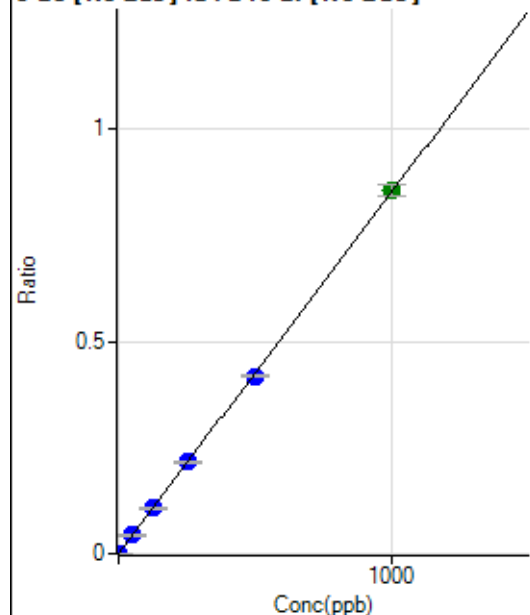


Batch Folder: D:\P8102718-MS.b\
Analysis File: P8102718-MS.batch.bin
DA Date-Time: 2018-10-27 19:25:42
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	005CALB.d	S00	2018-10-27 17:51:46
2			
3	007CALS.d	S02	2018-10-27 17:58:30
4	008CALS.d	S03	2018-10-27 18:02:41
5	009CALS.d	S04	2018-10-27 18:06:25
6	010CALS.d	S05	2018-10-27 18:10:02
7	012CALS.d	S06	2018-10-27 18:16:29
8	013CALS.d	S07	2018-10-27 18:19:54
9	014CALS.d	S08	2018-10-27 18:23:15

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	338.90	0.0002	P	4.2
2	☐	0.100					
3	☐	1.000	0.934	1879.80	0.0010	P	6.0
4	☐	50.000	50.442	81868.90	0.0431	P	1.3
5	☐	125.000	125.112	204882.46	0.1067	P	0.5
6	☐	250.000	253.165	406011.97	0.2157	P	1.7
7	☐	500.000	491.101	802996.67	0.4183	P	0.9
8	☐	1000.000	1003.622	1603914.29	0.8547	A	3.0
9	☐			448.17	0.0002	P	7.8

$$y = 8.5148\text{E-}004 * x + 1.8252\text{E-}004$$

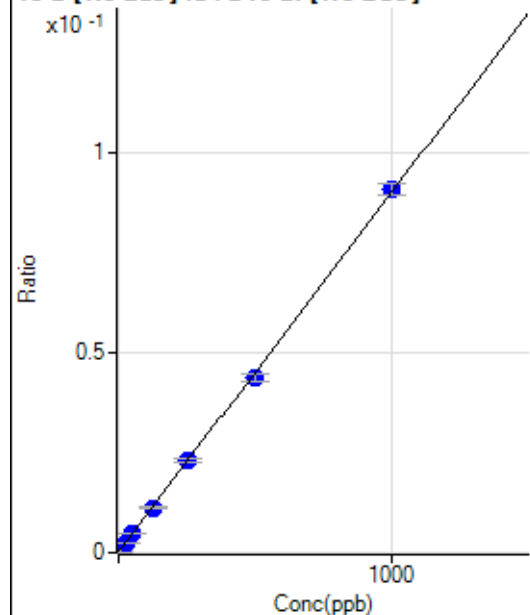
$$R = 0.9999$$

$$DL = 0.0272$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	452.81	0.0002	P	18.4
2	☐	2.500					
3	☐	25.000	24.604	4714.87	0.0025	P	4.6
4	☐	50.000	50.710	9106.04	0.0048	P	1.4
5	☐	125.000	122.669	21614.30	0.0113	P	1.7
6	☐	250.000	253.299	43277.47	0.0230	P	3.0
7	☐	500.000	483.813	83833.12	0.0437	P	4.4
8	☐	1000.000	1007.534	170251.46	0.0907	P	3.0
9	☐			8764.16	0.0048	P	9.9

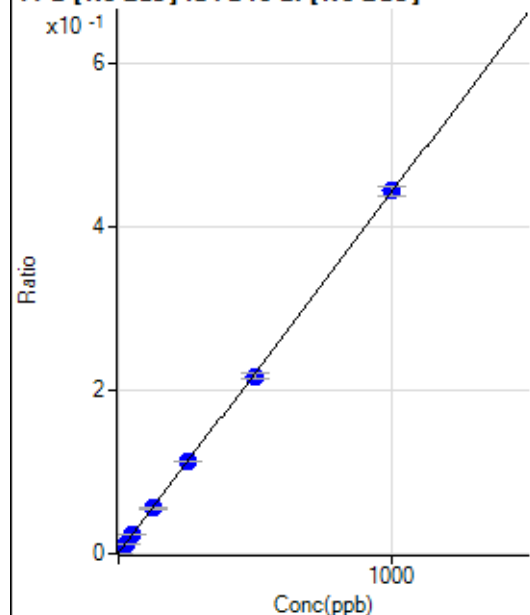
$$y = 8.9787\text{E-}005 * x + 2.4412\text{E-}004$$

$$R = 0.9998$$

$$DL = 1.498$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2005.78	0.0011	P	8.4
2	☐	2.500					
3	☐	25.000	25.450	23673.10	0.0123	P	5.3
4	☐	50.000	49.558	43578.21	0.0230	P	3.2
5	☐	125.000	122.991	106311.71	0.0554	P	2.1
6	☐	250.000	252.580	211913.28	0.1126	P	1.1
7	☐	500.000	490.262	417416.96	0.2175	P	3.0
8	☐	1000.000	1004.486	834303.60	0.4445	P	2.9
9	☐			41747.97	0.0230	P	9.5

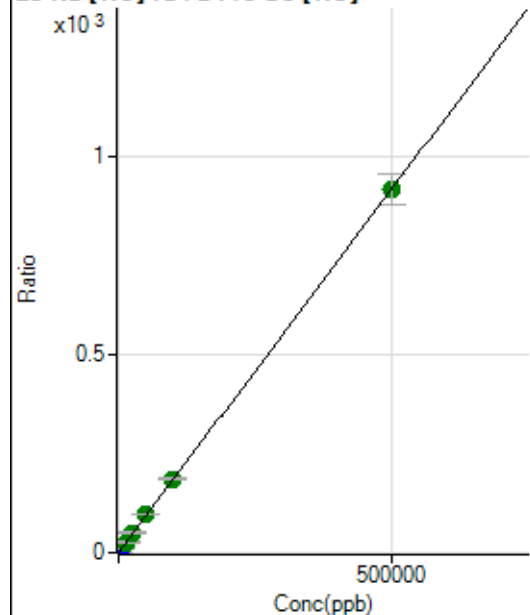
$$y = 4.4142\text{E-}004 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.6183$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12547.75	0.2636	P	2.6
2	☐	50.000					
3	☐	500.000	522.799	59257.82	1.2228	P	3.0
4	☐	5000.000	5336.640	482490.72	10.0554	P	1.9
5	☐	12500.000	14076.511	1196615.53	26.0916	A	5.9
6	☐	25000.000	27578.758	2374724.34	50.8660	A	3.7
7	☐	50000.000	51872.847	4632215.73	95.4415	A	1.3
8	☐	100000.00	101545.70	9088919.48	186.5829	A	1.7
9	☐	500000.00	499331.83	44711236.42	916.4536	A	8.5

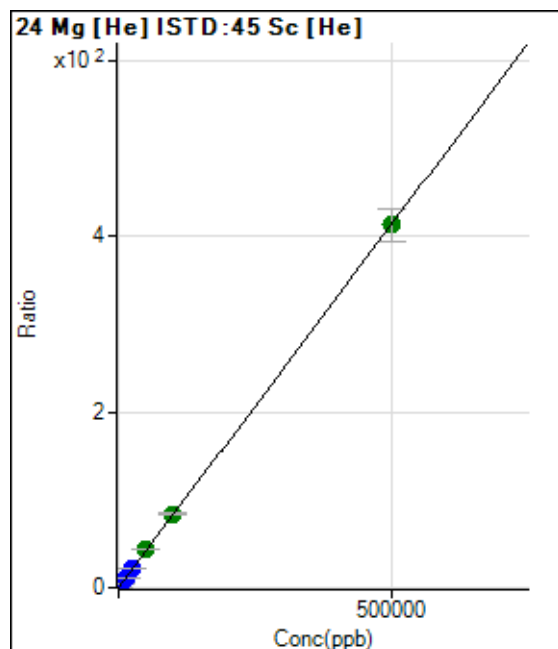
$$y = 0.0018 * x + 0.2636$$

$$R = 1.0000$$

$$DL = 11.39$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	202.79	0.0043	P	28.8
2	☐	50.000					
3	☐	500.000	538.706	21784.10	0.4494	P	0.9
4	☐	5000.000	5375.196	213367.18	4.4463	P	0.5
5	☐	12500.000	13855.076	525396.33	11.4541	P	5.3
6	☐	25000.000	27163.579	1048302.15	22.4522	P	3.3
7	☐	50000.000	52585.809	2109379.59	43.4610	A	1.2
8	☐	100000.00	101382.05	4081502.04	83.7861	A	1.5
9	☐	500000.00	499319.16	20127730.49	412.6404	A	8.8

