.66	-11.18	-11.22	-11.02		ppb
Silver	109-1	0.02	0.01	0.02	0.02	6.57	ppb
Silver	107-1	0.02	0.02	0.02	0.02	13.84	ppb
Sodium	23-2	62.33	70.36	68.75	67.15	6.33	ppb
Strontium	86-1	0.05	0.01	0.05	0.04	66.47	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	41.83	ppb
Sulfur	34-1	-3282.73	-3268.52	-3157.55	-3236.27		ppb
Terbium	159-1				95		%
Terbium	159-2				107		%
Thallium	203-1	0.10	0.12	0.12	0.12	9.36	ppb
Thallium	205-1	0.12	0.11	0.12	0.12	3.63	ppb
Tin	118-1	0.19	0.24	0.26	0.23	17.15	ppb
Titanium	47-1	0.05	0.09	0.16	0.10	54.66	ppb
Uranium	238-1	0.00	0.00	0.00	0.00		ppb
Vanadium	51-2	-0.02	0.00	0.00	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				115		%
Zinc	66-2	-0.04	-0.04	-0.09	-0.06		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.08	0.09	0.08	10.78	ppb
Zirconium	91-1	0.06	0.08	0.09	0.07	22.07	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BL	Instrumnet Name :	P8
Client Sample ID :	PB108637BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:08:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.39	-1.28	0.42	-0.42		ppb
Antimony	121-1	0.14	0.22	0.29	0.21	35.55	ppb
Arsenic	75-2	0.08	0.01	0.02	0.03	107.22	ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	61.32	ppb
Bismuth	209-1				88		%
Bismuth	209-2				100		%
Boron	10-1	2.93	1.96	2.11	2.33	22.45	ppb
Boron	11-1	2.12	2.01	2.50	2.21	11.52	ppb
Cadmium	111-1	-0.02	0.05	0.00	0.01	283.66	ppb
Cadmium	106-1	-0.20	0.91	0.08	0.26	217.59	ppb
Cadmium	108-1	-0.02	-0.02	-0.02	-0.02		ppb
Calcium	43-1	1.49	-1.84	-0.07	-0.14		ppb
Calcium	44-1	2.21	4.17	6.03	4.13	46.21	ppb
Chromium	52-2	0.00	-0.05	-0.02	-0.02		ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.02		ppb
Copper	63-2	-0.23	-0.27	-0.23	-0.24		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				110		%
Iron	56-2	-0.05	0.01	-0.07	-0.04		ppb
Iron	57-2	0.03	-0.01	1.55	0.52	170.57	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.00	0.00		ppb
Lead	207-1	-0.03	0.00	0.00	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				95		%
Magnesium	24-2	-0.52	-0.76	-1.53	-0.93		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BL	Instrumnet Name :	P8
Client Sample ID :	PB108637BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:08:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.00	-0.02	0.01	359.74	ppb
Molybdenum	94-1	0.09	0.14	0.18	0.14	31.41	ppb
Molybdenum	95-1	0.16	0.14	0.24	0.18	31.42	ppb
Molybdenum	96-1	0.11	0.15	0.26	0.17	43.18	ppb
Molybdenum	97-1	0.11	0.15	0.27	0.18	48.01	ppb
Molybdenum	98-1	0.09	0.17	0.29	0.19	54.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.02	0.00	0.01	102.56	ppb
Phosphorus	31-2	-9.27	-22.22	-9.43	-13.64		ppb
Potassium	39-2	-0.85	-8.35	-6.19	-5.13		ppb
Rhodium	103-1				99		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				117		%
Selenium	77-2	-2.52	-2.52	-2.52	-2.52		ppb
Selenium	78-2	-0.39	0.14	-0.39	-0.21		ppb
Selenium	82-1	-0.40	-0.66	-0.11	-0.39		ppb
Silicon	28-1	-9.05	-6.76	-6.93	-7.58		ppb
Silver	109-1	-0.01	0.00	0.00	0.00		ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	31.73	30.76	24.73	29.07	13.06	ppb
Strontium	86-1	-0.01	0.04	0.04	0.02	122.09	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1567.72	-1283.10	-1181.79	-1344.20		ppb
Terbium	159-1				92		%
Terbium	159-2				104		%
Thallium	203-1	0.03	-0.01	0.00	0.01	220.94	ppb
Thallium	205-1	0.02	0.01	0.01	0.02	30.81	ppb
Tin	118-1	-0.02	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.04	-0.03	-0.07	-0.05		ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				112		%
Zinc	66-2	-0.05	0.06	-0.13	-0.04		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BL	Instrumnet Name :	P8
Client Sample ID :	PB108637BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:08:34	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	24.45	ppb
Zirconium	91-1	0.01	0.03	0.01	0.01	92.26	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9525.18	9592.10	9528.59	9548.63	0.39	ppb
Antimony	121-1	506.65	521.26	511.37	513.09	1.45	ppb
Arsenic	75-2	503.46	502.10	514.18	506.58	1.31	ppb
Barium	135-1	2534.64	2567.09	2564.78	2555.50	0.71	ppb
Barium	137-1	2521.74	2558.31	2575.45	2551.83	1.08	ppb
Beryllium	9-1	506.58	506.58	512.26	508.47	0.64	ppb
Bismuth	209-1				90		%
Bismuth	209-2				101		%
Boron	10-1	479.03	495.62	509.34	494.66	3.07	ppb
Boron	11-1	486.13	491.14	500.46	492.57	1.48	ppb
Cadmium	111-1	503.78	508.37	506.64	506.26	0.46	ppb
Cadmium	106-1	511.96	509.24	517.82	513.01	0.86	ppb
Cadmium	108-1	510.70	515.73	515.23	513.89	0.54	ppb
Calcium	43-1	48036.41	48117.11	48800.73	48318.08	0.87	ppb
Calcium	44-1	48263.50	47728.20	48099.36	48030.35	0.57	ppb
Chromium	52-2	501.12	494.15	499.76	498.34	0.74	ppb
Cobalt	59-2	495.75	488.57	494.30	492.87	0.77	ppb
Copper	63-2	993.85	992.02	995.92	993.93	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				108		%
Indium	115-1				100		%
Indium	115-2				111		%
Iron	56-2	24454.20	24134.94	24400.92	24330.02	0.70	ppb
Iron	57-2	24584.34	24223.04	24327.43	24378.27	0.76	ppb
Krypton	83-1						cps
Lead	206-1	497.92	514.29	495.94	502.72	2.00	ppb
Lead	207-1	488.60	491.95	501.36	493.97	1.34	ppb
Lead	208-1	498.16	501.05	498.29	499.17	0.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	53309.19	51928.67	52355.09	52530.99	1.35	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.71	999.49	1011.84	1009.68	0.92	ppb
Molybdenum	94-1	2467.43	2501.31	2439.39	2469.37	1.26	ppb
Molybdenum	95-1	2466.62	2479.00	2460.67	2468.76	0.38	ppb
Molybdenum	96-1	2459.33	2502.86	2464.62	2475.60	0.96	ppb
Molybdenum	97-1	2470.95	2497.14	2448.04	2472.04	0.99	ppb
Molybdenum	98-1	2476.37	2508.90	2457.68	2480.98	1.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.77	492.63	499.04	497.14	0.79	ppb
Phosphorus	31-2	10751.80	9935.72	10170.87	10286.13	4.08	ppb
Potassium	39-2	25130.02	24593.81	25313.03	25012.29	1.49	ppb
Rhodium	103-1				99		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				118		%
Selenium	77-2	559.61	601.85	487.69	549.71	10.50	ppb
Selenium	78-2	464.63	478.78	501.31	481.57	3.84	ppb
Selenium	82-1	500.81	507.82	502.65	503.76	0.72	ppb
Silicon	28-1	549.85	551.61	553.67	551.71	0.35	ppb
Silver	109-1	512.41	518.54	527.12	519.35	1.42	ppb
Silver	107-1	515.20	514.94	522.28	517.47	0.80	ppb
Sodium	23-2	51072.13	50910.57	50731.14	50904.61	0.34	ppb
Strontium	86-1	497.35	496.50	498.78	497.54	0.23	ppb
Strontium	88-1	504.62	499.40	499.56	501.19	0.59	ppb
Sulfur	34-1	11923.99	11063.73	11340.81	11442.84	3.84	ppb
Terbium	159-1				96		%
Terbium	159-2				108		%
Thallium	203-1	499.52	504.40	497.08	500.33	0.75	ppb
Thallium	205-1	501.59	495.27	494.55	497.14	0.78	ppb
Tin	118-1	510.50	521.12	516.48	516.03	1.03	ppb
Titanium	47-1	2482.11	2491.51	2519.07	2497.57	0.77	ppb
Uranium	238-1	478.47	482.05	481.04	480.52	0.38	ppb
Vanadium	51-2	504.94	497.74	508.40	503.69	1.08	ppb
Yttrium	89-1				104		%
Yttrium	89-2				116		%
Zinc	66-2	1008.48	987.15	1000.70	998.78	1.08	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.91	499.19	494.00	496.70	0.52	ppb
Zirconium	91-1	500.07	509.83	494.35	501.42	1.56	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	55851.95	54212.77	55276.82	55113.85	1.51	ppb
Antimony	121-1	1.93	2.16	2.32	2.14	9.23	ppb
Arsenic	75-2	17.00	15.98	15.92	16.30	3.71	ppb
Barium	135-1	387.95	390.81	391.18	389.98	0.45	ppb
Barium	137-1	395.79	393.41	391.50	393.57	0.55	ppb
Beryllium	9-1	4.45	4.76	4.68	4.63	3.53	ppb
Bismuth	209-1				83		%
Bismuth	209-2				94		%
Boron	10-1	40.20	40.03	41.02	40.42	1.30	ppb
Boron	11-1	41.41	40.00	37.64	39.68	4.80	ppb
Cadmium	111-1	1.12	1.21	1.10	1.14	5.05	ppb
Cadmium	106-1	6.70	8.42	6.52	7.21	14.60	ppb
Cadmium	108-1	3.33	3.40	3.26	3.33	2.20	ppb
Calcium	43-1	40089.52	40254.16	40130.74	40158.14	0.21	ppb
Calcium	44-1	40079.53	40048.17	39951.35	40026.35	0.17	ppb
Chromium	52-2	180.92	178.03	180.13	179.69	0.83	ppb
Cobalt	59-2	46.22	45.03	45.66	45.64	1.30	ppb
Copper	63-2	248.46	242.58	245.66	245.57	1.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				89		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				110		%
Iron	56-2	89018.49	86968.23	87987.46	87991.39	1.17	ppb
Iron	57-2	90687.67	89083.16	89951.10	89907.31	0.89	ppb
Krypton	83-1						cps
Lead	206-1	321.97	324.53	318.04	321.51	1.02	ppb
Lead	207-1	283.55	284.74	279.25	282.51	1.02	ppb
Lead	208-1	305.18	309.57	301.32	305.36	1.35	ppb
Lithium	6-1				89		%
Magnesium	24-2	20763.79	20385.86	20619.72	20589.79	0.93	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3239.82	3163.09	3233.98	3212.30	1.33	ppb
Molybdenum	94-1	41.66	42.11	41.53	41.77	0.73	ppb
Molybdenum	95-1	2.27	2.73	2.86	2.62	11.76	ppb
Molybdenum	96-1	7.27	7.64	8.01	7.64	4.80	ppb
Molybdenum	97-1	2.23	2.69	2.85	2.59	12.52	ppb
Molybdenum	98-1	2.26	2.65	2.83	2.58	11.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.42	114.13	114.87	114.81	0.56	ppb
Phosphorus	31-2	2598.57	2787.33	2764.69	2716.86	3.79	ppb
Potassium	39-2	7754.08	7788.97	7710.92	7751.32	0.50	ppb
Rhodium	103-1				95		%
Rhodium	103-2				107		%
Scandium	45-1				113		%
Scandium	45-2				127		%
Selenium	77-2	129.70	166.65	154.64	150.33	12.54	ppb
Selenium	78-2	20.15	24.68	20.10	21.64	12.13	ppb
Selenium	82-1	2.80	2.38	1.96	2.38	17.50	ppb
Silicon	28-1	3526.47	3009.78	2684.80	3073.68	13.81	ppb
Silver	109-1	0.82	0.85	0.87	0.85	2.64	ppb
Silver	107-1	0.85	0.86	0.85	0.85	0.29	ppb
Sodium	23-2	9494.77	9212.43	9327.35	9344.85	1.52	ppb
Strontium	86-1	413.96	419.16	415.26	416.12	0.65	ppb
Strontium	88-1	422.09	418.45	417.97	419.50	0.54	ppb
Sulfur	34-1	-3505.32	-3751.78	-3817.39	-3691.49		ppb
Terbium	159-1				91		%
Terbium	159-2				103		%
Thallium	203-1	0.82	0.79	0.78	0.80	2.40	ppb
Thallium	205-1	0.79	0.79	0.74	0.77	4.09	ppb
Tin	118-1	5.79	5.75	5.82	5.79	0.62	ppb
Titanium	47-1	848.79	872.28	830.46	850.51	2.47	ppb
Uranium	238-1	2.84	2.83	2.88	2.85	0.81	ppb
Vanadium	51-2	130.57	126.74	129.54	128.95	1.54	ppb
Yttrium	89-1				115		%
Yttrium	89-2				133		%
Zinc	66-2	512.35	497.48	507.19	505.67	1.49	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	26.77	27.09	26.47	26.77	1.15	ppb
Zirconium	91-1	26.98	26.81	26.92	26.90	0.32	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	56310.84	53606.10	54394.79	54770.58	2.54	ppb
Antimony	121-1	0.65	0.66	0.85	0.72	15.70	ppb
Arsenic	75-2	16.75	16.27	15.54	16.19	3.75	ppb
Barium	135-1	390.78	388.26	390.39	389.81	0.35	ppb
Barium	137-1	387.72	386.70	391.10	388.51	0.59	ppb
Beryllium	9-1	4.20	4.33	4.26	4.27	1.53	ppb
Bismuth	209-1				81		%
Bismuth	209-2				92		%
Boron	10-1	26.85	28.07	28.44	27.79	2.99	ppb
Boron	11-1	27.99	31.63	28.59	29.40	6.65	ppb
Cadmium	111-1	1.21	1.13	1.15	1.16	3.22	ppb
Cadmium	106-1	6.62	5.92	7.62	6.72	12.71	ppb
Cadmium	108-1	3.01	2.70	3.23	2.98	8.96	ppb
Calcium	43-1	40114.93	40119.77	40078.02	40104.24	0.06	ppb
Calcium	44-1	39682.95	40071.04	39981.85	39911.95	0.51	ppb
Chromium	52-2	182.15	173.49	176.26	177.30	2.49	ppb
Cobalt	59-2	46.88	44.34	45.22	45.48	2.84	ppb
Copper	63-2	249.07	239.35	241.48	243.30	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				87		%
Holmium	165-2				101		%
Indium	115-1				95		%
Indium	115-2				108		%
Iron	56-2	89101.28	84130.71	85447.48	86226.49	2.99	ppb
Iron	57-2	91002.19	86654.47	88113.93	88590.20	2.50	ppb
Krypton	83-1						cps
Lead	206-1	314.11	314.72	319.18	316.00	0.88	ppb
Lead	207-1	277.93	278.23	279.93	278.70	0.39	ppb
Lead	208-1	301.02	299.52	302.44	301.00	0.49	ppb
Lithium	6-1				88		%
Magnesium	24-2	21122.27	20304.20	20532.71	20653.06	2.04	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3345.98	3191.22	3223.31	3253.50	2.51	ppb
Molybdenum	94-1	39.30	40.00	41.05	40.11	2.20	ppb
Molybdenum	95-1	1.39	1.45	1.55	1.47	5.44	ppb
Molybdenum	96-1	6.27	6.20	6.68	6.38	4.09	ppb
Molybdenum	97-1	1.25	1.45	1.57	1.42	11.45	ppb
Molybdenum	98-1	1.33	1.37	1.52	1.41	6.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.58	112.75	114.32	114.55	1.68	ppb
Phosphorus	31-2	2536.22	2930.18	2449.31	2638.57	9.71	ppb
Potassium	39-2	7766.96	7302.98	7437.57	7502.50	3.18	ppb
Rhodium	103-1				95		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				126		%
Selenium	77-2	157.01	150.32	132.31	146.54	8.72	ppb
Selenium	78-2	19.31	27.02	21.46	22.59	17.61	ppb
Selenium	82-1	2.43	1.19	1.65	1.76	35.63	ppb
Silicon	28-1	2744.46	3127.96	2796.76	2889.73	7.20	ppb
Silver	109-1	0.86	0.85	0.85	0.85	0.72	ppb
Silver	107-1	0.86	0.85	0.85	0.85	0.45	ppb
Sodium	23-2	9476.08	9104.40	9194.55	9258.34	2.09	ppb
Strontium	86-1	404.20	403.85	406.86	404.97	0.41	ppb
Strontium	88-1	407.98	405.74	408.57	407.43	0.37	ppb
Sulfur	34-1	-4304.35	-4379.93	-4381.87	-4355.39		ppb
Terbium	159-1				89		%
Terbium	159-2				101		%
Thallium	203-1	0.70	0.71	0.69	0.70	1.28	ppb
Thallium	205-1	0.71	0.67	0.70	0.69	3.39	ppb
Tin	118-1	5.62	5.67	5.73	5.67	0.98	ppb
Titanium	47-1	818.69	822.64	821.91	821.08	0.26	ppb
Uranium	238-1	2.75	2.83	2.79	2.79	1.45	ppb
Vanadium	51-2	131.97	124.83	126.60	127.80	2.91	ppb
Yttrium	89-1				114		%
Yttrium	89-2				131		%
Zinc	66-2	505.16	476.59	486.37	489.37	2.97	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	25.89	26.08	26.51	26.16	1.20	ppb
Zirconium	91-1	26.28	26.21	25.87	26.12	0.84	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11322.66	11221.68	11418.57	11320.97	0.87	ppb
Antimony	121-1	0.21	0.27	0.34	0.28	23.04	ppb
Arsenic	75-2	3.45	3.35	3.95	3.58	8.97	ppb
Barium	135-1	77.78	77.38	77.53	77.56	0.26	ppb
Barium	137-1	77.57	78.52	79.29	78.46	1.10	ppb
Beryllium	9-1	0.99	1.01	0.90	0.96	5.83	ppb
Bismuth	209-1				80		%
Bismuth	209-2				95		%
Boron	10-1	9.11	9.89	8.84	9.28	5.90	ppb
Boron	11-1	9.88	9.71	9.31	9.63	3.03	ppb
Cadmium	111-1	0.20	0.15	0.23	0.19	19.10	ppb
Cadmium	106-1	1.55	0.67	1.44	1.22	39.49	ppb
Cadmium	108-1	0.68	0.86	0.71	0.75	13.25	ppb
Calcium	43-1	8382.11	8294.42	8404.86	8360.46	0.70	ppb
Calcium	44-1	8464.48	8337.79	8493.94	8432.07	0.98	ppb
Chromium	52-2	37.10	36.92	36.88	36.97	0.32	ppb
Cobalt	59-2	9.33	9.31	9.21	9.28	0.71	ppb
Copper	63-2	50.42	51.03	51.02	50.82	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				112		%
Iron	56-2	18113.99	18069.71	18464.14	18215.95	1.19	ppb
Iron	57-2	18030.39	18208.53	18388.42	18209.11	0.98	ppb
Krypton	83-1						cps
Lead	206-1	63.13	61.72	61.41	62.09	1.48	ppb
Lead	207-1	55.94	55.06	53.54	54.85	2.21	ppb
Lead	208-1	58.73	57.76	57.27	57.92	1.28	ppb
Lithium	6-1				89		%
Magnesium	24-2	4245.14	4221.03	4301.08	4255.75	0.96	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	654.67	663.56	674.42	664.22	1.49	ppb
Molybdenum	94-1	8.82	8.85	8.82	8.83	0.16	ppb
Molybdenum	95-1	0.41	0.46	0.50	0.46	9.78	ppb
Molybdenum	96-1	1.39	1.47	1.64	1.50	8.45	ppb
Molybdenum	97-1	0.37	0.53	0.53	0.48	19.34	ppb
Molybdenum	98-1	0.36	0.45	0.50	0.44	16.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.47	23.78	24.20	23.82	1.55	ppb
Phosphorus	31-2	469.16	544.70	465.74	493.20	9.05	ppb
Potassium	39-2	1528.06	1590.99	1568.59	1562.55	2.04	ppb
Rhodium	103-1				96		%
Rhodium	103-2				109		%
Scandium	45-1				108		%
Scandium	45-2				124		%
Selenium	77-2	34.15	34.62	22.30	30.36	23.00	ppb
Selenium	78-2	5.92	7.47	6.51	6.63	11.85	ppb
Selenium	82-1	0.44	0.63	0.14	0.40	61.26	ppb
Silicon	28-1	449.95	2739.13	778.23	1322.44	93.60	ppb
Silver	109-1	0.16	0.14	0.16	0.15	8.88	ppb
Silver	107-1	0.16	0.17	0.16	0.16	4.82	ppb
Sodium	23-2	1943.54	1929.92	1933.15	1935.54	0.37	ppb
Strontium	86-1	89.65	88.84	90.50	89.66	0.93	ppb
Strontium	88-1	94.09	92.56	94.48	93.71	1.09	ppb
Sulfur	34-1	-5446.58	-5499.77	-5342.88	-5429.74		ppb
Terbium	159-1				87		%
Terbium	159-2				103		%
Thallium	203-1	0.13	0.16	0.14	0.14	11.74	ppb
Thallium	205-1	0.17	0.13	0.14	0.15	13.03	ppb
Tin	118-1	1.16	1.17	1.22	1.18	3.03	ppb
Titanium	47-1	169.61	182.64	169.24	173.83	4.39	ppb
Uranium	238-1	0.52	0.54	0.51	0.52	2.97	ppb
Vanadium	51-2	25.94	26.20	27.50	26.55	3.16	ppb
Yttrium	89-1				103		%
Yttrium	89-2				121		%
Zinc	66-2	106.91	109.35	108.11	108.12	1.13	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	6.19	5.68	5.74	5.87	4.75	ppb
Zirconium	91-1	37.21	5.57	5.71	16.16	112.79	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	66553.67	67374.87	67548.16	67158.90	0.79	ppb
Antimony	121-1	271.56	273.08	270.50	271.71	0.48	ppb
Arsenic	75-2	437.38	431.47	437.93	435.59	0.82	ppb
Barium	135-1	2927.00	2945.88	2923.18	2932.02	0.41	ppb
Barium	137-1	2909.88	2925.28	2899.47	2911.54	0.45	ppb
Beryllium	9-1	504.69	504.33	505.71	504.91	0.14	ppb
Bismuth	209-1				81		%
Bismuth	209-2				92		%
Boron	10-1	500.13	516.11	519.26	511.83	2.00	ppb
Boron	11-1	490.99	509.94	514.56	505.16	2.47	ppb
Cadmium	111-1	496.28	498.82	492.74	495.95	0.62	ppb
Cadmium	106-1	499.15	499.26	508.17	502.20	1.03	ppb
Cadmium	108-1	502.42	506.34	497.53	502.09	0.88	ppb
Calcium	43-1	85320.13	87345.03	87500.80	86721.99	1.40	ppb
Calcium	44-1	83727.51	85237.30	86565.69	85176.83	1.67	ppb
Chromium	52-2	618.26	621.48	624.97	621.57	0.54	ppb
Cobalt	59-2	490.72	491.56	494.16	492.15	0.36	ppb
Copper	63-2	1123.47	1118.05	1112.55	1118.02	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				88		%
Holmium	165-2				103		%
Indium	115-1				93		%
Indium	115-2				106		%
Iron	56-2	109953.00	109644.24	110184.62	109927.29	0.25	ppb
Iron	57-2	112385.78	111989.02	112628.35	112334.38	0.29	ppb
Krypton	83-1						cps
Lead	206-1	918.85	931.34	931.11	927.10	0.77	ppb
Lead	207-1	870.66	878.36	884.61	877.88	0.80	ppb
Lead	208-1	895.48	897.17	904.35	899.00	0.52	ppb
Lithium	6-1				87		%
Magnesium	24-2	67041.33	68236.36	67563.13	67613.61	0.89	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4098.32	4068.51	4095.80	4087.54	0.40	ppb
Molybdenum	94-1	1994.25	2017.46	1979.07	1996.93	0.97	ppb
Molybdenum	95-1	2010.92	2027.98	2002.38	2013.76	0.65	ppb
Molybdenum	96-1	2015.63	2001.08	1991.23	2002.65	0.61	ppb
Molybdenum	97-1	1975.36	2010.41	1990.41	1992.06	0.88	ppb
Molybdenum	98-1	1995.61	2006.07	1990.19	1997.29	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.75	570.74	571.34	568.94	0.64	ppb
Phosphorus	31-2	2923.99	2836.95	2938.82	2899.92	1.90	ppb
Potassium	39-2	30069.12	30294.08	30532.65	30298.62	0.77	ppb
Rhodium	103-1				92		%
Rhodium	103-2				102		%
Scandium	45-1				112		%
Scandium	45-2				125		%
Selenium	77-2	675.91	530.46	628.95	611.77	12.13	ppb
Selenium	78-2	442.70	430.41	458.88	443.99	3.22	ppb
Selenium	82-1	420.93	424.33	412.36	419.21	1.47	ppb
Silicon	28-1	5124.25	4035.95	3874.46	4344.89	15.65	ppb
Silver	109-1	40.39	40.39	39.94	40.24	0.64	ppb
Silver	107-1	40.69	40.60	40.20	40.50	0.64	ppb
Sodium	23-2	53286.19	53782.94	54436.03	53835.05	1.07	ppb
Strontium	86-1	930.59	933.30	917.71	927.20	0.90	ppb
Strontium	88-1	929.61	923.74	918.41	923.92	0.61	ppb
Sulfur	34-1	-3721.77	-3538.96	-3711.93	-3657.55		ppb
Terbium	159-1				89		%
Terbium	159-2				103		%
Thallium	203-1	502.06	508.23	511.90	507.40	0.98	ppb
Thallium	205-1	502.57	502.24	509.45	504.75	0.81	ppb
Tin	118-1	513.12	519.27	516.61	516.33	0.60	ppb
Titanium	47-1	3160.05	3211.01	3261.19	3210.75	1.57	ppb
Uranium	238-1	473.76	474.99	477.39	475.38	0.39	ppb
Vanadium	51-2	616.67	621.07	621.67	619.80	0.44	ppb
Yttrium	89-1				113		%
Yttrium	89-2				130		%
Zinc	66-2	1269.24	1275.73	1284.15	1276.37	0.59	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	414.45	410.17	407.71	410.78	0.83	ppb
Zirconium	91-1	408.31	413.52	411.15	410.99	0.63	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	68398.36	67159.00	66673.79	67410.38	1.32	ppb
Antimony	121-1	307.89	314.03	309.51	310.48	1.03	ppb
Arsenic	75-2	460.90	463.53	464.93	463.12	0.44	ppb
Barium	135-1	3061.02	3116.26	3104.23	3093.84	0.94	ppb
Barium	137-1	3031.54	3111.47	3089.89	3077.63	1.34	ppb
Beryllium	9-1	543.88	534.32	528.84	535.68	1.42	ppb
Bismuth	209-1				83		%
Bismuth	209-2				90		%
Boron	10-1	548.88	530.95	539.57	539.80	1.66	ppb
Boron	11-1	537.25	540.08	548.25	541.86	1.05	ppb
Cadmium	111-1	518.42	531.56	525.48	525.15	1.25	ppb
Cadmium	106-1	531.88	542.74	536.19	536.94	1.02	ppb
Cadmium	108-1	530.64	529.11	532.87	530.87	0.36	ppb
Calcium	43-1	94536.68	94276.47	93794.88	94202.68	0.40	ppb
Calcium	44-1	92615.86	91658.02	92219.11	92164.33	0.52	ppb
Chromium	52-2	681.48	672.88	669.78	674.71	0.90	ppb
Cobalt	59-2	520.99	515.21	514.28	516.82	0.70	ppb
Copper	63-2	1169.76	1163.05	1140.71	1157.84	1.31	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				89		%
Holmium	165-2				99		%
Indium	115-1				94		%
Indium	115-2				102		%
Iron	56-2	106807.41	104536.86	105389.27	105577.85	1.09	ppb
Iron	57-2	109168.82	107021.61	108600.48	108263.64	1.03	ppb
Krypton	83-1						cps
Lead	206-1	871.89	880.35	877.67	876.64	0.49	ppb
Lead	207-1	840.73	814.40	836.57	830.57	1.70	ppb
Lead	208-1	847.38	843.33	850.99	847.23	0.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	70868.93	69398.89	70376.86	70214.89	1.07	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4350.23	4322.02	4207.59	4293.28	1.76	ppb
Molybdenum	94-1	2138.48	2160.13	2142.73	2147.11	0.53	ppb
Molybdenum	95-1	2154.04	2152.86	2139.99	2148.96	0.36	ppb
Molybdenum	96-1	2133.27	2140.87	2153.82	2142.66	0.48	ppb
Molybdenum	97-1	2119.25	2152.98	2124.06	2132.10	0.86	ppb
Molybdenum	98-1	2125.65	2166.43	2141.79	2144.62	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	606.61	595.98	594.35	598.98	1.11	ppb
Phosphorus	31-2	2755.36	2716.55	2738.33	2736.75	0.71	ppb
Potassium	39-2	31512.21	30830.42	31058.37	31133.67	1.11	ppb
Rhodium	103-1				93		%
Rhodium	103-2				99		%
Scandium	45-1				113		%
Scandium	45-2				121		%
Selenium	77-2	600.03	675.68	618.11	631.27	6.26	ppb
Selenium	78-2	458.72	471.15	486.78	472.22	2.98	ppb
Selenium	82-1	444.39	442.05	451.72	446.05	1.13	ppb
Silicon	28-1	5567.96	5531.48	8220.71	6440.05	23.95	ppb
Silver	109-1	39.02	39.70	39.21	39.31	0.89	ppb
Silver	107-1	38.96	39.90	39.56	39.48	1.20	ppb
Sodium	23-2	57056.74	57032.23	56924.68	57004.55	0.12	ppb
Strontium	86-1	930.70	943.93	950.90	941.84	1.09	ppb
Strontium	88-1	950.72	938.48	950.39	946.53	0.74	ppb
Sulfur	34-1	-3869.91	-4136.86	-4220.32	-4075.70		ppb
Terbium	159-1				91		%
Terbium	159-2				100		%
Thallium	203-1	539.43	526.37	539.58	535.12	1.42	ppb
Thallium	205-1	533.90	525.87	541.07	533.61	1.43	ppb
Tin	118-1	537.43	546.15	540.16	541.25	0.82	ppb
Titanium	47-1	3507.81	3512.93	3533.72	3518.16	0.39	ppb
Uranium	238-1	504.66	510.91	508.31	507.96	0.62	ppb
Vanadium	51-2	626.39	618.32	617.80	620.84	0.78	ppb
Yttrium	89-1				115		%
Yttrium	89-2				124		%
Zinc	66-2	1318.07	1304.46	1304.25	1308.92	0.61	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	433.76	428.40	433.73	431.96	0.71	ppb
Zirconium	91-1	435.51	435.62	436.39	435.84	0.11	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	67687.67	66924.95	66624.72	67079.11	0.82	ppb
Antimony	121-1	289.02	294.55	293.77	292.45	1.02	ppb
Arsenic	75-2	446.77	447.70	456.46	450.31	1.19	ppb
Barium	135-1	2961.03	3049.25	3020.78	3010.35	1.50	ppb
Barium	137-1	2958.63	3004.11	3013.19	2991.97	0.98	ppb
Beryllium	9-1	514.81	512.86	518.29	515.32	0.53	ppb
Bismuth	209-1				84		%
Bismuth	209-2				95		%
Boron	10-1	532.06	528.59	547.10	535.92	1.84	ppb
Boron	11-1	520.01	529.79	540.14	529.98	1.90	ppb
Cadmium	111-1	499.92	514.02	514.30	509.42	1.61	ppb
Cadmium	106-1	518.68	527.31	529.32	525.10	1.08	ppb
Cadmium	108-1	514.11	519.66	527.37	520.38	1.28	ppb
Calcium	43-1	90444.94	89839.18	89577.93	89954.02	0.49	ppb
Calcium	44-1	87873.23	88708.04	89021.80	88534.36	0.67	ppb
Chromium	52-2	658.49	648.16	646.01	650.89	1.03	ppb
Cobalt	59-2	510.74	502.31	502.31	505.12	0.96	ppb
Copper	63-2	1155.20	1130.81	1128.09	1138.03	1.31	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				91		%
Holmium	165-2				104		%
Indium	115-1				94		%
Indium	115-2				106		%
Iron	56-2	109599.03	107516.36	107153.62	108089.67	1.22	ppb
Iron	57-2	111849.07	108653.65	109599.01	110033.91	1.49	ppb
Krypton	83-1						cps
Lead	206-1	890.12	891.07	895.42	892.20	0.32	ppb
Lead	207-1	844.29	853.73	844.78	847.60	0.63	ppb
Lead	208-1	866.79	874.51	870.10	870.47	0.45	ppb
Lithium	6-1				90		%
Magnesium	24-2	69239.08	68703.61	68554.60	68832.43	0.52	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4274.30	4232.90	4151.65	4219.62	1.48	ppb
Molybdenum	94-1	2077.40	2092.87	2081.43	2083.90	0.39	ppb
Molybdenum	95-1	2099.18	2057.17	2071.62	2075.99	1.03	ppb
Molybdenum	96-1	2071.29	2056.83	2096.64	2074.92	0.97	ppb
Molybdenum	97-1	2090.41	2075.24	2076.03	2080.56	0.41	ppb
Molybdenum	98-1	2099.18	2061.17	2058.32	2072.89	1.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.82	584.18	581.62	585.21	0.72	ppb
Phosphorus	31-2	2419.02	2676.81	2712.58	2602.80	6.15	ppb
Potassium	39-2	31160.27	30633.73	30444.56	30746.19	1.21	ppb
Rhodium	103-1				93		%
Rhodium	103-2				104		%
Scandium	45-1				113		%
Scandium	45-2				125		%
Selenium	77-2	647.29	658.43	634.46	646.73	1.85	ppb
Selenium	78-2	461.53	443.66	474.57	459.92	3.37	ppb
Selenium	82-1	438.50	429.24	428.47	432.07	1.29	ppb
Silicon	28-1	5578.30	4543.35	5310.05	5143.90	10.44	ppb
Silver	109-1	43.65	39.32	39.88	40.95	5.74	ppb
Silver	107-1	47.11	40.16	43.85	43.71	7.95	ppb
Sodium	23-2	55910.10	55846.35	55438.75	55731.73	0.46	ppb
Strontium	86-1	945.30	934.39	943.46	941.05	0.62	ppb
Strontium	88-1	937.36	938.88	939.33	938.53	0.11	ppb
Sulfur	34-1	-4083.34	-4138.50	-4296.90	-4172.91		ppb
Terbium	159-1				91		%
Terbium	159-2				103		%
Thallium	203-1	522.88	520.44	518.80	520.71	0.39	ppb
Thallium	205-1	517.48	520.35	511.68	516.50	0.86	ppb
Tin	118-1	520.50	533.73	528.79	527.67	1.27	ppb
Titanium	47-1	3334.09	3368.21	3348.79	3350.36	0.51	ppb
Uranium	238-1	494.15	497.90	498.11	496.72	0.45	ppb
Vanadium	51-2	630.64	620.82	619.16	623.54	0.99	ppb
Yttrium	89-1				116		%
Yttrium	89-2				129		%
Zinc	66-2	1306.85	1290.67	1282.02	1293.18	0.97	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	422.87	424.13	423.09	423.36	0.16	ppb
Zirconium	91-1	429.76	425.92	420.75	425.48	1.06	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49813.65	49882.38	50500.96	50065.67	0.76	ppb
Antimony	121-1	0.19	0.19	0.25	0.21	16.07	ppb
Arsenic	75-2	14.57	15.27	15.34	15.06	2.82	ppb
Barium	135-1	621.04	624.99	627.14	624.39	0.50	ppb
Barium	137-1	626.80	639.33	640.93	635.69	1.22	ppb
Beryllium	9-1	3.65	3.77	3.70	3.70	1.56	ppb
Bismuth	209-1				81		%
Bismuth	209-2				94		%
Boron	10-1	38.93	35.84	30.76	35.18	11.73	ppb
Boron	11-1	36.81	33.95	33.11	34.62	5.60	ppb
Cadmium	111-1	1.04	1.13	1.04	1.07	4.99	ppb
Cadmium	106-1	5.72	5.57	3.17	4.82	29.69	ppb
Cadmium	108-1	2.85	2.56	2.75	2.72	5.53	ppb
Calcium	43-1	17201.69	17431.16	17101.27	17244.71	0.98	ppb
Calcium	44-1	17009.77	17222.65	17054.97	17095.80	0.66	ppb
Chromium	52-2	110.09	111.21	110.79	110.70	0.51	ppb
Cobalt	59-2	59.19	59.62	60.16	59.66	0.82	ppb
Copper	63-2	284.52	286.54	290.80	287.29	1.12	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				89		%
Holmium	165-2				103		%
Indium	115-1				95		%
Indium	115-2				109		%
Iron	56-2	72158.55	72272.96	72649.36	72360.29	0.35	ppb
Iron	57-2	73336.24	74323.94	75565.95	74408.71	1.50	ppb
Krypton	83-1						cps
Lead	206-1	62.34	63.01	63.61	62.99	1.01	ppb
Lead	207-1	55.68	56.28	55.73	55.89	0.59	ppb
Lead	208-1	59.17	59.51	59.11	59.26	0.36	ppb
Lithium	6-1				89		%
Magnesium	24-2	24263.53	25121.98	24999.28	24794.93	1.87	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4503.08	4528.16	4503.76	4511.66	0.32	ppb
Molybdenum	94-1	26.87	27.29	28.39	27.52	2.86	ppb
Molybdenum	95-1	2.89	3.23	3.50	3.21	9.42	ppb
Molybdenum	96-1	6.06	6.36	6.46	6.29	3.29	ppb
Molybdenum	97-1	2.78	3.34	3.28	3.13	9.90	ppb
Molybdenum	98-1	2.80	3.22	3.44	3.16	10.20	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	150.75	149.98	150.36	150.36	0.25	ppb
Phosphorus	31-2	2146.00	2365.10	2570.84	2360.65	9.00	ppb
Potassium	39-2	7580.83	7760.46	7709.96	7683.75	1.21	ppb
Rhodium	103-1				95		%
Rhodium	103-2				105		%
Scandium	45-1				110		%
Scandium	45-2				124		%
Selenium	77-2	130.74	145.02	105.73	127.16	15.64	ppb
Selenium	78-2	24.82	20.78	25.84	23.81	11.23	ppb
Selenium	82-1	1.90	1.28	1.25	1.47	24.92	ppb
Silicon	28-1	2484.69	2046.57	2182.49	2237.92	10.02	ppb
Silver	109-1	0.20	0.19	0.20	0.20	1.83	ppb
Silver	107-1	0.20	0.18	0.19	0.19	6.13	ppb
Sodium	23-2	7563.47	7461.01	7562.72	7529.07	0.78	ppb
Strontium	86-1	116.87	118.95	122.29	119.37	2.29	ppb
Strontium	88-1	120.19	122.65	122.93	121.92	1.24	ppb
Sulfur	34-1	-4861.31	-4907.31	-5101.89	-4956.84		ppb
Terbium	159-1				90		%
Terbium	159-2				102		%
Thallium	203-1	1.31	1.23	1.21	1.25	3.99	ppb
Thallium	205-1	1.35	1.30	1.18	1.27	6.97	ppb
Tin	118-1	1.69	1.70	1.70	1.69	0.41	ppb
Titanium	47-1	953.65	969.70	939.01	954.12	1.61	ppb
Uranium	238-1	3.81	3.76	3.78	3.78	0.62	ppb
Vanadium	51-2	112.00	113.38	114.34	113.24	1.04	ppb
Yttrium	89-1				116		%
Yttrium	89-2				132		%
Zinc	66-2	209.27	209.97	214.49	211.24	1.34	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.58	16.88	16.87	16.78	1.01	ppb
Zirconium	91-1	16.06	16.88	16.85	16.60	2.79	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	62600.29	62999.52	63123.18	62907.66	0.43	ppb
Antimony	121-1	0.21	0.22	0.26	0.23	10.95	ppb
Arsenic	75-2	21.25	20.26	20.62	20.71	2.41	ppb
Barium	135-1	533.91	537.61	537.32	536.28	0.38	ppb
Barium	137-1	539.67	537.23	543.70	540.20	0.61	ppb
Beryllium	9-1	3.99	3.91	4.21	4.04	3.76	ppb
Bismuth	209-1				81		%
Bismuth	209-2				93		%
Boron	10-1	26.94	25.02	23.44	25.13	6.98	ppb
Boron	11-1	24.88	25.02	23.80	24.57	2.72	ppb
Cadmium	111-1	1.19	0.99	1.07	1.09	9.24	ppb
Cadmium	106-1	9.11	6.62	7.99	7.91	15.73	ppb
Cadmium	108-1	3.23	4.19	3.61	3.68	13.05	ppb
Calcium	43-1	85102.84	87315.81	85291.11	85903.25	1.43	ppb
Calcium	44-1	86045.19	85463.02	84994.12	85500.78	0.62	ppb
Chromium	52-2	154.23	155.69	156.05	155.32	0.62	ppb
Cobalt	59-2	52.29	52.82	52.88	52.66	0.61	ppb
Copper	63-2	176.83	177.52	178.27	177.54	0.40	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				87		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				108		%
Iron	56-2	96335.31	96652.89	96210.23	96399.48	0.24	ppb
Iron	57-2	98409.40	98635.50	99343.20	98796.03	0.49	ppb
Krypton	83-1						cps
Lead	206-1	271.36	275.18	280.96	275.83	1.75	ppb
Lead	207-1	245.02	246.27	250.64	247.31	1.19	ppb
Lead	208-1	262.28	263.87	267.08	264.41	0.93	ppb
Lithium	6-1				89		%
Magnesium	24-2	34051.99	34685.79	33756.09	34164.63	1.39	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	4599.43	4631.36	4635.50	4622.10	0.43	ppb
Molybdenum	94-1	76.26	53.64	53.90	61.27	21.19	ppb