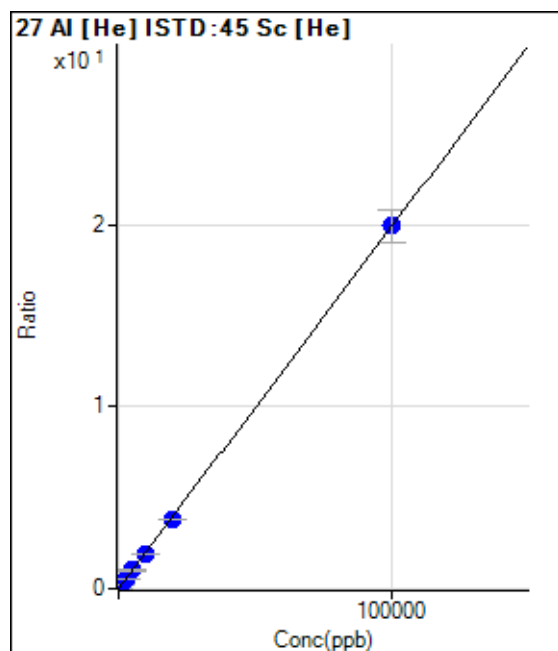
$$y = 8.2640\text{E-}004 * x + 0.0043$$

$$R = 1.0000$$

$$DL = 4.446$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.01	0.0004	P	65.9
2	☐	2.000					
3	☐	20.000	20.804	220.89	0.0046	P	10.4
4	☐	1000.000	1003.751	9590.72	0.1999	P	2.0
5	☐	2500.000	2557.239	23320.03	0.5085	P	6.1
6	☐	5000.000	5066.780	47025.77	1.0072	P	3.1
7	☐	10000.000	9679.001	93365.19	1.9236	P	0.7
8	☐	20000.000	19002.590	183948.16	3.7761	P	1.4
9	☐	100000.00	100226.77	971404.65	19.9147	P	8.8

$$y = 1.9869\text{E-}004 * x + 4.1868\text{E-}004$$

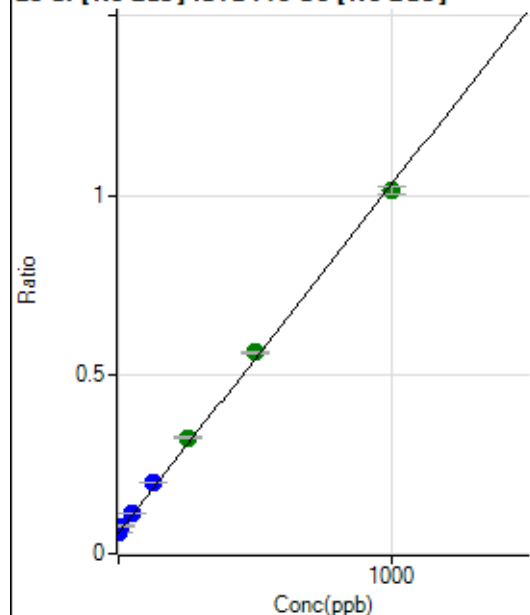
$$R = 0.9999$$

$$DL = 4.167$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	277354.69	0.0583	P	2.5
2	☐	1.000					
3	☐	10.000	18.159	372681.52	0.0760	P	8.0
4	☐	50.000	56.732	560265.13	0.1134	P	0.7
5	☐	125.000	145.914	978586.38	0.2001	P	0.5
6	☐	250.000	272.392	1554347.86	0.3230	A	1.4
7	☐	500.000	518.870	2777873.98	0.5624	A	1.0
8	☐	1000.000	981.934	4949487.48	1.0123	A	2.2
9	☐			604167.81	0.1263	P	1.9

$$y = 9.7156\text{E-}004 * x + 0.0583$$

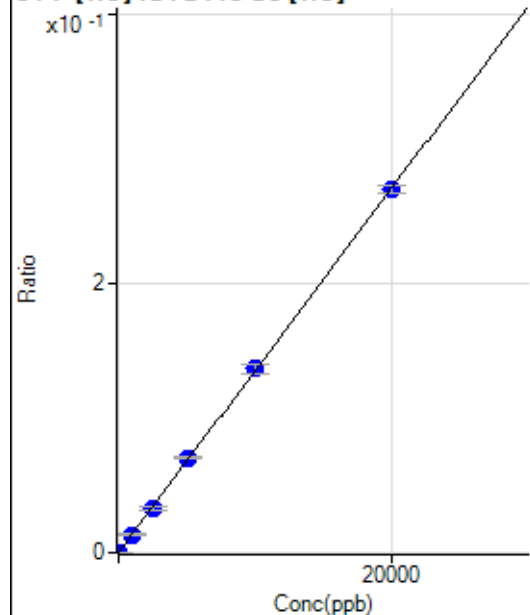
$$R = 0.9994$$

$$DL = 4.559$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	2.240	8.33	0.0002	P	100.5
2	☐	0.000					
3	☐	0.000	-2.240	5.56	0.0001	P	173.2
4	☐	1000.000	956.825	627.82	0.0131	P	13.2
5	☐	2500.000	2425.757	1508.48	0.0329	P	11.6
6	☐	5000.000	5179.594	3278.31	0.0702	P	2.5
7	☐	10000.000	10095.155	6629.62	0.1366	P	5.8
8	☐	20000.000	19918.963	13126.06	0.2695	P	2.2
9	☐			27.78	0.0006	P	61.4

$$y = 1.3521\text{E-}005 * x + 1.4600\text{E-}004$$

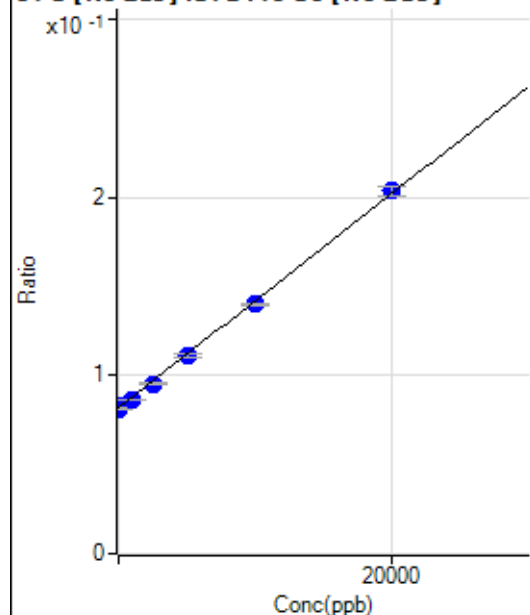
$$R = 0.9999$$

$$DL = 41.88$$

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	100.709	393169.37	0.0827	P	1.4
2	☐	0.000					
3	☐	0.000	-100.709	399508.19	0.0814	P	1.1
4	☐	1000.000	726.626	426838.92	0.0864	P	0.5
5	☐	2500.000	2251.868	467538.07	0.0956	P	0.2
6	☐	5000.000	4887.451	536259.45	0.1114	P	2.3
7	☐	10000.000	9652.632	691979.78	0.1401	P	1.0
8	☐	20000.000	20246.506	996478.73	0.2038	P	2.7
9	☐			375053.83	0.0784	P	0.6

$$y = 6.0147\text{E-}006 * x + 0.0820$$

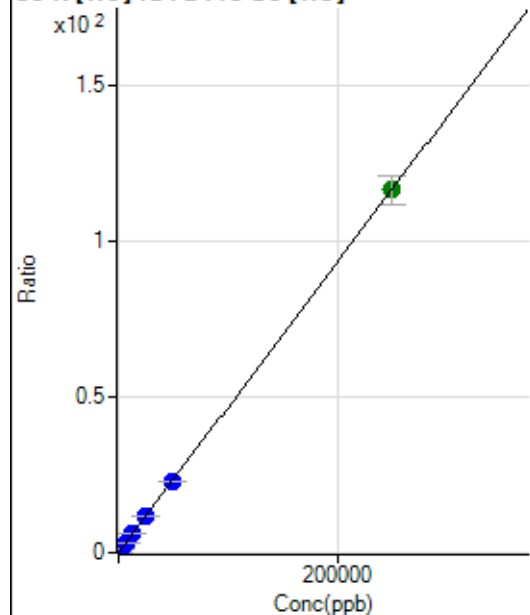
$$R = 0.9997$$

$$DL = 522.7$$

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	3317.21	0.0697	P	5.8
2	☐	50.000					
3	☐	500.000	506.684	14802.81	0.3054	P	0.8
4	☐	2500.000	2597.975	61342.53	1.2784	P	2.3
5	☐	6250.000	6680.214	145735.54	3.1777	P	6.0
6	☐	12500.000	13183.135	289642.37	6.2033	P	3.2
7	☐	25000.000	24973.695	567352.43	11.6890	P	0.7
8	☐	50000.000	49055.816	1115211.91	22.8935	P	1.6
9	☐	250000.00	250145.56	5682174.52	116.4529	A	8.3