Molybdenum	95-1	2.81	2.85	2.90	2.86	1.62	ppb
Molybdenum	96-1	9.08	9.29	9.42	9.26	1.85	ppb
Molybdenum	97-1	2.87	2.85	2.86	2.86	0.29	ppb
Molybdenum	98-1	2.85	2.84	2.83	2.84	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	124.03	126.15	125.93	125.37	0.93	ppb
Phosphorus	31-2	2646.86	2559.26	2571.16	2592.42	1.83	ppb
Potassium	39-2	7240.34	7332.30	7260.62	7277.75	0.66	ppb
Rhodium	103-1				93		%
Rhodium	103-2				105		%
Scandium	45-1				112		%
Scandium	45-2				126		%
Selenium	77-2	148.61	137.39	166.45	150.82	9.72	ppb
Selenium	78-2	27.96	31.84	30.39	30.06	6.51	ppb
Selenium	82-1	2.32	3.20	2.66	2.73	16.24	ppb
Silicon	28-1	5617.43	7306.42	5693.13	6205.66	15.37	ppb
Silver	109-1	0.28	0.26	0.29	0.28	6.09	ppb
Silver	107-1	0.29	0.28	0.29	0.28	2.68	ppb
Sodium	23-2	2960.77	2997.44	3015.78	2991.33	0.94	ppb
Strontium	86-1	307.24	306.03	307.40	306.89	0.24	ppb
Strontium	88-1	312.70	304.64	308.95	308.76	1.31	ppb
Sulfur	34-1	-769.80	-425.10	-727.37	-640.76		ppb
Terbium	159-1				89		%
Terbium	159-2				103		%
Thallium	203-1	1.00	1.07	1.08	1.05	4.36	ppb
Thallium	205-1	1.05	1.07	1.05	1.06	0.90	ppb
Tin	118-1	3.11	3.24	3.36	3.24	3.80	ppb
Titanium	47-1	1305.66	1276.48	1252.72	1278.29	2.07	ppb
Uranium	238-1	5.04	4.95	5.06	5.02	1.11	ppb
Vanadium	51-2	135.63	138.67	138.84	137.71	1.31	ppb
Yttrium	89-1				118		%
Yttrium	89-2				136		%
Zinc	66-2	299.86	305.92	305.21	303.66	1.09	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	35.51	34.50	34.64	34.88	1.56	ppb
Zirconium	91-1	34.14	33.69	34.57	34.13	1.30	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51060.24	50636.78	50497.71	50731.58	0.58	ppb
Antimony	121-1	525.50	524.58	526.22	525.44	0.16	ppb
Arsenic	75-2	510.14	505.50	500.43	505.36	0.96	ppb
Barium	135-1	2622.08	2636.61	2642.26	2633.65	0.40	ppb
Barium	137-1	2629.04	2637.20	2601.59	2622.61	0.71	ppb
Beryllium	9-1	552.86	538.31	531.52	540.90	2.02	ppb
Bismuth	209-1				84		%
Bismuth	209-2				98		%
Boron	10-1	550.94	548.90	556.77	552.20	0.74	ppb
Boron	11-1	544.72	546.04	555.60	548.79	1.08	ppb
Cadmium	111-1	511.07	518.39	511.84	513.77	0.78	ppb
Cadmium	106-1	529.97	524.79	535.12	529.96	0.97	ppb
Cadmium	108-1	528.96	519.30	522.58	523.61	0.94	ppb
Calcium	43-1	243401.81	241606.08	241220.80	242076.23	0.48	ppb
Calcium	44-1	243554.72	239488.93	241047.52	241363.72	0.85	ppb
Chromium	52-2	522.82	517.08	521.25	520.38	0.57	ppb
Cobalt	59-2	483.22	479.69	482.12	481.68	0.38	ppb
Copper	63-2	941.53	949.34	957.49	949.45	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				110		%
Indium	115-1				98		%
Indium	115-2				113		%
Iron	56-2	118935.91	118449.44	119651.32	119012.22	0.51	ppb
Iron	57-2	123424.34	121154.53	121026.37	121868.41	1.11	ppb
Krypton	83-1						cps
Lead	206-1	529.76	522.17	530.93	527.62	0.90	ppb
Lead	207-1	529.55	516.34	508.83	518.24	2.02	ppb
Lead	208-1	529.65	519.65	518.34	522.55	1.18	ppb
Lithium	6-1				92		%
Magnesium	24-2	249765.00	246971.25	248681.46	248472.57	0.57	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1010.01	1004.23	1010.95	1008.40	0.36	ppb
Molybdenum	94-1	2530.29	2480.05	2558.22	2522.85	1.57	ppb
Molybdenum	95-1	2520.75	2515.00	2576.66	2537.47	1.34	ppb
Molybdenum	96-1	2522.02	2475.25	2574.14	2523.80	1.96	ppb
Molybdenum	97-1	2523.37	2496.19	2565.00	2528.19	1.37	ppb
Molybdenum	98-1	2529.01	2510.48	2582.82	2540.77	1.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.63	490.84	491.56	490.01	0.43	ppb
Phosphorus	31-2	10363.97	10002.28	9664.06	10010.11	3.50	ppb
Potassium	39-2	128974.84	128665.61	128019.00	128553.15	0.38	ppb
Rhodium	103-1				98		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				125		%
Selenium	77-2	522.37	504.74	489.19	505.43	3.28	ppb
Selenium	78-2	500.51	513.00	502.29	505.27	1.34	ppb
Selenium	82-1	501.93	492.07	509.01	501.00	1.70	ppb
Silicon	28-1	552.57	560.60	559.67	557.61	0.79	ppb
Silver	109-1	517.37	523.02	517.99	519.46	0.60	ppb
Silver	107-1	521.42	517.82	515.16	518.14	0.61	ppb
Sodium	23-2	251933.65	249869.34	250116.79	250639.93	0.45	ppb
Strontium	86-1	532.15	512.79	525.13	523.35	1.87	ppb
Strontium	88-1	529.62	516.24	521.82	522.56	1.29	ppb
Sulfur	34-1	11245.47	10774.12	10768.80	10929.47	2.50	ppb
Terbium	159-1				95		%
Terbium	159-2				109		%
Thallium	203-1	531.46	523.26	528.57	527.77	0.79	ppb
Thallium	205-1	532.21	516.15	521.59	523.32	1.56	ppb
Tin	118-1	529.12	533.13	529.52	530.59	0.42	ppb
Titanium	47-1	2552.03	2546.18	2521.16	2539.79	0.65	ppb
Uranium	238-1	506.04	507.91	503.23	505.73	0.47	ppb
Vanadium	51-2	511.83	507.95	513.04	510.94	0.52	ppb
Yttrium	89-1				106		%
Yttrium	89-2				121		%
Zinc	66-2	968.73	963.21	965.63	965.85	0.29	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.41	506.41	513.55	508.12	0.94	ppb
Zirconium	91-1	513.48	511.20	520.66	515.11	0.96	ppb

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 15:52:09 DataFile Name : 034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.28	-2.09	-1.33	-1.04		ppb
Antimony	121-1	0.81	0.85	1.01	0.89	11.81	ppb
Arsenic	75-2	0.15	0.14	0.27	0.19	39.86	ppb
Barium	135-1	0.02	0.03	0.00	0.01	102.44	ppb
Barium	137-1	0.00	-0.01	0.02	0.00	397.86	ppb
Beryllium	9-1	0.05	0.06	0.03	0.05	29.68	ppb
Bismuth	209-1				90		%
Bismuth	209-2				100		%
Boron	10-1	10.14	9.34	9.65	9.71	4.19	ppb
Boron	11-1	10.06	9.25	9.83	9.71	4.29	ppb
Cadmium	111-1	0.03	0.13	0.13	0.10	55.98	ppb
Cadmium	106-1	0.32	1.54	1.69	1.18	63.58	ppb
Cadmium	108-1	0.10	0.16	0.04	0.10	57.72	ppb
Calcium	43-1	-0.08	-8.82	-1.77	-3.55		ppb
Calcium	44-1	12.89	6.63	13.48	11.00	34.53	ppb
Chromium	52-2	-0.01	0.05	-0.01	0.01	291.80	ppb
Cobalt	59-2	-0.02	-0.03	-0.02	-0.02		ppb
Copper	63-2	-0.32	-0.34	-0.35	-0.33		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				112		%
Iron	56-2	1.87	2.59	2.12	2.19	16.60	ppb
Iron	57-2	4.12	2.82	1.43	2.79	48.26	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.06	0.05	13.81	ppb
Lead	207-1	0.05	0.04	0.05	0.05	9.96	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.38	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.90	1.01	1.03	1.31	38.85	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:52:09	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.04	-0.02	0.01	263.85	ppb
Molybdenum	94-1	0.58	0.81	0.87	0.75	20.40	ppb
Molybdenum	95-1	0.69	0.91	1.16	0.92	25.71	ppb
Molybdenum	96-1	0.57	0.89	1.14	0.87	32.93	ppb
Molybdenum	97-1	0.65	0.79	1.10	0.84	27.18	ppb
Molybdenum	98-1	0.67	0.89	1.12	0.89	24.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.01	0.04	0.03	67.88	ppb
Phosphorus	31-2	-22.22	4.58	52.22	11.53	327.06	ppb
Potassium	39-2	2.37	19.78	8.58	10.25	86.14	ppb
Rhodium	103-1				103		%
Rhodium	103-2				109		%
Scandium	45-1				110		%
Scandium	45-2				118		%
Selenium	77-2	0.61	-2.52	-2.52	-1.48		ppb
Selenium	78-2	1.61	1.25	0.12	0.99	78.60	ppb
Selenium	82-1	0.77	-0.03	0.03	0.26	173.78	ppb
Silicon	28-1	-8.27	-10.74	-8.97	-9.33		ppb
Silver	109-1	0.01	0.01	0.02	0.01	10.00	ppb
Silver	107-1	0.01	0.01	0.02	0.01	43.05	ppb
Sodium	23-2	42.68	64.21	53.23	53.37	20.17	ppb
Strontium	86-1	0.03	0.03	-0.04	0.00	1001.86	ppb
Strontium	88-1	0.01	0.01	0.00	0.01	46.94	ppb
Sulfur	34-1	-2964.77	-3284.43	-3136.83	-3128.68		ppb
Terbium	159-1				95		%
Terbium	159-2				105		%
Thallium	203-1	0.14	0.15	0.13	0.14	8.05	ppb
Thallium	205-1	0.14	0.15	0.14	0.14	3.80	ppb
Tin	118-1	0.12	0.18	0.19	0.16	21.51	ppb
Titanium	47-1	0.04	0.11	0.12	0.09	45.72	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.01	-0.01	0.00		ppb
Yttrium	89-1				105		%
Yttrium	89-2				115		%
Zinc	66-2	0.04	-0.05	-0.03	-0.01		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:52:09	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.08	0.08	5.00	ppb
Zirconium	91-1	0.09	0.06	0.05	0.07	29.59	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	64733.22	65110.68	65511.38	65118.42	0.60	ppb
Antimony	121-1	0.47	0.60	0.68	0.59	18.14	ppb
Arsenic	75-2	18.49	18.29	18.43	18.40	0.58	ppb
Barium	135-1	466.70	468.54	477.47	470.91	1.22	ppb
Barium	137-1	468.45	473.49	481.05	474.33	1.34	ppb
Beryllium	9-1	3.90	4.03	4.02	3.98	1.86	ppb
Bismuth	209-1				79		%
Bismuth	209-2				93		%
Boron	10-1	18.68	18.94	19.69	19.10	2.75	ppb
Boron	11-1	18.95	18.92	17.63	18.50	4.06	ppb
Cadmium	111-1	1.04	1.05	1.03	1.04	1.01	ppb
Cadmium	106-1	8.17	8.36	8.39	8.31	1.45	ppb
Cadmium	108-1	2.39	3.03	3.02	2.81	12.99	ppb
Calcium	43-1	22666.28	22377.50	22768.46	22604.08	0.90	ppb
Calcium	44-1	22588.31	22700.35	22652.31	22646.99	0.25	ppb
Chromium	52-2	135.17	135.24	134.62	135.01	0.25	ppb
Cobalt	59-2	50.61	51.46	50.78	50.95	0.89	ppb
Copper	63-2	138.69	139.23	139.07	139.00	0.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				104		%
Indium	115-1				95		%
Indium	115-2				112		%
Iron	56-2	93197.43	93499.58	93435.32	93377.44	0.17	ppb
Iron	57-2	93446.94	96250.43	94667.70	94788.36	1.48	ppb
Krypton	83-1						cps
Lead	206-1	192.53	193.39	194.53	193.48	0.52	ppb
Lead	207-1	171.85	172.79	171.50	172.05	0.39	ppb
Lead	208-1	185.20	185.28	185.22	185.23	0.02	ppb
Lithium	6-1				88		%
Magnesium	24-2	23617.92	23951.95	23431.82	23667.23	1.11	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3738.18	3806.29	3803.59	3782.69	1.02	ppb
Molybdenum	94-1	48.33	46.70	46.47	47.17	2.15	ppb
Molybdenum	95-1	1.57	1.64	1.74	1.65	5.00	ppb
Molybdenum	96-1	7.38	7.31	7.42	7.37	0.75	ppb
Molybdenum	97-1	1.53	1.56	1.77	1.62	8.14	ppb
Molybdenum	98-1	1.58	1.68	1.72	1.66	4.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	117.19	119.98	118.36	118.51	1.18	ppb
Phosphorus	31-2	2420.90	2145.20	2151.17	2239.09	7.03	ppb
Potassium	39-2	6158.86	6223.66	6173.60	6185.37	0.55	ppb
Rhodium	103-1				95		%
Rhodium	103-2				108		%
Scandium	45-1				114		%
Scandium	45-2				133		%
Selenium	77-2	174.65	136.80	165.26	158.90	12.40	ppb
Selenium	78-2	30.72	23.00	29.62	27.78	15.03	ppb
Selenium	82-1	2.05	1.40	1.62	1.69	19.73	ppb
Silicon	28-1	2711.02	2630.87	3680.22	3007.37	19.42	ppb
Silver	109-1	0.19	0.18	0.20	0.19	4.96	ppb
Silver	107-1	0.17	0.20	0.21	0.19	10.43	ppb
Sodium	23-2	2047.67	2098.06	2089.67	2078.47	1.30	ppb
Strontium	86-1	117.99	116.74	117.22	117.32	0.54	ppb
Strontium	88-1	122.15	120.68	117.90	120.25	1.79	ppb
Sulfur	34-1	-3846.96	-4481.16	-4382.79	-4236.97		ppb
Terbium	159-1				88		%
Terbium	159-2				104		%
Thallium	203-1	0.75	0.76	0.72	0.74	2.92	ppb
Thallium	205-1	0.81	0.85	0.79	0.82	3.91	ppb
Tin	118-1	2.05	2.12	2.72	2.30	15.90	ppb
Titanium	47-1	1144.32	1036.46	1053.63	1078.14	5.38	ppb
Uranium	238-1	5.05	4.93	4.99	4.99	1.16	ppb
Vanadium	51-2	136.23	138.84	136.57	137.21	1.03	ppb
Yttrium	89-1				118		%
Yttrium	89-2				140		%
Zinc	66-2	250.46	251.37	248.36	250.07	0.62	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	30.20	30.00	30.38	30.19	0.64	ppb
Zirconium	91-1	31.17	41.08	29.90	34.05	17.98	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28161.15	30664.75	28101.55	28975.82	5.05	ppb
Antimony	121-1	0.27	0.32	0.39	0.32	18.73	ppb
Arsenic	75-2	8.64	8.84	8.28	8.59	3.28	ppb
Barium	135-1	200.60	198.36	199.97	199.65	0.58	ppb
Barium	137-1	203.03	198.65	200.32	200.67	1.10	ppb
Beryllium	9-1	2.54	2.35	2.19	2.36	7.47	ppb
Bismuth	209-1				79		%
Bismuth	209-2				91		%
Boron	10-1	17.22	18.59	19.19	18.33	5.51	ppb
Boron	11-1	17.29	16.44	18.07	17.27	4.71	ppb
Cadmium	111-1	0.55	0.45	0.68	0.56	20.26	ppb
Cadmium	106-1	3.17	1.28	3.69	2.71	46.62	ppb
Cadmium	108-1	1.50	1.56	1.46	1.51	3.49	ppb
Calcium	43-1	20586.16	20814.36	21007.00	20802.51	1.01	ppb
Calcium	44-1	20595.90	20581.80	21282.76	20820.15	1.92	ppb
Chromium	52-2	91.00	97.44	91.14	93.19	3.95	ppb
Cobalt	59-2	23.17	25.17	23.36	23.90	4.62	ppb
Copper	63-2	123.99	133.51	123.24	126.91	4.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				111		%
Iron	56-2	45034.74	48269.85	44771.42	46025.33	4.23	ppb
Iron	57-2	44917.86	48231.01	44601.50	45916.79	4.38	ppb
Krypton	83-1						cps
Lead	206-1	162.29	160.36	158.18	160.28	1.28	ppb
Lead	207-1	142.41	141.23	140.21	141.28	0.78	ppb
Lead	208-1	150.90	149.97	148.68	149.85	0.75	ppb
Lithium	6-1				89		%
Magnesium	24-2	10552.45	11350.46	10558.71	10820.54	4.24	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1645.91	1767.38	1645.42	1686.23	4.17	ppb
Molybdenum	94-1	22.09	22.02	21.83	21.98	0.63	ppb
Molybdenum	95-1	0.65	0.79	0.85	0.76	13.88	ppb
Molybdenum	96-1	3.40	3.36	3.64	3.47	4.25	ppb
Molybdenum	97-1	0.66	0.75	0.84	0.75	12.19	ppb
Molybdenum	98-1	0.68	0.73	0.80	0.73	8.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	58.34	63.87	58.89	60.37	5.05	ppb
Phosphorus	31-2	1406.17	1660.88	1269.16	1445.40	13.75	ppb
Potassium	39-2	3907.94	4303.83	3977.97	4063.25	5.20	ppb
Rhodium	103-1				95		%
Rhodium	103-2				107		%
Scandium	45-1				112		%
Scandium	45-2				127		%
Selenium	77-2	49.84	100.94	78.55	76.44	33.51	ppb
Selenium	78-2	14.85	12.05	12.02	12.97	12.51	ppb
Selenium	82-1	2.00	1.26	0.39	1.22	66.34	ppb
Silicon	28-1	1440.61	1309.04	1758.75	1502.80	15.39	ppb
Silver	109-1	0.44	0.45	0.40	0.43	5.46	ppb
Silver	107-1	0.45	0.46	0.41	0.44	5.80	ppb
Sodium	23-2	4780.94	5204.62	4762.26	4915.94	5.09	ppb
Strontium	86-1	219.88	220.31	219.51	219.90	0.18	ppb
Strontium	88-1	221.69	226.59	219.94	222.74	1.55	ppb
Sulfur	34-1	-4732.53	-4781.73	-4612.48	-4708.91		ppb
Terbium	159-1				87		%
Terbium	159-2				101		%
Thallium	203-1	0.39	0.44	0.36	0.40	10.35	ppb
Thallium	205-1	0.42	0.41	0.42	0.42	1.84	ppb
Tin	118-1	3.13	2.88	2.85	2.95	5.16	ppb
Titanium	47-1	421.38	427.59	436.89	428.62	1.82	ppb
Uranium	238-1	1.35	1.38	1.40	1.38	1.68	ppb
Vanadium	51-2	65.75	70.67	64.78	67.07	4.70	ppb
Yttrium	89-1				108		%
Yttrium	89-2				126		%
Zinc	66-2	253.88	275.19	252.64	260.57	4.87	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	14.51	14.55	14.21	14.43	1.30	ppb
Zirconium	91-1	14.21	14.23	14.50	14.32	1.14	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28224.16	28179.46	27811.00	28071.54	0.81	ppb
Antimony	121-1	0.20	0.25	0.28	0.25	15.55	ppb
Arsenic	75-2	8.84	8.52	9.05	8.80	3.04	ppb
Barium	135-1	198.87	199.98	200.97	199.94	0.53	ppb
Barium	137-1	197.04	197.76	201.57	198.79	1.23	ppb
Beryllium	9-1	2.07	2.29	2.30	2.22	5.72	ppb
Bismuth	209-1				78		%
Bismuth	209-2				93		%
Boron	10-1	16.71	18.83	19.69	18.41	8.35	ppb
Boron	11-1	15.99	16.68	17.02	16.57	3.17	ppb
Cadmium	111-1	0.59	0.54	0.57	0.57	3.79	ppb
Cadmium	106-1	4.10	3.24	3.23	3.52	14.10	ppb
Cadmium	108-1	2.00	1.67	1.75	1.81	9.64	ppb
Calcium	43-1	20594.92	20793.02	20891.70	20759.88	0.73	ppb
Calcium	44-1	20437.57	20586.92	20866.10	20630.20	1.05	ppb
Chromium	52-2	91.69	92.07	91.39	91.72	0.37	ppb
Cobalt	59-2	23.19	23.33	23.35	23.29	0.37	ppb
Copper	63-2	125.31	124.90	125.56	125.26	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				111		%
Iron	56-2	45030.99	45145.11	44996.11	45057.40	0.17	ppb
Iron	57-2	44894.16	44950.15	44821.77	44888.69	0.14	ppb
Krypton	83-1						cps
Lead	206-1	159.59	158.38	161.09	159.69	0.85	ppb
Lead	207-1	140.65	140.69	141.26	140.86	0.24	ppb
Lead	208-1	148.47	149.65	150.18	149.43	0.59	ppb
Lithium	6-1				88		%
Magnesium	24-2	10628.34	10657.99	10734.49	10673.61	0.51	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1643.46	1646.97	1640.33	1643.59	0.20	ppb
Molybdenum	94-1	21.60	21.93	22.03	21.86	1.04	ppb
Molybdenum	95-1	0.63	0.66	0.78	0.69	11.44	ppb
Molybdenum	96-1	3.43	3.35	3.37	3.38	1.27	ppb
Molybdenum	97-1	0.74	0.67	0.74	0.72	5.59	ppb
Molybdenum	98-1	0.66	0.67	0.74	0.69	6.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	57.75	58.36	59.04	58.38	1.11	ppb
Phosphorus	31-2	1431.02	1094.55	1390.50	1305.36	14.07	ppb
Potassium	39-2	3939.55	3975.60	3852.94	3922.70	1.61	ppb
Rhodium	103-1				95		%
Rhodium	103-2				107		%
Scandium	45-1				111		%
Scandium	45-2				128		%
Selenium	77-2	50.80	83.46	98.60	77.62	31.47	ppb
Selenium	78-2	12.78	14.20	8.58	11.85	24.64	ppb
Selenium	82-1	0.84	1.31	0.82	0.99	27.94	ppb
Silicon	28-1	1376.00	1287.25	1333.02	1332.09	3.33	ppb
Silver	109-1	0.43	0.44	0.43	0.43	1.88	ppb
Silver	107-1	0.42	0.47	0.47	0.45	5.76	ppb
Sodium	23-2	4781.07	4829.63	4842.51	4817.74	0.67	ppb
Strontium	86-1	220.26	220.15	219.71	220.04	0.13	ppb
Strontium	88-1	224.04	222.58	224.81	223.81	0.51	ppb
Sulfur	34-1	-4567.61	-4658.56	-4507.18	-4577.78		ppb
Terbium	159-1				86		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.42	0.39	0.39	5.66	ppb
Thallium	205-1	0.40	0.41	0.39	0.40	2.01	ppb
Tin	118-1	2.88	2.87	2.92	2.89	0.93	ppb
Titanium	47-1	420.21	421.90	436.17	426.09	2.06	ppb
Uranium	238-1	1.40	1.38	1.41	1.40	0.96	ppb
Vanadium	51-2	64.52	66.21	65.99	65.57	1.40	ppb
Yttrium	89-1				106		%
Yttrium	89-2				126		%
Zinc	66-2	257.56	258.95	260.38	258.96	0.55	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	14.04	14.53	14.14	14.24	1.79	ppb
Zirconium	91-1	13.98	13.92	14.26	14.05	1.31	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5987.49	5938.78	5790.43	5905.57	1.74	ppb
Antimony	121-1	0.12	0.14	0.15	0.14	8.88	ppb
Arsenic	75-2	1.72	2.00	1.94	1.89	7.91	ppb
Barium	135-1	39.90	39.63	39.59	39.70	0.42	ppb
Barium	137-1	39.97	39.05	39.32	39.45	1.19	ppb
Beryllium	9-1	0.48	0.51	0.52	0.50	4.82	ppb
Bismuth	209-1				78		%
Bismuth	209-2				92		%
Boron	10-1	7.16	7.54	7.31	7.34	2.64	ppb
Boron	11-1	7.78	7.31	7.46	7.52	3.20	ppb
Cadmium	111-1	0.07	0.06	0.13	0.09	39.38	ppb
Cadmium	106-1	-0.43	-0.37	1.30	0.17	593.32	ppb
Cadmium	108-1	0.42	0.26	0.45	0.38	27.80	ppb
Calcium	43-1	4258.95	4219.88	4255.69	4244.84	0.51	ppb
Calcium	44-1	4417.64	4340.64	4432.72	4397.00	1.12	ppb
Chromium	52-2	18.70	19.64	19.00	19.11	2.50	ppb
Cobalt	59-2	4.73	4.79	4.83	4.78	1.05	ppb
Copper	63-2	25.68	26.00	24.92	25.53	2.16	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				83		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				111		%
Iron	56-2	9281.86	9541.30	9185.93	9336.36	1.97	ppb
Iron	57-2	9212.07	9467.86	9092.64	9257.52	2.07	ppb
Krypton	83-1						cps
Lead	206-1	31.03	30.90	31.91	31.28	1.76	ppb
Lead	207-1	27.18	27.49	27.96	27.54	1.43	ppb
Lead	208-1	29.18	29.16	29.63	29.32	0.90	ppb
Lithium	6-1				87		%
Magnesium	24-2	2221.17	2181.95	2175.24	2192.79	1.13	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	335.47	340.76	335.00	337.08	0.95	ppb
Molybdenum	94-1	4.56	4.83	4.78	4.72	2.99	ppb
Molybdenum	95-1	0.22	0.20	0.29	0.24	19.60	ppb
Molybdenum	96-1	0.84	0.72	0.79	0.79	7.84	ppb
Molybdenum	97-1	0.21	0.21	0.33	0.25	27.70	ppb
Molybdenum	98-1	0.18	0.23	0.27	0.22	20.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.80	12.41	12.01	12.07	2.60	ppb
Phosphorus	31-2	315.88	251.11	315.93	294.31	12.71	ppb
Potassium	39-2	856.96	834.24	808.83	833.34	2.89	ppb
Rhodium	103-1				94		%
Rhodium	103-2				108		%
Scandium	45-1				107		%
Scandium	45-2				123		%
Selenium	77-2	6.81	19.61	26.06	17.49	56.01	ppb
Selenium	78-2	2.58	3.12	1.63	2.44	30.95	ppb
Selenium	82-1	0.35	-0.14	-0.11	0.03	856.30	ppb
Silicon	28-1	189.99	295.44	450.94	312.13	42.06	ppb
Silver	109-1	0.09	0.09	0.11	0.09	11.81	ppb
Silver	107-1	0.08	0.11	0.10	0.10	13.80	ppb
Sodium	23-2	1020.84	1047.86	1021.90	1030.20	1.49	ppb
Strontium	86-1	46.08	45.72	46.69	46.17	1.06	ppb
Strontium	88-1	46.61	46.48	46.57	46.55	0.14	ppb
Sulfur	34-1	-5192.99	-5250.51	-5119.20	-5187.57		ppb
Terbium	159-1				85		%
Terbium	159-2				101		%
Thallium	203-1	0.11	0.11	0.10	0.11	5.42	ppb
Thallium	205-1	0.12	0.13	0.14	0.13	9.22	ppb
Tin	118-1	0.50	0.53	0.58	0.54	8.01	ppb
Titanium	47-1	86.11	87.75	89.24	87.70	1.78	ppb
Uranium	238-1	0.24	0.27	0.26	0.26	5.78	ppb
Vanadium	51-2	13.68	13.67	12.99	13.45	2.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				119		%
Zinc	66-2	54.70	56.10	51.51	54.10	4.34	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.20	2.95	3.04	3.06	4.12	ppb
Zirconium	91-1	2.80	2.88	2.72	2.80	2.84	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35153.50	35032.40	34790.19	34992.03	0.53	ppb
Antimony	121-1	136.22	134.36	136.41	135.66	0.83	ppb
Arsenic	75-2	236.98	238.20	236.23	237.13	0.42	ppb
Barium	135-1	1527.30	1512.92	1533.52	1524.58	0.69	ppb
Barium	137-1	1493.38	1495.26	1502.11	1496.92	0.31	ppb
Beryllium	9-1	253.44	254.37	256.27	254.70	0.57	ppb
Bismuth	209-1				78		%
Bismuth	209-2				91		%
Boron	10-1	244.58	257.79	263.91	255.43	3.87	ppb
Boron	11-1	247.00	253.48	259.77	253.42	2.52	ppb
Cadmium	111-1	254.04	254.13	255.30	254.49	0.28	ppb
Cadmium	106-1	259.64	252.82	261.91	258.12	1.83	ppb
Cadmium	108-1	257.88	257.27	271.24	262.13	3.01	ppb
Calcium	43-1	44987.65	45688.41	44721.99	45132.68	1.11	ppb
Calcium	44-1	45106.66	45492.29	44507.82	45035.59	1.10	ppb
Chromium	52-2	324.79	321.15	323.85	323.26	0.58	ppb
Cobalt	59-2	257.99	255.68	256.72	256.80	0.45	ppb
Copper	63-2	576.78	578.75	576.37	577.30	0.22	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				85		%
Holmium	165-2				102		%
Indium	115-1				92		%
Indium	115-2				108		%
Iron	56-2	58132.55	56859.15	57013.72	57335.14	1.21	ppb
Iron	57-2	58024.40	57238.31	57242.11	57501.61	0.79	ppb
Krypton	83-1						cps
Lead	206-1	469.33	469.82	465.01	468.05	0.57	ppb
Lead	207-1	443.47	446.64	433.26	441.12	1.58	ppb
Lead	208-1	458.31	459.28	450.72	456.10	1.03	ppb
Lithium	6-1				88		%
Magnesium	24-2	36313.33	35986.79	35757.84	36019.32	0.78	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2115.12	2092.16	2105.52	2104.27	0.55	ppb
Molybdenum	94-1	1069.09	1096.13	1095.58	1086.94	1.42	ppb
Molybdenum	95-1	1073.46	1080.09	1099.55	1084.37	1.25	ppb
Molybdenum	96-1	1047.53	1076.54	1094.96	1073.01	2.23	ppb
Molybdenum	97-1	1071.10	1075.84	1098.07	1081.67	1.33	ppb
Molybdenum	98-1	1058.00	1066.81	1087.14	1070.65	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	299.36	298.67	294.72	297.58	0.84	ppb
Phosphorus	31-2	1657.04	1446.41	1494.80	1532.75	7.20	ppb
Potassium	39-2	16340.43	15836.79	15989.16	16055.46	1.61	ppb
Rhodium	103-1				93		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				123		%
Selenium	77-2	307.16	350.78	296.32	318.09	9.06	ppb
Selenium	78-2	239.13	240.02	243.08	240.75	0.86	ppb
Selenium	82-1	225.12	231.46	230.31	228.96	1.47	ppb
Silicon	28-1	2281.26	1923.10	1841.57	2015.31	11.61	ppb
Silver	109-1	24.18	28.16	24.34	25.56	8.81	ppb
Silver	107-1	23.83	24.40	24.11	24.11	1.19	ppb
Sodium	23-2	29097.15	28569.62	28759.81	28808.86	0.93	ppb
Strontium	86-1	481.49	490.13	497.70	489.77	1.66	ppb
Strontium	88-1	483.90	509.96	505.41	499.76	2.79	ppb
Sulfur	34-1	-3357.29	-3380.05	-3619.28	-3452.20		ppb
Terbium	159-1				87		%
Terbium	159-2				102		%
Thallium	203-1	251.83	251.63	246.73	250.06	1.15	ppb
Thallium	205-1	257.12	258.68	254.44	256.75	0.83	ppb
Tin	118-1	259.32	257.01	260.28	258.87	0.65	ppb
Titanium	47-1	1705.53	1695.33	1676.80	1692.56	0.86	ppb
Uranium	238-1	236.63	238.08	236.47	237.06	0.37	ppb
Vanadium	51-2	324.24	320.89	320.91	322.02	0.60	ppb
Yttrium	89-1				105		%
Yttrium	89-2				122		%
Zinc	66-2	676.26	670.19	672.73	673.06	0.45	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	218.78	221.20	225.85	221.95	1.62	ppb
Zirconium	91-1	211.43	218.25	219.76	216.48	2.05	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35255.30	35531.97	35424.93	35404.06	0.39	ppb
Antimony	121-1	153.57	154.74	152.24	153.52	0.81	ppb
Arsenic	75-2	252.04	252.26	253.45	252.59	0.30	ppb
Barium	135-1	1564.43	1587.41	1572.09	1574.64	0.74	ppb
Barium	137-1	1599.04	1573.64	1559.89	1577.52	1.26	ppb
Beryllium	9-1	272.41	270.35	267.30	270.02	0.95	ppb
Bismuth	209-1				80		%
Bismuth	209-2				91		%
Boron	10-1	270.61	273.90	275.98	273.50	0.99	ppb
Boron	11-1	273.64	276.38	279.97	276.66	1.15	ppb
Cadmium	111-1	273.19	269.22	268.88	270.43	0.89	ppb
Cadmium	106-1	279.40	274.09	283.53	279.01	1.69	ppb
Cadmium	108-1	272.10	275.56	274.59	274.08	0.65	ppb
Calcium	43-1	49172.67	49380.59	48712.42	49088.56	0.70	ppb
Calcium	44-1	49007.75	48606.30	48492.27	48702.11	0.56	ppb
Chromium	52-2	353.86	352.49	349.34	351.90	0.66	ppb
Cobalt	59-2	271.89	269.67	271.05	270.87	0.41	ppb
Copper	63-2	595.09	595.67	594.28	595.01	0.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				107		%
Iron	56-2	55751.69	55333.95	55562.46	55549.36	0.38	ppb
Iron	57-2	55273.42	55375.78	54998.07	55215.76	0.35	ppb
Krypton	83-1						cps
Lead	206-1	428.10	435.61	430.53	431.41	0.89	ppb
Lead	207-1	409.55	416.98	418.33	414.95	1.14	ppb
Lead	208-1	423.74	425.88	428.61	426.08	0.57	ppb
Lithium	6-1				89		%
Magnesium	24-2	37305.98	37437.14	37078.60	37273.91	0.49	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2229.62	2238.70	2224.14	2230.82	0.33	ppb
Molybdenum	94-1	1147.16	1144.89	1167.12	1153.06	1.06	ppb
Molybdenum	95-1	1145.98	1160.16	1172.69	1159.61	1.15	ppb
Molybdenum	96-1	1135.55	1148.09	1148.03	1143.89	0.63	ppb
Molybdenum	97-1	1155.58	1137.94	1168.21	1153.91	1.32	ppb
Molybdenum	98-1	1137.10	1146.99	1161.11	1148.40	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	316.71	312.37	316.41	315.16	0.77	ppb
Phosphorus	31-2	1669.40	1380.55	1505.73	1518.56	9.54	ppb
Potassium	39-2	16501.82	16639.33	16542.86	16561.34	0.43	ppb
Rhodium	103-1				93		%
Rhodium	103-2				104		%
Scandium	45-1				108		%
Scandium	45-2				123		%
Selenium	77-2	370.93	287.39	364.10	340.81	13.61	ppb
Selenium	78-2	265.17	258.28	241.61	255.02	4.75	ppb
Selenium	82-1	238.93	243.90	242.88	241.91	1.08	ppb
Silicon	28-1	2500.94	2183.46	2514.09	2399.50	7.80	ppb
Silver	109-1	58.67	29.28	24.89	37.61	48.83	ppb
Silver	107-1	24.66	24.87	24.89	24.81	0.52	ppb
Sodium	23-2	30581.59	30801.66	30200.46	30527.90	1.00	ppb
Strontium	86-1	496.26	500.10	503.37	499.91	0.71	ppb
Strontium	88-1	498.63	504.95	508.74	504.11	1.01	ppb
Sulfur	34-1	-3709.10	-3860.87	-3728.01	-3765.99		ppb
Terbium	159-1				88		%
Terbium	159-2				101		%
Thallium	203-1	260.25	263.34	264.11	262.57	0.78	ppb
Thallium	205-1	268.63	270.22	271.63	270.16	0.56	ppb
Tin	118-1	275.76	274.07	274.78	274.87	0.31	ppb
Titanium	47-1	1883.31	1855.24	1840.31	1859.62	1.17	ppb
Uranium	238-1	251.54	253.02	254.29	252.95	0.54	ppb
Vanadium	51-2	326.57	327.32	321.77	325.22	0.93	ppb
Yttrium	89-1				106		%
Yttrium	89-2				123		%
Zinc	66-2	687.16	694.77	691.47	691.13	0.55	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	232.79	233.49	237.00	234.43	0.96	ppb
Zirconium	91-1	227.03	226.03	231.50	228.19	1.27	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	35166.53	34926.40	35283.39	35125.44	0.52	ppb
Antimony	121-1	145.20	141.24	143.98	143.47	1.41	ppb
Arsenic	75-2	242.28	244.56	244.73	243.86	0.56	ppb
Barium	135-1	1550.97	1531.72	1549.96	1544.21	0.70	ppb
Barium	137-1	1528.64	1500.36	1536.04	1521.68	1.24	ppb
Beryllium	9-1	263.69	259.06	267.05	263.27	1.52	ppb
Bismuth	209-1				79		%
Bismuth	209-2				93		%
Boron	10-1	268.68	267.97	281.41	272.69	2.77	ppb
Boron	11-1	264.87	270.79	276.57	270.74	2.16	ppb
Cadmium	111-1	261.52	259.50	261.98	261.00	0.51	ppb
Cadmium	106-1	268.72	269.70	266.13	268.18	0.69	ppb
Cadmium	108-1	268.88	258.35	264.31	263.85	2.00	ppb
Calcium	43-1	46326.06	46175.27	45810.51	46103.95	0.57	ppb
Calcium	44-1	46447.58	45335.65	46166.84	45983.36	1.26	ppb
Chromium	52-2	335.37	334.34	338.46	336.06	0.64	ppb
Cobalt	59-2	263.23	260.48	262.88	262.19	0.57	ppb
Copper	63-2	589.90	588.67	581.04	586.54	0.82	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				85		%
Holmium	165-2				102		%
Indium	115-1				93		%
Indium	115-2				108		%
Iron	56-2	56377.91	56584.64	56293.88	56418.81	0.27	ppb
Iron	57-2	56425.10	56586.73	56661.33	56557.72	0.21	ppb
Krypton	83-1						cps
Lead	206-1	454.11	456.63	453.04	454.60	0.41	ppb
Lead	207-1	432.42	427.06	431.54	430.34	0.67	ppb
Lead	208-1	439.24	439.88	444.25	441.12	0.62	ppb
Lithium	6-1				87		%
Magnesium	24-2	36019.27	36373.77	36417.18	36270.08	0.60	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2158.68	2151.69	2160.60	2156.99	0.22	ppb
Molybdenum	94-1	1120.26	1110.15	1122.31	1117.57	0.58	ppb
Molybdenum	95-1	1129.71	1125.59	1128.67	1127.99	0.19	ppb
Molybdenum	96-1	1125.68	1111.40	1124.42	1120.50	0.71	ppb
Molybdenum	97-1	1139.12	1119.35	1126.81	1128.42	0.88	ppb
Molybdenum	98-1	1112.59	1114.73	1113.65	1113.66	0.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	306.44	301.64	304.15	304.08	0.79	ppb
Phosphorus	31-2	1381.26	1520.20	1660.88	1520.78	9.19	ppb
Potassium	39-2	16158.09	16089.06	16172.62	16139.93	0.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				124		%
Selenium	77-2	315.72	303.50	322.83	314.02	3.11	ppb
Selenium	78-2	242.19	250.67	258.31	250.39	3.22	ppb
Selenium	82-1	234.52	234.30	237.65	235.49	0.80	ppb
Silicon	28-1	2908.25	2226.76	2283.04	2472.68	15.30	ppb
Silver	109-1	25.15	24.19	24.97	24.77	2.07	ppb
Silver	107-1	24.89	24.76	24.85	24.83	0.27	ppb
Sodium	23-2	29429.55	28946.58	29365.09	29247.07	0.90	ppb
Strontium	86-1	496.67	497.96	498.41	497.68	0.18	ppb
Strontium	88-1	503.69	503.74	502.40	503.28	0.15	ppb
Sulfur	34-1	-3834.67	-3991.23	-4195.50	-4007.13		ppb
Terbium	159-1				87		%
Terbium	159-2				102		%
Thallium	203-1	256.13	255.26	257.11	256.17	0.36	ppb
Thallium	205-1	261.66	262.68	263.14	262.49	0.29	ppb
Tin	118-1	270.26	258.08	261.76	263.37	2.37	ppb
Titanium	47-1	1743.75	1738.24	1724.83	1735.61	0.56	ppb
Uranium	238-1	244.40	243.29	243.27	243.65	0.27	ppb
Vanadium	51-2	324.78	319.40	322.25	322.14	0.84	ppb
Yttrium	89-1				106		%
Yttrium	89-2				124		%
Zinc	66-2	677.27	669.08	677.02	674.46	0.69	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	227.17	226.22	230.93	228.11	1.09	ppb
Zirconium	91-1	221.47	220.50	224.25	222.07	0.88	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	28944.45	25666.53	25786.76	26799.25	6.94	ppb
Antimony	121-1	0.07	0.11	0.11	0.09	23.17	ppb
Arsenic	75-2	10.03	8.85	8.33	9.07	9.62	ppb
Barium	135-1	325.77	321.16	317.37	321.43	1.31	ppb
Barium	137-1	322.92	324.42	314.96	320.76	1.58	ppb
Beryllium	9-1	1.96	1.84	1.94	1.91	3.32	ppb
Bismuth	209-1				78		%
Bismuth	209-2				89		%
Boron	10-1	22.48	23.48	18.38	21.45	12.60	ppb
Boron	11-1	22.31	21.98	19.95	21.41	5.96	ppb
Cadmium	111-1	0.62	0.59	0.46	0.56	15.57	ppb
Cadmium	106-1	3.85	3.41	1.10	2.79	53.13	ppb
Cadmium	108-1	1.32	1.15	1.43	1.30	11.03	ppb
Calcium	43-1	8744.20	8935.18	8840.41	8839.93	1.08	ppb
Calcium	44-1	8865.26	8950.14	8855.38	8890.26	0.59	ppb
Chromium	52-2	63.22	57.18	57.13	59.18	5.92	ppb
Cobalt	59-2	34.08	30.43	30.88	31.80	6.26	ppb
Copper	63-2	162.74	145.31	147.08	151.71	6.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				84		%
Holmium	165-2				97		%
Indium	115-1				93		%
Indium	115-2				105		%
Iron	56-2	41636.40	37341.98	37022.22	38666.87	6.66	ppb
Iron	57-2	41381.39	36895.45	36805.11	38360.65	6.82	ppb
Krypton	83-1						cps
Lead	206-1	32.31	31.48	31.49	31.76	1.51	ppb