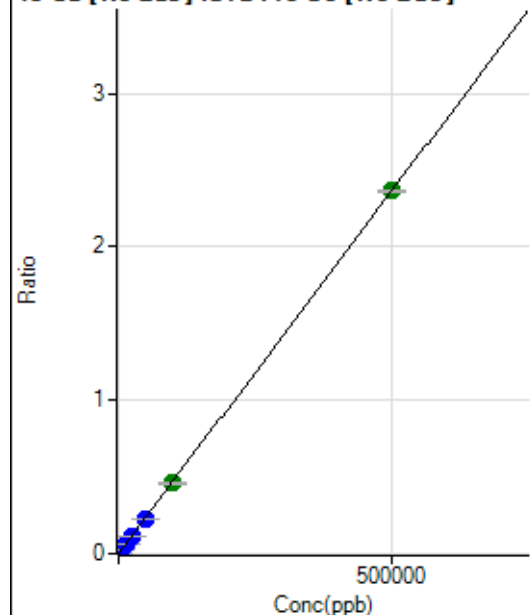
$$y = 4.6526\text{E-}004 * x + 0.0697$$

$$R = 1.0000$$

$$DL = 26.28$$

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	352.80	0.0001	P	16.3
2	☐	50.000					
3	☐	500.000	481.539	11519.06	0.0023	P	0.9
4	☐	5000.000	4841.407	113285.20	0.0229	P	0.6
5	☐	12500.000	12288.661	284176.47	0.0581	P	0.4
6	☐	25000.000	24773.472	563249.91	0.1171	P	2.6
7	☐	50000.000	48138.205	1123074.53	0.2274	P	0.6
8	☐	100000.00	97961.686	2261942.15	0.4626	A	2.3
9	☐	500000.00	500612.05	11306232.72	2.3639	A	0.4

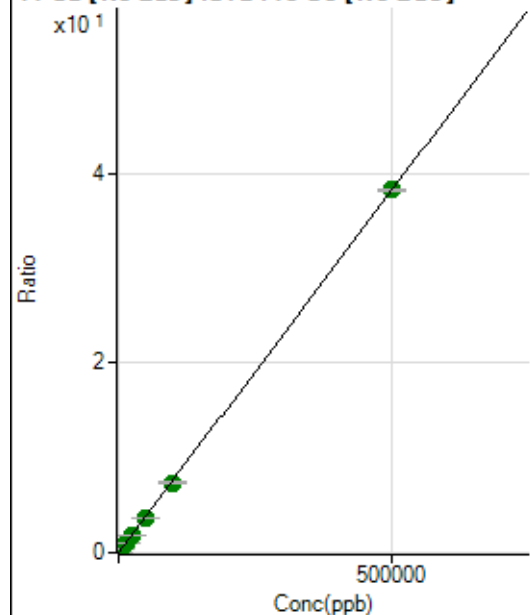
$$y = 4.7219\text{E-}006 * x + 7.4261\text{E-}005$$

$$R = 1.0000$$

$$DL = 7.703$$

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	22112.82	0.0047	P	5.1
2	☐	50.000					
3	☐	500.000	483.004	203931.19	0.0416	P	0.6
4	☐	5000.000	4943.868	1889526.69	0.3825	A	0.5
5	☐	12500.000	12262.588	4607273.28	0.9420	A	0.7
6	☐	25000.000	24615.007	9075640.48	1.8862	A	2.7
7	☐	50000.000	47834.172	18082039.64	3.6610	A	0.6
8	☐	100000.00	96227.391	35983615.39	7.3600	A	2.5
9	☐	500000.00	500996.86	183175029.1	38.2996	A	0.8

$$y = 7.6438\text{E-}005 * x + 0.0047$$

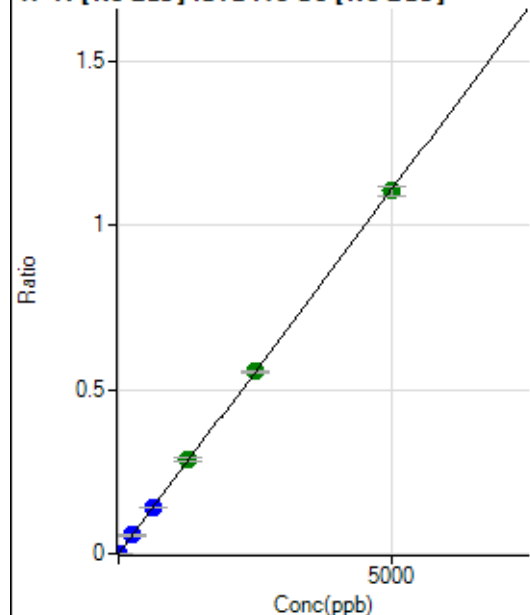
$$R = 1.0000$$

$$DL = 9.265$$

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	127.78	0.0000	P	17.6
2	☐	0.500					
3	☐	5.000	4.983	5540.25	0.0011	P	2.1
4	☐	250.000	251.272	274741.06	0.0556	P	1.0
5	☐	625.000	630.896	682894.97	0.1396	P	0.1
6	☐	1250.000	1295.713	1379498.91	0.2867	A	3.3
7	☐	2500.000	2500.621	2733016.34	0.5533	A	0.5
8	☐	5000.000	4987.461	5395121.00	1.1036	A	2.7
9	☐			1669.62	0.0003	P	2.7

$$y = 2.2126\text{E-}004 * x + 2.6815\text{E-}005$$

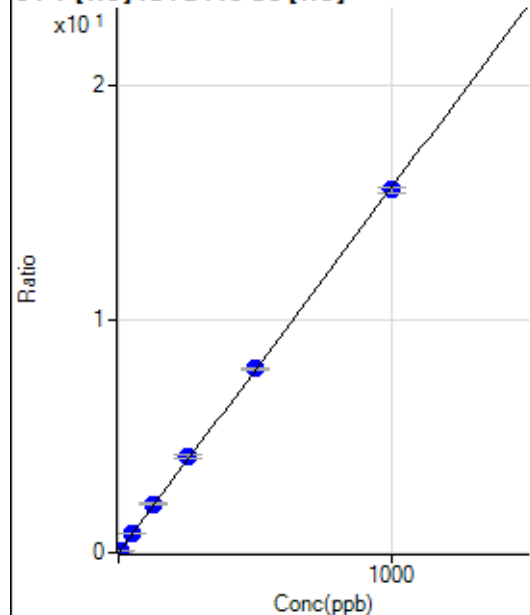
$$R = 1.0000$$

$$DL = 0.06397$$

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	52.22	0.0011	P	9.6
2	☐	0.500					
3	☐	5.000	5.226	4016.20	0.0829	P	0.6
4	☐	50.000	51.969	39066.74	0.8142	P	2.0
5	☐	125.000	133.467	95822.68	2.0893	P	5.8
6	☐	250.000	262.895	192080.49	4.1143	P	3.7
7	☐	500.000	503.891	382689.79	7.8848	P	1.3
8	☐	1000.000	993.673	757370.43	15.5478	P	1.8
9	☐			336.68	0.0069	P	6.3

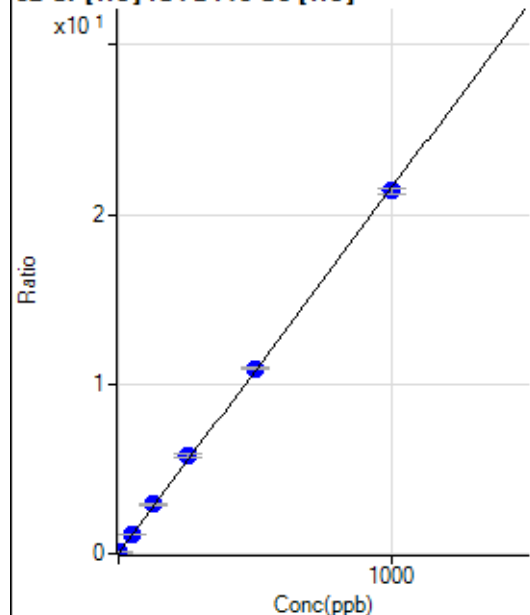
$$y = 0.0156 * x + 0.0011$$

$$R = 0.9999$$

$$DL = 0.02014$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	651.14	0.0137	P	6.0
2	☐	0.200					
3	☐	2.000	2.197	2957.03	0.0610	P	2.8
4	☐	50.000	52.112	54552.51	1.1369	P	1.7
5	☐	125.000	134.903	133999.33	2.9214	P	5.6
6	☐	250.000	265.662	267958.78	5.7398	P	3.9
7	☐	500.000	505.876	529902.00	10.9173	P	0.6
8	☐	1000.000	991.803	1042051.16	21.3910	P	1.2
9	☐			48792.71	1.0003	P	8.8

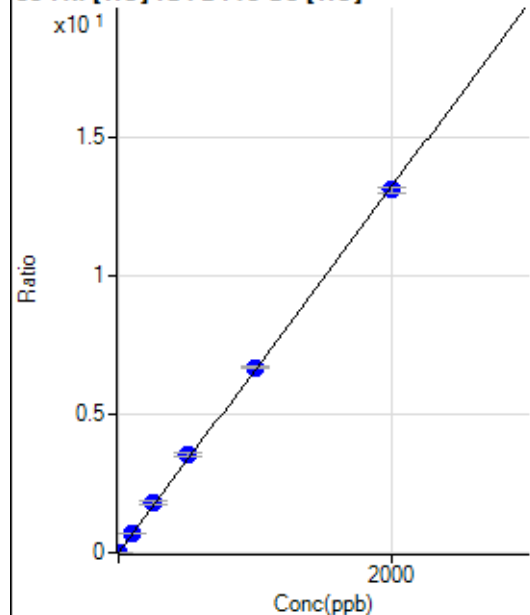
$$y = 0.0216 * x + 0.0137$$

$$R = 0.9998$$

$$DL = 0.1148$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	28.89	0.0006	P	7.5
2	☐	0.100					
3	☐	1.000	1.120	387.79	0.0080	P	12.4
4	☐	100.000	106.010	33598.25	0.7002	P	1.6
5	☐	250.000	273.208	82728.71	1.8036	P	5.3
6	☐	500.000	532.353	164036.48	3.5137	P	3.9
7	☐	1000.000	1011.019	323849.16	6.6725	P	1.3
8	☐	2000.000	1983.201	637571.74	13.0881	P	1.3
9	☐			4236.26	0.0868	P	7.3

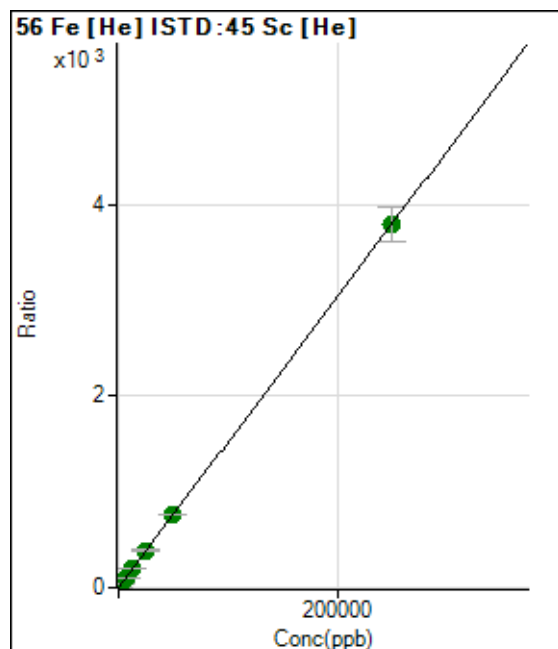
$$y = 0.0066 * x + 6.0718E-004$$

$$R = 0.9998$$

$$DL = 0.02063$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1379.74	0.0290	P	5.2
2	☐	5.000					
3	☐	50.000	54.565	41467.58	0.8558	P	3.1
4	☐	2500.000	2723.161	1981648.47	41.2955	A	1.3
5	☐	6250.000	6913.379	4807309.42	104.7936	A	5.0
6	☐	12500.000	13538.438	9579145.24	205.1891	A	3.9
7	☐	25000.000	25656.086	18871279.13	388.8187	A	1.3
8	☐	50000.000	50405.653	37210764.26	763.8711	A	1.5
9	☐	250000.00	249782.52	184568074.4	3,785.208	A	9.4

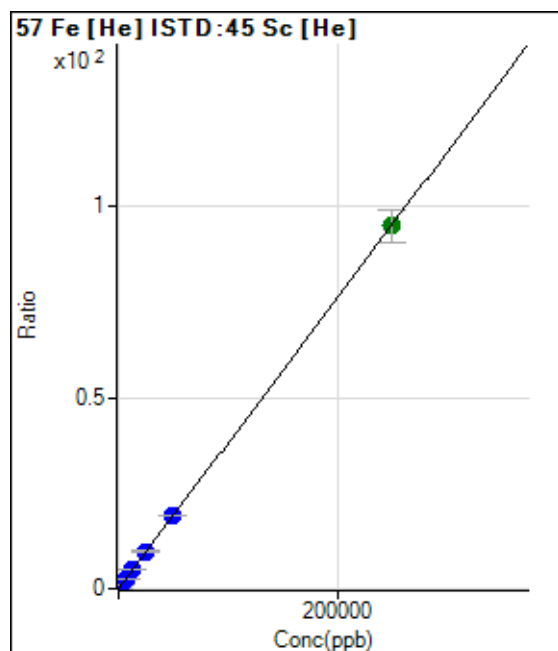
$$y = 0.0152 * x + 0.0290$$

$$R = 1.0000$$

$$DL = 0.2996$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	37.04	0.0008	P	22.7
2	☐	5.000					
3	☐	50.000	52.381	1001.92	0.0207	P	4.3
4	☐	2500.000	2663.174	48553.43	1.0119	P	1.8
5	☐	6250.000	6823.818	118878.43	2.5915	P	5.2
6	☐	12500.000	13456.235	238548.23	5.1096	P	3.7
7	☐	25000.000	25658.071	472842.46	9.7421	P	1.3
8	☐	50000.000	50327.971	930840.74	19.1083	P	1.4
9	☐	250000.00	249804.80	4626197.21	94.8418	A	8.8

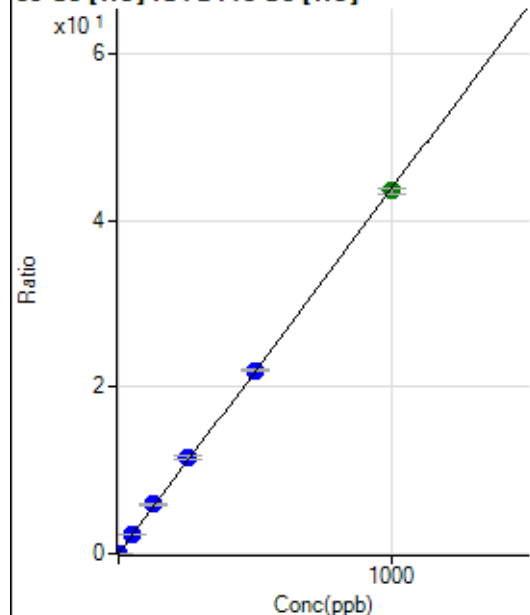
$$y = 3.7966E-004 * x + 7.7795E-004$$

$$R = 1.0000$$

$$DL = 1.393$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	331.12	0.0070	P	2.2
2	☐	0.100					
3	☐	1.000	0.991	2442.48	0.0504	P	2.2
4	☐	50.000	52.056	109886.86	2.2899	P	0.4
5	☐	125.000	134.464	270822.21	5.9040	P	5.2
6	☐	250.000	264.958	542842.98	11.6269	P	3.5
7	☐	500.000	501.506	1067799.24	22.0009	P	1.4
8	☐	1000.000	994.222	2124326.41	43.6094	A	1.7
9	☐			26148.08	0.5361	P	8.8

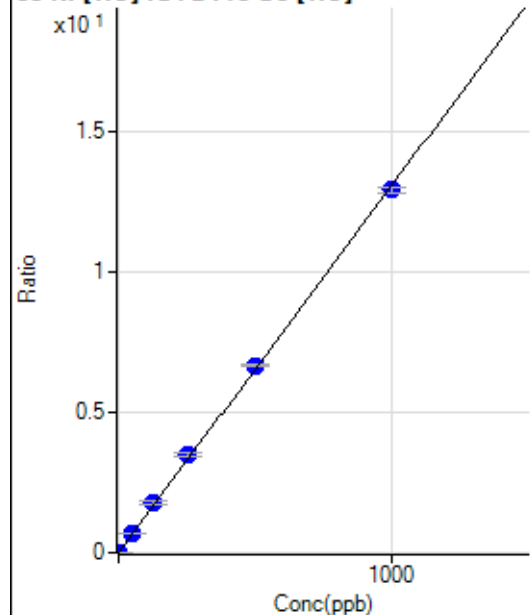
$$y = 0.0439 * x + 0.0070$$

$$R = 0.9999$$

$$DL = 0.0106$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	123.34	0.0026	P	14.6
2	☐	0.100					
3	☐	1.000	1.154	854.49	0.0176	P	9.4
4	☐	50.000	53.602	33689.76	0.7020	P	0.3
5	☐	125.000	137.229	82247.78	1.7933	P	5.6
6	☐	250.000	268.578	163744.89	3.5072	P	3.5
7	☐	500.000	509.610	322870.72	6.6523	P	1.3
8	☐	1000.000	988.842	628688.77	12.9057	P	1.3
9	☐			24454.97	0.5014	P	9.0

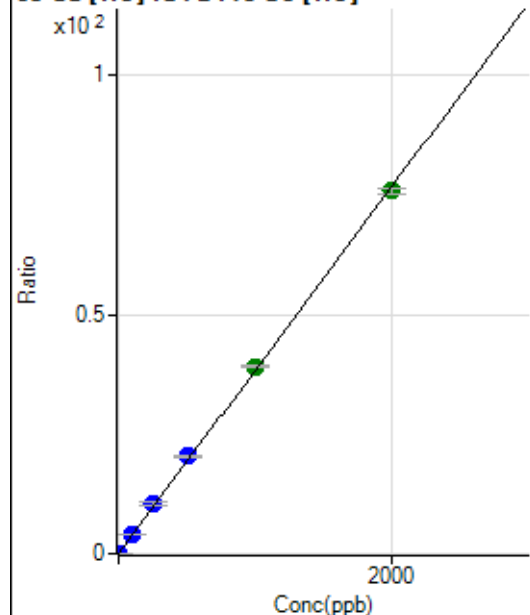
$$y = 0.0130 * x + 0.0026$$

$$R = 0.9997$$

$$DL = 0.087$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	892.27	0.0188	P	6.3
2	☐	0.200					
3	☐	2.000	2.172	4942.08	0.1020	P	0.4
4	☐	100.000	105.320	194544.02	4.0543	P	1.4
5	☐	250.000	271.548	478110.43	10.4237	P	5.4
6	☐	500.000	529.398	947956.78	20.3037	P	3.5
7	☐	1000.000	1021.776	1901057.36	39.1702	A	1.6
8	☐	2000.000	1978.803	3694527.48	75.8406	A	1.3
9	☐			9324.39	0.1916	P	12.4