Lead	207-1	28.55	28.31	27.94	28.27	1.09	ppb
Lead	208-1	29.98	29.77	29.55	29.77	0.72	ppb
Lithium	6-1				87		%
Magnesium	24-2	14336.00	12832.41	12770.81	13313.07	6.66	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2557.54	2265.54	2280.80	2367.96	6.94	ppb
Molybdenum	94-1	15.37	14.73	15.46	15.18	2.63	ppb
Molybdenum	95-1	1.74	2.01	2.15	1.97	10.74	ppb
Molybdenum	96-1	3.41	3.53	3.58	3.51	2.53	ppb
Molybdenum	97-1	1.75	1.92	2.13	1.94	9.78	ppb
Molybdenum	98-1	1.75	2.01	2.03	1.93	8.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	85.66	76.95	77.20	79.94	6.20	ppb
Phosphorus	31-2	1396.12	1218.25	1334.20	1316.19	6.86	ppb
Potassium	39-2	4469.68	3992.84	3951.01	4137.84	6.96	ppb
Rhodium	103-1				94		%
Rhodium	103-2				102		%
Scandium	45-1				109		%
Scandium	45-2				120		%
Selenium	77-2	100.96	72.80	115.03	96.26	22.34	ppb
Selenium	78-2	17.10	13.96	13.97	15.01	12.05	ppb
Selenium	82-1	0.32	0.89	0.19	0.47	79.79	ppb
Silicon	28-1	1436.57	948.50	987.73	1124.27	24.12	ppb
Silver	109-1	0.08	0.09	0.09	0.09	4.86	ppb
Silver	107-1	0.09	0.09	0.11	0.10	15.31	ppb
Sodium	23-2	4287.20	3828.29	3875.02	3996.83	6.32	ppb
Strontium	86-1	63.54	64.34	63.68	63.85	0.66	ppb
Strontium	88-1	66.81	66.26	66.08	66.38	0.57	ppb
Sulfur	34-1	-4939.66	-4678.75	-4859.26	-4825.89		ppb
Terbium	159-1				86		%
Terbium	159-2				97		%
Thallium	203-1	0.65	0.72	0.62	0.66	7.44	ppb
Thallium	205-1	0.73	0.68	0.66	0.69	5.45	ppb
Tin	118-1	0.88	0.85	0.83	0.85	3.04	ppb
Titanium	47-1	485.08	493.18	479.69	485.98	1.40	ppb
Uranium	238-1	1.84	1.84	1.84	1.84	0.29	ppb
Vanadium	51-2	65.59	57.39	57.59	60.19	7.78	ppb
Yttrium	89-1				106		%
Yttrium	89-2				120		%
Zinc	66-2	122.98	109.26	109.21	113.82	6.97	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	9.17	9.21	8.92	9.10	1.75	ppb
Zirconium	91-1	9.33	8.90	8.86	9.03	2.86	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	32755.89	32384.50	31956.34	32365.58	1.24	ppb
Antimony	121-1	0.10	0.14	0.16	0.13	21.78	ppb
Arsenic	75-2	11.23	11.18	10.84	11.08	1.94	ppb
Barium	135-1	265.98	274.88	276.04	272.30	2.02	ppb
Barium	137-1	263.78	275.29	269.46	269.51	2.14	ppb
Beryllium	9-1	2.28	2.08	2.30	2.22	5.38	ppb
Bismuth	209-1				79		%
Bismuth	209-2				91		%
Boron	10-1	13.30	16.01	13.22	14.18	11.21	ppb
Boron	11-1	13.99	14.90	14.39	14.43	3.17	ppb
Cadmium	111-1	0.39	0.61	0.63	0.54	24.02	ppb
Cadmium	106-1	2.46	4.54	4.78	3.93	32.47	ppb
Cadmium	108-1	1.81	1.96	1.65	1.80	8.61	ppb
Calcium	43-1	44380.46	44625.17	43966.70	44324.11	0.75	ppb
Calcium	44-1	44260.19	44354.09	44469.77	44361.35	0.24	ppb
Chromium	52-2	80.30	81.17	79.75	80.41	0.89	ppb
Cobalt	59-2	27.52	27.25	26.76	27.17	1.43	ppb
Copper	63-2	92.75	91.44	91.19	91.79	0.91	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				84		%
Holmium	165-2				101		%
Indium	115-1				93		%
Indium	115-2				109		%
Iron	56-2	50004.59	49979.19	49799.36	49927.72	0.22	ppb
Iron	57-2	49830.36	49936.57	49525.64	49764.19	0.43	ppb
Krypton	83-1						cps
Lead	206-1	136.88	136.83	136.83	136.85	0.02	ppb
Lead	207-1	120.97	123.52	122.86	122.45	1.08	ppb
Lead	208-1	128.50	130.09	129.49	129.36	0.62	ppb
Lithium	6-1				87		%
Magnesium	24-2	17497.36	17446.48	17289.09	17410.98	0.62	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2370.73	2368.79	2349.20	2362.90	0.50	ppb
Molybdenum	94-1	28.12	29.24	30.52	29.29	4.10	ppb
Molybdenum	95-1	1.54	1.59	1.78	1.63	7.71	ppb
Molybdenum	96-1	4.98	5.15	5.33	5.15	3.37	ppb
Molybdenum	97-1	1.55	1.71	1.71	1.66	5.48	ppb
Molybdenum	98-1	1.57	1.63	1.68	1.63	3.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	66.76	64.75	64.54	65.35	1.88	ppb
Phosphorus	31-2	1524.23	1134.92	1219.65	1292.93	15.84	ppb
Potassium	39-2	3881.82	3834.17	3785.59	3833.86	1.26	ppb
Rhodium	103-1				94		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				124		%
Selenium	77-2	103.16	127.67	83.83	104.89	20.94	ppb
Selenium	78-2	15.92	15.58	13.32	14.94	9.47	ppb
Selenium	82-1	1.26	0.89	0.88	1.01	21.64	ppb
Silicon	28-1	2647.18	3308.80	2823.09	2926.36	11.71	ppb
Silver	109-1	0.12	0.14	0.13	0.13	5.36	ppb
Silver	107-1	0.14	0.14	0.15	0.15	4.13	ppb
Sodium	23-2	1581.36	1558.37	1528.89	1556.21	1.69	ppb
Strontium	86-1	163.73	164.90	165.48	164.70	0.54	ppb
Strontium	88-1	167.60	169.12	168.49	168.40	0.45	ppb
Sulfur	34-1	-2281.02	-2146.58	-2074.65	-2167.42		ppb
Terbium	159-1				86		%
Terbium	159-2				101		%
Thallium	203-1	0.56	0.54	0.55	0.55	1.27	ppb
Thallium	205-1	0.57	0.55	0.57	0.56	2.51	ppb
Tin	118-1	1.65	1.67	1.57	1.63	3.14	ppb
Titanium	47-1	645.44	654.46	655.31	651.74	0.84	ppb
Uranium	238-1	2.39	2.54	2.44	2.46	3.10	ppb
Vanadium	51-2	71.22	71.48	71.40	71.36	0.19	ppb
Yttrium	89-1				108		%
Yttrium	89-2				126		%
Zinc	66-2	157.89	157.09	156.52	157.17	0.44	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	18.32	20.35	18.49	19.05	5.92	ppb
Zirconium	91-1	18.17	18.29	18.43	18.30	0.69	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	33621.17	34392.31	34533.42	34182.30	1.44	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	12.61	ppb
Arsenic	75-2	10.44	10.02	9.52	9.99	4.61	ppb
Barium	135-1	239.64	237.67	242.01	239.77	0.91	ppb
Barium	137-1	238.32	238.57	240.14	239.01	0.41	ppb
Beryllium	9-1	2.09	2.01	2.11	2.07	2.66	ppb
Bismuth	209-1				77		%
Bismuth	209-2				91		%
Boron	10-1	10.20	10.92	11.47	10.86	5.89	ppb
Boron	11-1	10.72	11.03	11.23	10.99	2.35	ppb
Cadmium	111-1	0.42	0.53	0.32	0.42	24.36	ppb
Cadmium	106-1	3.33	4.08	1.54	2.98	43.66	ppb
Cadmium	108-1	1.57	1.70	1.85	1.70	8.28	ppb
Calcium	43-1	11560.41	11587.19	11410.59	11519.40	0.83	ppb
Calcium	44-1	11676.62	11519.48	11649.55	11615.22	0.72	ppb
Chromium	52-2	70.04	71.34	71.74	71.04	1.25	ppb
Cobalt	59-2	26.92	27.02	27.38	27.11	0.89	ppb
Copper	63-2	73.20	73.78	73.87	73.62	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				83		%
Holmium	165-2				100		%
Indium	115-1				92		%
Indium	115-2				108		%
Iron	56-2	48586.39	49586.16	49216.38	49129.64	1.03	ppb
Iron	57-2	48274.10	49140.91	49362.79	48925.93	1.18	ppb
Krypton	83-1						cps
Lead	206-1	95.95	96.29	96.15	96.13	0.17	ppb
Lead	207-1	84.31	84.41	85.17	84.63	0.55	ppb
Lead	208-1	89.70	89.41	90.49	89.87	0.62	ppb
Lithium	6-1				87		%
Magnesium	24-2	12220.12	12437.57	12389.85	12349.18	0.93	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1947.00	1971.72	1964.31	1961.01	0.65	ppb
Molybdenum	94-1	24.97	25.07	25.41	25.15	0.92	ppb
Molybdenum	95-1	0.72	0.83	0.94	0.83	12.81	ppb
Molybdenum	96-1	3.66	3.88	3.93	3.82	3.84	ppb
Molybdenum	97-1	0.86	0.90	0.89	0.88	2.65	ppb
Molybdenum	98-1	0.78	0.91	0.85	0.85	7.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	62.36	64.26	62.92	63.18	1.54	ppb
Phosphorus	31-2	1332.31	1123.36	1425.51	1293.73	11.96	ppb
Potassium	39-2	3208.33	3227.88	3259.70	3231.97	0.80	ppb
Rhodium	103-1				92		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				123		%
Selenium	77-2	99.22	96.03	111.56	102.27	8.02	ppb
Selenium	78-2	13.86	20.94	13.91	16.24	25.09	ppb
Selenium	82-1	1.07	0.86	0.55	0.83	31.79	ppb
Silicon	28-1	1651.63	1233.99	1201.22	1362.28	18.43	ppb
Silver	109-1	0.10	0.08	0.10	0.09	15.28	ppb
Silver	107-1	0.09	0.12	0.10	0.10	14.72	ppb
Sodium	23-2	1083.73	1128.50	1122.25	1111.49	2.18	ppb
Strontium	86-1	64.41	62.32	64.00	63.58	1.74	ppb
Strontium	88-1	67.66	64.64	66.54	66.28	2.30	ppb
Sulfur	34-1	-4982.22	-5228.62	-5495.07	-5235.30		ppb
Terbium	159-1				84		%
Terbium	159-2				100		%
Thallium	203-1	0.49	0.45	0.50	0.48	4.75	ppb
Thallium	205-1	0.44	0.42	0.47	0.44	6.32	ppb
Tin	118-1	0.99	1.10	2.15	1.41	45.43	ppb
Titanium	47-1	520.00	521.55	525.04	522.20	0.49	ppb
Uranium	238-1	2.48	2.43	2.45	2.45	1.14	ppb
Vanadium	51-2	71.73	72.62	71.15	71.83	1.03	ppb
Yttrium	89-1				105		%
Yttrium	89-2				125		%
Zinc	66-2	130.61	136.38	135.27	134.09	2.28	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.36	16.62	16.45	16.48	0.79	ppb
Zirconium	91-1	16.21	16.49	16.08	16.26	1.28	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:19:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48655.44	48683.85	49621.73	48987.01	1.12	ppb
Antimony	121-1	509.37	509.28	505.27	507.97	0.46	ppb
Arsenic	75-2	495.34	491.79	486.55	491.23	0.90	ppb
Barium	135-1	2556.00	2535.35	2549.83	2547.06	0.42	ppb
Barium	137-1	2528.73	2537.24	2531.15	2532.37	0.17	ppb
Beryllium	9-1	521.93	515.33	504.51	513.92	1.71	ppb
Bismuth	209-1				83		%
Bismuth	209-2				94		%
Boron	10-1	511.16	526.08	518.41	518.55	1.44	ppb
Boron	11-1	509.38	521.27	518.04	516.23	1.19	ppb
Cadmium	111-1	485.74	487.77	490.97	488.16	0.54	ppb
Cadmium	106-1	505.70	503.66	503.36	504.24	0.25	ppb
Cadmium	108-1	501.92	496.93	493.97	497.61	0.81	ppb
Calcium	43-1	232805.66	232319.23	232646.24	232590.38	0.11	ppb
Calcium	44-1	231829.44	231569.38	233616.62	232338.48	0.48	ppb
Chromium	52-2	490.15	492.68	506.06	496.30	1.72	ppb
Cobalt	59-2	457.97	460.05	471.18	463.07	1.53	ppb
Copper	63-2	912.53	908.68	931.65	917.62	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				91		%
Holmium	165-2				105		%
Indium	115-1				95		%
Indium	115-2				108		%
Iron	56-2	113404.11	112753.93	115795.57	113984.54	1.41	ppb
Iron	57-2	116193.13	116453.49	117124.12	116590.25	0.41	ppb
Krypton	83-1						cps
Lead	206-1	496.12	495.89	497.89	496.63	0.22	ppb
Lead	207-1	495.07	488.33	496.41	493.27	0.88	ppb
Lead	208-1	493.29	489.98	499.15	494.14	0.94	ppb
Lithium	6-1				91		%
Magnesium	24-2	239256.37	238932.51	246237.04	241475.31	1.71	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:19:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	966.89	960.40	990.04	972.44	1.60	ppb
Molybdenum	94-1	2416.75	2456.99	2412.36	2428.70	1.01	ppb
Molybdenum	95-1	2428.38	2441.88	2419.36	2429.88	0.47	ppb
Molybdenum	96-1	2425.71	2413.06	2412.55	2417.11	0.31	ppb
Molybdenum	97-1	2435.29	2439.83	2416.18	2430.43	0.52	ppb
Molybdenum	98-1	2464.78	2435.68	2448.03	2449.50	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	463.56	462.47	476.51	467.51	1.67	ppb
Phosphorus	31-2	10264.80	9357.78	9562.58	9728.39	4.89	ppb
Potassium	39-2	124036.26	123841.19	124670.92	124182.79	0.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				102		%
Scandium	45-1				107		%
Scandium	45-2				120		%
Selenium	77-2	594.42	517.41	533.10	548.31	7.42	ppb
Selenium	78-2	497.22	504.03	467.75	489.67	3.94	ppb
Selenium	82-1	484.93	484.46	478.84	482.75	0.70	ppb
Silicon	28-1	520.99	526.77	533.34	527.04	1.17	ppb
Silver	109-1	501.55	501.06	501.39	501.33	0.05	ppb
Silver	107-1	498.82	495.97	492.55	495.78	0.63	ppb
Sodium	23-2	241149.63	240295.50	247858.54	243101.23	1.70	ppb
Strontium	86-1	495.02	497.83	495.98	496.28	0.29	ppb
Strontium	88-1	512.84	504.67	501.88	506.46	1.13	ppb
Sulfur	34-1	11556.77	11395.51	11373.42	11441.90	0.87	ppb
Terbium	159-1				92		%
Terbium	159-2				105		%
Thallium	203-1	494.18	496.55	500.68	497.14	0.66	ppb
Thallium	205-1	495.93	494.00	497.24	495.73	0.33	ppb
Tin	118-1	513.00	513.00	506.41	510.80	0.75	ppb
Titanium	47-1	2431.47	2460.84	2440.53	2444.28	0.62	ppb
Uranium	238-1	475.37	474.53	474.82	474.91	0.09	ppb
Vanadium	51-2	485.95	485.73	497.99	489.89	1.43	ppb
Yttrium	89-1				101		%
Yttrium	89-2				115		%
Zinc	66-2	924.89	918.52	939.90	927.77	1.18	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:19:01	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.88	485.69	488.29	488.96	0.74	ppb
Zirconium	91-1	482.92	493.87	488.60	488.46	1.12	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:22:09	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.29	4.55	-2.11	0.38	952.69	ppb
Antimony	121-1	1.48	1.61	1.69	1.59	6.77	ppb
Arsenic	75-2	0.16	0.14	0.17	0.16	9.08	ppb
Barium	135-1	0.10	0.04	0.06	0.06	44.87	ppb
Barium	137-1	0.08	0.03	0.02	0.04	70.50	ppb
Beryllium	9-1	0.05	0.08	0.03	0.05	55.79	ppb
Bismuth	209-1				87		%
Bismuth	209-2				99		%
Boron	10-1	14.88	13.70	13.02	13.87	6.82	ppb
Boron	11-1	14.88	13.35	11.78	13.34	11.62	ppb
Cadmium	111-1	0.07	0.07	0.02	0.05	54.44	ppb
Cadmium	106-1	0.78	0.83	-0.06	0.51	97.09	ppb
Cadmium	108-1	0.08	0.04	0.05	0.06	31.32	ppb
Calcium	43-1	4.34	6.27	0.00	3.54	90.69	ppb
Calcium	44-1	9.74	7.74	6.67	8.05	19.38	ppb
Chromium	52-2	0.01	0.02	-0.05	-0.01		ppb
Cobalt	59-2	-0.02	-0.03	-0.01	-0.02		ppb
Copper	63-2	-0.45	-0.40	-0.35	-0.40		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				90		%
Holmium	165-2				104		%
Indium	115-1				98		%
Indium	115-2				111		%
Iron	56-2	3.53	3.97	3.99	3.83	6.78	ppb
Iron	57-2	4.33	4.29	3.17	3.93	16.73	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.06	0.03	0.05	30.67	ppb
Lead	207-1	0.05	0.04	0.06	0.05	12.44	ppb
Lead	208-1	0.05	0.05	0.05	0.05	5.65	ppb
Lithium	6-1				92		%
Magnesium	24-2	2.86	3.77	3.20	3.28	14.04	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:22:09	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	-0.03	0.00	1191.52	ppb
Molybdenum	94-1	1.10	1.28	1.43	1.27	12.69	ppb
Molybdenum	95-1	1.33	1.60	1.75	1.56	13.54	ppb
Molybdenum	96-1	1.31	1.48	1.81	1.54	16.48	ppb
Molybdenum	97-1	1.39	1.50	1.81	1.57	13.93	ppb
Molybdenum	98-1	1.37	1.65	1.84	1.62	14.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	0.04	0.03	67.50	ppb
Phosphorus	31-2	-9.55	15.58	3.72	3.25	386.92	ppb
Potassium	39-2	14.69	10.57	16.59	13.95	22.06	ppb
Rhodium	103-1				100		%
Rhodium	103-2				108		%
Scandium	45-1				106		%
Scandium	45-2				118		%
Selenium	77-2	-2.52	0.73	-2.52	-1.44		ppb
Selenium	78-2	0.65	1.68	1.17	1.16	44.35	ppb
Selenium	82-1	0.31	0.03	0.83	0.39	104.60	ppb
Silicon	28-1	-3.45	-7.57	-5.59	-5.54		ppb
Silver	109-1	0.03	0.02	0.02	0.02	31.29	ppb
Silver	107-1	0.03	0.02	0.01	0.02	33.85	ppb
Sodium	23-2	49.93	48.60	51.45	49.99	2.85	ppb
Strontium	86-1	0.00	0.06	0.01	0.02	150.57	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.48	ppb
Sulfur	34-1	-2532.39	-2505.92	-2592.27	-2543.52		ppb
Terbium	159-1				92		%
Terbium	159-2				104		%
Thallium	203-1	0.13	0.12	0.13	0.13	4.14	ppb
Thallium	205-1	0.15	0.11	0.11	0.12	17.30	ppb
Tin	118-1	0.32	0.35	0.41	0.36	12.94	ppb
Titanium	47-1	0.17	0.17	0.12	0.15	17.59	ppb
Uranium	238-1	0.01	0.00	0.00	0.01	54.65	ppb
Vanadium	51-2	0.00	0.01	0.01	0.01	34.99	ppb
Yttrium	89-1				101		%
Yttrium	89-2				115		%
Zinc	66-2	0.04	-0.03	-0.05	-0.01		ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:22:09	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.11	0.13	0.12	6.83	ppb
Zirconium	91-1	0.10	0.10	0.12	0.10	8.93	ppb

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:16:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	33	17	25	33.32	cps
Antimony	121-1	217	200	342	253	30.63	cps
Arsenic	75-2	0	2	6	2	114.63	cps
Barium	135-1	17	42	83	47	71.32	cps
Barium	137-1	142	108	117	122	14.19	cps
Beryllium	9-1	39	39	50	43	15.06	cps
Bismuth	209-1	7073384	7123977	7098263	7098541	0.36	cps
Bismuth	209-2	2349706	2374989	2225656	2316784	3.45	cps
Boron	10-1	150	125	133	136	9.35	cps
Boron	11-1	575	475	475	508	11.36	cps
Cadmium	111-1	1523	1493	1295	1437	8.61	cps
Cadmium	106-1	2134	2084	1825	2014	8.22	cps
Cadmium	108-1	0	4	17	7	124.88	cps
Calcium	43-1	725	783	717	742	4.90	cps
Calcium	44-1	31904	31286	32289	31826	1.59	cps
Chromium	52-2	577	680	597	618	8.87	cps
Cobalt	59-2	113	80	90	94	18.12	cps
Copper	63-2	2220	2264	2250	2245	0.99	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	25	33	28	17.31	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	83	100	75	86	14.78	cps
Gadolinium	160-2	20	30	17	22	31.22	cps
Holmium	165-1	11545270	11501657	11566347	11537758	0.29	cps
Holmium	165-2	3002529	2954335	2869088	2941984	2.30	cps
Indium	115-1	9502293	9458238	9348980	9436504	0.84	cps
Indium	115-2	514880	506787	485250	502306	3.05	cps
Iron	56-2	1683	1533	1589	1602	4.73	cps
Iron	57-2	22	56	50	43	41.93	cps
Krypton	83-1	427	483	467	459	6.35	cps
Lead	206-1	367	367	478	404	15.89	cps
Lead	207-1	306	339	461	369	22.22	cps
Lead	208-1	1428	1500	1728	1552	10.09	cps
Lithium	6-1	1880936	1876324	1898234	1885165	0.61	cps
Magnesium	24-2	150	133	142	142	5.88	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:16:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	37	26	37.66	cps
Molybdenum	94-1	250	350	342	314	17.68	cps
Molybdenum	95-1	100	150	158	136	23.18	cps
Molybdenum	96-1	200	233	167	200	16.67	cps
Molybdenum	97-1	83	125	142	117	25.75	cps
Molybdenum	98-1	192	167	292	217	30.53	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	27	40	30	32	21.53	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	3101	3042	3125	3089	1.38	cps
Rhodium	103-1	9230416	9146280	9044443	9140380	1.02	cps
Rhodium	103-2	2794657	2776510	2671025	2747397	2.43	cps
Scandium	45-1	5802578	5769462	5654844	5742295	1.35	cps
Scandium	45-2	55750	54676	53352	54593	2.20	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	25	-34	-28	-12	-263.51	cps
Silicon	28-1	388456	390674	389295	389475	0.29	cps
Silver	109-1	92	125	125	114	16.90	cps
Silver	107-1	133	183	175	164	16.34	cps
Sodium	23-2	7436	7336	7469	7413	0.94	cps
Strontium	86-1	675	667	625	656	4.09	cps
Strontium	88-1	150	125	133	136	9.35	cps
Sulfur	34-1	439259	436311	438604	438058	0.35	cps
Terbium	159-1	12003182	11825059	11809060	11879101	0.91	cps
Terbium	159-2	2995461	2967254	2821675	2928130	3.19	cps
Thallium	203-1	367	217	242	275	29.22	cps
Thallium	205-1	608	525	650	594	10.71	cps
Tin	118-1	1392	1342	1425	1386	3.03	cps
Titanium	47-1	133	133	208	158	27.35	cps
Uranium	238-1	367	408	275	350	19.49	cps
Vanadium	51-2	13	20	17	17	20.01	cps
Yttrium	89-1	9983719	9911166	10016854	9970580	0.54	cps
Yttrium	89-2	378796	373044	355754	369198	3.25	cps
Zinc	66-2	37	40	37	38	5.09	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:16:33	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	650	583	619	5.44	cps
Zirconium	91-1	208	133	108	150	34.70	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125	158	200	161	23.32	cps
Antimony	121-1	17996	17604	17671	17757	1.18	cps
Arsenic	75-2	144	131	98	125	19.15	cps
Barium	135-1	17946	18205	18831	18327	2.48	cps
Barium	137-1	31497	33075	31121	31898	3.25	cps
Beryllium	9-1	1506	1389	1561	1485	5.92	cps
Bismuth	209-1	7192253	7260942	7327398	7260198	0.93	cps
Bismuth	209-2	2420827	2367255	2406442	2398175	1.16	cps
Boron	10-1	3842	3726	3726	3765	1.79	cps
Boron	11-1	18254	18746	19656	18885	3.77	cps
Cadmium	111-1	3424	3470	3207	3367	4.18	cps
Cadmium	106-1	2150	2217	2067	2145	3.51	cps
Cadmium	108-1	146	171	171	163	8.88	cps
Calcium	43-1	11764	10763	11297	11274	4.44	cps
Calcium	44-1	201840	202389	204645	202958	0.73	cps
Chromium	52-2	2914	2837	2650	2800	4.84	cps
Cobalt	59-2	2167	2170	2177	2171	0.23	cps
Copper	63-2	6155	6312	5898	6121	3.41	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	92	33	58	61	47.89	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	58	142	50	83	60.83	cps
Gadolinium	160-2	23	13	17	18	28.64	cps
Holmium	165-1	11861072	11625824	11733519	11740138	1.00	cps
Holmium	165-2	3037902	3034048	3024728	3032226	0.22	cps
Indium	115-1	9560967	9622224	9533543	9572245	0.47	cps
Indium	115-2	506293	506838	508641	507257	0.24	cps
Iron	56-2	38409	38214	38298	38307	0.26	cps
Iron	57-2	922	878	933	911	3.23	cps
Krypton	83-1	403	410	437	417	4.23	cps
Lead	206-1	6079	5807	6002	5963	2.35	cps
Lead	207-1	5535	5513	5424	5490	1.07	cps
Lead	208-1	24082	24805	24510	24466	1.49	cps
Lithium	6-1	1923866	1912913	1918780	1918520	0.29	cps
Magnesium	24-2	19364	18980	18746	19030	1.64	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	397	337	323	352	11.09	cps
Molybdenum	94-1	15893	15451	15459	15601	1.62	cps
Molybdenum	95-1	19440	19123	19022	19195	1.13	cps
Molybdenum	96-1	21877	21910	21643	21810	0.67	cps
Molybdenum	97-1	12106	12339	11814	12086	2.18	cps
Molybdenum	98-1	30686	31630	32097	31471	2.28	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	737	750	720	736	2.04	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	13741	13924	13299	13654	2.36	cps
Rhodium	103-1	9399009	9290333	9299787	9329709	0.65	cps
Rhodium	103-2	2829970	2848368	2801724	2826687	0.83	cps
Scandium	45-1	5816417	5831257	5896098	5847924	0.72	cps
Scandium	45-2	55971	55646	55422	55680	0.50	cps
Selenium	77-2	17	7	10	11	45.82	cps
Selenium	78-2	7	24	11	14	61.62	cps
Selenium	82-1	653	691	595	647	7.46	cps
Silicon	28-1	457469	456080	457426	456992	0.17	cps
Silver	109-1	9929	9620	10404	9985	3.96	cps
Silver	107-1	10296	10121	10213	10210	0.86	cps
Sodium	23-2	52079	51837	50373	51430	1.79	cps
Strontium	86-1	3251	3392	3234	3292	2.64	cps
Strontium	88-1	21952	22060	21217	21743	2.11	cps
Sulfur	34-1	447038	450415	447140	448198	0.43	cps
Terbium	159-1	12186259	12099694	12022379	12102777	0.68	cps
Terbium	159-2	3042493	3003888	3017089	3021157	0.65	cps
Thallium	203-1	7436	6810	7628	7291	5.86	cps
Thallium	205-1	16453	17021	16912	16795	1.79	cps
Tin	118-1	32173	32248	31496	31973	1.30	cps
Titanium	47-1	5285	5401	5518	5401	2.16	cps
Uranium	238-1	21194	21929	21812	21645	1.82	cps
Vanadium	51-2	3614	3607	3347	3523	4.32	cps
Yttrium	89-1	10209849	10148717	10020194	10126253	0.96	cps
Yttrium	89-2	375638	375078	371540	374085	0.59	cps
Zinc	66-2	393	437	397	409	5.90	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:23:59	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12790	12590	12323	12567	1.86	cps
Zirconium	91-1	2800	2675	2892	2789	3.90	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:27:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8878	8720	8470	8689	2.37	cps
Antimony	121-1	462325	469907	472170	468134	1.10	cps
Arsenic	75-2	5977	6090	5877	5982	1.78	cps
Barium	135-1	493736	491694	498481	494637	0.70	cps
Barium	137-1	863589	864726	861718	863344	0.18	cps
Beryllium	9-1	73018	74900	74520	74146	1.34	cps
Bismuth	209-1	7314911	7362912	7299764	7325862	0.45	cps
Bismuth	209-2	2397523	2383855	2414859	2398745	0.65	cps
Boron	10-1	8086	8336	8911	8444	5.01	cps
Boron	11-1	40834	41520	42430	41595	1.92	cps
Cadmium	111-1	109065	109193	109851	109370	0.39	cps
Cadmium	106-1	13082	12323	12631	12679	3.01	cps
Cadmium	108-1	7686	7648	7556	7630	0.87	cps
Calcium	43-1	116103	114271	115438	115271	0.80	cps
Calcium	44-1	1922844	1911935	1932008	1922262	0.52	cps
Chromium	52-2	55921	55871	54680	55491	1.27	cps
Cobalt	59-2	114549	113313	113343	113735	0.62	cps
Copper	63-2	205557	206318	204995	205623	0.32	cps
Dysprosium	156-1	25	17	8	17	50.01	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	100	83	92	92	9.09	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	11836135	11801363	11718483	11785327	0.51	cps
Holmium	165-2	3033287	3041621	3075843	3050250	0.74	cps
Indium	115-1	9530494	9624504	9614921	9589973	0.54	cps
Indium	115-2	510279	514109	515944	513444	0.56	cps
Iron	56-2	1984018	1998857	1995853	1992909	0.39	cps
Iron	57-2	49411	49343	48184	48979	1.41	cps
Krypton	83-1	447	423	430	433	2.77	cps
Lead	206-1	292341	291376	292838	292185	0.25	cps
Lead	207-1	265747	262799	266426	264991	0.73	cps
Lead	208-1	1198730	1190925	1195445	1195033	0.33	cps
Lithium	6-1	1933003	1920075	1922996	1925358	0.35	cps
Magnesium	24-2	210325	207271	210885	209493	0.93	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:27:40	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	32398	32244	31937	32193	0.73	cps
Molybdenum	94-1	842567	853254	852557	849459	0.70	cps
Molybdenum	95-1	1032286	1040947	1034677	1035970	0.43	cps
Molybdenum	96-1	1144297	1148643	1161060	1151333	0.76	cps
Molybdenum	97-1	650585	647200	650296	649360	0.29	cps
Molybdenum	98-1	1673532	1667033	1687592	1676052	0.63	cps
Neodymium	150-1	7	13	40	20	88.19	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	34867	35241	34553	34887	0.99	cps
Phosphorus	31-2	525	475	458	486	7.14	cps
Potassium	39-2	59769	60799	61419	60662	1.37	cps
Rhodium	103-1	9372783	9388978	9333759	9365173	0.30	cps
Rhodium	103-2	2822040	2842900	2832348	2832429	0.37	cps
Scandium	45-1	5889811	5886974	5932795	5903193	0.43	cps
Scandium	45-2	56018	55436	56774	56076	1.20	cps
Selenium	77-2	67	60	27	51	41.93	cps
Selenium	78-2	172	126	128	142	18.46	cps
Selenium	82-1	6766	6485	6590	6614	2.15	cps
Silicon	28-1	649019	649904	652651	650525	0.29	cps
Silver	109-1	514078	513104	505720	510967	0.89	cps
Silver	107-1	531231	534878	539100	535069	0.74	cps
Sodium	23-2	477739	477537	477859	477712	0.03	cps
Strontium	86-1	131822	132052	133330	132401	0.61	cps
Strontium	88-1	1133535	1127136	1130600	1130424	0.28	cps
Sulfur	34-1	479328	478192	479023	478848	0.12	cps
Terbium	159-1	12265917	12111067	12196456	12191147	0.64	cps
Terbium	159-2	3055295	3064044	3030954	3050098	0.56	cps
Thallium	203-1	364194	359894	360964	361684	0.62	cps
Thallium	205-1	874950	868267	872351	871856	0.39	cps
Tin	118-1	328057	333288	330699	330682	0.79	cps
Titanium	47-1	283781	282852	282884	283172	0.19	cps
Uranium	238-1	1160504	1149552	1154650	1154902	0.47	cps
Vanadium	51-2	39329	39412	39412	39384	0.12	cps
Yttrium	89-1	10253727	10203975	10180729	10212811	0.37	cps
Yttrium	89-2	376762	380115	380946	379274	0.58	cps
Zinc	66-2	18326	18039	18209	18191	0.79	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:27:40	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	696387	697692	698416	697498	0.15	cps
Zirconium	91-1	153709	153489	154948	154049	0.51	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	22686	22511	22076	22424	1.40	cps
Antimony	121-1	1196422	1191012	1189538	1192324	0.30	cps
Arsenic	75-2	15652	15466	15653	15590	0.69	cps
Barium	135-1	1240211	1242815	1239114	1240713	0.15	cps
Barium	137-1	2220095	2210802	2195347	2208748	0.57	cps
Beryllium	9-1	184332	184860	182650	183947	0.63	cps
Bismuth	209-1	7189878	7178642	7328721	7232414	1.16	cps
Bismuth	209-2	2393856	2419776	2414958	2409530	0.57	cps
Boron	10-1	20374	21358	21408	21047	2.77	cps
Boron	11-1	100475	100803	103421	101567	1.59	cps
Cadmium	111-1	268429	270152	270499	269693	0.41	cps
Cadmium	106-1	30853	30001	29091	29982	2.94	cps
Cadmium	108-1	19544	18709	18580	18944	2.76	cps
Calcium	43-1	285761	288535	286877	287058	0.49	cps
Calcium	44-1	4683206	4702301	4751527	4712345	0.75	cps
Chromium	52-2	140270	141769	142742	141594	0.88	cps
Cobalt	59-2	288216	286101	289211	287842	0.55	cps
Copper	63-2	516379	519120	517394	517631	0.27	cps
Dysprosium	156-1	42	33	25	33	25.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	25	50	42	34.64	cps
Erbium	164-2	7	3	7	6	34.70	cps
Gadolinium	160-1	83	92	92	89	5.41	cps
Gadolinium	160-2	13	20	23	19	26.96	cps
Holmium	165-1	11755800	11886776	11822989	11821855	0.55	cps
Holmium	165-2	3060989	3099501	3094303	3084931	0.68	cps
Indium	115-1	9589799	9604857	9629793	9608150	0.21	cps
Indium	115-2	518358	521896	525885	522046	0.72	cps
Iron	56-2	4972925	4979047	5014706	4988893	0.45	cps
Iron	57-2	126172	122450	127707	125443	2.15	cps
Krypton	83-1	433	413	410	419	3.01	cps
Lead	206-1	733087	733987	729053	732042	0.36	cps
Lead	207-1	665925	664150	668810	666295	0.35	cps
Lead	208-1	3000880	2989959	3005052	2998630	0.26	cps
Lithium	6-1	1891203	1895508	1914468	1900393	0.65	cps
Magnesium	24-2	531206	527268	531461	529979	0.44	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:31:21	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	82002	82901	81781	82228	0.72	cps
Molybdenum	94-1	2179341	2177099	2155174	2170538	0.62	cps
Molybdenum	95-1	2645282	2633393	2658036	2645570	0.47	cps
Molybdenum	96-1	2965809	2992205	2934591	2964202	0.97	cps
Molybdenum	97-1	1706060	1670640	1677400	1684700	1.12	cps
Molybdenum	98-1	4234982	4217513	4188990	4213828	0.55	cps
Neodymium	150-1	60	27	87	58	52.03	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	88210	87506	87653	87790	0.42	cps
Phosphorus	31-2	1533	1525	1550	1536	0.83	cps
Potassium	39-2	150311	147515	153302	150376	1.92	cps
Rhodium	103-1	9210942	9246571	9223070	9226861	0.20	cps
Rhodium	103-2	2868589	2852259	2839447	2853431	0.51	cps
Scandium	45-1	5895997	5935648	5972975	5934873	0.65	cps
Scandium	45-2	57487	57671	58086	57748	0.53	cps
Selenium	77-2	127	163	117	136	18.13	cps
Selenium	78-2	450	420	430	433	3.50	cps
Selenium	82-1	16513	16660	16629	16601	0.47	cps
Silicon	28-1	1032250	914057	918417	954908	7.02	cps
Silver	109-1	1282204	1268839	1283610	1278218	0.64	cps
Silver	107-1	1339153	1343995	1343022	1342057	0.19	cps
Sodium	23-2	1210615	1217126	1221926	1216555	0.47	cps
Strontium	86-1	329103	328728	329798	329210	0.16	cps
Strontium	88-1	2919831	2929646	2899267	2916248	0.53	cps
Sulfur	34-1	528145	525923	528489	527519	0.26	cps
Terbium	159-1	12149620	12248759	12256799	12218393	0.49	cps
Terbium	159-2	3098397	3106360	3094167	3099641	0.20	cps
Thallium	203-1	916527	910973	902708	910070	0.76	cps
Thallium	205-1	2203286	2216244	2195876	2205135	0.47	cps
Tin	118-1	828591	831665	833120	831125	0.28	cps
Titanium	47-1	710132	715872	718963	714989	0.63	cps
Uranium	238-1	2923127	2917620	2965578	2935442	0.89	cps
Vanadium	51-2	100843	100024	101098	100655	0.56	cps
Yttrium	89-1	10163693	10189158	10311897	10221583	0.78	cps
Yttrium	89-2	383877	384245	388388	385503	0.65	cps
Zinc	66-2	45488	45712	45936	45712	0.49	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:31:21	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1828368	1813700	1812545	1818205	0.49	cps
Zirconium	91-1	393107	398996	395201	395768	0.75	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	44922	44947	44187	44685	0.97	cps
Antimony	121-1	2480906	2433241	2453081	2455743	0.98	cps
Arsenic	75-2	31490	31957	31877	31775	0.79	cps
Barium	135-1	2550405	2548739	2527659	2542268	0.50	cps
Barium	137-1	4330713	4405914	4351174	4362600	0.89	cps
Beryllium	9-1	357364	358707	357251	357774	0.23	cps
Bismuth	209-1	7159538	7178040	7174023	7170534	0.14	cps
Bismuth	209-2	2460130	2466454	2450112	2458899	0.34	cps
Boron	10-1	39965	41662	40951	40859	2.09	cps
Boron	11-1	196046	202839	207917	202267	2.94	cps
Cadmium	111-1	536464	532842	538542	535949	0.54	cps
Cadmium	106-1	55599	56227	55038	55621	1.07	cps
Cadmium	108-1	37924	37736	38108	37923	0.49	cps
Calcium	43-1	580335	578659	576595	578529	0.32	cps
Calcium	44-1	9414856	9366277	9353159	9378097	0.35	cps
Chromium	52-2	283541	282772	283258	283190	0.14	cps
Cobalt	59-2	574645	583868	579415	579310	0.80	cps
Copper	63-2	1031513	1027974	1024618	1028035	0.34	cps
Dysprosium	156-1	33	8	25	22	57.29	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	42	75	125	81	52.07	cps
Erbium	164-2	10	20	10	13	43.30	cps
Gadolinium	160-1	100	58	92	83	26.45	cps
Gadolinium	160-2	13	13	13	13	0.00	cps
Holmium	165-1	11727385	11746410	11729407	11734400	0.09	cps
Holmium	165-2	3188747	3211397	3151422	3183855	0.95	cps
Indium	115-1	9761130	9718266	9688606	9722667	0.38	cps
Indium	115-2	529535	532198	533534	531756	0.38	cps
Iron	56-2	10092872	10056742	9961429	10037015	0.68	cps
Iron	57-2	252735	254467	250959	252720	0.69	cps
Krypton	83-1	437	443	420	433	2.77	cps
Lead	206-1	1430877	1450142	1423885	1434968	0.95	cps
Lead	207-1	1313063	1309564	1310361	1310996	0.14	cps
Lead	208-1	5988089	5953716	5943367	5961724	0.39	cps
Lithium	6-1	1887075	1895724	1852786	1878529	1.21	cps
Magnesium	24-2	1058759	1061791	1049465	1056672	0.61	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	165470	166660	165068	165733	0.50	cps
Molybdenum	94-1	4325034	4329458	4342506	4332332	0.21	cps
Molybdenum	95-1	5240199	5259609	5246315	5248708	0.19	cps
Molybdenum	96-1	5879585	5880264	5812454	5857434	0.67	cps
Molybdenum	97-1	3345180	3399225	3353828	3366078	0.86	cps
Molybdenum	98-1	8339697	8461353	8412155	8404402	0.73	cps
Neodymium	150-1	100	140	100	113	20.38	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	175217	175551	175348	175372	0.10	cps
Phosphorus	31-2	2984	3367	3276	3209	6.24	cps
Potassium	39-2	295935	304358	300070	300121	1.40	cps
Rhodium	103-1	9269893	9313047	9298351	9293763	0.24	cps
Rhodium	103-2	2851406	2894150	2874729	2873428	0.74	cps
Scandium	45-1	5966596	6027223	6052840	6015553	0.74	cps
Scandium	45-2	58290	58481	58290	58354	0.19	cps
Selenium	77-2	217	290	243	250	14.85	cps
Selenium	78-2	820	796	798	805	1.66	cps
Selenium	82-1	33505	33313	33336	33385	0.31	cps
Silicon	28-1	1500355	1510157	1532462	1514325	1.09	cps
Silver	109-1	2635636	2602513	2635047	2624399	0.72	cps
Silver	107-1	2759105	2689606	2727912	2725541	1.28	cps
Sodium	23-2	2420820	2455739	2412125	2429561	0.95	cps
Strontium	86-1	670627	669155	667698	669160	0.22	cps
Strontium	88-1	5807386	5752620	5701719	5753908	0.92	cps
Sulfur	34-1	608873	607570	613161	609868	0.48	cps
Terbium	159-1	12233436	12209930	12241224	12228197	0.13	cps
Terbium	159-2	3143160	3158022	3133503	3144895	0.39	cps
Thallium	203-1	1817637	1810389	1811662	1813229	0.21	cps
Thallium	205-1	4289892	4321150	4269894	4293645	0.60	cps
Tin	118-1	1728239	1702581	1707195	1712671	0.80	cps
Titanium	47-1	1442016	1470696	1441211	1451308	1.16	cps
Uranium	238-1	5720224	5674237	5647851	5680771	0.64	cps
Vanadium	51-2	201487	201930	202565	201994	0.27	cps
Yttrium	89-1	10378586	10463449	10405794	10415943	0.42	cps
Yttrium	89-2	395514	400366	397763	397881	0.61	cps
Zinc	66-2	93452	91982	91878	92438	0.95	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:34:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3612607	3607601	3578562	3599590	0.51	cps
Zirconium	91-1	797258	797894	797451	797534	0.04	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	89968	90942	92485	91131	1.39	cps
Antimony	121-1	4825153	4893876	4861804	4860278	0.71	cps
Arsenic	75-2	65290	65281	65629	65400	0.30	cps
Barium	135-1	4974068	5036734	4985542	4998781	0.67	cps
Barium	137-1	8620825	8584856	8586920	8597534	0.23	cps
Beryllium	9-1	692118	700355	695597	696023	0.59	cps
Bismuth	209-1	7021794	7000634	6920898	6981109	0.76	cps
Bismuth	209-2	2427020	2454825	2459573	2447140	0.72	cps
Boron	10-1	79738	81749	82672	81386	1.84	cps
Boron	11-1	389387	398763	399771	395974	1.45	cps
Cadmium	111-1	1064443	1081091	1076376	1073970	0.80	cps
Cadmium	106-1	112122	111458	111617	111732	0.31	cps
Cadmium	108-1	76244	75657	75774	75891	0.41	cps
Calcium	43-1	1171393	1178763	1172081	1174079	0.35	cps
Calcium	44-1	19091908	18979012	19057560	19042827	0.30	cps
Chromium	52-2	580134	583209	586908	583417	0.58	cps
Cobalt	59-2	1164504	1174851	1182698	1174018	0.78	cps
Copper	63-2	2092210	2102008	2130717	2108312	0.95	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	7	10	10	9	21.63	cps
Erbium	164-1	42	33	8	28	62.46	cps
Erbium	164-2	3	17	17	12	63.01	cps
Gadolinium	160-1	75	108	108	97	19.80	cps
Gadolinium	160-2	27	17	13	19	36.75	cps
Holmium	165-1	11682511	11695313	11629358	11669061	0.30	cps
Holmium	165-2	3217222	3230093	3244790	3230702	0.43	cps
Indium	115-1	9627610	9718032	9642683	9662775	0.50	cps
Indium	115-2	547081	545560	544557	545733	0.23	cps
Iron	56-2	20301726	20513885	20586596	20467403	0.72	cps
Iron	57-2	510677	518801	514938	514806	0.79	cps
Krypton	83-1	460	443	423	442	4.15	cps
Lead	206-1	2816166	2844791	2778645	2813201	1.18	cps
Lead	207-1	2595388	2577303	2602443	2591711	0.50	cps
Lead	208-1	11594406	11631127	11533636	11586390	0.42	cps
Lithium	6-1	1816453	1835782	1795943	1816059	1.10	cps
Magnesium	24-2	2160189	2190455	2189779	2180141	0.79	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	341065	343631	347113	343936	0.88	cps
Molybdenum	94-1	8617521	8621604	8642340	8627155	0.15	cps
Molybdenum	95-1	10629532	10572726	10412948	10538402	1.07	cps
Molybdenum	96-1	11835394	11715875	11869388	11806886	0.68	cps
Molybdenum	97-1	6684843	6654620	6677076	6672180	0.24	cps
Molybdenum	98-1	16996470	16915739	16829792	16914000	0.49	cps
Neodymium	150-1	153	167	220	180	19.60	cps
Neodymium	150-2	10	20	17	16	32.73	cps
Nickel	60-2	351251	355752	355765	354256	0.73	cps
Phosphorus	31-2	6493	6102	5927	6174	4.70	cps
Potassium	39-2	606994	619206	616005	614068	1.03	cps
Rhodium	103-1	9374481	9347690	9191760	9304644	1.06	cps
Rhodium	103-2	2932651	2926597	2958798	2939349	0.58	cps
Scandium	45-1	6003133	6161386	6129490	6098003	1.37	cps
Scandium	45-2	60784	61678	61805	61422	0.91	cps
Selenium	77-2	453	513	490	486	6.23	cps
Selenium	78-2	1802	1815	1782	1800	0.93	cps
Selenium	82-1	66086	67065	66899	66683	0.79	cps
Silicon	28-1	2523097	2492582	2524494	2513391	0.72	cps
Silver	109-1	5085517	5145654	5163086	5131419	0.79	cps
Silver	107-1	5420964	5434465	5416596	5424008	0.17	cps
Sodium	23-2	4815548	4827695	4841387	4828210	0.27	cps
Strontium	86-1	1348417	1354724	1347217	1350119	0.30	cps
Strontium	88-1	11513651	11644177	11672398	11610075	0.73	cps
Sulfur	34-1	780878	773079	774482	776147	0.54	cps
Terbium	159-1	12217630	12101827	12057841	12125766	0.68	cps
Terbium	159-2	3245954	3227758	3239243	3237652	0.28	cps
Thallium	203-1	3511790	3511558	3492875	3505408	0.31	cps
Thallium	205-1	8302251	8203195	8274332	8259926	0.62	cps
Tin	118-1	3341937	3357762	3347112	3348937	0.24	cps
Titanium	47-1	2901443	2954853	2938707	2931668	0.93	cps
Uranium	238-1	10979495	11073960	10846011	10966489	1.04	cps
Vanadium	51-2	410068	415576	417045	414230	0.89	cps
Yttrium	89-1	10454654	10606186	10433190	10498010	0.90	cps
Yttrium	89-2	410068	415227	413484	412926	0.64	cps
Zinc	66-2	188443	187870	190015	188776	0.59	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:38:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7206193	7229448	7256678	7230773	0.35	cps
Zirconium	91-1	1654819	1644573	1623019	1640804	0.99	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	180273	178722	176248	178414	1.14	cps
Antimony	121-1	9823412	9899162	9719708	9814094	0.92	cps
Arsenic	75-2	132284	131504	131887	131891	0.30	cps
Barium	135-1	10006148	10079435	9958137	10014573	0.61	cps
Barium	137-1	17488579	17525211	17396864	17470218	0.38	cps
Beryllium	9-1	1395046	1361259	1396388	1384231	1.44	cps
Bismuth	209-1	6953128	7023838	7022668	6999878	0.58	cps
Bismuth	209-2	2451847	2458318	2453700	2454622	0.14	cps
Boron	10-1	157421	160117	160328	159289	1.02	cps
Boron	11-1	776447	781383	788296	782042	0.76	cps
Cadmium	111-1	2185088	2220045	2191743	2198959	0.84	cps
Cadmium	106-1	221409	222052	222773	222078	0.31	cps
Cadmium	108-1	153521	151743	151827	152363	0.66	cps
Calcium	43-1	2411502	2378034	2407700	2399079	0.76	cps
Calcium	44-1	38696576	38653871	38497897	38616114	0.27	cps
Chromium	52-2	1156141	1156572	1164903	1159205	0.43	cps
Cobalt	59-2	2386226	2379957	2376831	2381005	0.20	cps
Copper	63-2	4152891	4126890	4131542	4137108	0.34	cps
Dysprosium	156-1	108	117	92	106	12.06	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	83	108	67	86	24.35	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	158	125	83	122	30.74	cps
Gadolinium	160-2	40	27	17	28	42.13	cps
Holmium	165-1	11896233	11955643	11883676	11911851	0.32	cps
Holmium	165-2	3277040	3266566	3297853	3280487	0.49	cps
Indium	115-1	9755252	9809696	9739258	9768069	0.38	cps
Indium	115-2	545814	541089	538863	541922	0.65	cps
Iron	56-2	40925033	40951469	40877591	40918031	0.09	cps
Iron	57-2	1033058	1029914	1029470	1030814	0.19	cps
Krypton	83-1	493	410	503	469	10.93	cps
Lead	206-1	5564449	5589413	5526042	5559968	0.57	cps
Lead	207-1	5208773	5154103	5164294	5175723	0.56	cps
Lead	208-1	23023185	23122258	22733681	22959708	0.88	cps
Lithium	6-1	1801607	1837585	1771687	1803626	1.83	cps
Magnesium	24-2	4249155	4177799	4187099	4204684	0.92	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	686183	686375	678329	683629	0.67	cps
Molybdenum	94-1	17746695	17716370	17915528	17792864	0.60	cps
Molybdenum	95-1	21612195	21520682	21840717	21657865	0.76	cps
Molybdenum	96-1	23949409	24188654	24233041	24123702	0.63	cps
Molybdenum	97-1	13583181	13686328	13750833	13673447	0.62	cps
Molybdenum	98-1	34430868	34503297	34788524	34574230	0.55	cps
Neodymium	150-1	307	353	447	369	19.32	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	701542	697186	697748	698825	0.34	cps
Phosphorus	31-2	12664	12856	12740	12753	0.76	cps
Potassium	39-2	1214801	1224377	1222289	1220489	0.41	cps
Rhodium	103-1	9357071	9331254	9362427	9350251	0.18	cps
Rhodium	103-2	2928355	2934985	2920702	2928014	0.24	cps
Scandium	45-1	6199560	6270402	6150013	6206658	0.97	cps
Scandium	45-2	62448	62947	62230	62542	0.59	cps
Selenium	77-2	980	1010	1047	1012	3.30	cps
Selenium	78-2	3499	3432	3582	3504	2.15	cps
Selenium	82-1	135317	135221	135706	135414	0.19	cps
Silicon	28-1	4323437	4273825	4299188	4298817	0.58	cps
Silver	109-1	10299369	10338659	10196639	10278222	0.71	cps
Silver	107-1	10778093	10791626	10832851	10800857	0.26	cps
Sodium	23-2	9541039	9485241	9537453	9521244	0.33	cps
Strontium	86-1	2764186	2782924	2772218	2773109	0.34	cps
Strontium	88-1	23538819	23604644	23651983	23598482	0.24	cps
Sulfur	34-1	956428	945369	944550	948782	0.70	cps
Terbium	159-1	12364297	12438026	12438169	12413497	0.34	cps
Terbium	159-2	3279609	3265500	3262743	3269284	0.28	cps
Thallium	203-1	7003169	6984961	6990374	6992835	0.13	cps
Thallium	205-1	16514044	16576083	16384148	16491425	0.59	cps
Tin	118-1	6844064	6811283	6784563	6813303	0.44	cps
Titanium	47-1	5889710	5956732	5838833	5895091	1.00	cps
Uranium	238-1	22056129	22268014	22098955	22141033	0.51	cps
Vanadium	51-2	830843	832726	833285	832285	0.15	cps
Yttrium	89-1	10802220	10822634	10833242	10819365	0.15	cps
Yttrium	89-2	420440	415842	413326	416536	0.87	cps
Zinc	66-2	373566	372060	372922	372849	0.20	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:41:48	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14794590	14880651	14846250	14840497	0.29	cps
Zirconium	91-1	3310835	3284703	3347505	3314347	0.95	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	946539	956069	954310	952306	0.53	cps
Antimony	121-1	32733	35991	38707	35810	8.35	cps
Arsenic	75-2	106	106	117	109	5.87	cps
Barium	135-1	3617	3559	3617	3598	0.94	cps
Barium	137-1	6552	6494	5977	6341	4.99	cps
Beryllium	9-1	344	306	317	322	6.22	cps
Bismuth	209-1	6620516	6561006	6488194	6556572	1.01	cps
Bismuth	209-2	2384023	2396078	2371241	2383781	0.52	cps
Boron	10-1	7436	6402	6010	6616	11.13	cps
Boron	11-1	33423	31812	29306	31514	6.58	cps
Cadmium	111-1	2082	2240	2187	2170	3.70	cps
Cadmium	106-1	2292	2459	2425	2392	3.69	cps
Cadmium	108-1	38	50	46	44	14.32	cps
Calcium	43-1	12250222	12202556	12292635	12248471	0.37	cps
Calcium	44-1	197978109	199976467	199784688	199246421	0.55	cps
Chromium	52-2	48126	48852	48698	48558	0.79	cps
Cobalt	59-2	3981	3887	3864	3911	1.58	cps
Copper	63-2	8139	7956	8069	8055	1.15	cps
Dysprosium	156-1	100	92	83	92	9.09	cps
Dysprosium	156-2	17	10	23	17	39.99	cps
Erbium	164-1	42	83	42	56	43.30	cps
Erbium	164-2	17	23	7	16	53.90	cps
Gadolinium	160-1	117	133	83	111	22.91	cps
Gadolinium	160-2	17	30	20	22	31.22	cps
Holmium	165-1	11641060	11813154	11582762	11678992	1.03	cps
Holmium	165-2	3312248	3367216	3328726	3336063	0.85	cps
Indium	115-1	9555521	9370188	9295404	9407038	1.42	cps
Indium	115-2	555669	551594	550073	552445	0.52	cps
Iron	56-2	206081921	207564082	207202321	206949442	0.37	cps
Iron	57-2	5185238	5155218	5235069	5191842	0.78	cps
Krypton	83-1	510	393	463	456	12.89	cps
Lead	206-1	10644	11083	11011	10912	2.16	cps
Lead	207-1	9976	9482	9698	9719	2.55	cps
Lead	208-1	44343	43196	43391	43643	1.41	cps
Lithium	6-1	1781377	1776094	1771846	1776439	0.27	cps
Magnesium	24-2	20922437	20766973	20822953	20837454	0.38	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2857	2987	2907	2917	2.25	cps
Molybdenum	94-1	24556	26051	25959	25522	3.28	cps
Molybdenum	95-1	39743	42025	43646	41805	4.69	cps
Molybdenum	96-1	44441	46406	48362	46403	4.23	cps
Molybdenum	97-1	24623	26677	27445	26249	5.56	cps
Molybdenum	98-1	62027	65250	68139	65138	4.69	cps
Neodymium	150-1	147	93	73	104	36.29	cps
Neodymium	150-2	13	23	20	19	26.96	cps
Nickel	60-2	17868	18085	18382	18112	1.42	cps
Phosphorus	31-2	17	42	8	22	78.07	cps
Potassium	39-2	6285455	6252350	6205307	6247704	0.64	cps
Rhodium	103-1	8939429	8873561	8909294	8907428	0.37	cps
Rhodium	103-2	2835300	2819748	2795456	2816835	0.71	cps
Scandium	45-1	6086481	6145237	6245322	6159013	1.30	cps
Scandium	45-2	61645	62317	61403	61788	0.77	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	17	7	11	12	39.74	cps
Selenium	82-1	132	245	202	193	29.55	cps
Silicon	28-1	491044	492178	491228	491483	0.12	cps
Silver	109-1	1575	1700	1342	1539	11.82	cps
Silver	107-1	1725	1742	1625	1697	3.72	cps
Sodium	23-2	47478023	47892548	48192084	47854218	0.75	cps
Strontium	86-1	93688	94032	93655	93792	0.22	cps
Strontium	88-1	797549	807325	792764	799213	0.93	cps
Sulfur	34-1	408126	415436	413122	412228	0.91	cps
Terbium	159-1	12032212	12098550	11950343	12027035	0.62	cps
Terbium	159-2	3327451	3319511	3313719	3320227	0.21	cps
Thallium	203-1	3909	3484	3567	3653	6.17	cps
Thallium	205-1	9737	9196	8512	9148	6.72	cps
Tin	118-1	13441	14066	14450	13986	3.64	cps
Titanium	47-1	2067	2267	2142	2159	4.68	cps
Uranium	238-1	3742	3651	3517	3637	3.11	cps
Vanadium	51-2	360	390	427	392	8.51	cps
Yttrium	89-1	10526443	10594062	10394621	10505042	0.97	cps
Yttrium	89-2	421592	424443	424709	423581	0.41	cps
Zinc	66-2	1277	1130	1313	1240	7.82	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:45:06	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5493	5626	5368	5496	2.35	cps
Zirconium	91-1	1200	1092	1300	1197	8.70	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:54:31 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4559	4426	4826	4604	4.43	cps
Antimony	121-1	1851476	1846852	1870786	1856371	0.68	cps
Arsenic	75-2	27199	26459	27034	26897	1.44	cps
Barium	135-1	189372	192446	192128	191315	0.88	cps
Barium	137-1	334748	333701	336450	334966	0.41	cps
Beryllium	9-1	136485	138595	135050	136710	1.30	cps
Bismuth	209-1	6727968	6674708	6704670	6702449	0.40	cps
Bismuth	209-2	2458977	2463553	2464416	2462315	0.12	cps
Boron	10-1	104253	105325	104404	104661	0.55	cps
Boron	11-1	505389	508420	508277	507362	0.34	cps
Cadmium	111-1	213800	216279	216787	215622	0.74	cps
Cadmium	106-1	33802	33777	35046	34208	2.12	cps
Cadmium	108-1	18968	18726	18997	18897	0.79	cps
Calcium	43-1	52909	54281	53746	53646	1.29	cps
Calcium	44-1	865097	863017	869525	865879	0.38	cps
Chromium	52-2	116792	116530	118217	117179	0.77	cps
Cobalt	59-2	241553	242459	243379	242464	0.38	cps
Copper	63-2	216998	215247	218777	217007	0.81	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	142	67	108	106	35.60	cps
Erbium	164-2	7	10	13	10	33.30	cps
Gadolinium	160-1	75	100	117	97	21.57	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	11341846	11174020	11168808	11228225	0.88	cps
Holmium	165-2	3233005	3228312	3237441	3232920	0.14	cps
Indium	115-1	9634112	9635229	9631344	9633561	0.02	cps
Indium	115-2	571435	572408	565060	569634	0.70	cps
Iron	56-2	855281	856227	856376	855962	0.07	cps
Iron	57-2	21417	21601	21139	21385	1.09	cps
Krypton	83-1	403	450	507	453	11.41	cps
Lead	206-1	1057172	1061361	1061181	1059904	0.22	cps
Lead	207-1	920115	920659	919321	920032	0.07	cps
Lead	208-1	4278548	4283207	4283463	4281739	0.06	cps
Lithium	6-1	1859892	1851104	1820568	1843854	1.12	cps
Magnesium	24-2	52740	53627	53443	53270	0.88	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:54:31	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	35268	35629	35966	35621	0.98	cps
Molybdenum	94-1	4193581	4172747	4115537	4160622	0.97	cps
Molybdenum	95-1	2376203	2341673	2340298	2352725	0.86	cps
Molybdenum	96-1	2996024	2998710	2976340	2990358	0.41	cps
Molybdenum	97-1	1458682	1471868	1471095	1467215	0.50	cps
Molybdenum	98-1	3725239	3701862	3738838	3721979	0.50	cps
Neodymium	150-1	40	7	20	22	75.49	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73050	73530	72538	73039	0.68	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	54189	54222	55360	54590	1.22	cps
Rhodium	103-1	9445779	9430853	9467697	9448110	0.20	cps
Rhodium	103-2	3080655	3078779	3068184	3075873	0.22	cps
Scandium	45-1	6233411	6333564	6280592	6282522	0.80	cps
Scandium	45-2	66091	65046	65090	65409	0.90	cps
Selenium	77-2	237	230	243	237	2.82	cps
Selenium	78-2	739	752	850	780	7.79	cps
Selenium	82-1	26530	26442	26656	26543	0.41	cps
Silicon	28-1	2571293	2583223	2563296	2572604	0.39	cps
Silver	109-1	994160	1000095	995834	996696	0.31	cps
Silver	107-1	1042732	1049209	1047546	1046495	0.32	cps
Sodium	23-2	215077	214936	213038	214350	0.53	cps
Strontium	86-1	1446240	1482684	1454021	1460982	1.31	cps
Strontium	88-1	12556737	12607197	12488212	12550716	0.48	cps
Sulfur	34-1	409551	406697	407956	408068	0.35	cps
Terbium	159-1	11643491	11621415	11662256	11642387	0.18	cps
Terbium	159-2	3257327	3259332	3267383	3261347	0.16	cps
Thallium	203-1	1326710	1332804	1334405	1331306	0.30	cps
Thallium	205-1	3226670	3282102	3209837	3239536	1.17	cps
Tin	118-1	3575724	3547062	3601483	3574756	0.76	cps
Titanium	47-1	649445	648370	651547	649787	0.25	cps
Uranium	238-1	10849602	10718520	10648719	10738947	0.95	cps
Vanadium	51-2	83517	83862	84134	83838	0.37	cps
Yttrium	89-1	10532881	10597222	10464925	10531676	0.63	cps
Yttrium	89-2	434658	431200	431202	432353	0.46	cps
Zinc	66-2	39556	39105	39546	39403	0.65	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:54:31	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7769585	7849466	7780673	7799908	0.55	cps
Zirconium	91-1	1745251	1788295	1727519	1753688	1.78	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 13:59:44 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	33	22	57.30	cps
Antimony	121-1	4468	5626	6752	5615	20.34	cps
Arsenic	75-2	9	20	15	15	37.50	cps
Barium	135-1	58	50	17	42	52.91	cps
Barium	137-1	50	25	75	50	50.00	cps
Beryllium	9-1	133	61	94	96	37.54	cps
Bismuth	209-1	6418796	6401995	6431555	6417449	0.23	cps
Bismuth	209-2	2404253	2443616	2436105	2427991	0.86	cps
Boron	10-1	1100	1192	1108	1133	4.47	cps
Boron	11-1	5977	5785	6485	6082	5.95	cps
Cadmium	111-1	1333	1295	1459	1362	6.29	cps
Cadmium	106-1	1875	1800	2050	1909	6.72	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	783	817	808	803	2.16	cps
Calcium	44-1	39942	40643	40494	40360	0.92	cps
Chromium	52-2	683	770	637	697	9.71	cps
Cobalt	59-2	73	73	77	74	2.59	cps
Copper	63-2	2120	2174	2244	2179	2.84	cps
Dysprosium	156-1	0	17	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	83	50	56	45.83	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	83	108	92	94	13.48	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	10765734	10721182	10675164	10720693	0.42	cps
Holmium	165-2	3203600	3152598	3228670	3194956	1.21	cps
Indium	115-1	9603521	9437055	9507496	9516024	0.88	cps
Indium	115-2	578455	580770	575210	578145	0.48	cps
Iron	56-2	2372	2445	2467	2428	2.03	cps
Iron	57-2	56	72	106	78	32.73	cps
Krypton	83-1	507	490	450	482	6.04	cps
Lead	206-1	422	522	539	494	12.76	cps
Lead	207-1	589	433	489	504	15.65	cps
Lead	208-1	1900	2067	2017	1995	4.29	cps
Lithium	6-1	1796045	1766937	1789574	1784185	0.86	cps
Magnesium	24-2	125	208	108	147	36.39	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:59:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	17	33	29	37.08	cps
Molybdenum	94-1	1567	1825	2209	1867	17.30	cps
Molybdenum	95-1	1525	2175	2842	2181	30.19	cps
Molybdenum	96-1	1784	2484	3201	2489	28.46	cps
Molybdenum	97-1	1125	1417	1650	1397	18.83	cps
Molybdenum	98-1	2850	3192	4318	3453	22.23	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	40	50	50	47	12.37	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	3451	3684	3717	3617	4.02	cps
Rhodium	103-1	9305416	9312816	9335782	9318005	0.17	cps
Rhodium	103-2	3075965	3089428	3056267	3073886	0.54	cps
Scandium	45-1	6285754	6190957	6228249	6234987	0.77	cps
Scandium	45-2	64447	65234	64481	64721	0.69	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	-31	-17	-23	-24	-30.03	cps
Silicon	28-1	384639	381001	430906	398849	6.98	cps
Silver	109-1	150	217	158	175	20.76	cps
Silver	107-1	183	217	225	208	10.58	cps
Sodium	23-2	12790	13690	13073	13184	3.49	cps
Strontium	86-1	825	708	608	714	15.19	cps
Strontium	88-1	458	367	425	417	11.14	cps
Sulfur	34-1	402450	399014	402905	401456	0.53	cps
Terbium	159-1	11313001	11087688	11478411	11293033	1.74	cps
Terbium	159-2	3163571	3218832	3171976	3184793	0.93	cps
Thallium	203-1	717	717	792	742	5.84	cps
Thallium	205-1	1767	1575	1800	1714	7.09	cps
Tin	118-1	2559	2959	3184	2900	10.92	cps
Titanium	47-1	200	275	275	250	17.32	cps
Uranium	238-1	583	358	483	475	23.73	cps
Vanadium	51-2	7	10	7	8	24.71	cps
Yttrium	89-1	10461835	10430892	10383409	10425379	0.38	cps
Yttrium	89-2	432933	431777	429089	431266	0.46	cps
Zinc	66-2	30	20	33	28	24.98	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 13:59:44	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1450	1383	1208	1347	9.27	cps
Zirconium	91-1	275	333	317	308	9.74	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	872962	867349	869258	869856	0.33	cps
Antimony	121-1	13324	13866	13991	13727	2.58	cps
Arsenic	75-2	37	48	69	51	31.16	cps
Barium	135-1	2642	2667	2667	2659	0.54	cps
Barium	137-1	4693	4584	4868	4715	3.03	cps
Beryllium	9-1	411	339	506	419	19.97	cps
Bismuth	209-1	6261451	6139289	6043651	6148130	1.78	cps
Bismuth	209-2	2258663	2211501	2185899	2218688	1.66	cps
Boron	10-1	1400	1150	1083	1211	13.79	cps
Boron	11-1	6127	6335	5851	6104	3.97	cps
Cadmium	111-1	2132	1972	2153	2086	4.74	cps
Cadmium	106-1	2100	1792	2034	1975	8.21	cps
Cadmium	108-1	1138	1046	1083	1089	4.23	cps
Calcium	43-1	2352093	2334491	2329441	2338675	0.51	cps
Calcium	44-1	37412184	37748685	37867641	37676170	0.63	cps
Chromium	52-2	23757	24024	23864	23882	0.56	cps
Cobalt	59-2	2660	2780	2724	2721	2.21	cps
Copper	63-2	19067	18856	18719	18881	0.93	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	17	7	7	10	57.72	cps
Erbium	164-1	92	58	33	61	47.89	cps
Erbium	164-2	17	20	20	19	10.18	cps
Gadolinium	160-1	125	83	108	106	19.87	cps
Gadolinium	160-2	13	20	33	22	45.83	cps
Holmium	165-1	10959820	10926870	10761166	10882619	0.98	cps
Holmium	165-2	3144006	3108922	3097440	3116789	0.78	cps
Indium	115-1	9273187	9225100	9226182	9241490	0.30	cps
Indium	115-2	552217	548191	546116	548841	0.57	cps
Iron	56-2	82215927	82355402	81762041	82111123	0.38	cps
Iron	57-2	2126692	2110978	2090189	2109286	0.87	cps
Krypton	83-1	387	427	470	428	9.74	cps
Lead	206-1	24613	23795	23044	23817	3.30	cps
Lead	207-1	19593	19632	18853	19360	2.27	cps
Lead	208-1	91272	91184	88388	90282	1.82	cps
Lithium	6-1	1756905	1746758	1727816	1743826	0.85	cps
Magnesium	24-2	4289193	4201391	4273973	4254852	1.10	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2817	2587	2660	2688	4.37	cps
Molybdenum	94-1	4584363	4564748	4568392	4572501	0.23	cps
Molybdenum	95-1	8010090	7987931	7966420	7988147	0.27	cps
Molybdenum	96-1	8492368	8538802	8446486	8492552	0.54	cps
Molybdenum	97-1	5009558	4996958	5007637	5004718	0.14	cps
Molybdenum	98-1	12814557	12754204	12723216	12763992	0.36	cps
Neodymium	150-1	27	27	53	36	43.30	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	3884	3771	3571	3742	4.24	cps
Phosphorus	31-2	64305	64406	64322	64344	0.08	cps
Potassium	39-2	2630152	2599158	2619981	2616430	0.60	cps
Rhodium	103-1	9110536	8909262	8907659	8975819	1.30	cps
Rhodium	103-2	2932321	2880687	2885132	2899380	0.99	cps
Scandium	45-1	6274313	6153429	6117974	6181905	1.33	cps
Scandium	45-2	64276	64032	64457	64255	0.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	71	19	-23	22	211.04	cps
Silicon	28-1	534842	537959	537011	536604	0.30	cps
Silver	109-1	692	717	692	700	2.06	cps
Silver	107-1	600	533	825	653	23.41	cps
Sodium	23-2	9866533	9801668	9870534	9846245	0.39	cps
Strontium	86-1	88268	89551	87674	88498	1.08	cps
Strontium	88-1	762349	764170	764321	763613	0.14	cps
Sulfur	34-1	2934154	2933219	2946906	2938093	0.26	cps
Terbium	159-1	11448229	11194383	11098996	11247202	1.60	cps
Terbium	159-2	3216252	3123824	3073801	3137959	2.30	cps
Thallium	203-1	1417	1483	1567	1489	5.05	cps
Thallium	205-1	3417	3509	3342	3423	2.44	cps
Tin	118-1	2875	3109	2834	2939	5.04	cps
Titanium	47-1	2345513	2345749	2350064	2347109	0.11	cps
Uranium	238-1	383	425	442	417	7.21	cps
Vanadium	51-2	140	110	123	124	12.08	cps
Yttrium	89-1	10492430	10317454	10268574	10359486	1.14	cps
Yttrium	89-2	425025	424718	425554	425099	0.10	cps
Zinc	66-2	2184	2177	2050	2137	3.52	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:03:05	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7636	6902	6235	6924	10.12	cps
Zirconium	91-1	1525	1584	1383	1497	6.87	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 14:06:19 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	875409	874135	870089	873211	0.32	cps
Antimony	121-1	180453	184111	181874	182146	1.01	cps
Arsenic	75-2	2748	2654	2711	2705	1.76	cps
Barium	135-1	38607	38792	40171	39190	2.18	cps
Barium	137-1	67306	67791	68713	67937	1.05	cps
Beryllium	9-1	26336	26180	26414	26310	0.45	cps
Bismuth	209-1	5873712	5834890	5875437	5861346	0.39	cps
Bismuth	209-2	2164330	2175361	2109358	2149683	1.64	cps
Boron	10-1	1125	958	1125	1070	9.00	cps
Boron	11-1	5626	4968	5176	5257	6.40	cps
Cadmium	111-1	39648	39945	39002	39531	1.22	cps
Cadmium	106-1	5251	5018	5493	5254	4.52	cps
Cadmium	108-1	3392	3505	3542	3480	2.24	cps
Calcium	43-1	2305170	2345197	2333420	2327929	0.88	cps
Calcium	44-1	37486565	37244231	37205769	37312188	0.41	cps
Chromium	52-2	48628	48695	48073	48465	0.70	cps
Cobalt	59-2	49872	50307	51548	50576	1.72	cps
Copper	63-2	60575	61468	61797	61280	1.03	cps
Dysprosium	156-1	50	33	0	28	91.65	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	75	92	83	83	10.00	cps
Erbium	164-2	3	17	23	14	70.51	cps
Gadolinium	160-1	75	83	33	64	41.93	cps
Gadolinium	160-2	33	20	27	27	24.99	cps
Holmium	165-1	10456241	10357192	10364349	10392594	0.53	cps
Holmium	165-2	3035426	3097294	2986855	3039858	1.82	cps
Indium	115-1	9000191	9045951	9054309	9033484	0.32	cps
Indium	115-2	538075	546388	534014	539492	1.17	cps
Iron	56-2	82598235	81753288	81659499	82003674	0.63	cps
Iron	57-2	2083837	2107947	2097260	2096348	0.58	cps
Krypton	83-1	423	457	480	453	6.28	cps
Lead	206-1	117657	118375	114685	116906	1.67	cps
Lead	207-1	97119	98133	96392	97214	0.90	cps
Lead	208-1	455061	457497	452318	454959	0.57	cps
Lithium	6-1	1683730	1681799	1744707	1703412	2.10	cps
Magnesium	24-2	4293524	4309467	4256356	4286449	0.64	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:06:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9754	9994	9917	9888	1.24	cps
Molybdenum	94-1	4497774	4499928	4525702	4507801	0.34	cps
Molybdenum	95-1	7755374	7844167	7867720	7822421	0.76	cps
Molybdenum	96-1	8374050	8365556	8287019	8342208	0.58	cps
Molybdenum	97-1	4958931	4921250	4930254	4936812	0.40	cps
Molybdenum	98-1	12530300	12456606	12492018	12492975	0.30	cps
Neodymium	150-1	53	20	47	40	44.10	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	18439	18509	17945	18298	1.68	cps
Phosphorus	31-2	65553	64699	64983	65079	0.67	cps
Potassium	39-2	2608286	2639867	2600052	2616068	0.80	cps
Rhodium	103-1	8598316	8713555	8682507	8664793	0.69	cps
Rhodium	103-2	2869282	2856107	2852184	2859191	0.31	cps
Scandium	45-1	6077164	6097771	6118125	6097687	0.34	cps
Scandium	45-2	65358	64949	63690	64666	1.34	cps
Selenium	77-2	10	10	37	19	81.51	cps
Selenium	78-2	70	83	80	78	8.58	cps
Selenium	82-1	2597	2399	2478	2491	3.99	cps
Silicon	28-1	530507	528407	537522	532145	0.90	cps
Silver	109-1	175955	176467	176781	176401	0.24	cps
Silver	107-1	186947	185081	208508	193512	6.73	cps
Sodium	23-2	9952008	10018090	9917965	9962687	0.51	cps
Strontium	86-1	87564	88159	87128	87617	0.59	cps
Strontium	88-1	749169	755239	753008	752472	0.41	cps
Sulfur	34-1	2898641	2915556	2892633	2902277	0.41	cps
Terbium	159-1	10851662	10855776	10837747	10848395	0.09	cps
Terbium	159-2	3038130	3052073	2988073	3026092	1.11	cps
Thallium	203-1	119147	117911	118844	118634	0.54	cps
Thallium	205-1	283430	282739	284608	283592	0.33	cps
Tin	118-1	2700	2342	2667	2570	7.71	cps
Titanium	47-1	2353822	2294399	2318947	2322389	1.29	cps
Uranium	238-1	417	367	358	381	8.29	cps
Vanadium	51-2	17147	17051	17381	17193	0.99	cps
Yttrium	89-1	10128532	10160484	10227103	10172040	0.49	cps
Yttrium	89-2	423862	422637	420965	422488	0.34	cps
Zinc	66-2	6101	5811	6248	6054	3.67	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:06:19	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3209	3559	3142	3303	6.78	cps
Zirconium	91-1	625	733	708	689	8.23	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	515812	512707	510204	512908	0.55	cps
Antimony	121-1	4612764	4682210	4677554	4657509	0.83	cps
Arsenic	75-2	69937	70045	69777	69919	0.19	cps
Barium	135-1	4750279	4860957	4812252	4807829	1.15	cps
Barium	137-1	8189514	8424646	8284673	8299611	1.43	cps
Beryllium	9-1	695425	696281	692482	694729	0.29	cps
Bismuth	209-1	5966207	6014623	6042977	6007936	0.65	cps
Bismuth	209-2	2240597	2251904	2249842	2247448	0.27	cps
Boron	10-1	78582	83753	82688	81674	3.34	cps
Boron	11-1	388468	394873	405887	396409	2.22	cps
Cadmium	111-1	1007015	1009691	1019622	1012109	0.66	cps
Cadmium	106-1	106804	106107	107955	106956	0.87	cps
Cadmium	108-1	72066	72276	72955	72432	0.64	cps
Calcium	43-1	6026610	6070549	6056049	6051070	0.37	cps
Calcium	44-1	97965977	98066598	98269925	98100833	0.16	cps
Chromium	52-2	647989	644685	643708	645460	0.35	cps