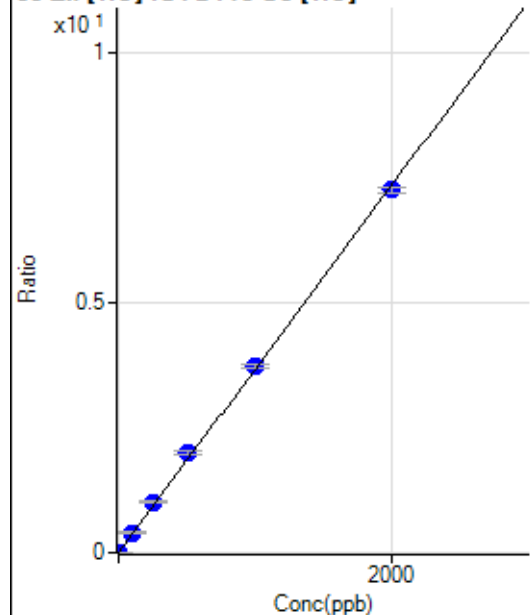
$$y = 0.0383 * x + 0.0188$$

$$R = 0.9998$$

$$DL = 0.09217$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	93.34	0.0020	P	18.6
2	☐	0.200					
3	☐	2.000	2.374	517.80	0.0107	P	5.0
4	☐	100.000	108.600	19233.55	0.4008	P	1.7
5	☐	250.000	276.209	46611.65	1.0164	P	6.0
6	☐	500.000	542.053	93031.46	1.9928	P	4.0
7	☐	1000.000	1018.830	181700.13	3.7439	P	1.7
8	☐	2000.000	1976.365	353691.29	7.2607	P	1.5
9	☐			3004.82	0.0615	P	6.9

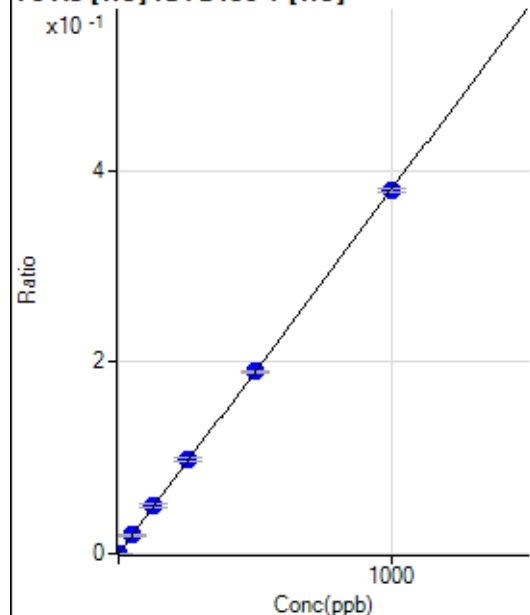
$$y = 0.0037 * x + 0.0020$$

$$R = 0.9996$$

$$DL = 0.2979$$

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	14.81	0.0000	P	50.7
2	☐	0.100					
3	☐	1.000	1.059	144.44	0.0004	P	4.6
4	☐	50.000	50.208	6153.27	0.0191	P	2.2
5	☐	125.000	131.751	15367.88	0.0501	P	6.7
6	☐	250.000	260.291	30695.16	0.0989	P	3.9
7	☐	500.000	501.276	60787.90	0.1904	P	1.0
8	☐	1000.000	995.935	120711.30	0.3783	P	1.2
9	☐			191.36	0.0006	P	11.3

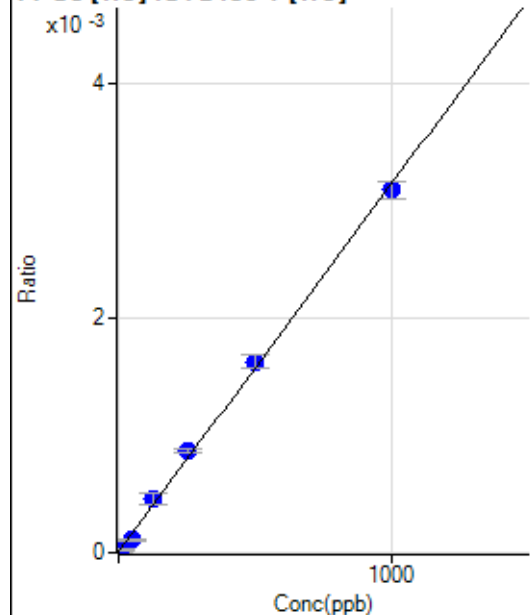
$$y = 3.7983\text{E-}004 * x + 4.7029\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.1882$$

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	173.2
2	☐	0.500					
3	☐	5.000	4.376	6.67	0.0000	P	99.0
4	☐	50.000	32.937	35.55	0.0001	P	10.7
5	☐	125.000	144.472	141.12	0.0005	P	20.2
6	☐	250.000	274.691	270.01	0.0009	P	3.6
7	☐	500.000	517.533	521.13	0.0016	P	6.5
8	☐	1000.000	983.483	987.83	0.0031	P	4.4
9	☐			0.00	0.0000	P	

$$y = 3.1420\text{E-}006 * x + 6.9683\text{E-}006$$

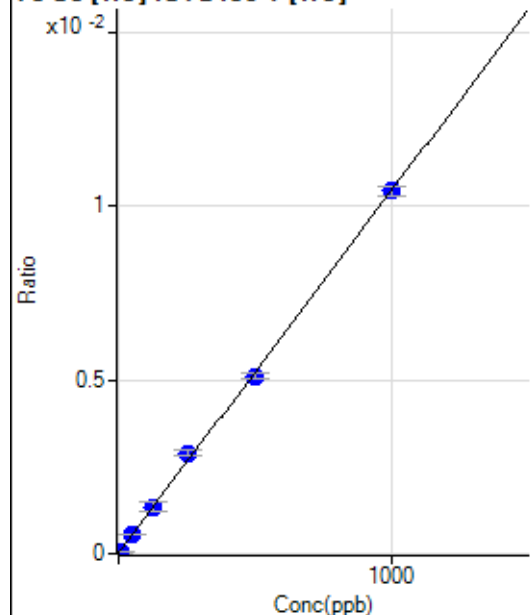
$$R = 0.9989$$

$$DL = 11.52$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.79	0.0000	P	69.1
2	☐	0.500					
3	☐	5.000	4.563	22.22	0.0001	P	25.0
4	☐	50.000	51.402	179.63	0.0006	P	4.0
5	☐	125.000	127.790	414.83	0.0014	P	17.4
6	☐	250.000	274.613	895.72	0.0029	P	5.9
7	☐	500.000	488.426	1634.06	0.0051	P	3.0
8	☐	1000.000	999.217	3333.77	0.0105	P	2.8
9	☐			4.94	0.0000	P	23.1

$$y = 1.0437\text{E-}005 * x + 2.1511\text{E-}005$$

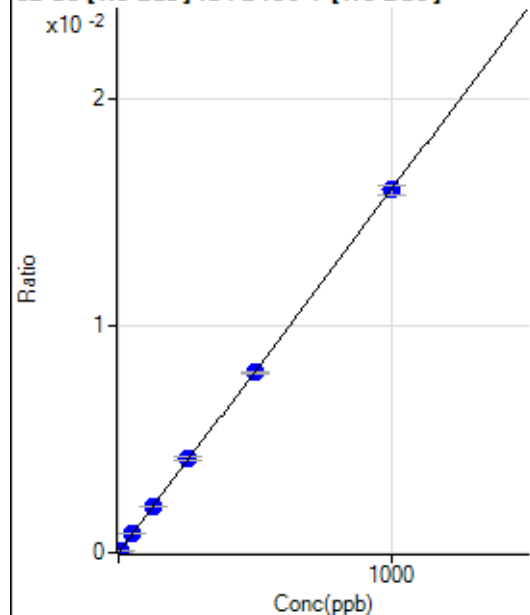
$$R = 0.9996$$

$$DL = 4.271$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-17.54	0.0000	P	-158.
2	☐	0.500					
3	☐	5.000	5.263	607.15	0.0001	P	5.4
4	☐	50.000	50.977	6012.85	0.0008	P	1.4
5	☐	125.000	126.707	15122.83	0.0020	P	1.0
6	☐	250.000	259.077	30344.75	0.0041	P	2.5
7	☐	500.000	496.782	59777.75	0.0080	P	1.1
8	☐	1000.000	999.076	118268.50	0.0160	P	2.8
9	☐			134.77	0.0000	P	29.8

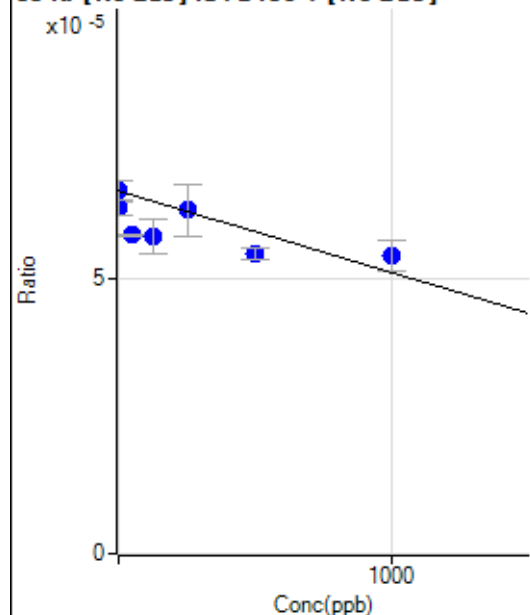
$$y = 1.6025\text{E-}005 * x - 2.4355\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.722$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	475.57	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	199.804	467.79	0.0001	P	4.2
4	☐	50.000	545.253	427.79	0.0001	P	0.9
5	☐	125.000	564.613	430.02	0.0001	P	11.1
6	☐	250.000	234.377	456.68	0.0001	P	15.2
7	☐	500.000	772.381	410.01	0.0001	P	4.1
8	☐	1000.000	787.802	401.12	0.0001	P	10.3
9	☐			405.57	0.0001	P	6.4