Cobalt	59-2	1236713	1235184	1237667	1236521	0.10	cps
Copper	63-2	2168198	2146806	2117681	2144228	1.18	cps
Dysprosium	156-1	142	42	50	78	71.34	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	92	50	33	58	51.51	cps
Erbium	164-2	10	20	0	10	100.00	cps
Gadolinium	160-1	117	92	92	100	14.43	cps
Gadolinium	160-2	53	17	27	32	58.81	cps
Holmium	165-1	10637614	10520295	10709780	10622563	0.90	cps
Holmium	165-2	3146359	3159084	3181869	3162437	0.57	cps
Indium	115-1	9064390	9095899	9203896	9121395	0.80	cps
Indium	115-2	552279	546331	545776	548129	0.66	cps
Iron	56-2	106653800	106367608	105918205	106313204	0.35	cps
Iron	57-2	2730966	2735982	2698393	2721780	0.75	cps
Krypton	83-1	423	447	550	473	14.24	cps
Lead	206-1	2521165	2480304	2527841	2509770	1.03	cps
Lead	207-1	2304725	2281781	2308704	2298403	0.63	cps
Lead	208-1	10231502	10266912	10339358	10279257	0.53	cps
Lithium	6-1	1705649	1692099	1729029	1708926	1.09	cps
Magnesium	24-2	11141778	11102204	11100514	11114832	0.21	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	372186	372810	368039	371011	0.70	cps
Molybdenum	94-1	8716837	8712432	8727029	8718766	0.09	cps
Molybdenum	95-1	10531716	10705444	10670080	10635747	0.86	cps
Molybdenum	96-1	11811528	11882300	11743147	11812325	0.59	cps
Molybdenum	97-1	6601012	6661822	6728477	6663770	0.96	cps
Molybdenum	98-1	16801763	16867589	17101954	16923769	0.93	cps
Neodymium	150-1	213	180	233	209	12.90	cps
Neodymium	150-2	3	13	10	9	57.30	cps
Nickel	60-2	371171	369376	372543	371030	0.43	cps
Phosphorus	31-2	6835	6769	7085	6896	2.42	cps
Potassium	39-2	3402263	3395491	3394878	3397544	0.12	cps
Rhodium	103-1	8649804	8668681	8712884	8677123	0.37	cps
Rhodium	103-2	2888959	2893926	2870678	2884521	0.42	cps
Scandium	45-1	6246757	6167916	6198872	6204515	0.64	cps
Scandium	45-2	66684	66289	66061	66345	0.48	cps
Selenium	77-2	517	523	513	518	0.98	cps
Selenium	78-2	1928	1933	1911	1924	0.60	cps
Selenium	82-1	65324	66267	66637	66076	1.03	cps
Silicon	28-1	2724841	2757672	2799054	2760522	1.35	cps
Silver	109-1	4901402	4880044	4829289	4870245	0.76	cps
Silver	107-1	5093740	5122421	5116867	5111009	0.30	cps
Sodium	23-2	25812935	25844825	25741277	25799679	0.21	cps
Strontium	86-1	1373341	1395403	1386511	1385085	0.80	cps
Strontium	88-1	11845165	11939071	11903945	11896060	0.40	cps
Sulfur	34-1	760753	769982	770279	767004	0.71	cps
Terbium	159-1	11069715	11202149	11331480	11201115	1.17	cps
Terbium	159-2	3072173	3145353	3126294	3114607	1.22	cps
Thallium	203-1	3121192	3108060	3157086	3128779	0.81	cps
Thallium	205-1	7319694	7343425	7480231	7381117	1.17	cps
Tin	118-1	3199012	3270987	3255087	3241695	1.17	cps
Titanium	47-1	3060305	3028107	3034288	3040900	0.56	cps
Uranium	238-1	9543729	9559500	9738800	9614010	1.13	cps
Vanadium	51-2	454580	451716	454228	453508	0.34	cps
Yttrium	89-1	10166308	10242941	10351883	10253710	0.91	cps
Yttrium	89-2	432302	429812	429042	430385	0.40	cps
Zinc	66-2	191749	196178	193357	193761	1.16	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV52	Instrumnet Name :	P8
Client Sample ID :	CCV52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:09:33	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7240672	7236013	7353385	7276690	0.91	cps
Zirconium	91-1	1637610	1641339	1657239	1645396	0.63	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : CCB52 Instrumnet Name : P8
 Client Sample ID : CCB52 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 14:14:07 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	50	33	56	45.83	cps
Antimony	121-1	8587	10621	11772	10327	15.62	cps
Arsenic	75-2	28	24	30	27	10.42	cps
Barium	135-1	267	217	175	219	20.91	cps
Barium	137-1	400	333	383	372	9.32	cps
Beryllium	9-1	139	94	61	98	39.76	cps
Bismuth	209-1	6454593	6441952	6507546	6468030	0.54	cps
Bismuth	209-2	2322601	2347295	2333531	2334476	0.53	cps
Boron	10-1	2142	2067	2092	2100	1.82	cps
Boron	11-1	9787	9620	9137	9515	3.55	cps
Cadmium	111-1	1419	1356	1416	1397	2.53	cps
Cadmium	106-1	1917	1859	1900	1892	1.59	cps
Cadmium	108-1	21	46	8	25	76.39	cps
Calcium	43-1	1142	917	933	997	12.57	cps
Calcium	44-1	45760	45333	43736	44943	2.37	cps
Chromium	52-2	643	730	683	686	6.33	cps
Cobalt	59-2	107	87	93	96	10.66	cps
Copper	63-2	2784	2457	2427	2556	7.74	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	117	42	50	69	59.19	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	11026197	10808818	10914090	10916368	1.00	cps
Holmium	165-2	3112428	3168987	3080469	3120628	1.44	cps
Indium	115-1	9673074	9714443	9678585	9688701	0.23	cps
Indium	115-2	559672	568179	557550	561800	1.00	cps
Iron	56-2	6396	6146	6229	6257	2.04	cps
Iron	57-2	211	144	133	163	25.81	cps
Krypton	83-1	417	487	500	468	9.57	cps
Lead	206-1	839	744	933	839	11.26	cps
Lead	207-1	672	739	644	685	7.08	cps
Lead	208-1	3172	3189	3456	3272	4.86	cps
Lithium	6-1	1766156	1749082	1765877	1760372	0.56	cps
Magnesium	24-2	333	508	417	419	20.87	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:14:07	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	30	43	39	19.79	cps
Molybdenum	94-1	3584	4093	4701	4126	13.56	cps
Molybdenum	95-1	4851	5660	6885	5799	17.66	cps
Molybdenum	96-1	5010	6177	7669	6285	21.21	cps
Molybdenum	97-1	2867	3676	4226	3590	19.04	cps
Molybdenum	98-1	6944	9153	10705	8934	21.16	cps
Neodymium	150-1	0	33	7	13	132.27	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	67	53	87	69	24.36	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	4534	3867	4159	4187	7.98	cps
Rhodium	103-1	9427436	9436586	9484154	9449392	0.32	cps
Rhodium	103-2	3075144	3022775	3023457	3040459	0.99	cps
Scandium	45-1	6231086	6162108	6284680	6225958	0.99	cps
Scandium	45-2	64216	63312	63392	63640	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	2	2	100.00	cps
Selenium	82-1	3	-24	36	5	589.40	cps
Silicon	28-1	381560	373833	377305	377566	1.02	cps
Silver	109-1	542	450	592	528	13.61	cps
Silver	107-1	542	533	508	528	3.29	cps
Sodium	23-2	17795	16168	15651	16538	6.77	cps
Strontium	86-1	925	867	742	845	11.09	cps
Strontium	88-1	567	542	517	542	4.62	cps
Sulfur	34-1	400788	393314	395114	396406	0.98	cps
Terbium	159-1	11346143	11285437	11444148	11358576	0.71	cps
Terbium	159-2	3127833	3134821	3084388	3115681	0.88	cps
Thallium	203-1	1092	1217	1108	1139	5.96	cps
Thallium	205-1	2909	2600	2975	2828	7.08	cps
Tin	118-1	2517	2642	2926	2695	7.77	cps
Titanium	47-1	350	417	383	383	8.69	cps
Uranium	238-1	450	433	375	419	9.39	cps
Vanadium	51-2	33	17	20	23	37.78	cps
Yttrium	89-1	10357776	10362956	10407190	10375974	0.26	cps
Yttrium	89-2	423234	426599	420290	423374	0.75	cps
Zinc	66-2	30	57	37	41	33.76	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB52	Instrumnet Name :	P8
Client Sample ID :	CCB52	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:14:07	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1817	1809	2017	1881	6.27	cps
Zirconium	91-1	400	475	350	408	15.41	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	408	425	258	364	25.23	cps
Antimony	121-1	19457	20583	21527	20522	5.05	cps
Arsenic	75-2	157	115	137	136	15.61	cps
Barium	135-1	17579	17329	17763	17557	1.24	cps
Barium	137-1	31104	30678	31631	31138	1.53	cps
Beryllium	9-1	1367	1356	1422	1382	2.59	cps
Bismuth	209-1	6525315	6402456	6427538	6451770	1.01	cps
Bismuth	209-2	2322263	2371525	2388606	2360798	1.46	cps
Boron	10-1	4493	4476	4309	4426	2.29	cps
Boron	11-1	21216	21266	23069	21851	4.83	cps
Cadmium	111-1	3494	3302	3560	3452	3.88	cps
Cadmium	106-1	2375	2050	2209	2211	7.35	cps
Cadmium	108-1	146	154	117	139	14.18	cps
Calcium	43-1	13716	14016	13866	13866	1.08	cps
Calcium	44-1	244413	245828	244684	244975	0.31	cps
Chromium	52-2	3244	3050	2994	3096	4.24	cps
Cobalt	59-2	2444	2394	2357	2398	1.81	cps
Copper	63-2	6748	6862	6615	6742	1.83	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	75	75	64	30.12	cps
Erbium	164-2	17	17	10	14	26.66	cps
Gadolinium	160-1	100	67	58	75	29.39	cps
Gadolinium	160-2	13	17	3	11	62.48	cps
Holmium	165-1	10719282	10912835	10751709	10794609	0.96	cps
Holmium	165-2	3099479	3099781	3137576	3112279	0.70	cps
Indium	115-1	9628433	9601636	9545538	9591869	0.44	cps
Indium	115-2	550145	554646	550887	551893	0.44	cps
Iron	56-2	44611	41785	43752	43383	3.34	cps
Iron	57-2	1111	1083	1072	1089	1.84	cps
Krypton	83-1	460	460	427	449	4.29	cps
Lead	206-1	5451	5246	5440	5379	2.15	cps
Lead	207-1	5146	4351	4607	4701	8.63	cps
Lead	208-1	22158	21008	21652	21606	2.67	cps
Lithium	6-1	1767801	1778926	1764797	1770508	0.42	cps
Magnesium	24-2	21651	21283	21317	21417	0.95	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	640	703	653	666	5.02	cps
Molybdenum	94-1	17904	18130	18021	18018	0.63	cps
Molybdenum	95-1	20483	20641	21735	20953	3.25	cps
Molybdenum	96-1	22336	24072	24339	23583	4.61	cps
Molybdenum	97-1	13132	12706	13149	12996	1.93	cps
Molybdenum	98-1	33225	33167	34086	33492	1.54	cps
Neodymium	150-1	60	33	20	38	53.92	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	763	843	883	830	7.36	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	16227	16535	15885	16216	2.01	cps
Rhodium	103-1	9366012	9280909	9192263	9279728	0.94	cps
Rhodium	103-2	2978710	3005998	3001457	2995388	0.49	cps
Scandium	45-1	6151750	6173641	6096067	6140486	0.65	cps
Scandium	45-2	63135	63312	62947	63131	0.29	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	15	24	20	20	23.60	cps
Selenium	82-1	628	568	631	609	5.80	cps
Silicon	28-1	690157	689807	682597	687521	0.62	cps
Silver	109-1	9487	8987	9921	9465	4.94	cps
Silver	107-1	10488	9771	9904	10054	3.79	cps
Sodium	23-2	60579	60998	61450	61009	0.71	cps
Strontium	86-1	2967	3476	3226	3223	7.89	cps
Strontium	88-1	23763	24147	23279	23730	1.83	cps
Sulfur	34-1	405531	406203	405620	405785	0.09	cps
Terbium	159-1	11369616	11286371	11183779	11279922	0.83	cps
Terbium	159-2	3067555	3067599	3106238	3080464	0.72	cps
Thallium	203-1	6277	6944	6952	6724	5.76	cps
Thallium	205-1	16328	15827	15827	15994	1.81	cps
Tin	118-1	31430	31947	32616	31998	1.86	cps
Titanium	47-1	6835	7144	6902	6960	2.33	cps
Uranium	238-1	17780	18665	18682	18375	2.81	cps
Vanadium	51-2	3771	4061	3967	3933	3.77	cps
Yttrium	89-1	10370731	10262364	10116943	10250013	1.24	cps
Yttrium	89-2	416780	416004	416978	416587	0.12	cps
Zinc	66-2	460	537	490	496	7.80	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:22:02	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17036	16677	16102	16605	2.84	cps
Zirconium	91-1	3592	3417	3767	3592	4.87	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	258	158	208	24.00	cps
Antimony	121-1	17971	18630	19615	18739	4.42	cps
Arsenic	75-2	148	135	126	136	8.18	cps
Barium	135-1	17345	17145	16987	17159	1.05	cps
Barium	137-1	30553	29718	30520	30264	1.56	cps
Beryllium	9-1	1561	1345	1383	1430	8.08	cps
Bismuth	209-1	6382372	6346148	6478305	6402275	1.07	cps
Bismuth	209-2	2377601	2329445	2325760	2344269	1.23	cps
Boron	10-1	4418	4718	5009	4715	6.28	cps
Boron	11-1	20749	21383	22544	21559	4.22	cps
Cadmium	111-1	3052	3181	3424	3219	5.86	cps
Cadmium	106-1	2017	2050	2184	2084	4.23	cps
Cadmium	108-1	133	138	233	168	33.66	cps
Calcium	43-1	12214	11622	12022	11953	2.53	cps
Calcium	44-1	215954	220108	215660	217241	1.15	cps
Chromium	52-2	3164	3034	3090	3096	2.11	cps
Cobalt	59-2	2400	2507	2170	2359	7.29	cps
Copper	63-2	6505	6055	6375	6312	3.67	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	3	0	10	4	114.60	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	75	108	50	78	37.63	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	10641559	10785515	10858781	10761952	1.03	cps
Holmium	165-2	3104094	3084726	3069435	3086085	0.56	cps
Indium	115-1	9554684	9363509	9551111	9489768	1.15	cps
Indium	115-2	557385	551941	550466	553264	0.66	cps
Iron	56-2	41351	41886	42666	41967	1.58	cps
Iron	57-2	1061	1056	1033	1050	1.40	cps
Krypton	83-1	437	400	427	421	4.50	cps
Lead	206-1	5618	5229	5112	5320	4.98	cps
Lead	207-1	4573	4673	4784	4677	2.26	cps
Lead	208-1	21241	21191	21157	21196	0.20	cps
Lithium	6-1	1764105	1778043	1773332	1771827	0.40	cps
Magnesium	24-2	20248	20657	20374	20426	1.03	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	427	377	380	394	7.09	cps
Molybdenum	94-1	16094	16828	16945	16622	2.78	cps
Molybdenum	95-1	20316	20416	20166	20299	0.62	cps
Molybdenum	96-1	21810	22519	22778	22369	2.24	cps
Molybdenum	97-1	12665	12898	12515	12693	1.52	cps
Molybdenum	98-1	32591	32716	32223	32510	0.79	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	870	843	807	840	3.79	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	15793	15734	15176	15568	2.19	cps
Rhodium	103-1	9240019	9215638	9304085	9253247	0.49	cps
Rhodium	103-2	3022775	2993004	2994518	3003432	0.56	cps
Scandium	45-1	6138069	6123825	6115263	6125719	0.19	cps
Scandium	45-2	64068	62997	62579	63215	1.22	cps
Selenium	77-2	3	10	3	6	69.34	cps
Selenium	78-2	13	19	22	18	26.04	cps
Selenium	82-1	567	656	635	619	7.48	cps
Silicon	28-1	448358	448281	447405	448015	0.12	cps
Silver	109-1	9237	9629	9037	9301	3.24	cps
Silver	107-1	10063	9779	10329	10057	2.74	cps
Sodium	23-2	61249	59082	60238	60190	1.80	cps
Strontium	86-1	3201	3217	3317	3245	1.95	cps
Strontium	88-1	22077	21651	22394	22041	1.69	cps
Sulfur	34-1	413167	409440	409610	410739	0.51	cps
Terbium	159-1	11262327	11207967	11217240	11229178	0.26	cps
Terbium	159-2	3100457	3088951	3112661	3100690	0.38	cps
Thallium	203-1	6569	6735	6627	6644	1.27	cps
Thallium	205-1	15719	15594	15986	15766	1.27	cps
Tin	118-1	31631	31304	31830	31589	0.84	cps
Titanium	47-1	5601	5610	6010	5740	4.07	cps
Uranium	238-1	18506	17471	17705	17894	3.03	cps
Vanadium	51-2	3997	3981	3921	3966	1.02	cps
Yttrium	89-1	10209710	10147360	10308084	10221718	0.79	cps
Yttrium	89-2	416743	418396	416317	417152	0.26	cps
Zinc	66-2	460	383	487	443	12.10	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CRIRE	Instrumnet Name :	P8
Client Sample ID :	CRIRE	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:25:47	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14525	15117	14675	14773	2.08	cps
Zirconium	91-1	3217	3251	3284	3251	1.03	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2464-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF015MW047-180418DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 14:29:08	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	208	117	158	29.31	cps
Antimony	121-1	1375	1625	1609	1536	9.10	cps
Arsenic	75-2	137	165	141	148	10.22	cps
Barium	135-1	83078	82775	80453	82102	1.75	cps
Barium	137-1	143034	144205	142713	143317	0.55	cps
Beryllium	9-1	56	56	100	70	36.46	cps
Bismuth	209-1	6279267	6232859	6279680	6263935	0.43	cps
Bismuth	209-2	2261259	2276585	2296901	2278248	0.78	cps
Boron	10-1	45147	45398	45782	45442	0.70	cps
Boron	11-1	221170	227773	231014	226652	2.21	cps
Cadmium	111-1	1325	1351	1409	1362	3.17	cps
Cadmium	106-1	1867	1909	1925	1900	1.58	cps
Cadmium	108-1	33	21	25	26	24.12	cps
Calcium	43-1	1828364	1800367	1806548	1811760	0.81	cps
Calcium	44-1	28907759	29112432	29197637	29072609	0.51	cps
Chromium	52-2	421676	420799	422725	421733	0.23	cps
Cobalt	59-2	4354	4257	4317	4310	1.13	cps
Copper	63-2	8716	8293	8653	8554	2.67	cps
Dysprosium	156-1	92	133	150	125	24.04	cps
Dysprosium	156-2	33	17	20	23	37.78	cps
Erbium	164-1	117	100	150	122	20.83	cps
Erbium	164-2	33	73	57	54	36.91	cps
Gadolinium	160-1	200	217	133	183	24.05	cps
Gadolinium	160-2	63	50	37	50	26.66	cps
Holmium	165-1	10944262	10678942	10955797	10859667	1.44	cps
Holmium	165-2	3108698	3144342	3141508	3131516	0.63	cps
Indium	115-1	9264617	9405670	9327566	9332618	0.76	cps
Indium	115-2	545479	545413	545818	545570	0.04	cps
Iron	56-2	4299201	4334762	4314298	4316087	0.41	cps
Iron	57-2	106380	106314	107266	106653	0.50	cps
Krypton	83-1	433	503	457	464	7.67	cps
Lead	206-1	1433	1339	1156	1309	10.79	cps
Lead	207-1	1178	1006	1167	1117	8.63	cps
Lead	208-1	5239	5023	5239	5167	2.42	cps
Lithium	6-1	1772220	1801207	1843649	1805692	1.99	cps
Magnesium	24-2	834318	835366	835753	835146	0.09	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : J2464-10DLX5 Instrumnet Name : P8
 Client Sample ID : LF015MW047-180418DL Dilution Factor : 5
 Date & Time Acquired :: 2018-04-26 14:29:08 DataFile Name : 020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	112955	111487	112371	112271	0.66	cps
Molybdenum	94-1	24757	25350	25825	25311	2.11	cps
Molybdenum	95-1	40194	41289	41565	41016	1.77	cps
Molybdenum	96-1	43011	43212	44098	43440	1.33	cps
Molybdenum	97-1	25692	25550	25133	25458	1.14	cps
Molybdenum	98-1	65970	65015	65024	65336	0.84	cps
Neodymium	150-1	147	127	120	131	10.59	cps
Neodymium	150-2	27	40	37	34	20.14	cps
Nickel	60-2	268128	267545	268853	268175	0.24	cps
Phosphorus	31-2	67	17	33	39	65.47	cps
Potassium	39-2	44839	46712	47623	46391	3.06	cps
Rhodium	103-1	9067215	8998830	9045412	9037152	0.39	cps
Rhodium	103-2	2932395	2906813	2916833	2918680	0.44	cps
Scandium	45-1	6092323	6036279	6155091	6094564	0.98	cps
Scandium	45-2	62602	62793	63422	62939	0.68	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	585	389	515	496	19.99	cps
Silicon	28-1	13010888	12995309	12938557	12981585	0.29	cps
Silver	109-1	133	175	175	161	14.93	cps
Silver	107-1	175	192	275	214	25.05	cps
Sodium	23-2	9319695	9422418	9474765	9405626	0.84	cps
Strontium	86-1	2085440	2077657	2123823	2095640	1.18	cps
Strontium	88-1	17691521	17727027	17756432	17724993	0.18	cps
Sulfur	34-1	789220	786638	784742	786867	0.29	cps
Terbium	159-1	11391933	11060354	11452309	11301532	1.87	cps
Terbium	159-2	3097367	3082738	3076559	3085555	0.35	cps
Thallium	203-1	575	583	592	583	1.43	cps
Thallium	205-1	1308	1417	1525	1417	7.65	cps
Tin	118-1	1067	1350	1584	1333	19.41	cps
Titanium	47-1	875	883	1008	922	8.10	cps
Uranium	238-1	44974	44096	44640	44570	0.99	cps
Vanadium	51-2	1057	987	1073	1039	4.43	cps
Yttrium	89-1	10238008	10208928	10370464	10272467	0.84	cps
Yttrium	89-2	415500	415748	418493	416581	0.40	cps
Zinc	66-2	337	370	373	360	5.63	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2464-10DLX5	Instrumnet Name :	P8
Client Sample ID :	LF015MW047-180418DL	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 14:29:08	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4026	4009	3792	3942	3.30	cps
Zirconium	91-1	975	883	950	936	5.06	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	505996	506256	506619	506290	0.06	cps
Antimony	121-1	4771247	4661658	4696575	4709827	1.19	cps
Arsenic	75-2	68928	69231	69064	69074	0.22	cps
Barium	135-1	4921755	4800734	4843387	4855292	1.26	cps
Barium	137-1	8516415	8346665	8412090	8425056	1.02	cps
Beryllium	9-1	696148	702050	704156	700785	0.59	cps
Bismuth	209-1	6196223	6181644	6177013	6184960	0.16	cps
Bismuth	209-2	2278539	2252966	2281887	2271131	0.70	cps
Boron	10-1	82587	85940	85236	84588	2.09	cps
Boron	11-1	403107	411359	418796	411087	1.91	cps
Cadmium	111-1	1029945	1031721	1027341	1029669	0.21	cps
Cadmium	106-1	107794	107367	108805	107989	0.68	cps
Cadmium	108-1	72226	72431	74153	72936	1.45	cps
Calcium	43-1	5974215	5928489	6010727	5971144	0.69	cps
Calcium	44-1	96655171	97565281	97333240	97184564	0.49	cps
Chromium	52-2	630476	639447	635045	634990	0.71	cps
Cobalt	59-2	1213117	1214953	1217426	1215165	0.18	cps
Copper	63-2	2090852	2092252	2125657	2102920	0.94	cps
Dysprosium	156-1	58	117	58	78	43.30	cps
Dysprosium	156-2	20	27	20	22	17.33	cps
Erbium	164-1	25	75	42	47	53.91	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	92	58	83	78	22.30	cps
Gadolinium	160-2	27	13	23	21	32.88	cps
Holmium	165-1	11003404	11070915	10939561	11004627	0.60	cps
Holmium	165-2	3204855	3172818	3162680	3180118	0.69	cps
Indium	115-1	9274647	9267371	9131207	9224408	0.88	cps
Indium	115-2	543585	547216	547882	546228	0.42	cps
Iron	56-2	103992336	104959850	105376425	104776203	0.68	cps
Iron	57-2	2651867	2673067	2710548	2678494	1.11	cps
Krypton	83-1	510	477	450	479	6.28	cps
Lead	206-1	2603169	2590914	2602480	2598854	0.26	cps
Lead	207-1	2352847	2364366	2343228	2353480	0.45	cps
Lead	208-1	10599173	10584009	10573071	10585418	0.12	cps
Lithium	6-1	1736007	1726388	1727016	1729804	0.31	cps
Magnesium	24-2	10885336	10938722	11035785	10953281	0.70	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	363734	364813	364615	364388	0.16	cps
Molybdenum	94-1	8763240	8713796	8711896	8729644	0.33	cps
Molybdenum	95-1	10671779	10692995	10622827	10662533	0.34	cps
Molybdenum	96-1	11968032	11820424	11807118	11865192	0.75	cps
Molybdenum	97-1	6655988	6711885	6686883	6684919	0.42	cps
Molybdenum	98-1	16968026	17241731	17070768	17093508	0.81	cps
Neodymium	150-1	253	173	207	211	19.04	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	364499	367095	366616	366070	0.38	cps
Phosphorus	31-2	6660	7019	7211	6963	4.01	cps
Potassium	39-2	3348685	3392084	3326417	3355729	1.00	cps
Rhodium	103-1	8716186	8811319	8779328	8768944	0.55	cps
Rhodium	103-2	2867246	2857226	2874345	2866272	0.30	cps
Scandium	45-1	6158742	6220242	6215625	6198203	0.55	cps
Scandium	45-2	64762	65124	64873	64919	0.29	cps
Selenium	77-2	453	553	537	514	10.41	cps
Selenium	78-2	1821	1783	1793	1799	1.07	cps
Selenium	82-1	66621	66915	66416	66651	0.38	cps
Silicon	28-1	2700881	2703109	2749612	2717867	1.01	cps
Silver	109-1	4976942	4884890	4907601	4923144	0.97	cps
Silver	107-1	5144021	5127557	5132485	5134688	0.16	cps
Sodium	23-2	25409012	25141648	25212259	25254306	0.55	cps
Strontium	86-1	1385280	1415673	1394894	1398616	1.11	cps
Strontium	88-1	11959012	12004615	12055175	12006267	0.40	cps
Sulfur	34-1	758481	761834	764432	761583	0.39	cps
Terbium	159-1	11464859	11363027	11438736	11422207	0.46	cps
Terbium	159-2	3184125	3179341	3172331	3178599	0.19	cps
Thallium	203-1	3256043	3254652	3260632	3257109	0.10	cps
Thallium	205-1	7641792	7604834	7563978	7603535	0.51	cps
Tin	118-1	3373971	3301292	3312944	3329402	1.17	cps
Titanium	47-1	3018844	3047639	3001660	3022714	0.77	cps
Uranium	238-1	9945508	9974851	10007310	9975889	0.31	cps
Vanadium	51-2	447916	447248	449173	448112	0.22	cps
Yttrium	89-1	10350476	10471552	10378932	10400320	0.61	cps
Yttrium	89-2	422344	427850	425042	425079	0.65	cps
Zinc	66-2	191073	191475	193165	191904	0.58	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV53	Instrumnet Name :	P8
Client Sample ID :	CCV53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:32:26	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7396198	7370662	7283456	7350105	0.80	cps
Zirconium	91-1	1672467	1652797	1678593	1667952	0.81	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	50	31	68.64	cps
Antimony	121-1	8411	10054	11631	10032	16.05	cps
Arsenic	75-2	31	26	15	24	35.26	cps
Barium	135-1	167	108	100	125	29.06	cps
Barium	137-1	183	225	108	172	34.33	cps
Beryllium	9-1	144	122	117	128	11.50	cps
Bismuth	209-1	6471405	6458197	6466467	6465356	0.10	cps
Bismuth	209-2	2376468	2389192	2377522	2381061	0.30	cps
Boron	10-1	2134	1784	2159	2025	10.35	cps
Boron	11-1	10171	9854	9620	9882	2.80	cps
Cadmium	111-1	1390	1424	1443	1419	1.87	cps
Cadmium	106-1	1917	1984	1959	1953	1.72	cps
Cadmium	108-1	8	21	17	15	41.67	cps
Calcium	43-1	783	908	742	811	10.69	cps
Calcium	44-1	41446	41856	41253	41518	0.74	cps
Chromium	52-2	703	630	790	708	11.32	cps
Cobalt	59-2	70	70	70	70	0.00	cps
Copper	63-2	2250	2384	2300	2311	2.92	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	50	17	33	33	50.00	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	92	83	75	83	10.00	cps
Gadolinium	160-2	3	20	10	11	75.52	cps
Holmium	165-1	10858326	10890964	10890186	10879826	0.17	cps
Holmium	165-2	3123496	3147188	3121502	3130728	0.46	cps
Indium	115-1	9616585	9542745	9488929	9549420	0.67	cps
Indium	115-2	570290	561008	571982	567760	1.04	cps
Iron	56-2	4073	3917	3751	3914	4.12	cps
Iron	57-2	100	128	89	106	18.98	cps
Krypton	83-1	377	477	443	432	11.78	cps
Lead	206-1	544	428	533	502	12.83	cps
Lead	207-1	422	478	411	437	8.17	cps
Lead	208-1	2272	2011	2078	2121	6.40	cps
Lithium	6-1	1715771	1770023	1764740	1750178	1.71	cps
Magnesium	24-2	225	275	308	269	15.57	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	13	30	37	27	45.08	cps
Molybdenum	94-1	2951	3601	3726	3426	12.15	cps
Molybdenum	95-1	3576	5101	5210	4629	19.74	cps
Molybdenum	96-1	4067	5018	6485	5190	23.47	cps
Molybdenum	97-1	2367	3025	3392	2928	17.74	cps
Molybdenum	98-1	5735	7627	9495	7619	24.68	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	83	73	43	67	31.23	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	3692	3909	3826	3809	2.87	cps
Rhodium	103-1	9285427	9378286	9308078	9323931	0.52	cps
Rhodium	103-2	3089044	3057226	3025110	3057126	1.05	cps
Scandium	45-1	6227267	6217556	6213141	6219321	0.12	cps
Scandium	45-2	64417	63904	63493	63938	0.72	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	6	9	2	6	66.68	cps
Selenium	82-1	75	27	54	52	46.29	cps
Silicon	28-1	379675	376983	376585	377748	0.44	cps
Silver	109-1	258	242	258	253	3.81	cps
Silver	107-1	333	317	367	339	7.51	cps
Sodium	23-2	14967	15642	15384	15331	2.22	cps
Strontium	86-1	817	708	817	781	8.01	cps
Strontium	88-1	408	250	367	342	24.02	cps
Sulfur	34-1	391834	391588	394156	392526	0.36	cps
Terbium	159-1	11337607	11327477	11343404	11336162	0.07	cps
Terbium	159-2	3142884	3126715	3142961	3137520	0.30	cps
Thallium	203-1	925	1042	1050	1006	6.95	cps
Thallium	205-1	2384	2250	2325	2320	2.88	cps
Tin	118-1	2484	2792	2967	2748	8.91	cps
Titanium	47-1	233	275	358	289	22.03	cps
Uranium	238-1	358	275	292	308	14.30	cps
Vanadium	51-2	3	23	17	14	70.51	cps
Yttrium	89-1	10294960	10420582	10441698	10385747	0.76	cps
Yttrium	89-2	427043	423785	424778	425202	0.39	cps
Zinc	66-2	37	37	27	33	17.32	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB53	Instrumnet Name :	P8
Client Sample ID :	CCB53	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 14:37:02	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1700	1842	1984	1842	7.69	cps
Zirconium	91-1	333	400	442	392	13.95	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : PB108637BL Instrumnet Name : P8
 Client Sample ID : PB108637BL Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 15:08:34 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	33	25	33.32	cps
Antimony	121-1	1417	2092	2692	2067	30.87	cps
Arsenic	75-2	13	4	6	7	66.14	cps
Barium	135-1	50	8	0	19	137.78	cps
Barium	137-1	50	42	33	42	20.00	cps
Beryllium	9-1	61	61	44	56	17.31	cps
Bismuth	209-1	6322590	6227318	6287891	6279267	0.77	cps
Bismuth	209-2	2340651	2259183	2323147	2307660	1.86	cps
Boron	10-1	592	442	458	497	16.53	cps
Boron	11-1	2125	2059	2400	2195	8.25	cps
Cadmium	111-1	1300	1417	1309	1342	4.87	cps
Cadmium	106-1	1825	2017	1850	1897	5.49	cps
Cadmium	108-1	4	4	4	4	0.00	cps
Calcium	43-1	825	733	775	778	5.90	cps
Calcium	44-1	34728	34987	35680	35132	1.40	cps
Chromium	52-2	717	663	700	693	3.94	cps
Cobalt	59-2	50	83	83	72	26.65	cps
Copper	63-2	2100	2050	2147	2099	2.30	cps
Dysprosium	156-1	0	33	17	17	99.99	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	50	25	42	34.64	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	58	33	50	47	26.97	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	10518395	10467142	10283669	10423069	1.18	cps
Holmium	165-2	3059141	3030060	3060059	3049753	0.56	cps
Indium	115-1	9302738	9311147	9221676	9278520	0.53	cps
Indium	115-2	553960	548589	549281	550610	0.53	cps
Iron	56-2	1811	1884	1817	1837	2.19	cps
Iron	57-2	50	50	83	61	31.50	cps
Krypton	83-1	493	510	463	489	4.84	cps
Lead	206-1	322	322	372	339	8.52	cps
Lead	207-1	211	333	306	283	22.61	cps
Lead	208-1	1289	1361	1417	1356	4.73	cps
Lithium	6-1	1786939	1801194	1773859	1787331	0.76	cps
Magnesium	24-2	142	133	100	125	17.64	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BL	Instrumnet Name :	P8
Client Sample ID :	PB108637BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:08:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47	30	23	33	36.07	cps
Molybdenum	94-1	625	792	908	775	18.37	cps
Molybdenum	95-1	767	683	1100	850	25.94	cps
Molybdenum	96-1	700	883	1342	975	33.90	cps
Molybdenum	97-1	392	508	808	569	37.75	cps
Molybdenum	98-1	800	1342	2084	1408	45.75	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	50	37	48	21.31	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	3551	3409	3459	3473	2.07	cps
Rhodium	103-1	9083923	8986954	9036356	9035744	0.54	cps
Rhodium	103-2	2948576	2944525	3004452	2965851	1.13	cps
Scandium	45-1	6107474	6018988	6014078	6046847	0.87	cps
Scandium	45-2	63101	64025	63918	63681	0.79	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-62	-95	-26	-61	-56.20	cps
Silicon	28-1	378706	382105	381128	380646	0.46	cps
Silver	109-1	50	83	83	72	26.65	cps
Silver	107-1	117	167	133	139	18.33	cps
Sodium	23-2	11672	11747	11130	11516	2.92	cps
Strontium	86-1	633	758	767	720	10.38	cps
Strontium	88-1	117	150	75	114	33.00	cps
Sulfur	34-1	427526	428402	430567	428832	0.37	cps
Terbium	159-1	10995513	10866643	10822095	10894750	0.83	cps
Terbium	159-2	3001606	3032028	3068452	3034029	1.10	cps
Thallium	203-1	417	192	275	294	38.63	cps
Thallium	205-1	850	708	725	761	10.17	cps
Tin	118-1	1158	1250	1183	1197	3.96	cps
Titanium	47-1	125	133	83	114	23.52	cps
Uranium	238-1	8	50	33	31	68.64	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	10011973	10033496	9954486	9999985	0.41	cps
Yttrium	89-2	415797	412660	416348	414935	0.48	cps
Zinc	66-2	33	57	20	37	50.62	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BL	Instrumnet Name :	P8
Client Sample ID :	PB108637BL	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:08:34	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	950	825	925	900	7.35	cps
Zirconium	91-1	167	242	175	194	21.14	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	94220	95755	94808	94928	0.82	cps
Antimony	121-1	4627917	4728765	4627000	4661227	1.25	cps
Arsenic	75-2	68532	68292	69710	68844	1.10	cps
Barium	135-1	4736702	4764550	4747888	4749713	0.30	cps
Barium	137-1	8194477	8256469	8290171	8247039	0.59	cps
Beryllium	9-1	691505	693472	694214	693064	0.20	cps
Bismuth	209-1	6397222	6425672	6410773	6411222	0.22	cps
Bismuth	209-2	2360410	2350785	2312566	2341254	1.08	cps
Boron	10-1	75465	78298	79654	77806	2.75	cps
Boron	11-1	375389	380335	383656	379793	1.10	cps
Cadmium	111-1	1027638	1029891	1023726	1027085	0.30	cps
Cadmium	106-1	106822	105538	107006	106455	0.75	cps
Cadmium	108-1	72511	72724	72465	72567	0.19	cps
Calcium	43-1	1168875	1183575	1190761	1181070	0.94	cps
Calcium	44-1	19114106	19108137	19102178	19108140	0.03	cps
Chromium	52-2	602679	599788	604578	602348	0.40	cps
Cobalt	59-2	1219095	1212508	1222682	1218095	0.42	cps
Copper	63-2	2140642	2156384	2157711	2151579	0.44	cps
Dysprosium	156-1	33	83	42	53	50.76	cps
Dysprosium	156-2	13	3	3	7	86.65	cps
Erbium	164-1	50	58	67	58	14.29	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	100	67	108	92	24.05	cps
Gadolinium	160-2	13	13	17	14	13.35	cps
Holmium	165-1	11044678	10972711	10842568	10953319	0.94	cps
Holmium	165-2	3206087	3165917	3172426	3181477	0.68	cps
Indium	115-1	9453812	9440741	9297590	9397381	0.92	cps
Indium	115-2	555760	557319	557876	556985	0.20	cps
Iron	56-2	21072275	20988646	21149940	21070287	0.38	cps
Iron	57-2	531589	528599	529126	529771	0.30	cps
Krypton	83-1	393	453	497	448	11.59	cps
Lead	206-1	2538740	2633844	2533975	2568853	2.19	cps
Lead	207-1	2311781	2337961	2377164	2342302	1.40	cps
Lead	208-1	10485317	10592973	10510295	10529528	0.54	cps
Lithium	6-1	1778881	1783967	1766067	1776305	0.52	cps
Magnesium	24-2	2316038	2276834	2287958	2293610	0.88	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360551	357358	360580	359496	0.52	cps
Molybdenum	94-1	8407537	8467631	8346625	8407265	0.72	cps
Molybdenum	95-1	10235077	10219653	10252936	10235889	0.16	cps
Molybdenum	96-1	11381145	11507377	11453158	11447227	0.55	cps
Molybdenum	97-1	6482085	6508226	6448723	6479678	0.46	cps
Molybdenum	98-1	16422742	16530373	16366694	16439936	0.51	cps
Neodymium	150-1	167	240	200	202	18.16	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	363374	361482	364975	363277	0.48	cps
Phosphorus	31-2	7069	6593	6727	6796	3.61	cps
Potassium	39-2	656508	648493	665149	656716	1.27	cps
Rhodium	103-1	9119907	9051806	9093367	9088360	0.38	cps
Rhodium	103-2	2978486	2961548	2943097	2961044	0.60	cps
Scandium	45-1	6122616	6189227	6139638	6150494	0.56	cps
Scandium	45-2	64367	64959	64745	64690	0.46	cps
Selenium	77-2	583	627	507	572	10.62	cps
Selenium	78-2	1689	1739	1815	1748	3.63	cps
Selenium	82-1	65168	65650	65680	65499	0.44	cps
Silicon	28-1	2583090	2618187	2605358	2602212	0.68	cps
Silver	109-1	4915851	4940647	5009378	4955292	0.98	cps
Silver	107-1	5196749	5158564	5218481	5191265	0.58	cps
Sodium	23-2	5098422	5129109	5094205	5107246	0.37	cps
Strontium	86-1	1320817	1310010	1330134	1320320	0.76	cps
Strontium	88-1	11436405	11244600	11368813	11349939	0.86	cps
Sulfur	34-1	769504	755901	756866	760757	1.00	cps
Terbium	159-1	11516722	11437977	11408245	11454315	0.49	cps
Terbium	159-2	3163604	3194889	3113724	3157406	1.30	cps
Thallium	203-1	3197744	3243340	3188843	3209976	0.91	cps
Thallium	205-1	7575576	7513386	7485082	7524681	0.62	cps
Tin	118-1	3233970	3278638	3240991	3251199	0.74	cps
Titanium	47-1	2896317	2938919	2947616	2927617	0.94	cps
Uranium	238-1	9673452	9789081	9746029	9736187	0.60	cps
Vanadium	51-2	434743	432484	440292	435840	0.92	cps
Yttrium	89-1	10350783	10283550	10393908	10342747	0.54	cps
Yttrium	89-2	429556	429210	427836	428867	0.21	cps
Zinc	66-2	195384	193013	195017	194471	0.66	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	PB108637BS	Instrumnet Name :	P8
Client Sample ID :	PB108637BS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:11:54	DataFile Name :	024LCSS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7066587	7052968	7054459	7058005	0.11	cps
Zirconium	91-1	1591903	1612420	1580267	1594863	1.02	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	586292	584183	590525	587000	0.55	cps
Antimony	121-1	16753	18739	20007	18500	8.87	cps
Arsenic	75-2	2645	2482	2484	2537	3.69	cps
Barium	135-1	679994	683640	682133	681922	0.27	cps
Barium	137-1	1206329	1196671	1187137	1196713	0.80	cps
Beryllium	9-1	5779	6118	6107	6001	3.21	cps
Bismuth	209-1	5893347	5843396	5884995	5873913	0.46	cps
Bismuth	209-2	2186673	2161033	2194949	2180885	0.81	cps
Boron	10-1	6102	6010	6252	6121	1.99	cps
Boron	11-1	30659	29306	28037	29334	4.47	cps
Cadmium	111-1	3446	3606	3387	3480	3.25	cps
Cadmium	106-1	3117	3442	3067	3209	6.35	cps
Cadmium	108-1	450	458	438	449	2.34	cps
Calcium	43-1	1026330	1038863	1045754	1036982	0.95	cps
Calcium	44-1	16703821	16825550	16948222	16825864	0.73	cps
Chromium	52-2	231465	233820	234535	233273	0.69	cps
Cobalt	59-2	120761	120781	121413	120985	0.31	cps
Copper	63-2	570171	571514	573761	571815	0.32	cps
Dysprosium	156-1	105476	103937	104063	104492	0.82	cps
Dysprosium	156-2	31772	32109	31475	31785	1.00	cps
Erbium	164-1	99621	98413	98655	98896	0.65	cps
Erbium	164-2	27673	27479	27412	27521	0.49	cps
Gadolinium	160-1	113993	101527	103157	106226	6.38	cps
Gadolinium	160-2	38350	38694	37999	38347	0.91	cps
Holmium	165-1	10189199	10294960	10231117	10238425	0.52	cps
Holmium	165-2	3058569	3019419	3039638	3039209	0.64	cps
Indium	115-1	9041252	9024647	8914434	8993444	0.77	cps
Indium	115-2	553115	554604	555010	554243	0.18	cps
Iron	56-2	81419302	81654327	81900663	81658097	0.29	cps
Iron	57-2	2081388	2098804	2101023	2093738	0.51	cps
Krypton	83-1	557	613	613	594	5.50	cps
Lead	206-1	1512446	1511522	1491833	1505267	0.77	cps
Lead	207-1	1236039	1230732	1215588	1227453	0.86	cps
Lead	208-1	5917998	5952118	5834899	5901672	1.02	cps
Lithium	6-1	1682568	1664090	1690283	1678980	0.80	cps
Magnesium	24-2	957672	965188	967861	963573	0.55	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1218305	1221007	1237631	1225648	0.85	cps
Molybdenum	94-1	157555	158730	158077	158121	0.37	cps
Molybdenum	95-1	10596	12656	13374	12209	11.81	cps
Molybdenum	96-1	37503	39275	41523	39434	5.11	cps
Molybdenum	97-1	6610	7936	8478	7675	12.52	cps
Molybdenum	98-1	16878	19640	21184	19234	11.34	cps
Neodymium	150-1	166911	167760	165606	166759	0.65	cps
Neodymium	150-2	31732	31438	31732	31634	0.54	cps
Nickel	60-2	89113	90455	90253	89940	0.80	cps
Phosphorus	31-2	1825	2009	1975	1936	5.04	cps
Potassium	39-2	217702	224465	220344	220837	1.54	cps
Rhodium	103-1	8749864	8661784	8689006	8700218	0.52	cps
Rhodium	103-2	2976962	2922642	2916833	2938812	1.13	cps
Scandium	45-1	6440767	6492774	6555927	6496490	0.89	cps
Scandium	45-2	68325	70137	69534	69332	1.33	cps
Selenium	77-2	157	200	187	181	12.26	cps
Selenium	78-2	85	104	85	91	11.70	cps
Selenium	82-1	389	327	271	329	18.00	cps
Silicon	28-1	15062244	13023717	11778493	13288151	12.48	cps
Silver	109-1	7519	7753	7878	7716	2.36	cps
Silver	107-1	8203	8228	8161	8197	0.41	cps
Sodium	23-2	1013685	1009917	1013602	1012402	0.21	cps
Strontium	86-1	1217678	1228839	1229225	1225248	0.54	cps
Strontium	88-1	10594477	10468056	10557324	10539952	0.62	cps
Sulfur	34-1	399351	395972	398048	397791	0.43	cps
Terbium	159-1	10801186	10779747	10745781	10775571	0.26	cps
Terbium	159-2	2974884	3038196	3055894	3022991	1.41	cps
Thallium	203-1	5060	4859	4834	4918	2.51	cps
Thallium	205-1	11439	11447	10722	11203	3.72	cps
Tin	118-1	35674	35323	35623	35540	0.53	cps
Titanium	47-1	1042022	1079497	1037741	1053086	2.18	cps
Uranium	238-1	53240	52588	53785	53204	1.13	cps
Vanadium	51-2	119342	118916	120498	119585	0.68	cps
Yttrium	89-1	11463637	11425305	11536189	11475043	0.49	cps
Yttrium	89-2	490454	489375	491647	490492	0.23	cps
Zinc	66-2	105390	105047	106175	105537	0.55	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:15:05	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	422256	425834	420167	422753	0.68	cps
Zirconium	91-1	95269	94352	95675	95099	0.71	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580628	577067	577829	578508	0.32	cps
Antimony	121-1	5627	5777	7319	6241	15.01	cps
Arsenic	75-2	2482	2517	2422	2474	1.93	cps
Barium	135-1	665968	666759	666291	666339	0.06	cps
Barium	137-1	1148970	1154759	1160700	1154810	0.51	cps
Beryllium	9-1	5379	5540	5479	5466	1.49	cps
Bismuth	209-1	5754208	5758379	5677887	5730158	0.79	cps
Bismuth	209-2	2034264	2162275	2177329	2124623	3.70	cps
Boron	10-1	4051	4226	4301	4192	3.06	cps
Boron	11-1	20541	23137	21058	21578	6.37	cps
Cadmium	111-1	3510	3402	3415	3443	1.71	cps
Cadmium	106-1	3017	2909	3209	3045	4.99	cps
Cadmium	108-1	396	358	425	393	8.50	cps
Calcium	43-1	1031004	1033870	1035025	1033300	0.20	cps
Calcium	44-1	16603704	16810306	16809193	16741067	0.71	cps
Chromium	52-2	228893	227649	228222	228255	0.27	cps
Cobalt	59-2	120315	118805	119551	119557	0.63	cps
Copper	63-2	561436	563384	560870	561897	0.23	cps
Dysprosium	156-1	98881	101207	99923	100003	1.17	cps
Dysprosium	156-2	31869	30977	31264	31370	1.45	cps
Erbium	164-1	96331	94385	95920	95545	1.07	cps
Erbium	164-2	27964	27252	26621	27279	2.46	cps
Gadolinium	160-1	99873	99561	97397	98944	1.36	cps
Gadolinium	160-2	37949	36892	37230	37357	1.44	cps
Holmium	165-1	10044376	10091884	9987412	10041224	0.52	cps
Holmium	165-2	2862614	2982273	3050650	2965179	3.21	cps
Indium	115-1	8956879	9003408	8936367	8965551	0.38	cps
Indium	115-2	516704	551327	552705	540245	3.78	cps
Iron	56-2	80050035	78910938	79088380	79349784	0.77	cps
Iron	57-2	2051573	2039535	2046518	2045875	0.30	cps
Krypton	83-1	530	660	620	603	11.04	cps
Lead	206-1	1440663	1444502	1444498	1443221	0.15	cps
Lead	207-1	1182981	1185103	1175651	1181245	0.42	cps
Lead	208-1	5699570	5675203	5650507	5675093	0.43	cps
Lithium	6-1	1655943	1654514	1662889	1657782	0.27	cps
Magnesium	24-2	956929	960357	958348	958545	0.18	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1235915	1230629	1226599	1231047	0.38	cps
Molybdenum	94-1	147240	151090	153953	150761	2.23	cps
Molybdenum	95-1	6502	6819	7227	6849	5.31	cps
Molybdenum	96-1	32040	31964	34186	32730	3.85	cps
Molybdenum	97-1	3726	4334	4659	4240	11.18	cps
Molybdenum	98-1	9954	10296	11297	10516	6.64	cps
Neodymium	150-1	161436	161225	160462	161041	0.32	cps
Neodymium	150-2	30612	31264	30452	30776	1.40	cps
Nickel	60-2	88409	89274	89318	89000	0.58	cps
Phosphorus	31-2	1750	2109	1742	1867	11.21	cps
Potassium	39-2	214191	210496	211475	212054	0.90	cps
Rhodium	103-1	8727904	8747369	8632771	8702681	0.70	cps
Rhodium	103-2	2750186	2862460	2893222	2835289	2.66	cps
Scandium	45-1	6466007	6483197	6497197	6482134	0.24	cps
Scandium	45-2	67113	70067	69142	68774	2.20	cps
Selenium	77-2	180	180	160	173	6.66	cps
Selenium	78-2	78	113	91	94	18.96	cps
Selenium	82-1	333	157	222	237	37.43	cps
Silicon	28-1	11865353	13497850	12141378	12501527	6.99	cps
Silver	109-1	7636	7602	7553	7597	0.55	cps
Silver	107-1	8019	8045	7961	8008	0.53	cps
Sodium	23-2	993769	997184	993675	994876	0.20	cps
Strontium	86-1	1177723	1186372	1186749	1183615	0.43	cps
Strontium	88-1	10143436	10170392	10168987	10160938	0.15	cps
Sulfur	34-1	379593	378580	379346	379173	0.14	cps
Terbium	159-1	10501857	10582461	10517388	10533902	0.41	cps
Terbium	159-2	2853983	2994031	2996379	2948131	2.77	cps
Thallium	203-1	4226	4318	4168	4237	1.78	cps
Thallium	205-1	10138	9546	9896	9860	3.02	cps
Tin	118-1	33669	34212	34362	34081	1.07	cps
Titanium	47-1	1009015	1016575	1017867	1014486	0.47	cps
Uranium	238-1	50304	51812	50404	50840	1.66	cps
Vanadium	51-2	118486	117010	117105	117533	0.70	cps
Yttrium	89-1	11355071	11448214	11367362	11390216	0.44	cps
Yttrium	89-2	467035	487478	491195	481903	2.70	cps
Zinc	66-2	102068	100537	101246	101284	0.76	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUP	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:18:22	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	404653	410862	414657	410057	1.23	cps
Zirconium	91-1	91943	92458	90618	91673	1.04	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	118696	116887	117603	117729	0.77	cps
Antimony	121-1	1959	2467	3009	2478	21.19	cps
Arsenic	75-2	496	476	559	511	8.51	cps
Barium	135-1	129195	130436	129563	129731	0.49	cps
Barium	137-1	224072	230180	230462	228238	1.58	cps
Beryllium	9-1	1306	1328	1206	1280	5.09	cps
Bismuth	209-1	5626033	5680793	5768906	5691911	1.27	cps
Bismuth	209-2	2228248	2202434	2181021	2203901	1.07	cps
Boron	10-1	1467	1583	1442	1497	5.05	cps
Boron	11-1	7611	7494	7277	7461	2.27	cps
Cadmium	111-1	1602	1537	1656	1598	3.72	cps
Cadmium	106-1	2017	1884	2009	1970	3.79	cps
Cadmium	108-1	92	117	96	101	13.21	cps
Calcium	43-1	206480	205787	206998	206422	0.29	cps
Calcium	44-1	3411040	3384489	3422118	3405882	0.57	cps
Chromium	52-2	48002	47474	46882	47452	1.18	cps
Cobalt	59-2	24435	24215	23687	24112	1.59	cps
Copper	63-2	117750	118389	117044	117728	0.57	cps
Dysprosium	156-1	19232	20058	19966	19752	2.29	cps
Dysprosium	156-2	5845	6152	6295	6097	3.77	cps
Erbium	164-1	18380	19140	18364	18628	2.38	cps
Erbium	164-2	5438	5471	5341	5417	1.25	cps
Gadolinium	160-1	19165	19407	18948	19173	1.20	cps
Gadolinium	160-2	7522	7582	7259	7454	2.31	cps
Holmium	165-1	9574525	10056322	9875249	9835365	2.47	cps
Holmium	165-2	3066982	3037263	3053629	3052625	0.49	cps
Indium	115-1	8931967	8808160	8933572	8891233	0.81	cps
Indium	115-2	570385	560180	560863	563809	1.01	cps
Iron	56-2	16543336	16397639	16567518	16502831	0.56	cps
Iron	57-2	413214	414634	414032	413960	0.17	cps
Krypton	83-1	453	477	513	481	6.29	cps
Lead	206-1	283368	279740	282660	281923	0.68	cps
Lead	207-1	233025	231592	228724	231114	0.95	cps
Lead	208-1	1088157	1080763	1088090	1085670	0.39	cps
Lithium	6-1	1671443	1672706	1689641	1677930	0.61	cps
Magnesium	24-2	195630	193279	194731	194547	0.61	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	245822	247572	248801	247398	0.61	cps
Molybdenum	94-1	29909	30401	30018	30109	0.86	cps
Molybdenum	95-1	1834	2042	2209	2028	9.27	cps
Molybdenum	96-1	6560	6977	7711	7083	8.23	cps
Molybdenum	97-1	1075	1508	1492	1358	18.08	cps
Molybdenum	98-1	2550	3226	3484	3087	15.62	cps
Neodymium	150-1	31739	31325	31632	31565	0.68	cps
Neodymium	150-2	6148	5961	6222	6110	2.19	cps
Nickel	60-2	18122	18242	18362	18242	0.66	cps
Phosphorus	31-2	342	392	333	356	8.87	cps
Potassium	39-2	45935	47364	46227	46509	1.62	cps
Rhodium	103-1	8736814	8837168	8802410	8792130	0.58	cps
Rhodium	103-2	3011935	2975565	2986789	2991430	0.62	cps
Scandium	45-1	6178417	6222525	6177199	6192714	0.42	cps
Scandium	45-2	68218	67783	67022	67674	0.89	cps
Selenium	77-2	40	40	27	36	21.64	cps
Selenium	78-2	24	30	26	27	10.66	cps
Selenium	82-1	44	69	5	39	81.54	cps
Silicon	28-1	2209170	11397204	3514525	5706966	87.10	cps
Silver	109-1	1492	1300	1483	1425	7.60	cps
Silver	107-1	1534	1692	1575	1600	5.13	cps
Sodium	23-2	214543	211745	209704	211997	1.15	cps
Strontium	86-1	234948	236011	238035	236331	0.66	cps
Strontium	88-1	2099691	2093418	2115911	2103007	0.55	cps
Sulfur	34-1	333585	334600	336163	334782	0.39	cps
Terbium	159-1	10233184	10385417	10296024	10304875	0.74	cps
Terbium	159-2	3042338	3009768	3003854	3018654	0.69	cps
Thallium	203-1	925	1117	1008	1017	9.45	cps
Thallium	205-1	2725	2267	2392	2461	9.63	cps
Tin	118-1	7703	7903	8136	7914	2.74	cps
Titanium	47-1	199878	216754	199401	205344	4.81	cps
Uranium	238-1	9562	9996	9588	9715	2.51	cps
Vanadium	51-2	23687	23770	24675	24044	2.28	cps
Yttrium	89-1	10191080	10329478	10227648	10249402	0.70	cps
Yttrium	89-2	451516	445756	444725	447333	0.82	cps
Zinc	66-2	21994	22352	21851	22066	1.17	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LX5	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)L	Dilution Factor :	5
Date & Time Acquired ::	2018-04-26 15:21:40	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	87326	81251	81343	83307	4.18	cps
Zirconium	91-1	116781	17846	18105	50911	112.05	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	698081	701559	704963	701535	0.49	cps
Antimony	121-1	2268888	2282029	2304157	2285025	0.78	cps
Arsenic	75-2	66526	65484	66712	66240	1.00	cps
Barium	135-1	5002973	5036328	5094010	5044437	0.91	cps
Barium	137-1	8648516	8696143	8785858	8710173	0.80	cps
Beryllium	9-1	635000	636850	637118	636323	0.18	cps
Bismuth	209-1	5715327	5725523	5708380	5716410	0.15	cps
Bismuth	209-2	2150973	2135935	2138722	2141877	0.37	cps
Boron	10-1	72617	75206	75490	74438	2.13	cps
Boron	11-1	349461	364252	366699	360137	2.59	cps
Cadmium	111-1	925936	930862	937293	931364	0.61	cps
Cadmium	106-1	95303	95345	98888	96512	2.13	cps
Cadmium	108-1	65245	65768	65872	65629	0.51	cps
Calcium	43-1	2190727	2225899	2220815	2212481	0.86	cps
Calcium	44-1	34973936	35337219	35741707	35350954	1.09	cps
Chromium	52-2	788490	786841	793047	789460	0.41	cps
Cobalt	59-2	1279946	1272806	1282463	1278405	0.39	cps
Copper	63-2	2566269	2535353	2528634	2543419	0.79	cps
Dysprosium	156-1	103231	103501	104516	103749	0.65	cps
Dysprosium	156-2	31956	32584	32013	32184	1.08	cps
Erbium	164-1	101067	102721	102604	102131	0.90	cps
Erbium	164-2	29260	28755	28184	28733	1.87	cps
Gadolinium	160-1	100940	104777	103167	102961	1.87	cps
Gadolinium	160-2	38280	38206	39179	38555	1.40	cps
Holmium	165-1	10070047	10055878	10265077	10130334	1.15	cps
Holmium	165-2	3028190	3024460	3025177	3025942	0.07	cps
Indium	115-1	8797769	8683347	8831786	8770967	0.89	cps
Indium	115-2	532940	527702	534434	531692	0.66	cps
Iron	56-2	100487963	99477641	100195313	100053639	0.52	cps
Iron	57-2	2577365	2549603	2569991	2565653	0.56	cps
Krypton	83-1	603	543	590	579	5.44	cps
Lead	206-1	4185226	4249703	4235938	4223622	0.80	cps
Lead	207-1	3680130	3719326	3734554	3711337	0.76	cps
Lead	208-1	16838005	16899737	16984103	16907281	0.43	cps
Lithium	6-1	1639637	1645599	1641796	1642344	0.18	cps
Magnesium	24-2	3089293	3121508	3097744	3102848	0.54	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1539926	1517619	1531271	1529606	0.74	cps
Molybdenum	94-1	7352582	7444891	7457647	7418373	0.77	cps
Molybdenum	95-1	9028523	9113409	9188604	9110179	0.88	cps
Molybdenum	96-1	10092833	10029088	10190680	10104200	0.81	cps
Molybdenum	97-1	5606995	5711677	5774380	5697684	1.48	cps
Molybdenum	98-1	14319834	14407988	14596124	14441315	0.98	cps
Neodymium	150-1	162776	164452	168752	165327	1.86	cps
Neodymium	150-2	31348	32303	32454	32035	1.87	cps
Nickel	60-2	435528	436950	438401	436960	0.33	cps
Phosphorus	31-2	2050	1975	2050	2025	2.14	cps
Potassium	39-2	832436	832541	840976	835317	0.59	cps
Rhodium	103-1	8256469	8353689	8482366	8364175	1.35	cps
Rhodium	103-2	2809686	2789018	2813353	2804019	0.47	cps
Scandium	45-1	6462565	6414151	6388114	6421610	0.59	cps
Scandium	45-2	68272	67776	67930	67992	0.37	cps
Selenium	77-2	787	617	733	712	12.21	cps
Selenium	78-2	1798	1745	1867	1803	3.40	cps
Selenium	82-1	59263	59795	59337	59465	0.48	cps
Silicon	28-1	21762158	17104268	16370538	18412321	15.88	cps
Silver	109-1	354536	354555	357434	355508	0.47	cps
Silver	107-1	375481	374775	378263	376173	0.49	cps
Sodium	23-2	5641763	5652893	5734441	5676365	0.89	cps
Strontium	86-1	2673406	2683635	2694599	2683880	0.39	cps
Strontium	88-1	22795644	22672454	23017978	22828692	0.77	cps
Sulfur	34-1	394930	396811	390640	394127	0.80	cps
Terbium	159-1	10533557	10535834	10739247	10602880	1.11	cps
Terbium	159-2	3036934	3026679	2990975	3018196	0.80	cps
Thallium	203-1	2871413	2911851	2924125	2902463	0.95	cps
Thallium	205-1	6781359	6788886	6865792	6812012	0.69	cps
Tin	118-1	2973058	3009338	3051691	3011362	1.31	cps
Titanium	47-1	3892077	3925212	3970364	3929217	1.00	cps
Uranium	238-1	8557189	8594724	8612285	8588066	0.33	cps
Vanadium	51-2	563145	563038	564861	563681	0.18	cps
Yttrium	89-1	11199646	11209838	11446808	11285431	1.24	cps
Yttrium	89-2	479983	478932	480718	479878	0.19	cps
Zinc	66-2	260810	260237	262550	261199	0.46	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MS	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MS	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:24:58	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6377451	6317360	6412092	6368968	0.75	cps
Zirconium	91-1	1406415	1425661	1447457	1426511	1.44	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	714578	671535	664451	683521	3.97	cps
Antimony	121-1	2637837	2657343	2661148	2652109	0.47	cps
Arsenic	75-2	70234	66044	65510	67263	3.85	cps
Barium	135-1	5365180	5394757	5460263	5406733	0.90	cps
Barium	137-1	9239330	9366202	9450654	9352062	1.14	cps
Beryllium	9-1	685192	690870	686992	687685	0.42	cps
Bismuth	209-1	5803853	5952242	5862110	5872735	1.27	cps
Bismuth	209-2	2121588	2093381	2039543	2084837	2.00	cps
Boron	10-1	79789	79218	80878	79962	1.05	cps
Boron	11-1	382847	394990	402837	393558	2.56	cps
Cadmium	111-1	991789	1004388	1008849	1001675	0.88	cps
Cadmium	106-1	104015	104797	105218	104677	0.58	cps
Cadmium	108-1	70663	69592	71212	70489	1.17	cps
Calcium	43-1	2411688	2440452	2426407	2426182	0.59	cps
Calcium	44-1	38434304	38597054	38807797	38613052	0.48	cps
Chromium	52-2	865585	818016	811518	831706	3.55	cps
Cobalt	59-2	1353480	1281054	1274461	1302998	3.36	cps
Copper	63-2	2661275	2532537	2475619	2556477	3.72	cps
Dysprosium	156-1	103500	104861	108079	105480	2.23	cps
Dysprosium	156-2	31698	30172	29854	30575	3.22	cps
Erbium	164-1	103889	106711	104720	105107	1.38	cps
Erbium	164-2	29253	27195	27078	27842	4.39	cps
Gadolinium	160-1	106393	102359	103267	104006	2.03	cps
Gadolinium	160-2	37671	36204	35799	36558	2.69	cps
Holmium	165-1	10180620	10263966	10412178	10285588	1.14	cps
Holmium	165-2	3022690	2872461	2848209	2914453	3.24	cps
Indium	115-1	8734071	8959030	8908828	8867310	1.33	cps
Indium	115-2	531274	507260	499190	512575	3.26	cps
Iron	56-2	97225258	91076721	91511960	93271313	3.68	cps
Iron	57-2	2493641	2339737	2366305	2399894	3.43	cps
Krypton	83-1	583	563	550	566	2.97	cps
Lead	206-1	4032875	4176134	4100355	4103121	1.75	cps
Lead	207-1	3608678	3585072	3626863	3606871	0.58	cps
Lead	208-1	16180319	16514692	16412417	16369143	1.05	cps
Lithium	6-1	1641777	1684993	1692892	1673221	1.64	cps
Magnesium	24-2	3252681	3048587	3081196	3127488	3.51	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1628084	1548142	1502109	1559445	4.09	cps
Molybdenum	94-1	8048337	8182606	8044741	8091895	0.97	cps
Molybdenum	95-1	9872266	9930948	9784071	9862428	0.75	cps
Molybdenum	96-1	10904103	11014007	10982424	10966845	0.52	cps
Molybdenum	97-1	6140530	6278792	6139539	6186287	1.30	cps
Molybdenum	98-1	15570260	15971966	15650368	15730865	1.35	cps
Neodymium	150-1	161570	165714	165831	164371	1.48	cps
Neodymium	150-2	31017	29079	28688	29595	4.21	cps
Nickel	60-2	465948	438145	435486	446526	3.78	cps
Phosphorus	31-2	1925	1817	1825	1856	3.25	cps
Potassium	39-2	868735	813561	816806	833034	3.72	cps
Rhodium	103-1	8526997	8619416	8368354	8504922	1.49	cps
Rhodium	103-2	2835023	2675987	2614525	2708512	4.20	cps
Scandium	45-1	6421034	6515546	6511299	6482626	0.82	cps
Scandium	45-2	68000	65084	64866	65983	2.65	cps
Selenium	77-2	700	737	667	701	4.99	cps
Selenium	78-2	1867	1793	1832	1830	2.02	cps
Selenium	82-1	63868	63945	64764	64192	0.77	cps
Silicon	28-1	23456882	23649087	34908863	27338277	23.98	cps
Silver	109-1	351238	352936	354127	352767	0.41	cps
Silver	107-1	368763	372994	375706	372488	0.94	cps
Sodium	23-2	6016313	5755780	5725709	5832601	2.74	cps
Strontium	86-1	2729363	2786105	2781811	2765760	1.14	cps
Strontium	88-1	23798266	23644427	23732250	23724981	0.33	cps
Sulfur	34-1	388466	387006	384511	386661	0.52	cps
Terbium	159-1	10801570	10668609	10839980	10770053	0.83	cps
Terbium	159-2	3069294	2850528	2860097	2926639	4.22	cps
Thallium	203-1	3132886	3135204	3165211	3144434	0.57	cps
Thallium	205-1	7315680	7389772	7488293	7397915	1.17	cps
Tin	118-1	3193090	3204902	3220716	3206236	0.43	cps
Titanium	47-1	4292615	4362154	4385105	4346625	1.11	cps
Uranium	238-1	9256639	9610879	9417111	9428210	1.88	cps
Vanadium	51-2	569741	538284	536026	548017	3.44	cps
Yttrium	89-1	11432635	11506870	11404892	11448132	0.46	cps
Yttrium	89-2	480886	449625	444640	458384	4.29	cps
Zinc	66-2	269765	255527	254631	259974	3.27	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSD	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:28:07	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6813306	6772851	6796404	6794187	0.30	cps
Zirconium	91-1	1531325	1541641	1530705	1534557	0.40	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	703562	707073	700813	703816	0.45	cps
Antimony	121-1	2509422	2526115	2516965	2517501	0.33	cps
Arsenic	75-2	68541	67527	68305	68124	0.78	cps
Barium	135-1	5259583	5350012	5294892	5301496	0.86	cps
Barium	137-1	9138171	9165092	9183863	9162375	0.25	cps
Beryllium	9-1	664901	669336	674958	669732	0.75	cps
Bismuth	209-1	5966361	5902338	6013583	5960761	0.94	cps
Bismuth	209-2	2179132	2199529	2192477	2190379	0.47	cps
Boron	10-1	79294	79605	82210	80370	1.99	cps
Boron	11-1	379900	391102	397874	389626	2.33	cps
Cadmium	111-1	969293	984394	983974	979220	0.88	cps
Cadmium	106-1	102842	103244	103530	103205	0.33	cps
Cadmium	108-1	69381	69272	70232	69629	0.75	cps
Calcium	43-1	2311965	2320286	2320513	2317588	0.21	cps
Calcium	44-1	36541081	37270179	37514596	37108619	1.36	cps
Chromium	52-2	832170	832598	826194	830321	0.43	cps
Cobalt	59-2	1320116	1319681	1313897	1317898	0.26	cps
Copper	63-2	2614832	2601784	2584127	2600248	0.59	cps
Dysprosium	156-1	106120	106893	107256	106756	0.54	cps
Dysprosium	156-2	32611	31598	32514	32241	1.73	cps
Erbium	164-1	104620	107988	108433	107014	1.95	cps
Erbium	164-2	28458	29163	28267	28629	1.65	cps
Gadolinium	160-1	106240	106214	106223	106225	0.01	cps
Gadolinium	160-2	38724	38560	38594	38626	0.22	cps
Holmium	165-1	10500470	10549222	10382629	10477440	0.82	cps
Holmium	165-2	3009595	3099658	3035886	3048379	1.52	cps
Indium	115-1	8855973	8853817	8908203	8872664	0.35	cps
Indium	115-2	534288	530593	529251	531378	0.49	cps
Iron	56-2	99259761	98974738	98207944	98814148	0.55	cps
Iron	57-2	2541888	2509873	2520600	2524120	0.65	cps
Krypton	83-1	593	693	600	629	8.89	cps
Lead	206-1	4232473	4191499	4291344	4238439	1.18	cps
Lead	207-1	3725427	3726677	3757097	3736400	0.48	cps
Lead	208-1	17014347	16981749	17214552	17070216	0.74	cps
Lithium	6-1	1683107	1700772	1697109	1693663	0.55	cps
Magnesium	24-2	3161742	3188879	3168000	3172874	0.45	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1591544	1602045	1564400	1585996	1.22	cps
Molybdenum	94-1	7791999	7970147	7962624	7908257	1.27	cps
Molybdenum	95-1	9588253	9540204	9650891	9593116	0.58	cps
Molybdenum	96-1	10551461	10638138	10893316	10694305	1.66	cps
Molybdenum	97-1	6036482	6084385	6114369	6078412	0.65	cps
Molybdenum	98-1	15324316	15277097	15325307	15308907	0.18	cps
Neodymium	150-1	168819	166789	171352	168986	1.35	cps
Neodymium	150-2	30910	31374	31582	31289	1.10	cps
Nickel	60-2	450753	453786	449810	451450	0.46	cps
Phosphorus	31-2	1684	1892	1909	1828	6.86	cps
Potassium	39-2	854713	854153	845177	851347	0.63	cps
Rhodium	103-1	8560728	8524513	8539555	8541599	0.21	cps
Rhodium	103-2	2849455	2881146	2811050	2847217	1.23	cps
Scandium	45-1	6433901	6500580	6520171	6484884	0.70	cps
Scandium	45-2	67655	68768	68466	68296	0.84	cps
Selenium	77-2	760	760	727	749	2.57	cps
Selenium	78-2	1891	1787	1896	1858	3.31	cps
Selenium	82-1	62808	62422	62593	62608	0.31	cps
Silicon	28-1	23546686	19458629	22736220	21913845	9.88	cps
Silver	109-1	398084	354269	358954	370436	6.49	cps
Silver	107-1	451778	380456	414985	415740	8.58	cps
Sodium	23-2	5865654	5955317	5885976	5902315	0.80	cps
Strontium	86-1	2762764	2772705	2812329	2782600	0.94	cps
Strontium	88-1	23384417	23780964	23900451	23688611	1.14	cps
Sulfur	34-1	383577	386073	382974	384208	0.43	cps
Terbium	159-1	10946576	10812614	10802099	10853763	0.74	cps
Terbium	159-2	3038983	3025129	3008838	3024316	0.50	cps
Thallium	203-1	3121829	3073916	3122003	3105916	0.89	cps
Thallium	205-1	7289204	7250954	7264472	7268210	0.27	cps
Tin	118-1	3134059	3174309	3141934	3150101	0.68	cps
Titanium	47-1	4088204	4172841	4161289	4140778	1.11	cps
Uranium	238-1	9317660	9287467	9466598	9357241	1.02	cps
Vanadium	51-2	570695	571051	567024	569590	0.39	cps
Yttrium	89-1	11393927	11568309	11620893	11527710	1.03	cps
Yttrium	89-2	484128	475977	472220	477442	1.28	cps
Zinc	66-2	266111	267138	264184	265811	0.56	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01A	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)A	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:31:15	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6619836	6741222	6755159	6705406	1.11	cps
Zirconium	91-1	1505985	1515378	1503790	1508384	0.41	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	522373	517088	518667	519376	0.52	cps
Antimony	121-1	1825	1809	2292	1975	13.89	cps
Arsenic	75-2	2250	2356	2358	2321	2.65	cps
Barium	135-1	1080721	1079469	1081386	1080525	0.09	cps
Barium	137-1	1896659	1920146	1921725	1912844	0.73	cps
Beryllium	9-1	4723	4907	4840	4823	1.92	cps
Bismuth	209-1	5818432	5759017	5772615	5783355	0.54	cps
Bismuth	209-2	2173030	2180893	2164125	2172683	0.39	cps
Boron	10-1	5876	5460	4726	5354	10.88	cps
Boron	11-1	27135	25248	24756	25713	4.88	cps
Cadmium	111-1	3264	3412	3232	3303	2.91	cps
Cadmium	106-1	2909	2859	2400	2723	10.29	cps
Cadmium	108-1	383	342	367	364	5.76	cps
Calcium	43-1	432967	436969	432951	434295	0.53	cps
Calcium	44-1	6982458	7040993	7041682	7021711	0.48	cps
Chromium	52-2	141005	140796	138975	140259	0.80	cps
Cobalt	59-2	154442	153791	153750	153994	0.25	cps
Copper	63-2	651856	648925	652451	651077	0.29	cps
Dysprosium	156-1	99561	100813	102451	100941	1.44	cps
Dysprosium	156-2	30422	29948	30529	30300	1.02	cps
Erbium	164-1	88501	90548	90230	89760	1.23	cps
Erbium	164-2	25582	24557	24787	24975	2.15	cps
Gadolinium	160-1	98253	99212	99598	99021	0.70	cps
Gadolinium	160-2	36708	36431	36521	36553	0.39	cps
Holmium	165-1	10220926	10226693	10245752	10231124	0.13	cps
Holmium	165-2	3018623	3046695	3031931	3032417	0.46	cps
Indium	115-1	9046011	8986633	8884165	8972270	0.91	cps
Indium	115-2	547083	542284	546264	545210	0.47	cps
Iron	56-2	65931275	65277574	65011745	65406864	0.72	cps
Iron	57-2	1681435	1684514	1696851	1687600	0.48	cps
Krypton	83-1	510	617	633	587	11.41	cps
Lead	206-1	289381	289496	292948	290608	0.70	cps
Lead	207-1	239866	239970	238205	239347	0.41	cps
Lead	208-1	1133817	1128659	1123755	1128744	0.45	cps
Lithium	6-1	1672186	1684644	1692899	1683243	0.62	cps
Magnesium	24-2	1117909	1144165	1128066	1130047	1.17	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1691589	1681479	1656981	1676683	1.06	cps
Molybdenum	94-1	104139	103334	106709	104728	1.68	cps
Molybdenum	95-1	13774	15001	16110	14962	7.81	cps
Molybdenum	96-1	32014	32799	33075	32629	1.69	cps
Molybdenum	97-1	8395	9838	9604	9279	8.35	cps
Molybdenum	98-1	21334	23930	25300	23521	8.56	cps
Neodymium	150-1	159931	159726	160524	160060	0.26	cps
Neodymium	150-2	29971	29577	29650	29733	0.71	cps
Nickel	60-2	116257	114338	113565	114720	1.21	cps
Phosphorus	31-2	1508	1642	1767	1639	7.88	cps
Potassium	39-2	212706	215156	211806	213223	0.81	cps
Rhodium	103-1	8802504	8735273	8615643	8717806	1.09	cps