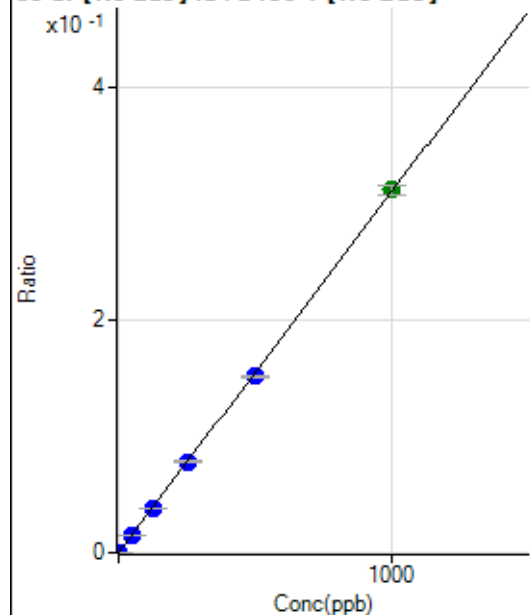
$$y = -1.4855\text{E-}008 * x + 6.6046\text{E-}005$$

$$R = -0.7171$$

$$DL = -821.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	638.94	0.0001	P	16.1
2	☐	0.100					
3	☐	1.000	1.069	3117.19	0.0004	P	5.2
4	☐	50.000	49.927	114986.49	0.0156	P	1.0
5	☐	125.000	124.002	287491.23	0.0386	P	0.4
6	☐	250.000	252.226	572801.14	0.0783	P	2.8
7	☐	500.000	487.678	1136909.37	0.1514	P	1.1
8	☐	1000.000	1005.733	2305667.93	0.3121	A	2.6
9	☐			11360.74	0.0016	P	2.4

$$y = 3.1019\text{E-}004 * x + 8.8726\text{E-}005$$

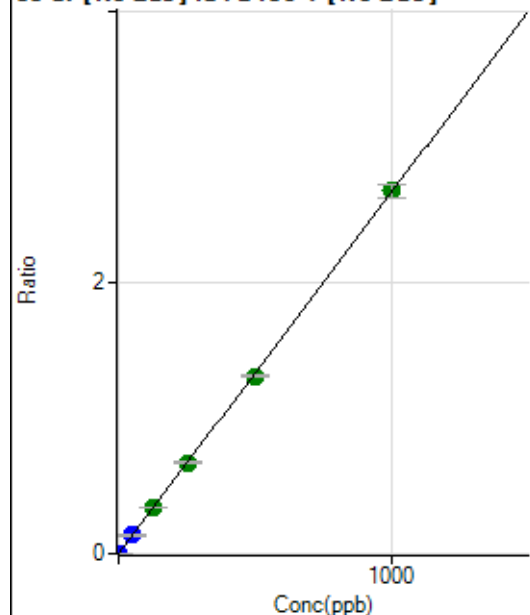
$$R = 0.9999$$

$$DL = 0.1386$$

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	116.67	0.0000	P	11.2
2	☐	0.100					
3	☐	1.000	1.041	20688.74	0.0028	P	2.9
4	☐	50.000	50.549	994867.23	0.1348	P	0.9
5	☐	125.000	126.743	2519430.46	0.3379	A	0.4
6	☐	250.000	251.407	4901030.53	0.6702	A	2.7
7	☐	500.000	491.667	9844215.50	1.3106	A	1.1
8	☐	1000.000	1003.569	19762818.50	2.6752	A	3.4
9	☐			93075.00	0.0129	P	1.5

$$y = 0.0027 * x + 1.6193E-005$$

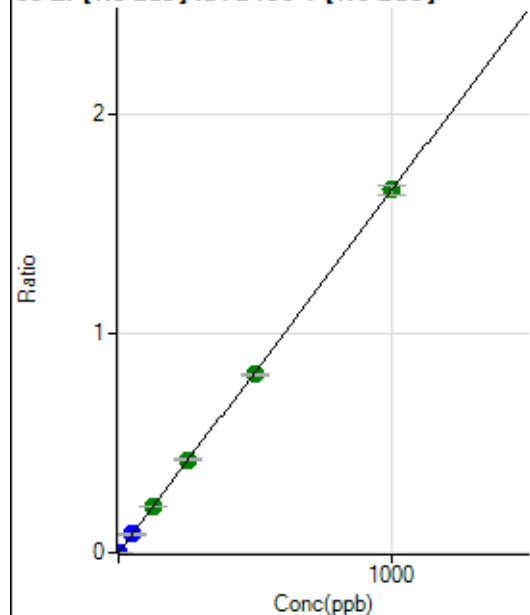
$$R = 0.9999$$

$$DL = 0.002044$$

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	594.49	0.0001	P	5.1
2	☐	0.100					
3	☐	1.000	1.057	13573.98	0.0018	P	2.6
4	☐	50.000	50.553	617503.32	0.0836	P	0.7
5	☐	125.000	126.536	1560256.03	0.2092	A	0.4
6	☐	250.000	256.345	3099261.81	0.4238	A	2.7
7	☐	500.000	492.782	6118731.86	0.8146	A	0.9
8	☐	1000.000	1001.803	12234958.78	1.6560	A	2.7
9	☐			6215.62	0.0009	P	2.9

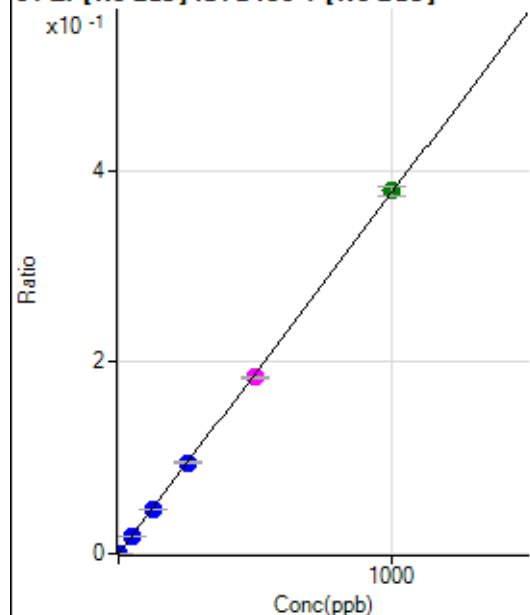
$$y = 0.0017 * x + 8.2610E-005$$

$$R = 0.9999$$

$$DL = 0.007619$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0000	P	34.1
2	☐	0.100					
3	☐	1.000	1.031	3000.46	0.0004	P	7.6
4	☐	50.000	49.788	138470.49	0.0188	P	0.1
5	☐	125.000	122.839	344901.40	0.0463	P	0.9
6	☐	250.000	250.935	690860.62	0.0945	P	2.5
7	☐	500.000	489.525	1384105.54	0.1843	M	1.0
8	☐	1000.000	1005.284	2795787.11	0.3784	A	2.6
9	☐			1402.92	0.0002	P	7.0

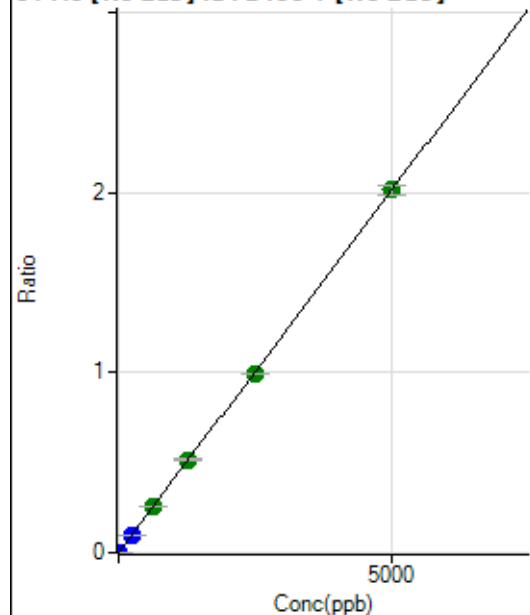
$$y = 3.7640\text{E-}004 * x + 1.6584\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04514$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	488.92	0.0001	P	14.5
2	☐	0.500					
3	☐	5.000	5.128	15823.79	0.0021	P	3.7
4	☐	250.000	251.050	747184.03	0.1012	P	0.5
5	☐	625.000	631.868	1898716.23	0.2546	A	0.4
6	☐	1250.000	1279.030	3769348.26	0.5154	A	1.7
7	☐	2500.000	2468.447	7470017.70	0.9945	A	1.0
8	☐	5000.000	5007.608	14906710.23	2.0175	A	2.3
9	☐			18421.51	0.0026	P	1.0