Rhodium	103-2	2872650	2846045	2919551	2879415	1.29	cps
Scandium	45-1	6325531	6300107	6362362	6329334	0.49	cps
Scandium	45-2	68255	67471	66848	67525	1.04	cps
Selenium	77-2	157	173	127	152	15.54	cps
Selenium	78-2	104	87	107	99	10.92	cps
Selenium	82-1	265	170	164	200	28.46	cps
Silicon	28-1	10549477	8729739	9372878	9550698	9.66	cps
Silver	109-1	1859	1800	1859	1839	1.83	cps
Silver	107-1	2059	1825	1959	1947	6.01	cps
Sodium	23-2	808552	788565	791812	796310	1.35	cps
Strontium	86-1	352410	350360	357606	353459	1.06	cps
Strontium	88-1	3087841	3078116	3063092	3076350	0.41	cps
Sulfur	34-1	356807	354176	352567	354517	0.60	cps
Terbium	159-1	10723826	10643772	10626030	10664543	0.49	cps
Terbium	159-2	2994895	2988018	3017952	3000289	0.52	cps
Thallium	203-1	7828	7336	7211	7458	4.37	cps
Thallium	205-1	19015	18139	16511	17888	7.10	cps
Tin	118-1	11196	11168	11173	11179	0.13	cps
Titanium	47-1	1149785	1164431	1138720	1150979	1.12	cps
Uranium	238-1	70325	68758	69302	69462	1.15	cps
Vanadium	51-2	102273	102337	102253	102288	0.04	cps
Yttrium	89-1	11733470	11461547	11379714	11524910	1.61	cps
Yttrium	89-2	486625	486297	484346	485756	0.25	cps
Zinc	66-2	43030	42679	43194	42968	0.61	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:34:23	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	268004	266446	264498	266316	0.66	cps
Zirconium	91-1	58142	59685	59130	58986	1.33	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	665858	662193	660440	662830	0.42	cps
Antimony	121-1	2000	2050	2400	2150	10.14	cps
Arsenic	75-2	3384	3232	3258	3291	2.47	cps
Barium	135-1	910668	926326	925622	920872	0.96	cps
Barium	137-1	1600591	1609630	1628678	1612966	0.89	cps
Beryllium	9-1	5140	5045	5457	5214	4.13	cps
Bismuth	209-1	5781677	5799541	5740917	5774045	0.52	cps
Bismuth	209-2	2146968	2147802	2142675	2145815	0.13	cps
Boron	10-1	4092	3809	3601	3834	6.44	cps
Boron	11-1	18438	18538	17778	18251	2.26	cps
Cadmium	111-1	3487	3148	3302	3312	5.14	cps
Cadmium	106-1	3484	3050	3309	3281	6.65	cps
Cadmium	108-1	425	554	479	486	13.34	cps
Calcium	43-1	2159931	2219433	2208920	2196095	1.45	cps
Calcium	44-1	35526264	35339598	35809476	35558446	0.67	cps
Chromium	52-2	200048	199550	199090	199563	0.24	cps
Cobalt	59-2	138409	138153	137679	138080	0.27	cps
Copper	63-2	412011	408708	408544	409754	0.48	cps
Dysprosium	156-1	120160	121924	121967	121351	0.85	cps
Dysprosium	156-2	37320	37434	37136	37297	0.40	cps
Erbium	164-1	116678	115183	120058	117306	2.13	cps
Erbium	164-2	32404	32193	32330	32309	0.33	cps
Gadolinium	160-1	117687	119394	120641	119241	1.24	cps
Gadolinium	160-2	44265	44155	44232	44217	0.13	cps
Holmium	165-1	10012493	10048010	10140536	10067013	0.66	cps
Holmium	165-2	2997071	3010379	2995749	3001066	0.27	cps
Indium	115-1	8865283	8949013	8797000	8870432	0.86	cps
Indium	115-2	547213	545134	536811	543052	1.01	cps
Iron	56-2	89282019	88518710	87707910	88502880	0.89	cps
Iron	57-2	2288615	2266789	2272548	2275984	0.50	cps
Krypton	83-1	687	623	650	653	4.87	cps
Lead	206-1	1250571	1272121	1285695	1269462	1.40	cps
Lead	207-1	1047901	1056511	1064387	1056266	0.78	cps
Lead	208-1	4989865	5035583	5045385	5023611	0.59	cps
Lithium	6-1	1667677	1667544	1679183	1671468	0.40	cps
Magnesium	24-2	1591305	1601782	1551681	1581589	1.67	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1752539	1743869	1737398	1744602	0.44	cps
Molybdenum	94-1	292721	208410	209178	236770	20.47	cps
Molybdenum	95-1	13290	13641	13866	13599	2.13	cps
Molybdenum	96-1	47509	49182	49793	48828	2.42	cps
Molybdenum	97-1	8603	8653	8670	8642	0.40	cps
Molybdenum	98-1	21510	21668	21618	21599	0.37	cps
Neodymium	150-1	185230	186730	189552	187171	1.17	cps
Neodymium	150-2	35334	34840	36290	35488	2.08	cps
Nickel	60-2	97028	97522	96907	97152	0.34	cps
Phosphorus	31-2	1884	1800	1800	1828	2.63	cps
Potassium	39-2	206239	206343	203424	205335	0.81	cps
Rhodium	103-1	8568317	8652392	8407315	8542675	1.46	cps
Rhodium	103-2	2873577	2854721	2887627	2871975	0.57	cps
Scandium	45-1	6387980	6397658	6518450	6434696	1.13	cps
Scandium	45-2	69233	68415	68100	68583	0.85	cps
Selenium	77-2	183	170	203	186	9.04	cps
Selenium	78-2	120	137	130	129	6.47	cps
Selenium	82-1	326	459	378	388	17.37	cps
Silicon	28-1	23539595	30533133	24338113	26136947	14.65	cps
Silver	109-1	2567	2392	2684	2548	5.76	cps
Silver	107-1	2825	2717	2817	2787	2.16	cps
Sodium	23-2	326772	326797	327227	326932	0.08	cps
Strontium	86-1	918369	925311	928508	924063	0.56	cps
Strontium	88-1	7973986	7858272	7961180	7931146	0.80	cps
Sulfur	34-1	468197	478008	478902	475036	1.25	cps
Terbium	159-1	10510932	10618154	10615910	10581665	0.58	cps
Terbium	159-2	3017277	3017199	3025450	3019975	0.16	cps
Thallium	203-1	5985	6410	6435	6277	4.03	cps
Thallium	205-1	14826	15118	14768	14904	1.26	cps
Tin	118-1	19214	20175	20843	20077	4.08	cps
Titanium	47-1	1589657	1556498	1556363	1567506	1.22	cps
Uranium	238-1	92351	91100	92090	91847	0.72	cps
Vanadium	51-2	125621	126912	126488	126340	0.52	cps
Yttrium	89-1	11646418	11780993	11769068	11732160	0.63	cps
Yttrium	89-2	502119	502921	498106	501049	0.51	cps
Zinc	66-2	62520	63029	62594	62714	0.44	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:37:41	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	568820	559097	560792	562903	0.92	cps
Zirconium	91-1	122449	122221	125299	123323	1.39	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	533685	533117	527287	531363	0.67	cps
Antimony	121-1	4740199	4670420	4734639	4715086	0.82	cps
Arsenic	75-2	72666	71893	70754	71771	1.34	cps
Barium	135-1	4838936	4802528	4863785	4835083	0.64	cps
Barium	137-1	8436508	8352708	8327209	8372142	0.68	cps
Beryllium	9-1	720078	715918	712365	716120	0.54	cps
Bismuth	209-1	5886991	5997256	5995802	5960016	1.06	cps
Bismuth	209-2	2269816	2288524	2253073	2270471	0.78	cps
Boron	10-1	82797	84231	86100	84376	1.96	cps
Boron	11-1	401297	410755	421175	411076	2.42	cps
Cadmium	111-1	1029477	1030631	1028405	1029504	0.11	cps
Cadmium	106-1	109132	106680	109894	108569	1.55	cps
Cadmium	108-1	74166	71865	73085	73039	1.58	cps
Calcium	43-1	6158908	6163604	6198219	6173577	0.35	cps
Calcium	44-1	100214694	99350352	100718869	100094638	0.69	cps
Chromium	52-2	664538	662045	661893	662826	0.22	cps
Cobalt	59-2	1255937	1255837	1251842	1254539	0.19	cps
Copper	63-2	2143540	2177043	2177670	2166084	0.90	cps
Dysprosium	156-1	92	75	83	83	10.00	cps
Dysprosium	156-2	7	10	20	12	56.76	cps
Erbium	164-1	92	92	67	83	17.32	cps
Erbium	164-2	13	17	17	16	12.40	cps
Gadolinium	160-1	133	67	50	83	52.92	cps
Gadolinium	160-2	27	37	27	30	19.24	cps
Holmium	165-1	10760833	10758622	10738507	10752654	0.11	cps
Holmium	165-2	3270577	3219384	3220392	3236784	0.90	cps
Indium	115-1	9339973	9199992	9302479	9280815	0.78	cps
Indium	115-2	572741	567053	559211	566335	1.20	cps
Iron	56-2	108313366	108656475	108857714	108609185	0.25	cps
Iron	57-2	2820508	2788815	2762990	2790771	1.03	cps
Krypton	83-1	400	463	480	448	9.43	cps
Lead	206-1	2485624	2495875	2537141	2506213	1.09	cps
Lead	207-1	2305691	2290259	2256404	2284118	1.10	cps
Lead	208-1	10258900	10253566	10225290	10245919	0.18	cps
Lithium	6-1	1697337	1733144	1746574	1725685	1.47	cps
Magnesium	24-2	11468129	11422495	11407149	11432591	0.28	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	378191	378766	378172	378376	0.09	cps
Molybdenum	94-1	8828996	8744394	8753427	8775606	0.53	cps
Molybdenum	95-1	10711139	10798705	10736518	10748787	0.42	cps
Molybdenum	96-1	11951823	11853109	11962383	11922438	0.51	cps
Molybdenum	97-1	6778718	6775974	6757005	6770566	0.17	cps
Molybdenum	98-1	17175035	17227835	17200489	17201120	0.15	cps
Neodymium	150-1	140	187	153	160	15.02	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	374733	379944	377377	377352	0.69	cps
Phosphorus	31-2	7202	7002	6710	6971	3.55	cps
Potassium	39-2	3545265	3562549	3515559	3541125	0.67	cps
Rhodium	103-1	8944754	8915321	8905300	8921792	0.23	cps
Rhodium	103-2	2986619	2961047	2920212	2955959	1.13	cps
Scandium	45-1	6370236	6422469	6468852	6420519	0.77	cps
Scandium	45-2	68030	68526	67964	68173	0.45	cps
Selenium	77-2	570	550	530	550	3.64	cps
Selenium	78-2	1904	1948	1896	1916	1.46	cps
Selenium	82-1	66883	66256	66513	66551	0.47	cps
Silicon	28-1	2698692	2754048	2770048	2740929	1.37	cps
Silver	109-1	4901491	4890679	4894893	4895687	0.11	cps
Silver	107-1	5193797	5090942	5118447	5134395	1.04	cps
Sodium	23-2	26545188	26519624	26327905	26464239	0.45	cps
Strontium	86-1	1447152	1409143	1400393	1418896	1.75	cps
Strontium	88-1	12291399	12106609	11875784	12091264	1.72	cps
Sulfur	34-1	782786	776711	782179	780559	0.43	cps
Terbium	159-1	11372949	11225171	11344053	11314057	0.69	cps
Terbium	159-2	3201645	3216130	3182165	3199980	0.53	cps
Thallium	203-1	3130858	3140292	3171342	3147497	0.67	cps
Thallium	205-1	7396891	7308084	7383304	7362760	0.65	cps
Tin	118-1	3310031	3291731	3304077	3301946	0.28	cps
Titanium	47-1	3098330	3116586	3108243	3107720	0.29	cps
Uranium	238-1	9414822	9626639	9535583	9525681	1.12	cps
Vanadium	51-2	465756	465596	466400	465917	0.09	cps
Yttrium	89-1	10599619	10710691	10394175	10568162	1.52	cps
Yttrium	89-2	449509	448809	446172	448163	0.39	cps
Zinc	66-2	198367	198673	197537	198193	0.30	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV54	Instrumnet Name :	P8
Client Sample ID :	CCV54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:46:56	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	7345732	7452111	7333768	7377204	0.88	cps
Zirconium	91-1	1673893	1683921	1664382	1674066	0.58	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 15:52:09 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	8	17	19	65.47	cps
Antimony	121-1	7394	7869	9220	8161	11.61	cps
Arsenic	75-2	24	20	41	28	38.22	cps
Barium	135-1	75	92	42	69	36.66	cps
Barium	137-1	108	92	183	128	38.21	cps
Beryllium	9-1	111	122	83	106	18.98	cps
Bismuth	209-1	6313907	6458421	6289356	6353895	1.44	cps
Bismuth	209-2	2390465	2182463	2360023	2310984	4.86	cps
Boron	10-1	1734	1617	1642	1664	3.69	cps
Boron	11-1	8286	7711	8044	8014	3.60	cps
Cadmium	111-1	1413	1626	1611	1550	7.67	cps
Cadmium	106-1	1950	2234	2242	2142	7.75	cps
Cadmium	108-1	21	29	13	21	40.01	cps
Calcium	43-1	808	600	767	725	15.21	cps
Calcium	44-1	40000	38061	40267	39443	3.05	cps
Chromium	52-2	743	750	737	743	0.90	cps
Cobalt	59-2	57	33	70	53	34.80	cps
Copper	63-2	2034	1827	1944	1935	5.36	cps
Dysprosium	156-1	17	25	25	22	21.64	cps
Dysprosium	156-2	3	0	7	3	100.05	cps
Erbium	164-1	58	17	75	50	60.09	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	33	75	50	53	39.74	cps
Gadolinium	160-2	13	7	13	11	34.61	cps
Holmium	165-1	10716726	10960609	10718571	10798635	1.30	cps
Holmium	165-2	3205807	2882397	3091492	3059899	5.36	cps
Indium	115-1	9756995	9793169	9541520	9697228	1.40	cps
Indium	115-2	584812	526880	571537	561076	5.41	cps
Iron	56-2	3623	3906	3806	3778	3.80	cps
Iron	57-2	144	106	83	111	27.84	cps
Krypton	83-1	367	433	487	429	14.02	cps
Lead	206-1	622	583	633	613	4.28	cps
Lead	207-1	561	539	567	556	2.65	cps
Lead	208-1	2417	2445	2489	2450	1.49	cps
Lithium	6-1	1789212	1801245	1775027	1788495	0.73	cps
Magnesium	24-2	258	200	217	225	13.35	cps

LB Number : LB94934 Operator : Jaswal
 Lab Sample ID : CCB54 Instrumnet Name : P8
 Client Sample ID : CCB54 Dilution Factor : 1
 Date & Time Acquired :: 2018-04-26 15:52:09 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	43	23	34	29.57	cps
Molybdenum	94-1	2309	3134	3326	2923	18.49	cps
Molybdenum	95-1	2992	3976	4984	3984	25.00	cps
Molybdenum	96-1	2850	4409	5526	4262	31.54	cps
Molybdenum	97-1	1825	2225	3025	2359	25.91	cps
Molybdenum	98-1	4693	6218	7694	6202	24.20	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	40	67	58	26.65	cps
Phosphorus	31-2	0	17	50	22	114.56	cps
Potassium	39-2	3834	3942	3959	3912	1.74	cps
Rhodium	103-1	9286349	9469720	9416399	9390823	1.00	cps
Rhodium	103-2	3105864	2818501	3085569	3003311	5.34	cps
Scandium	45-1	6273575	6373811	6277889	6308425	0.90	cps
Scandium	45-2	66601	61031	65900	64511	4.70	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	6	2	5	57.32	cps
Selenium	82-1	88	-17	-9	20	284.65	cps
Silicon	28-1	392146	388266	389609	390007	0.51	cps
Silver	109-1	242	233	258	244	5.21	cps
Silver	107-1	250	275	367	297	20.67	cps
Sodium	23-2	13449	14358	14383	14063	3.79	cps
Strontium	86-1	758	758	575	697	15.18	cps
Strontium	88-1	283	333	208	275	22.88	cps
Sulfur	34-1	402981	401011	398800	400930	0.52	cps
Terbium	159-1	11132984	11345604	11233618	11237402	0.95	cps
Terbium	159-2	3168399	2900153	3141743	3070098	4.81	cps
Thallium	203-1	1142	1233	1058	1145	7.65	cps
Thallium	205-1	2642	2792	2559	2664	4.44	cps
Tin	118-1	2059	2459	2475	2331	10.12	cps
Titanium	47-1	225	308	317	283	17.89	cps
Uranium	238-1	142	217	158	172	22.87	cps
Vanadium	51-2	10	23	13	16	44.60	cps
Yttrium	89-1	10379527	10504682	10443481	10442563	0.60	cps
Yttrium	89-2	439478	401442	434686	425202	4.87	cps
Zinc	66-2	53	33	40	42	24.12	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB54	Instrumnet Name :	P8
Client Sample ID :	CCB54	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:52:09	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1784	1859	1734	1792	3.51	cps
Zirconium	91-1	442	367	317	375	16.78	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	725592	720776	730778	725715	0.69	cps
Antimony	121-1	4176	5276	5776	5076	16.13	cps
Arsenic	75-2	3015	2987	3030	3011	0.72	cps
Barium	135-1	797919	802438	794095	798151	0.52	cps
Barium	137-1	1392687	1410094	1391191	1397991	0.75	cps
Beryllium	9-1	4984	5190	5212	5129	2.45	cps
Bismuth	209-1	5567198	5613746	5562696	5581213	0.51	cps
Bismuth	209-2	2156844	2165490	2150137	2157490	0.36	cps
Boron	10-1	2851	2909	3042	2934	3.35	cps
Boron	11-1	14032	14107	13282	13807	3.31	cps
Cadmium	111-1	3209	3242	3112	3188	2.13	cps
Cadmium	106-1	3317	3359	3267	3314	1.39	cps
Cadmium	108-1	317	400	388	368	12.21	cps
Calcium	43-1	580838	587706	589737	586094	0.80	cps
Calcium	44-1	9432863	9715148	9561376	9569796	1.48	cps
Chromium	52-2	184870	182671	183232	183591	0.62	cps
Cobalt	59-2	141179	141779	140968	141309	0.30	cps
Copper	63-2	341173	338257	340447	339959	0.45	cps
Dysprosium	156-1	118997	119308	119301	119202	0.15	cps
Dysprosium	156-2	37270	36488	36942	36900	1.06	cps
Erbium	164-1	106719	108575	106384	107226	1.10	cps
Erbium	164-2	30643	30609	30573	30608	0.11	cps
Gadolinium	160-1	115097	113500	114004	114200	0.72	cps
Gadolinium	160-2	43556	43874	43703	43711	0.36	cps
Holmium	165-1	9979466	9959985	9896019	9945157	0.44	cps
Holmium	165-2	3030654	3044433	3061213	3045433	0.50	cps
Indium	115-1	8885521	8999931	9011131	8965528	0.78	cps
Indium	115-2	562340	564717	564036	563698	0.22	cps
Iron	56-2	91021305	90184510	90814235	90673350	0.48	cps
Iron	57-2	2290140	2329606	2308885	2309544	0.85	cps
Krypton	83-1	640	703	663	669	4.79	cps
Lead	206-1	854456	865456	862658	860857	0.66	cps
Lead	207-1	707795	717621	705789	710402	0.89	cps
Lead	208-1	3393109	3422898	3390667	3402225	0.53	cps
Lithium	6-1	1654114	1665049	1678136	1665766	0.72	cps
Magnesium	24-2	1163147	1164973	1148426	1158849	0.78	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1501016	1509423	1519930	1510123	0.63	cps
Molybdenum	94-1	185442	181880	181194	182839	1.25	cps
Molybdenum	95-1	7502	7936	8403	7947	5.67	cps
Molybdenum	96-1	38623	38840	39467	38977	1.12	cps
Molybdenum	97-1	4651	4809	5451	4971	8.53	cps
Molybdenum	98-1	12031	12932	13249	12737	4.96	cps
Neodymium	150-1	189293	188739	188170	188734	0.30	cps
Neodymium	150-2	37276	37062	36969	37102	0.43	cps
Nickel	60-2	96615	97689	97109	97138	0.55	cps
Phosphorus	31-2	1817	1592	1608	1672	7.50	cps
Potassium	39-2	185490	185075	185028	185198	0.14	cps
Rhodium	103-1	8661984	8692444	8760063	8704830	0.58	cps
Rhodium	103-2	2962892	2964416	2986086	2971131	0.44	cps
Scandium	45-1	6442966	6603150	6512365	6519494	1.23	cps
Scandium	45-2	72958	72053	72606	72539	0.63	cps
Selenium	77-2	220	173	210	201	12.22	cps
Selenium	78-2	135	102	131	123	14.87	cps
Selenium	82-1	286	193	226	235	20.09	cps
Silicon	28-1	11684322	11634024	15874453	13064266	18.63	cps
Silver	109-1	1784	1675	1784	1747	3.58	cps
Silver	107-1	1717	2009	2009	1911	8.81	cps
Sodium	23-2	241211	243843	244772	243275	0.76	cps
Strontium	86-1	352766	354225	356075	354355	0.47	cps
Strontium	88-1	3111495	3119795	3051541	3094277	1.20	cps
Sulfur	34-1	390403	382826	380207	384479	1.38	cps
Terbium	159-1	10535845	10553928	10248814	10446196	1.64	cps
Terbium	159-2	3078342	3009624	3038794	3042253	1.13	cps
Thallium	203-1	4409	4484	4218	4370	3.15	cps
Thallium	205-1	11164	11739	10797	11233	4.23	cps
Tin	118-1	13108	13557	16505	14390	12.82	cps
Titanium	47-1	1405237	1304455	1307821	1339171	4.27	cps
Uranium	238-1	89076	87760	87978	88271	0.80	cps
Vanadium	51-2	132960	133825	132651	133146	0.46	cps
Yttrium	89-1	11633126	11806200	11820166	11753164	0.89	cps
Yttrium	89-2	513987	514970	518112	515690	0.42	cps
Zinc	66-2	55039	54554	54316	54636	0.67	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 15:55:29	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	483383	487237	494063	488228	1.11	cps
Zirconium	91-1	111701	149335	108863	123300	18.32	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	309589	311270	306172	309010	0.84	cps
Antimony	121-1	2375	2867	3376	2873	17.41	cps
Arsenic	75-2	1302	1235	1254	1264	2.72	cps
Barium	135-1	333919	337552	334751	335407	0.57	cps
Barium	137-1	587697	587848	583105	586217	0.46	cps
Beryllium	9-1	3256	3056	2861	3058	6.45	cps
Bismuth	209-1	5579496	5614337	5634587	5609474	0.50	cps
Bismuth	209-2	2173189	2011345	2171243	2118593	4.38	cps
Boron	10-1	2634	2867	2975	2825	6.18	cps
Boron	11-1	12824	12364	13632	12940	4.96	cps
Cadmium	111-1	2231	2108	2484	2274	8.45	cps
Cadmium	106-1	2317	2017	2425	2253	9.39	cps
Cadmium	108-1	196	208	192	199	4.37	cps
Calcium	43-1	527053	537163	531864	532027	0.95	cps
Calcium	44-1	8594892	8657975	8782152	8678340	1.10	cps
Chromium	52-2	122319	120890	121407	121539	0.60	cps
Cobalt	59-2	63454	63631	63390	63492	0.20	cps
Copper	63-2	299439	297508	294982	297310	0.75	cps
Dysprosium	156-1	50541	52582	50064	51062	2.62	cps
Dysprosium	156-2	16053	15573	15907	15844	1.55	cps
Erbium	164-1	47095	49270	47162	47842	2.59	cps
Erbium	164-2	13664	13577	13764	13668	0.68	cps
Gadolinium	160-1	50240	48550	48784	49191	1.86	cps
Gadolinium	160-2	18677	19281	18827	18928	1.66	cps
Holmium	165-1	9944772	9756642	9861536	9854317	0.96	cps
Holmium	165-2	3023519	2797050	3025983	2948850	4.46	cps
Indium	115-1	9103347	8936590	8903929	8981289	1.19	cps
Indium	115-2	570158	528464	573106	557243	4.48	cps
Iron	56-2	43136175	42690913	42500659	42775916	0.76	cps
Iron	57-2	1079622	1070396	1062436	1070818	0.80	cps
Krypton	83-1	437	497	570	501	13.33	cps
Lead	206-1	721908	717769	710578	716752	0.80	cps
Lead	207-1	587881	586637	584504	586341	0.29	cps
Lead	208-1	2771046	2771159	2757158	2766454	0.29	cps
Lithium	6-1	1651708	1671259	1682206	1668391	0.93	cps
Magnesium	24-2	509774	506284	505517	507191	0.45	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	648170	642653	642183	644335	0.52	cps
Molybdenum	94-1	78050	78310	78419	78259	0.24	cps
Molybdenum	95-1	2917	3559	3867	3448	14.06	cps
Molybdenum	96-1	16452	16394	17879	16909	4.98	cps
Molybdenum	97-1	1900	2159	2434	2164	12.33	cps
Molybdenum	98-1	4885	5235	5793	5304	8.64	cps
Neodymium	150-1	81010	81271	79366	80549	1.28	cps
Neodymium	150-2	15877	16087	16061	16008	0.72	cps
Nickel	60-2	47193	47702	47207	47367	0.61	cps
Phosphorus	31-2	1042	1133	933	1036	9.66	cps
Potassium	39-2	116908	118504	117868	117760	0.68	cps
Rhodium	103-1	8670998	8737338	8705536	8704624	0.38	cps
Rhodium	103-2	3015772	2769671	3019172	2934872	4.88	cps
Scandium	45-1	6436159	6487822	6364998	6429660	0.96	cps
Scandium	45-2	71551	66067	70911	69510	4.31	cps
Selenium	77-2	60	110	93	88	29.00	cps
Selenium	78-2	61	46	50	52	14.69	cps
Selenium	82-1	256	156	40	151	71.74	cps
Silicon	28-1	6406969	5908770	7640032	6651924	13.40	cps
Silver	109-1	3884	3992	3567	3815	5.79	cps
Silver	107-1	4159	4351	3842	4117	6.24	cps
Sodium	23-2	539350	541348	532479	537726	0.87	cps
Strontium	86-1	603229	608332	612435	607999	0.76	cps
Strontium	88-1	5187120	5335932	5233155	5252069	1.45	cps
Sulfur	34-1	366468	368092	365569	366710	0.35	cps
Terbium	159-1	10257284	10485765	10314954	10352667	1.15	cps
Terbium	159-2	3003755	2835057	3024010	2954274	3.51	cps
Thallium	203-1	2400	2684	2234	2439	9.33	cps
Thallium	205-1	6027	5877	6060	5988	1.63	cps
Tin	118-1	18826	17804	17370	18000	4.15	cps
Titanium	47-1	517022	528861	530126	525336	1.38	cps
Uranium	238-1	24133	24701	25193	24675	2.15	cps
Vanadium	51-2	62951	62465	61468	62295	1.21	cps
Yttrium	89-1	10685969	10754954	10867036	10769320	0.85	cps
Yttrium	89-2	474317	440080	476546	463647	4.41	cps
Zinc	66-2	54714	54758	53961	54478	0.82	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 15:58:44	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	213696	215711	212825	214077	0.69	cps
Zirconium	91-1	46858	47241	48634	47578	1.96	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	304979	301132	296765	300959	1.37	cps
Antimony	121-1	1875	2275	2467	2206	13.69	cps
Arsenic	75-2	1307	1259	1333	1300	2.89	cps
Barium	135-1	329573	332261	330436	330757	0.41	cps
Barium	137-1	567839	571358	576346	571848	0.75	cps
Beryllium	9-1	2717	2956	2961	2878	4.85	cps
Bismuth	209-1	5557722	5539882	5515840	5537815	0.38	cps
Bismuth	209-2	2184946	2148155	2152742	2161948	0.93	cps
Boron	10-1	2609	2884	3009	2834	7.23	cps
Boron	11-1	12131	12456	12698	12428	2.29	cps
Cadmium	111-1	2294	2222	2240	2252	1.65	cps
Cadmium	106-1	2475	2325	2300	2367	4.00	cps
Cadmium	108-1	258	217	225	233	9.45	cps
Calcium	43-1	525826	529016	527043	527295	0.31	cps
Calcium	44-1	8505623	8537505	8579878	8541002	0.44	cps
Chromium	52-2	121138	120291	119239	120223	0.79	cps
Cobalt	59-2	62429	62101	62064	62198	0.32	cps
Copper	63-2	297441	293192	294296	294976	0.75	cps
Dysprosium	156-1	49386	49821	50239	49815	0.86	cps
Dysprosium	156-2	15920	15903	15656	15826	0.93	cps
Erbium	164-1	47229	47639	46852	47240	0.83	cps
Erbium	164-2	13611	13701	13484	13598	0.80	cps
Gadolinium	160-1	49428	49320	48792	49180	0.69	cps
Gadolinium	160-2	18614	18907	18537	18686	1.05	cps
Holmium	165-1	9868015	9800360	9558878	9742417	1.67	cps
Holmium	165-2	3021569	2995984	2979932	2999162	0.70	cps
Indium	115-1	8873726	8796211	8787062	8819000	0.54	cps
Indium	115-2	560284	557630	560212	559375	0.27	cps
Iron	56-2	42395498	42033305	41834009	42087604	0.68	cps
Iron	57-2	1060612	1050202	1045688	1052167	0.73	cps
Krypton	83-1	523	503	540	522	3.52	cps
Lead	206-1	707144	699530	708383	705019	0.68	cps
Lead	207-1	578341	576641	576491	577158	0.18	cps
Lead	208-1	2715695	2728545	2726232	2723491	0.25	cps
Lithium	6-1	1683952	1660420	1659702	1668024	0.83	cps
Magnesium	24-2	504665	500480	503342	502829	0.43	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	636146	630459	627011	631205	0.73	cps
Molybdenum	94-1	75267	77460	76936	76554	1.50	cps
Molybdenum	95-1	2792	2975	3434	3067	10.78	cps
Molybdenum	96-1	16386	16227	16102	16238	0.88	cps
Molybdenum	97-1	2109	1950	2117	2059	4.56	cps
Molybdenum	98-1	4701	4826	5226	4918	5.58	cps
Neodymium	150-1	79434	79292	81559	80095	1.59	cps
Neodymium	150-2	15609	15426	15132	15389	1.56	cps
Nickel	60-2	45912	45885	46354	46050	0.57	cps
Phosphorus	31-2	1042	792	1000	945	14.18	cps
Potassium	39-2	115808	115540	111935	114428	1.89	cps
Rhodium	103-1	8746080	8635600	8540550	8640744	1.19	cps
Rhodium	103-2	2931010	2959928	2944184	2945041	0.49	cps
Scandium	45-1	6418449	6395962	6342058	6385490	0.61	cps
Scandium	45-2	70328	69551	69451	69777	0.69	cps
Selenium	77-2	60	97	113	90	30.32	cps
Selenium	78-2	52	57	35	48	24.01	cps
Selenium	82-1	98	162	96	119	31.85	cps
Silicon	28-1	6122292	5735365	5873926	5910528	3.32	cps
Silver	109-1	3767	3867	3692	3776	2.33	cps
Silver	107-1	3926	4326	4309	4187	5.41	cps
Sodium	23-2	530148	529520	530139	529936	0.07	cps
Strontium	86-1	595921	603716	595741	598459	0.76	cps
Strontium	88-1	5169467	5205476	5198441	5191128	0.37	cps
Sulfur	34-1	369828	366132	367008	367656	0.53	cps
Terbium	159-1	10212021	10237804	10131725	10193850	0.54	cps
Terbium	159-2	3001363	2950276	3002060	2984566	1.00	cps
Thallium	203-1	2317	2542	2342	2400	5.14	cps
Thallium	205-1	5685	5777	5543	5668	2.07	cps
Tin	118-1	17370	17337	17446	17384	0.32	cps
Titanium	47-1	514167	514429	527337	518644	1.45	cps
Uranium	238-1	24834	24492	24851	24726	0.82	cps
Vanadium	51-2	60714	61615	61324	61218	0.75	cps
Yttrium	89-1	10538358	10681313	10561110	10593594	0.73	cps
Yttrium	89-2	465769	465394	463937	465033	0.21	cps
Zinc	66-2	54557	54246	54467	54423	0.29	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01DUPDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)DUPDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:02:03	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	203966	213810	205811	207862	2.52	cps
Zirconium	91-1	45452	45887	46482	45940	1.12	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	62313	60070	60254	60879	2.05	cps
Antimony	121-1	1208	1308	1433	1317	8.56	cps
Arsenic	75-2	244	280	270	265	6.89	cps
Barium	135-1	65012	64542	65934	65163	1.09	cps
Barium	137-1	113292	110643	113924	112619	1.55	cps
Beryllium	9-1	633	667	700	667	5.00	cps
Bismuth	209-1	5470921	5514103	5544478	5509834	0.67	cps
Bismuth	209-2	2135091	2162781	2126914	2141595	0.88	cps
Boron	10-1	1150	1200	1183	1178	2.16	cps
Boron	11-1	5943	5585	5768	5765	3.11	cps
Cadmium	111-1	1338	1326	1468	1377	5.72	cps
Cadmium	106-1	1625	1634	1975	1745	11.45	cps
Cadmium	108-1	58	38	63	53	25.38	cps
Calcium	43-1	104891	104143	104806	104613	0.39	cps
Calcium	44-1	1789543	1762448	1795444	1782478	0.99	cps
Chromium	52-2	24398	24862	24772	24677	1.00	cps
Cobalt	59-2	12346	12162	12599	12369	1.77	cps
Copper	63-2	60900	59882	59175	59986	1.44	cps
Dysprosium	156-1	10063	9779	10605	10149	4.13	cps
Dysprosium	156-2	2974	3027	3080	3027	1.76	cps
Erbium	164-1	9495	8778	9195	9156	3.93	cps
Erbium	164-2	2664	2650	2720	2678	1.39	cps
Gadolinium	160-1	9496	9162	9546	9401	2.22	cps
Gadolinium	160-2	3914	3901	3667	3827	3.63	cps
Holmium	165-1	9498590	9579536	9623410	9567179	0.66	cps
Holmium	165-2	2940053	2937555	2936412	2938007	0.06	cps
Indium	115-1	8739552	8748135	8774386	8754024	0.21	cps
Indium	115-2	562140	553883	553929	556650	0.85	cps
Iron	56-2	8414751	8406863	8326530	8382715	0.58	cps
Iron	57-2	209570	209335	206822	208575	0.73	cps
Krypton	83-1	457	490	483	477	3.70	cps
Lead	206-1	135577	136105	141312	137665	2.30	cps
Lead	207-1	110236	112378	114923	112512	2.09	cps
Lead	208-1	526462	530118	541648	532742	1.49	cps
Lithium	6-1	1631598	1624226	1646825	1634216	0.71	cps
Magnesium	24-2	101679	97080	99565	99441	2.31	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	125040	123444	124849	124444	0.70	cps
Molybdenum	94-1	15276	16119	15893	15763	2.77	cps
Molybdenum	95-1	1008	950	1292	1083	16.87	cps
Molybdenum	96-1	3951	3401	3717	3690	7.48	cps
Molybdenum	97-1	658	642	950	750	23.12	cps
Molybdenum	98-1	1333	1650	1900	1628	17.45	cps
Neodymium	150-1	15623	15176	16217	15672	3.33	cps
Neodymium	150-2	3157	3054	2930	3047	3.73	cps
Nickel	60-2	9063	9267	9220	9183	1.16	cps
Phosphorus	31-2	233	183	233	217	13.32	cps
Potassium	39-2	27253	25883	25933	26356	2.95	cps
Rhodium	103-1	8657413	8647927	8566451	8623931	0.58	cps
Rhodium	103-2	2972005	2958361	2962422	2964263	0.24	cps
Scandium	45-1	6154117	6166380	6153807	6158101	0.12	cps
Scandium	45-2	67709	65807	67699	67071	1.63	cps
Selenium	77-2	10	23	30	21	48.24	cps
Selenium	78-2	11	13	7	10	26.93	cps
Selenium	82-1	31	-30	-27	-8	-408.02	cps
Silicon	28-1	1170332	1591386	2204318	1655345	31.41	cps
Silver	109-1	825	842	1017	895	11.87	cps
Silver	107-1	867	1100	1025	997	11.95	cps
Sodium	23-2	116214	115701	116307	116074	0.28	cps
Strontium	86-1	118359	117241	119259	118286	0.85	cps
Strontium	88-1	1016592	1011968	1010173	1012911	0.33	cps
Sulfur	34-1	338713	337925	340571	339069	0.40	cps
Terbium	159-1	10036338	10031399	10258142	10108626	1.28	cps
Terbium	159-2	2949955	2947530	2955758	2951081	0.14	cps
Thallium	203-1	808	833	775	806	3.63	cps
Thallium	205-1	1967	2109	2300	2125	7.87	cps
Tin	118-1	3934	4068	4493	4165	7.00	cps
Titanium	47-1	101165	103292	104826	103094	1.78	cps
Uranium	238-1	4401	4910	4876	4729	6.02	cps
Vanadium	51-2	12412	12052	11785	12083	2.61	cps
Yttrium	89-1	9960518	9942898	9906092	9936502	0.28	cps
Yttrium	89-2	443417	436354	434371	438047	1.09	cps
Zinc	66-2	11191	11155	10541	10962	3.33	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01LDLX10	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)LDL	Dilution Factor :	10
Date & Time Acquired ::	2018-04-26 16:05:20	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	44396	40904	42042	42448	4.20	cps
Zirconium	91-1	8712	8962	8445	8706	2.97	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	362913	362583	360113	361870	0.42	cps
Antimony	121-1	1111929	1101231	1113964	1109042	0.62	cps
Arsenic	75-2	34129	33903	33873	33968	0.41	cps
Barium	135-1	2550351	2536539	2561698	2549529	0.49	cps
Barium	137-1	4336178	4359174	4363184	4352845	0.33	cps
Beryllium	9-1	322919	325009	327604	325177	0.72	cps
Bismuth	209-1	5505042	5488501	5611490	5535011	1.21	cps
Bismuth	209-2	2091902	2091833	2160027	2114587	1.86	cps
Boron	10-1	36021	38068	38987	37692	4.03	cps
Boron	11-1	178244	183417	188050	183237	2.68	cps
Cadmium	111-1	463658	465678	466115	465150	0.28	cps
Cadmium	106-1	49266	48212	49701	49060	1.56	cps
Cadmium	108-1	32719	32773	34427	33307	2.92	cps
Calcium	43-1	1101521	1114311	1112589	1109473	0.63	cps
Calcium	44-1	17976786	18059585	18023163	18019845	0.23	cps
Chromium	52-2	408031	404500	407927	406820	0.49	cps
Cobalt	59-2	662328	658078	660818	660408	0.33	cps
Copper	63-2	1298022	1305759	1300539	1301440	0.30	cps
Dysprosium	156-1	50775	51537	50532	50948	1.03	cps
Dysprosium	156-2	15883	15723	15893	15833	0.60	cps
Erbium	164-1	51294	50557	50600	50817	0.81	cps
Erbium	164-2	14425	14128	14238	14264	1.05	cps
Gadolinium	160-1	50508	50098	50432	50346	0.43	cps
Gadolinium	160-2	18961	19194	19291	19149	0.89	cps
Holmium	165-1	9804772	9873627	9644758	9774385	1.20	cps
Holmium	165-2	3006693	2954873	3010222	2990596	1.04	cps
Indium	115-1	8662344	8680399	8711215	8684653	0.28	cps
Indium	115-2	542462	542793	546690	543982	0.43	cps
Iron	56-2	52289808	51274530	51419158	51661166	1.06	cps
Iron	57-2	1309684	1295228	1295446	1300120	0.64	cps
Krypton	83-1	497	523	490	503	3.50	cps
Lead	206-1	2059241	2055181	2079725	2064716	0.64	cps
Lead	207-1	1805641	1813075	1798201	1805639	0.41	cps
Lead	208-1	8301192	8293742	8321644	8305526	0.17	cps
Lithium	6-1	1660318	1664985	1665798	1663700	0.18	cps
Magnesium	24-2	1646973	1636316	1626073	1636454	0.64	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	782204	775684	780717	779535	0.44	cps
Molybdenum	94-1	3738982	3780299	3764133	3761138	0.55	cps
Molybdenum	95-1	4571687	4535998	4600286	4569324	0.70	cps
Molybdenum	96-1	4975506	5042273	5109207	5042329	1.33	cps
Molybdenum	97-1	2883916	2856438	2904460	2881605	0.84	cps
Molybdenum	98-1	7201386	7160491	7269399	7210426	0.76	cps
Neodymium	150-1	82659	82036	81861	82185	0.51	cps
Neodymium	150-2	15973	15843	15433	15750	1.79	cps
Nickel	60-2	227236	227283	224304	226274	0.75	cps
Phosphorus	31-2	1150	1008	1042	1067	6.95	cps
Potassium	39-2	446959	434402	438590	439983	1.45	cps
Rhodium	103-1	8470594	8440993	8494577	8468721	0.32	cps
Rhodium	103-2	2908796	2866606	2891538	2888980	0.73	cps
Scandium	45-1	6160547	6136558	6259381	6185495	1.05	cps
Scandium	45-2	67193	67364	67371	67309	0.15	cps
Selenium	77-2	340	383	327	350	8.47	cps
Selenium	78-2	920	913	932	922	1.01	cps
Selenium	82-1	30058	30476	30210	30248	0.70	cps
Silicon	28-1	9467376	8015230	7847067	8443224	10.55	cps
Silver	109-1	207392	242477	208850	219573	9.04	cps
Silver	107-1	214916	220973	217487	217792	1.40	cps
Sodium	23-2	3036174	2988878	3009021	3011358	0.79	cps
Strontium	86-1	1312391	1317377	1332660	1320809	0.80	cps
Strontium	88-1	11255729	11697156	11548977	11500621	1.95	cps
Sulfur	34-1	385741	383662	385161	384855	0.28	cps
Terbium	159-1	10290612	10332168	10294495	10305759	0.22	cps
Terbium	159-2	2971406	2960498	3011762	2981222	0.91	cps
Thallium	203-1	1387371	1382138	1385584	1385031	0.19	cps
Thallium	205-1	3341919	3352122	3371095	3355045	0.44	cps
Tin	118-1	1468468	1461243	1474441	1468051	0.45	cps
Titanium	47-1	2002531	1982805	2000377	1995238	0.54	cps
Uranium	238-1	4116996	4129776	4193822	4146865	0.99	cps
Vanadium	51-2	291430	289149	289201	289927	0.45	cps
Yttrium	89-1	10623430	10475880	10436330	10511880	0.94	cps
Yttrium	89-2	454460	449126	452477	452021	0.60	cps
Zinc	66-2	136786	135905	136433	136375	0.33	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:08:38	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3193644	3184115	3238758	3205505	0.91	cps
Zirconium	91-1	690898	703257	705464	699873	1.12	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363912	365926	366973	365604	0.43	cps
Antimony	121-1	1256627	1268515	1273227	1266123	0.68	cps
Arsenic	75-2	36298	36145	36273	36239	0.23	cps
Barium	135-1	2618739	2662096	2689539	2656791	1.34	cps
Barium	137-1	4654319	4588840	4640404	4627854	0.75	cps
Beryllium	9-1	344358	345805	347396	345853	0.44	cps
Bismuth	209-1	5690446	5608784	5654636	5651289	0.72	cps
Bismuth	209-2	2117677	2109027	2122308	2116337	0.32	cps
Boron	10-1	39530	40483	41444	40486	2.36	cps
Boron	11-1	195869	200172	206017	200686	2.54	cps
Cadmium	111-1	499719	493385	502695	498600	0.95	cps
Cadmium	106-1	53013	52135	54955	53368	2.70	cps
Cadmium	108-1	34607	35113	35693	35138	1.55	cps
Calcium	43-1	1204219	1227590	1204985	1212265	1.10	cps
Calcium	44-1	19533465	19666637	19523271	19574458	0.41	cps
Chromium	52-2	444422	441686	440330	442146	0.47	cps
Cobalt	59-2	697914	690618	698261	695598	0.62	cps
Copper	63-2	1338964	1337175	1341934	1339358	0.18	cps
Dysprosium	156-1	50273	52122	51553	51316	1.84	cps
Dysprosium	156-2	15993	15569	16033	15865	1.62	cps
Erbium	164-1	49997	49654	51320	50324	1.75	cps
Erbium	164-2	14265	14151	14188	14201	0.41	cps
Gadolinium	160-1	50423	49612	49720	49919	0.88	cps
Gadolinium	160-2	19101	18363	19168	18877	2.37	cps
Holmium	165-1	9965175	9826786	9914545	9902169	0.71	cps
Holmium	165-2	2976303	2967341	2973547	2972397	0.15	cps
Indium	115-1	8765854	8662684	8770563	8733033	0.70	cps
Indium	115-2	539070	537895	539295	538753	0.14	cps
Iron	56-2	50141096	49651219	50150082	49980799	0.57	cps
Iron	57-2	1247414	1246856	1245650	1246640	0.07	cps
Krypton	83-1	453	520	520	498	7.73	cps
Lead	206-1	1941637	1947311	1940338	1943095	0.19	cps
Lead	207-1	1723704	1729822	1749604	1734377	0.78	cps
Lead	208-1	7933699	7859278	7974307	7922428	0.74	cps
Lithium	6-1	1647282	1666814	1693585	1669227	1.39	cps
Magnesium	24-2	1691746	1693798	1687465	1691003	0.19	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	824427	825885	825350	825221	0.09	cps
Molybdenum	94-1	4000650	3976221	4058698	4011856	1.06	cps
Molybdenum	95-1	4866735	4906556	4966024	4913105	1.02	cps
Molybdenum	96-1	5378312	5415248	5422010	5405190	0.44	cps
Molybdenum	97-1	3102572	3042594	3127564	3090910	1.41	cps
Molybdenum	98-1	7717859	7752816	7858468	7776381	0.94	cps
Neodymium	150-1	79441	79145	79977	79521	0.53	cps
Neodymium	150-2	15319	15473	15503	15431	0.64	cps
Nickel	60-2	240367	236529	241000	239299	1.01	cps
Phosphorus	31-2	1158	958	1050	1056	9.48	cps
Potassium	39-2	451271	453955	454005	453077	0.35	cps
Rhodium	103-1	8434390	8461003	8700085	8531826	1.72	cps
Rhodium	103-2	2883331	2848454	2829683	2853822	0.95	cps
Scandium	45-1	6162091	6255252	6224229	6213857	0.76	cps
Scandium	45-2	67183	67029	67424	67212	0.30	cps
Selenium	77-2	410	317	400	376	13.64	cps
Selenium	78-2	1020	989	924	978	5.02	cps
Selenium	82-1	31813	32340	32247	32133	0.88	cps
Silicon	28-1	10341410	9218959	10498374	10019581	6.96	cps
Silver	109-1	504226	252146	218731	325034	48.02	cps
Silver	107-1	222917	225265	229979	226054	1.59	cps
Sodium	23-2	3190145	3205663	3161796	3185868	0.70	cps
Strontium	86-1	1348816	1353622	1364238	1355559	0.58	cps
Strontium	88-1	11565596	11663777	11766484	11665286	0.86	cps
Sulfur	34-1	376890	378670	380205	378588	0.44	cps
Terbium	159-1	10315790	10334775	10543050	10397872	1.21	cps
Terbium	159-2	3000754	2969313	2931815	2967294	1.16	cps
Thallium	203-1	1482081	1478115	1494574	1484923	0.58	cps
Thallium	205-1	3609144	3578374	3626442	3604654	0.68	cps
Tin	118-1	1565269	1558549	1594071	1572629	1.20	cps
Titanium	47-1	2211797	2211780	2183104	2202227	0.75	cps
Uranium	238-1	4523794	4485069	4544379	4517747	0.67	cps
Vanadium	51-2	293482	293482	290205	292390	0.65	cps
Yttrium	89-1	10593419	10549620	10563338	10568792	0.21	cps
Yttrium	89-2	454444	452142	451615	452734	0.33	cps
Zinc	66-2	138971	140186	140345	139834	0.54	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01MSDDLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)MSDDL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:11:51	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3388432	3384669	3439947	3404349	0.91	cps
Zirconium	91-1	739763	733461	752161	741795	1.28	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	365130	364110	368686	365975	0.66	cps
Antimony	121-1	1186698	1171393	1189311	1182467	0.82	cps
Arsenic	75-2	35286	35293	35521	35367	0.38	cps
Barium	135-1	2592993	2598693	2619016	2603568	0.53	cps
Barium	137-1	4443926	4426203	4513180	4461103	1.03	cps
Beryllium	9-1	333805	330013	333670	332496	0.65	cps
Bismuth	209-1	5572597	5601802	5671980	5615460	0.91	cps
Bismuth	209-2	2141132	2149568	2173431	2154710	0.78	cps
Boron	10-1	39305	39447	40625	39792	1.82	cps
Boron	11-1	189874	195330	195661	193622	1.68	cps
Cadmium	111-1	477847	481172	483793	480938	0.62	cps
Cadmium	106-1	50990	51926	51056	51324	1.02	cps
Cadmium	108-1	34156	33304	33935	33798	1.31	cps
Calcium	43-1	1147551	1148521	1146430	1147501	0.09	cps
Calcium	44-1	18726942	18354614	18804904	18628820	1.29	cps
Chromium	52-2	423720	424130	430354	426068	0.87	cps
Cobalt	59-2	679666	675290	683090	679349	0.58	cps
Copper	63-2	1335112	1337730	1323502	1332115	0.57	cps
Dysprosium	156-1	52230	52331	52130	52230	0.19	cps
Dysprosium	156-2	15573	16267	15913	15918	2.18	cps
Erbium	164-1	50098	50482	50617	50399	0.53	cps
Erbium	164-2	14742	14682	14325	14583	1.55	cps
Gadolinium	160-1	49696	51285	51370	50784	1.86	cps
Gadolinium	160-2	19592	19178	18964	19244	1.66	cps
Holmium	165-1	9755420	9818141	9973521	9849027	1.14	cps
Holmium	165-2	2997653	2965795	3016282	2993244	0.85	cps
Indium	115-1	8815274	8679379	8790424	8761692	0.83	cps
Indium	115-2	543549	543101	545238	543962	0.21	cps
Iron	56-2	51002394	51397312	51252066	51217258	0.39	cps
Iron	57-2	1280891	1289777	1294479	1288383	0.54	cps
Krypton	83-1	450	510	603	521	14.83	cps
Lead	206-1	2016910	2038750	2048072	2034577	0.79	cps
Lead	207-1	1782281	1769387	1810382	1787350	1.17	cps
Lead	208-1	8053510	8107576	8290654	8150580	1.52	cps
Lithium	6-1	1649631	1659981	1628163	1645925	0.99	cps
Magnesium	24-2	1643006	1665914	1671778	1660233	0.92	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	802891	803543	808747	805060	0.40	cps
Molybdenum	94-1	3867502	3864111	3898460	3876691	0.49	cps
Molybdenum	95-1	4749332	4770883	4774181	4764799	0.28	cps
Molybdenum	96-1	5277906	5253774	5304469	5278716	0.48	cps
Molybdenum	97-1	3027587	2999485	3013303	3013458	0.47	cps
Molybdenum	98-1	7475518	7551389	7528705	7518537	0.52	cps
Neodymium	150-1	81398	81459	83914	82257	1.74	cps
Neodymium	150-2	15653	16053	15876	15861	1.27	cps
Nickel	60-2	233938	231214	233681	232944	0.65	cps
Phosphorus	31-2	967	1067	1167	1067	9.38	cps
Potassium	39-2	444549	444464	447790	445601	0.43	cps
Rhodium	103-1	8518014	8513738	8548496	8526749	0.22	cps
Rhodium	103-2	2924028	2944334	2893372	2920578	0.88	cps
Scandium	45-1	6232689	6258315	6296624	6262543	0.51	cps
Scandium	45-2	67578	67853	68010	67814	0.32	cps
Selenium	77-2	353	337	360	350	3.43	cps
Selenium	78-2	943	967	1002	970	3.07	cps
Selenium	82-1	30910	31135	31517	31187	0.98	cps
Silicon	28-1	12094529	9397970	9683698	10392066	14.25	cps
Silver	109-1	215984	210771	216722	214492	1.51	cps
Silver	107-1	224705	226849	226816	226123	0.54	cps
Sodium	23-2	3088364	3050170	3101328	3079954	0.86	cps
Strontium	86-1	1336332	1350819	1349269	1345473	0.59	cps
Strontium	88-1	11565285	11661359	11606583	11611075	0.42	cps
Sulfur	34-1	377978	375488	372479	375315	0.73	cps
Terbium	159-1	10303042	10455406	10413212	10390553	0.76	cps
Terbium	159-2	2981994	2991385	2949412	2974263	0.74	cps
Thallium	203-1	1428418	1431020	1459402	1439613	1.19	cps
Thallium	205-1	3442639	3474176	3523955	3480257	1.18	cps
Tin	118-1	1532224	1484816	1499947	1505662	1.61	cps
Titanium	47-1	2071377	2073319	2069916	2071537	0.08	cps
Uranium	238-1	4304341	4307253	4360864	4324152	0.74	cps
Vanadium	51-2	293582	289891	293158	292211	0.69	cps
Yttrium	89-1	10486775	10572916	10551324	10537005	0.43	cps
Yttrium	89-2	459569	455391	458017	457659	0.46	cps
Zinc	66-2	137776	136665	138607	137683	0.71	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-01ADLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(0-5)ADL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:15:04	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3273467	3286557	3348034	3302686	1.21	cps
Zirconium	91-1	714375	717094	727794	719754	0.99	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	269183	267728	267483	268131	0.34	cps
Antimony	121-1	767	1083	1075	975	18.51	cps
Arsenic	75-2	1317	1287	1211	1272	4.28	cps
Barium	135-1	534923	530305	529157	531462	0.57	cps
Barium	137-1	922042	931503	913153	922232	1.00	cps
Beryllium	9-1	2523	2345	2489	2452	3.85	cps
Bismuth	209-1	5454121	5531021	5562838	5515994	1.01	cps
Bismuth	209-2	1918616	2127837	2139164	2061872	6.02	cps
Boron	10-1	3401	3509	2800	3237	11.79	cps
Boron	11-1	16418	16001	14716	15712	5.65	cps
Cadmium	111-1	2342	2293	2078	2237	6.26	cps
Cadmium	106-1	2409	2342	1942	2231	11.32	cps
Cadmium	108-1	171	150	188	169	11.09	cps
Calcium	43-1	219728	220975	220580	220428	0.29	cps
Calcium	44-1	3643267	3619912	3613731	3625637	0.43	cps
Chromium	52-2	72098	73210	72748	72685	0.77	cps
Cobalt	59-2	78908	79032	79757	79232	0.58	cps
Copper	63-2	331706	332498	334634	332946	0.45	cps
Dysprosium	156-1	48935	48701	47504	48380	1.59	cps
Dysprosium	156-2	15389	15266	15346	15334	0.41	cps
Erbium	164-1	43273	43465	42889	43209	0.68	cps
Erbium	164-2	12556	12276	12449	12427	1.14	cps
Gadolinium	160-1	47747	47061	48082	47630	1.09	cps
Gadolinium	160-2	18547	17696	18250	18164	2.38	cps
Holmium	165-1	9600562	9766255	9822086	9729634	1.18	cps
Holmium	165-2	2649812	2957382	2959264	2855486	6.24	cps
Indium	115-1	8868826	8756669	8828653	8818049	0.64	cps
Indium	115-2	492911	548927	547261	529699	6.02	cps
Iron	56-2	33737874	33937770	33459615	33711753	0.71	cps
Iron	57-2	841411	841430	834691	839177	0.46	cps
Krypton	83-1	543	540	563	549	2.30	cps
Lead	206-1	140756	139083	139892	139910	0.60	cps
Lead	207-1	115443	116065	115219	115576	0.38	cps
Lead	208-1	539095	542918	541977	541330	0.37	cps
Lithium	6-1	1651073	1633306	1649714	1644697	0.60	cps
Magnesium	24-2	585814	588155	582070	585346	0.52	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	852010	846515	847468	848664	0.35	cps
Molybdenum	94-1	53545	51884	54719	53382	2.67	cps
Molybdenum	95-1	7461	8720	9354	8511	11.32	cps
Molybdenum	96-1	16244	16995	17328	16856	3.30	cps
Molybdenum	97-1	4801	5310	5902	5337	10.32	cps
Molybdenum	98-1	12014	13899	14100	13338	8.63	cps
Neodymium	150-1	77623	75699	78347	77223	1.77	cps
Neodymium	150-2	14435	14859	14442	14578	1.67	cps
Nickel	60-2	58596	59045	58907	58849	0.39	cps
Phosphorus	31-2	875	858	933	889	4.43	cps
Potassium	39-2	112623	113252	111481	112452	0.80	cps
Rhodium	103-1	8563024	8560487	8571158	8564890	0.07	cps
Rhodium	103-2	2634981	2910608	2899959	2815183	5.55	cps
Scandium	45-1	6303582	6204344	6259390	6255772	0.79	cps
Scandium	45-2	60529	67890	67511	65310	6.35	cps
Selenium	77-2	103	83	130	106	22.18	cps
Selenium	78-2	61	56	56	57	5.58	cps
Selenium	82-1	30	106	12	49	101.57	cps
Silicon	28-1	6258600	4210183	4405666	4958150	22.80	cps
Silver	109-1	792	858	867	839	4.90	cps
Silver	107-1	908	958	1175	1014	13.98	cps
Sodium	23-2	409997	411617	414207	411941	0.52	cps
Strontium	86-1	172123	176140	175229	174497	1.21	cps
Strontium	88-1	1538979	1542793	1546418	1542730	0.24	cps
Sulfur	34-1	353530	354646	353129	353768	0.22	cps
Terbium	159-1	10118669	10175305	10274333	10189436	0.77	cps
Terbium	159-2	2682240	2929977	2923122	2845113	4.96	cps
Thallium	203-1	3776	4176	3659	3870	7.00	cps
Thallium	205-1	9838	9279	9087	9401	4.15	cps
Tin	118-1	6077	5968	5877	5974	1.68	cps
Titanium	47-1	582894	583298	572388	579527	1.07	cps
Uranium	238-1	32059	32352	32535	32315	0.74	cps
Vanadium	51-2	53124	52133	52023	52427	1.16	cps
Yttrium	89-1	10520292	10633810	10686840	10613647	0.80	cps
Yttrium	89-2	413363	457990	457761	443038	5.80	cps
Zinc	66-2	22442	22368	22235	22348	0.47	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-02DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-F-4A(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:18:16	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	133146	135244	131582	133324	1.38	cps
Zirconium	91-1	30335	29275	29283	29631	2.06	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	340590	337514	332952	337019	1.14	cps
Antimony	121-1	1067	1317	1517	1300	17.34	cps
Arsenic	75-2	1676	1656	1595	1642	2.58	cps
Barium	135-1	446919	451533	456101	451518	1.02	cps
Barium	137-1	770711	786347	774209	777089	1.06	cps
Beryllium	9-1	2873	2661	2967	2834	5.52	cps
Bismuth	209-1	5566193	5549913	5607378	5574495	0.53	cps
Bismuth	209-2	2128859	2116566	2105918	2117114	0.54	cps
Boron	10-1	2025	2442	2059	2175	10.65	cps
Boron	11-1	10279	11046	10796	10707	3.65	cps
Cadmium	111-1	1971	2319	2357	2216	9.60	cps
Cadmium	106-1	2209	2534	2592	2445	8.45	cps
Cadmium	108-1	238	250	213	233	8.18	cps
Calcium	43-1	1098962	1107328	1094563	1100284	0.59	cps
Calcium	44-1	17839704	17914859	18020146	17924903	0.51	cps
Chromium	52-2	102179	103523	101696	102466	0.92	cps
Cobalt	59-2	71271	70718	69429	70473	1.34	cps
Copper	63-2	212567	210097	209460	210708	0.78	cps
Dysprosium	156-1	58483	59335	58632	58817	0.77	cps
Dysprosium	156-2	18891	18640	18510	18680	1.04	cps
Erbium	164-1	56390	55687	55971	56016	0.63	cps
Erbium	164-2	15817	15426	15550	15597	1.28	cps
Gadolinium	160-1	59152	56323	57528	57668	2.46	cps
Gadolinium	160-2	22072	22637	21912	22207	1.71	cps
Holmium	165-1	9605707	9782746	9734283	9707579	0.94	cps
Holmium	165-2	2962401	2956061	2960250	2959571	0.11	cps
Indium	115-1	8782088	8776436	8669116	8742547	0.73	cps
Indium	115-2	551421	550971	547679	550024	0.37	cps
Iron	56-2	45301898	45384389	45207516	45297934	0.20	cps
Iron	57-2	1132815	1137875	1128172	1132954	0.43	cps
Krypton	83-1	533	550	587	557	4.90	cps
Lead	206-1	607472	605478	611734	608228	0.53	cps
Lead	207-1	498215	507239	509741	505065	1.20	cps
Lead	208-1	2354277	2376379	2389928	2373528	0.76	cps
Lithium	6-1	1622918	1641554	1658934	1641135	1.10	cps
Magnesium	24-2	799372	798905	791461	796579	0.56	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	883023	884355	876779	881386	0.46	cps
Molybdenum	94-1	100420	103124	108545	104030	3.98	cps
Molybdenum	95-1	6802	6944	7811	7186	7.60	cps
Molybdenum	96-1	24281	24815	25862	24986	3.22	cps
Molybdenum	97-1	4376	4751	4784	4637	4.89	cps
Molybdenum	98-1	11088	11389	11847	11441	3.34	cps
Neodymium	150-1	89310	90383	89591	89761	0.62	cps
Neodymium	150-2	18517	17599	18053	18056	2.54	cps
Nickel	60-2	51070	49652	49471	50064	1.75	cps
Phosphorus	31-2	1067	800	858	908	15.43	cps
Potassium	39-2	109862	108814	107451	108709	1.11	cps
Rhodium	103-1	8491160	8676658	8527280	8565033	1.15	cps
Rhodium	103-2	2910842	2930413	2849424	2896893	1.46	cps
Scandium	45-1	6230264	6243291	6263679	6245744	0.27	cps
Scandium	45-2	67675	67833	67813	67774	0.13	cps
Selenium	77-2	120	147	97	121	20.66	cps
Selenium	78-2	65	63	54	60	9.85	cps
Selenium	82-1	158	106	106	123	24.51	cps
Silicon	28-1	11042491	13725396	11811186	12193024	11.33	cps
Silver	109-1	1167	1258	1200	1208	3.84	cps
Silver	107-1	1408	1425	1492	1442	3.06	cps
Sodium	23-2	174887	172880	169733	172500	1.51	cps
Strontium	86-1	454641	452265	457751	454886	0.60	cps
Strontium	88-1	3967564	3954276	3973364	3965068	0.25	cps
Sulfur	34-1	417780	422117	425355	421751	0.90	cps
Terbium	159-1	10353991	10122463	10181608	10219354	1.18	cps
Terbium	159-2	2956611	2959291	2949091	2954998	0.18	cps
Thallium	203-1	3317	3234	3284	3278	1.28	cps
Thallium	205-1	7978	7619	8003	7867	2.73	cps
Tin	118-1	10588	10471	9988	10349	3.08	cps
Titanium	47-1	766515	778853	782414	775927	1.08	cps
Uranium	238-1	42374	44883	43603	43620	2.88	cps
Vanadium	51-2	64484	64876	64779	64713	0.32	cps
Yttrium	89-1	10811412	10678589	10770257	10753419	0.63	cps
Yttrium	89-2	469983	466320	463356	466553	0.71	cps
Zinc	66-2	32201	32114	31987	32101	0.34	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-03DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(0-5)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:21:34	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	272734	299240	274273	282082	5.27	cps
Zirconium	91-1	60585	60226	61190	60667	0.80	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	349226	354506	356586	353439	1.07	cps
Antimony	121-1	725	808	867	800	8.90	cps
Arsenic	75-2	1528	1470	1389	1462	4.77	cps
Barium	135-1	391197	387892	392267	390452	0.58	cps
Barium	137-1	676507	677061	676867	676812	0.04	cps
Beryllium	9-1	2661	2584	2678	2641	1.91	cps
Bismuth	209-1	5470898	5477856	5489257	5479337	0.17	cps
Bismuth	209-2	2109906	2085953	2128785	2108215	1.02	cps
Boron	10-1	1592	1717	1775	1695	5.53	cps
Boron	11-1	8036	8361	8395	8264	2.40	cps
Cadmium	111-1	1970	2156	1776	1967	9.66	cps
Cadmium	106-1	2300	2434	1967	2234	10.76	cps
Cadmium	108-1	200	217	233	217	7.69	cps
Calcium	43-1	285831	288468	285730	286676	0.54	cps
Calcium	44-1	4714918	4684031	4763974	4720974	0.85	cps
Chromium	52-2	89128	90078	90738	89981	0.90	cps
Cobalt	59-2	69640	69368	70410	69806	0.77	cps
Copper	63-2	168180	168180	168697	168352	0.18	cps
Dysprosium	156-1	57410	57234	57452	57366	0.20	cps
Dysprosium	156-2	17696	18423	18126	18082	2.02	cps
Erbium	164-1	51536	52809	51437	51927	1.47	cps
Erbium	164-2	14625	14815	14662	14701	0.69	cps
Gadolinium	160-1	54155	53929	54540	54208	0.57	cps
Gadolinium	160-2	21127	21561	21121	21270	1.19	cps
Holmium	165-1	9527317	9678074	9644335	9616576	0.82	cps
Holmium	165-2	2935281	2948040	2932626	2938649	0.28	cps
Indium	115-1	8593125	8708963	8636601	8646230	0.68	cps
Indium	115-2	538477	544223	544277	542325	0.61	cps
Iron	56-2	43971686	44533625	44279265	44261525	0.64	cps
Iron	57-2	1096304	1107463	1114420	1106063	0.83	cps
Krypton	83-1	510	490	547	516	5.57	cps
Lead	206-1	418648	420628	420916	420064	0.29	cps
Lead	207-1	341371	342216	346005	343198	0.72	cps
Lead	208-1	1615685	1612372	1635244	1621100	0.76	cps
Lithium	6-1	1634608	1654806	1633655	1641023	0.73	cps
Magnesium	24-2	557756	563341	562167	561088	0.52	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	724455	728048	726587	726363	0.25	cps
Molybdenum	94-1	86351	87532	88078	87320	1.01	cps
Molybdenum	95-1	3184	3642	4084	3637	12.38	cps
Molybdenum	96-1	17312	18530	18655	18166	4.09	cps
Molybdenum	97-1	2392	2534	2492	2473	2.95	cps
Molybdenum	98-1	5476	6377	5910	5921	7.61	cps
Neodymium	150-1	91028	92451	93579	92353	1.38	cps
Neodymium	150-2	18006	17712	17669	17796	1.03	cps
Nickel	60-2	47658	48732	47799	48063	1.21	cps
Phosphorus	31-2	933	783	992	903	11.91	cps
Potassium	39-2	91372	91203	92227	91600	0.60	cps
Rhodium	103-1	8480877	8498864	8364653	8448131	0.86	cps
Rhodium	103-2	2922919	2906589	2849807	2893105	1.33	cps
Scandium	45-1	6207962	6250803	6287021	6248595	0.63	cps
Scandium	45-2	67605	67089	67207	67300	0.40	cps
Selenium	77-2	113	110	127	117	7.56	cps
Selenium	78-2	56	83	56	65	24.74	cps
Selenium	82-1	128	101	60	96	35.96	cps
Silicon	28-1	7023356	5390814	5289395	5901189	16.49	cps
Silver	109-1	975	750	933	886	13.51	cps
Silver	107-1	900	1158	1000	1020	12.78	cps
Sodium	23-2	122619	126332	125904	124952	1.63	cps
Strontium	86-1	173523	169584	172839	171982	1.22	cps
Strontium	88-1	1550341	1495845	1528203	1524796	1.80	cps
Sulfur	34-1	347077	343116	338190	342794	1.30	cps
Terbium	159-1	10059283	10056918	9988072	10034757	0.40	cps
Terbium	159-2	2894549	2899832	2955171	2916517	1.15	cps
Thallium	203-1	2900	2700	2934	2845	4.44	cps
Thallium	205-1	6102	5868	6594	6188	5.98	cps
Tin	118-1	6644	7252	12984	8960	39.04	cps
Titanium	47-1	615374	621463	629247	622028	1.12	cps
Uranium	238-1	43193	42282	42817	42764	1.07	cps
Vanadium	51-2	64883	65188	63975	64682	0.97	cps
Yttrium	89-1	10464469	10567786	10489162	10507139	0.51	cps
Yttrium	89-2	461090	462005	459593	460896	0.26	cps
Zinc	66-2	26619	27581	27404	27201	1.88	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	J2590-04DLX2	Instrumnet Name :	P8
Client Sample ID :	EPE-MX-4(5-10)DL	Dilution Factor :	2
Date & Time Acquired ::	2018-04-26 16:24:51	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	235853	241928	237747	238509	1.30	cps
Zirconium	91-1	52328	53741	52026	52698	1.74	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
Date & Time Acquired ::	2018-04-26 17:19:01	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494432	495595	492404	494144	0.33	cps
Antimony	121-1	4388231	4406109	4392358	4395566	0.21	cps
Arsenic	75-2	66396	66585	65932	66304	0.51	cps
Barium	135-1	4505090	4487659	4534934	4509228	0.53	cps
Barium	137-1	7750064	7809147	7827746	7795652	0.52	cps
Beryllium	9-1	681143	676050	671906	676366	0.68	cps
Bismuth	209-1	5955362	5918701	5863823	5912629	0.78	cps
Bismuth	209-2	2201056	2162058	2184885	2182666	0.90	cps
Boron	10-1	76981	79638	79672	78764	1.96	cps
Boron	11-1	376037	386818	390265	384373	1.93	cps
Cadmium	111-1	934561	942437	953167	943388	0.99	cps
Cadmium	106-1	99541	99567	99986	99698	0.25	cps
Cadmium	108-1	67213	66827	66748	66929	0.37	cps
Calcium	43-1	5686166	5660260	5660260	5668895	0.26	cps
Calcium	44-1	92077735	91747110	92427840	92084228	0.37	cps
Chromium	52-2	605762	609964	610703	608810	0.44	cps
Cobalt	59-2	1157249	1164579	1162669	1161499	0.33	cps
Copper	63-2	2019913	2014959	2013728	2016200	0.16	cps
Dysprosium	156-1	75	67	42	61	28.39	cps
Dysprosium	156-2	3	7	13	8	65.47	cps
Erbium	164-1	42	17	42	33	43.30	cps
Erbium	164-2	3	23	7	11	96.43	cps
Gadolinium	160-1	142	50	100	97	47.21	cps
Gadolinium	160-2	13	13	27	18	43.33	cps
Holmium	165-1	10497825	10457085	10509838	10488249	0.26	cps
Holmium	165-2	3117906	3059656	3086305	3087956	0.94	cps
Indium	115-1	8932446	9072670	9007305	9004140	0.78	cps
Indium	115-2	537600	544961	538747	540436	0.73	cps
Iron	56-2	100408316	100009024	100116894	100178078	0.21	cps
Iron	57-2	2581540	2591895	2541086	2571507	1.04	cps
Krypton	83-1	483	440	420	448	7.23	cps
Lead	206-1	2354839	2339245	2326886	2340323	0.60	cps
Lead	207-1	2180610	2137692	2152876	2157059	1.01	cps
Lead	208-1	9665577	9541664	9630089	9612443	0.66	cps
Lithium	6-1	1700722	1709611	1735576	1715303	1.06	cps
Magnesium	24-2	10680614	10685000	10733976	10699863	0.28	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	351995	350249	351952	351398	0.28	cps
Molybdenum	94-1	7996097	8177305	8074832	8082745	1.12	cps
Molybdenum	95-1	9784248	9896801	9861839	9847629	0.58	cps
Molybdenum	96-1	10900068	10907321	10967632	10925007	0.34	cps
Molybdenum	97-1	6203282	6251601	6226530	6227138	0.39	cps
Molybdenum	98-1	15871886	15777279	15948252	15865806	0.54	cps
Neodymium	150-1	133	180	180	164	16.38	cps
Neodymium	150-2	20	20	20	20	0.00	cps
Nickel	60-2	346344	346139	347653	346712	0.24	cps
Phosphorus	31-2	6935	6335	6310	6527	5.42	cps
Potassium	39-2	3314993	3315633	3253654	3294760	1.08	cps
Rhodium	103-1	8557762	8569648	8600004	8575805	0.25	cps
Rhodium	103-2	2817766	2822775	2806701	2815747	0.29	cps
Scandium	45-1	6148921	6133721	6125100	6135914	0.20	cps
Scandium	45-2	66142	66259	64588	65663	1.42	cps
Selenium	77-2	610	537	553	567	6.78	cps
Selenium	78-2	1780	1822	1693	1765	3.74	cps
Selenium	82-1	61271	61574	61208	61351	0.32	cps
Silicon	28-1	2479922	2496621	2519001	2498515	0.78	cps
Silver	109-1	4538130	4552967	4577796	4556297	0.44	cps
Silver	107-1	4745421	4738385	4728233	4737346	0.18	cps
Sodium	23-2	24703838	24659860	24794318	24719339	0.28	cps
Strontium	86-1	1276525	1291351	1293950	1287275	0.73	cps
Strontium	88-1	11285616	11171418	11173415	11210150	0.58	cps
Sulfur	34-1	763491	757521	755898	758970	0.53	cps
Terbium	159-1	10862023	10908144	10960435	10910201	0.45	cps
Terbium	159-2	3067278	3085739	3088419	3080479	0.37	cps
Thallium	203-1	2945057	2940919	2937929	2941302	0.12	cps
Thallium	205-1	6972829	6902867	6883789	6919828	0.68	cps
Tin	118-1	3065008	3078069	3053067	3065382	0.41	cps
Titanium	47-1	2849417	2876709	2848953	2858360	0.56	cps
Uranium	238-1	8946947	8876138	8799222	8874102	0.83	cps
Vanadium	51-2	429930	430491	430231	430217	0.07	cps
Yttrium	89-1	10050641	10110079	10168111	10109610	0.58	cps
Yttrium	89-2	422990	427263	427627	425960	0.61	cps
Zinc	66-2	184134	183189	182725	183349	0.39	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCV55	Instrumnet Name :	P8
Client Sample ID :	CCV55	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6806068	6746467	6821536	6791357	0.58	cps
Zirconium	91-1	1492752	1535615	1527938	1518768	1.50	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	75	8	33	108.97	cps
Antimony	121-1	13065	14283	14625	13991	5.86	cps
Arsenic	75-2	24	22	26	24	7.71	cps
Barium	135-1	217	117	142	158	32.87	cps
Barium	137-1	358	200	183	247	39.07	cps
Beryllium	9-1	106	150	72	109	35.71	cps
Bismuth	209-1	6167809	6204859	6166864	6179844	0.35	cps
Bismuth	209-2	2301171	2291526	2282311	2291670	0.41	cps
Boron	10-1	2442	2225	2109	2259	7.49	cps
Boron	11-1	11822	10504	9270	10532	12.12	cps
Cadmium	111-1	1465	1459	1336	1420	5.11	cps
Cadmium	106-1	2009	2025	1809	1947	6.19	cps
Cadmium	108-1	17	13	13	14	17.33	cps
Calcium	43-1	883	942	783	870	9.21	cps
Calcium	44-1	37242	36941	36232	36805	1.41	cps
Chromium	52-2	740	757	657	718	7.46	cps
Cobalt	59-2	60	37	77	58	34.77	cps
Copper	63-2	1690	1807	1867	1788	5.02	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	67	42	52.92	cps
Erbium	164-2	10	20	27	19	44.42	cps
Gadolinium	160-1	42	67	50	53	24.12	cps
Gadolinium	160-2	3	20	0	8	137.80	cps
Holmium	165-1	10535375	10416646	10263766	10405262	1.31	cps
Holmium	165-2	3088098	3023216	3078878	3063397	1.15	cps
Indium	115-1	9268865	9263936	9213518	9248773	0.33	cps
Indium	115-2	557810	559399	560028	559079	0.20	cps
Iron	56-2	4940	5351	5218	5170	4.06	cps
Iron	57-2	144	144	117	135	11.86	cps
Krypton	83-1	470	477	383	443	11.74	cps
Lead	206-1	583	639	500	574	12.18	cps
Lead	207-1	533	522	572	543	4.84	cps
Lead	208-1	2389	2306	2295	2330	2.22	cps
Lithium	6-1	1759235	1734185	1724260	1739227	1.04	cps
Magnesium	24-2	292	333	300	308	7.15	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
Client Sample ID :	CCB55	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	40	20	31	32.73	cps
Molybdenum	94-1	3976	4584	5051	4537	11.89	cps
Molybdenum	95-1	5510	6652	7202	6455	13.38	cps
Molybdenum	96-1	6118	6910	8370	7133	16.01	cps
Molybdenum	97-1	3659	3976	4743	4126	13.51	cps
Molybdenum	98-1	9078	10955	12123	10719	14.33	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	60	43	67	57	21.21	cps
Phosphorus	31-2	8	25	17	17	50.01	cps
Potassium	39-2	4034	3951	3992	3992	1.04	cps
Rhodium	103-1	9087235	9152349	9083640	9107741	0.42	cps
Rhodium	103-2	2977985	2977122	2982313	2979140	0.09	cps
Scandium	45-1	6033652	6112854	6064792	6070433	0.66	cps
Scandium	45-2	64504	64896	63064	64155	1.50	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	7	6	6	33.38	cps
Selenium	82-1	26	-9	93	37	140.38	cps
Silicon	28-1	395866	384851	389571	390096	1.42	cps
Silver	109-1	375	258	275	303	20.84	cps
Silver	107-1	417	375	275	356	20.48	cps
Sodium	23-2	13749	13699	13590	13679	0.59	cps
Strontium	86-1	658	833	683	725	13.06	cps
Strontium	88-1	342	333	292	322	8.31	cps
Sulfur	34-1	398336	404233	398893	400488	0.81	cps
Terbium	159-1	10953572	10994930	10739214	10895905	1.26	cps
Terbium	159-2	3037709	3058042	3041464	3045738	0.36	cps
Thallium	203-1	1017	992	1050	1020	2.87	cps
Thallium	205-1	2675	2192	2100	2323	13.30	cps
Tin	118-1	3209	3392	3684	3428	6.99	cps
Titanium	47-1	358	367	308	344	9.16	cps
Uranium	238-1	500	392	383	425	15.31	cps
Vanadium	51-2	23	27	27	26	7.55	cps
Yttrium	89-1	10064874	10136019	10082703	10094532	0.37	cps
Yttrium	89-2	423585	424223	421861	423223	0.29	cps
Zinc	66-2	53	40	33	42	24.12	cps

LB Number :	LB94934	Operator :	Jaswal
Lab Sample ID :	CCB55	Instrumnet Name :	P8
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2325	2200	2417	2314	4.70	cps
Zirconium	91-1	450	475	508	478	6.13	cps