$$y = 4.0287\text{E-}004 * x + 6.7837\text{E-}005$$

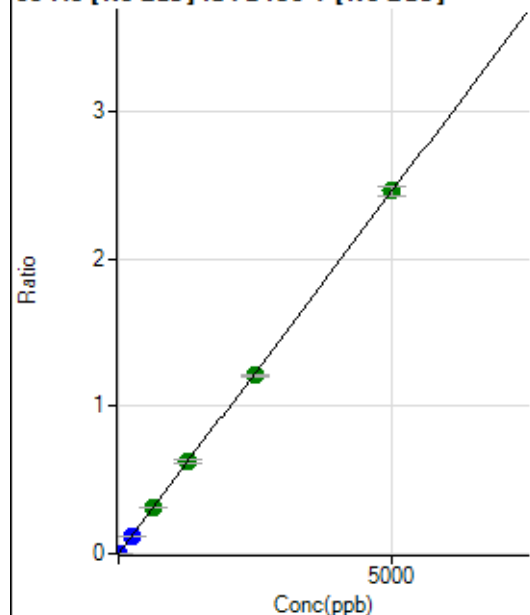
$$R = 1.0000$$

$$DL = 0.07348$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	322.24	0.0000	P	11.4
2	☐	0.500					
3	☐	5.000	5.119	18983.54	0.0026	P	1.6
4	☐	250.000	251.069	911264.23	0.1234	P	0.2
5	☐	625.000	630.715	2311703.42	0.3100	A	1.7
6	☐	1250.000	1271.556	4570344.16	0.6250	A	2.7
7	☐	2500.000	2463.435	9093633.71	1.2107	A	1.3
8	☐	5000.000	5012.125	18200252.14	2.4633	A	2.5
9	☐			28299.81	0.0039	P	1.5

$$y = 4.9146\text{E-}004 * x + 4.4787\text{E-}005$$

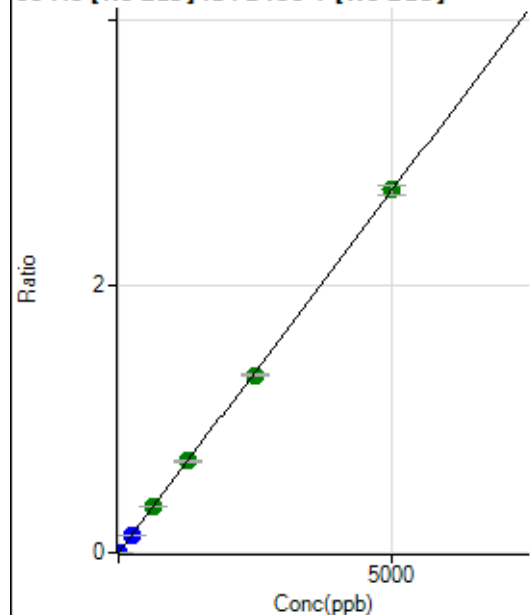
$$R = 1.0000$$

$$DL = 0.03113$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	411.14	0.0001	P	6.7
2	☐	0.500					
3	☐	5.000	5.101	20947.53	0.0028	P	0.9
4	☐	250.000	250.711	1004672.34	0.1361	P	0.8
5	☐	625.000	632.982	2561477.18	0.3435	A	0.6
6	☐	1250.000	1266.656	5026310.53	0.6873	A	2.8
7	☐	2500.000	2457.565	10015923.05	1.3335	A	1.2
8	☐	5000.000	5016.020	20108327.19	2.7217	A	2.7
9	☐			31804.89	0.0044	P	0.2

$$y = 5.4259\text{E-}004 * x + 5.7122\text{E-}005$$

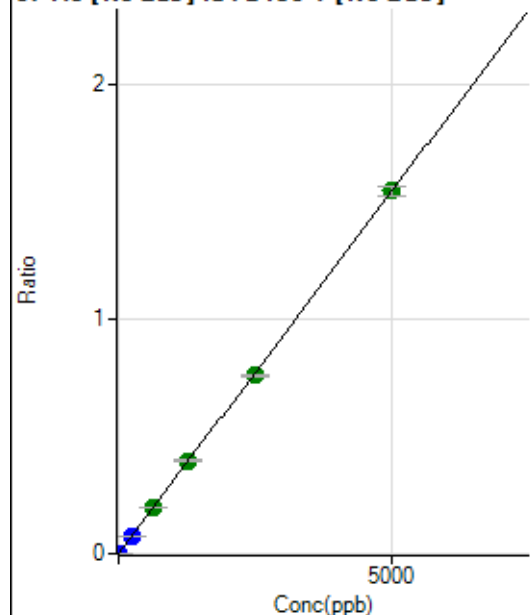
$$R = 0.9999$$

$$DL = 0.02101$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	305.57	0.0000	P	23.3
2	☐	0.500					
3	☐	5.000	5.016	11791.68	0.0016	P	1.6
4	☐	250.000	249.389	568416.67	0.0770	P	0.6
5	☐	625.000	626.149	1441046.70	0.1933	A	0.3
6	☐	1250.000	1280.971	2891058.42	0.3953	A	2.4
7	☐	2500.000	2465.898	5715482.86	0.7609	A	1.0
8	☐	5000.000	5009.195	11419979.68	1.5457	A	2.9
9	☐			17781.88	0.0025	P	3.2

$$y = 3.0857\text{E-}004 * x + 4.2540\text{E-}005$$

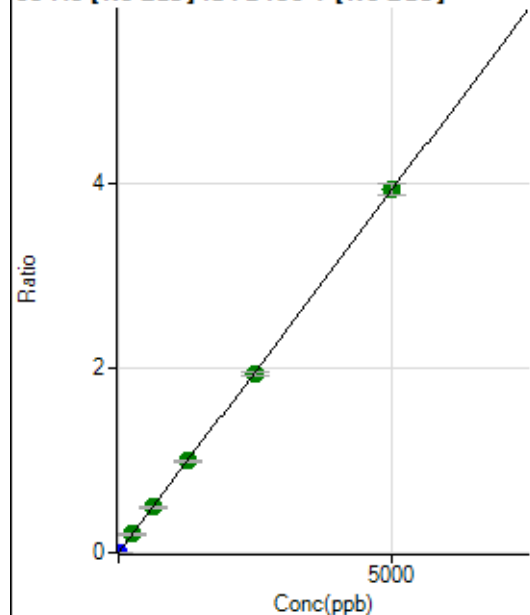
$$R = 0.9999$$

$$DL = 0.09616$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	536.15	0.0001	P	21.2
2	☐	0.500					
3	☐	5.000	5.120	30376.73	0.0041	P	0.9
4	☐	250.000	252.574	1465406.46	0.1985	A	0.7
5	☐	625.000	625.213	3663099.30	0.4912	A	0.7
6	☐	1250.000	1270.602	7300332.80	0.9983	A	2.6
7	☐	2500.000	2473.376	14594590.26	1.9431	A	1.5
8	☐	5000.000	5008.006	29066232.94	3.9343	A	3.0
9	☐			43888.67	0.0061	P	1.3

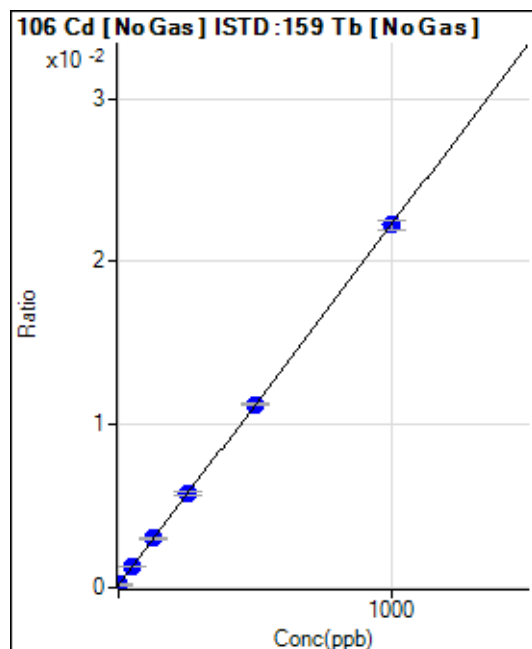
$$y = 7.8559\text{E-}004 * x + 7.4611\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.0603$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1386.24	0.0002	P	9.2
2	☐	0.100					
3	☐	1.000	0.389	1516.83	0.0002	P	10.5
4	☐	50.000	52.556	11035.53	0.0013	P	2.6
5	☐	125.000	128.790	25196.59	0.0030	P	2.7
6	☐	250.000	254.299	48463.37	0.0058	P	2.7
7	☐	500.000	499.155	95070.04	0.0112	P	1.0
8	☐	1000.000	998.747	186191.46	0.0222	P	2.7
9	☐			1472.37	0.0002	P	9.8

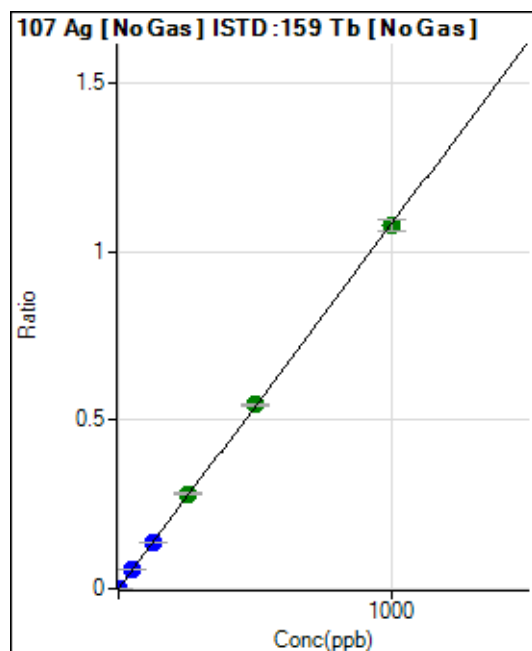
$$y = 2.2094\text{E-}005 * x + 1.7441\text{E-}004$$

$$R = 1.0000$$

$$DL = 2.189$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1219.56	0.0002	P	11.7
2	☐	0.100					
3	☐	1.000	1.019	10415.63	0.0013	P	3.6
4	☐	50.000	52.193	468021.36	0.0566	P	0.2
5	☐	125.000	127.852	1155738.54	0.1385	P	0.8
6	☐	250.000	259.976	2355005.80	0.2815	A	2.5
7	☐	500.000	504.272	4632718.55	0.5459	A	0.4
8	☐	1000.000	994.904	9014441.00	1.0769	A	3.0
9	☐			4045.26	0.0005	P	1.8

$$y = 0.0011 * x + 1.5351\text{E-}004$$

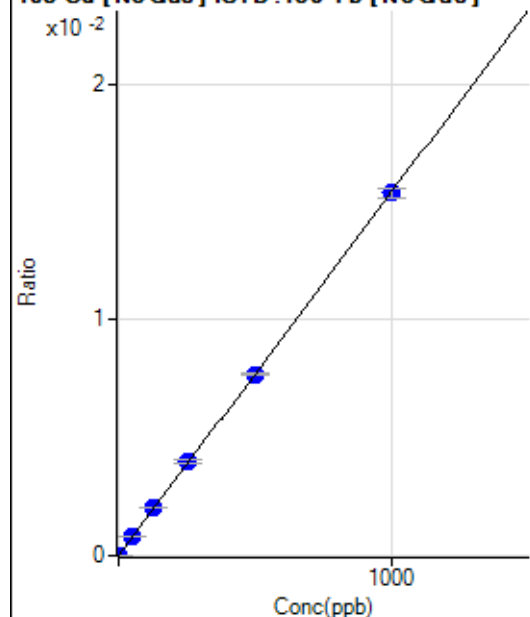
$$R = 0.9999$$

$$DL = 0.04975$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	20.83	0.0000	P	87.1
2	☐	0.100					
3	☐	1.000	1.068	158.34	0.0000	P	4.7
4	☐	50.000	53.334	6811.59	0.0008	P	3.0
5	☐	125.000	130.434	16789.90	0.0020	P	0.8
6	☐	250.000	258.342	33315.11	0.0040	P	3.8
7	☐	500.000	498.466	65197.39	0.0077	P	1.0
8	☐	1000.000	997.835	128729.62	0.0154	P	2.6
9	☐			44.45	0.0000	P	30.5

$$y = 1.5408\text{E-}005 * x + 2.6387\text{E-}006$$

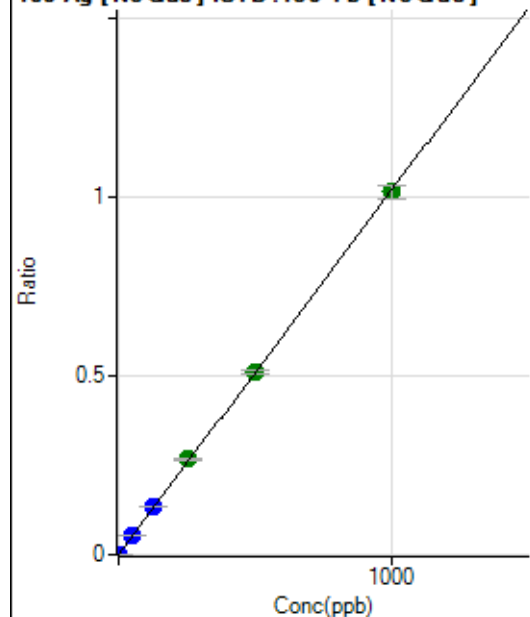
$$R = 1.0000$$

$$DL = 0.4473$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1175.11	0.0001	P	5.0
2	☐	0.100					
3	☐	1.000	1.021	9840.18	0.0012	P	2.4
4	☐	50.000	52.280	440477.23	0.0533	P	0.9
5	☐	125.000	129.602	1100754.77	0.1319	P	0.1
6	☐	250.000	261.432	2225344.32	0.2660	A	1.8
7	☐	500.000	501.319	4326769.41	0.5099	A	1.8
8	☐	1000.000	995.793	8476553.40	1.0127	A	3.5
9	☐			3714.56	0.0005	P	3.3

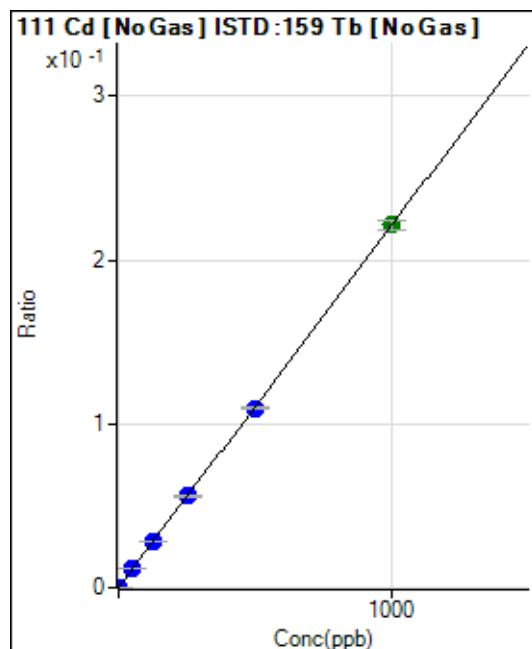
$$y = 0.0010 * x + 1.4786\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.02166$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1072.45	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.928	2817.79	0.0003	P	3.9
4	☐	50.000	51.461	95048.45	0.0115	P	1.3
5	☐	125.000	127.845	236756.60	0.0284	P	0.1
6	☐	250.000	252.971	468581.31	0.0560	P	2.9
7	☐	500.000	494.415	927949.89	0.1094	P	1.2
8	☐	1000.000	1001.621	1853392.43	0.2214	A	2.8
9	☐			1325.95	0.0002	P	9.8

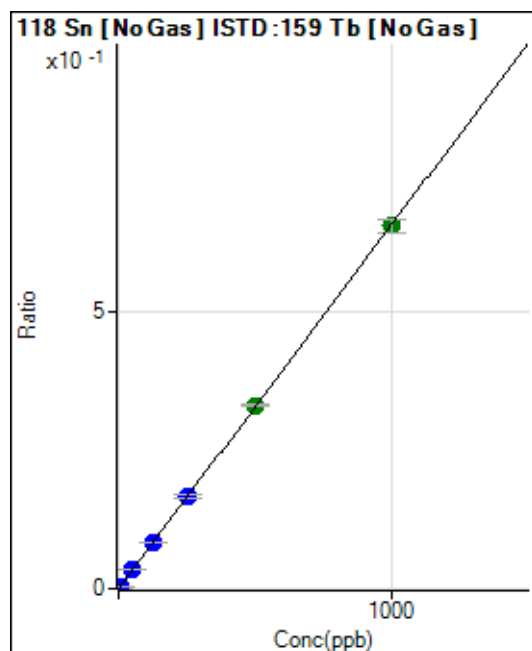
$$y = 2.2090\text{E-}004 * x + 1.3492\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.1841$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	316.68	0.0000	P	13.0
2	☐	0.500					
3	☐	5.000	5.267	29010.13	0.0035	P	1.3
4	☐	50.000	51.148	277822.73	0.0336	P	0.6
5	☐	125.000	126.226	691812.56	0.0829	P	0.4
6	☐	250.000	253.761	1394036.28	0.1667	P	2.9
7	☐	500.000	503.460	2805519.70	0.3306	A	0.9
8	☐	1000.000	997.118	5479635.97	0.6547	A	4.1
9	☐			6629.75	0.0008	P	2.8

$$y = 6.5658\text{E-}004 * x + 3.9868\text{E-}005$$

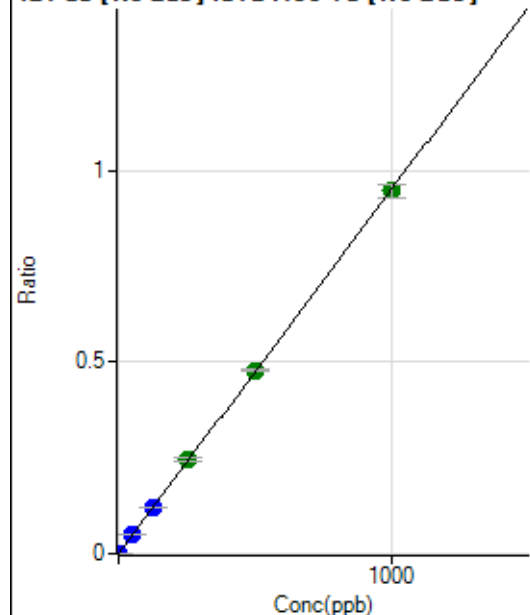
$$R = 1.0000$$

$$DL = 0.02361$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	163.90	0.0000	P	22.2
2	☐	0.200					
3	☐	2.000	2.030	16160.41	0.0019	P	3.7
4	☐	50.000	50.699	398006.73	0.0482	P	1.0
5	☐	125.000	126.845	1005225.74	0.1205	P	0.3
6	☐	250.000	258.082	2050113.05	0.2451	A	3.5
7	☐	500.000	502.891	4052976.26	0.4776	A	0.7
8	☐	1000.000	996.269	7919251.83	0.9461	A	3.6
9	☐			13749.32	0.0017	P	5.0

$$y = 9.4967E-004 * x + 2.0596E-005$$

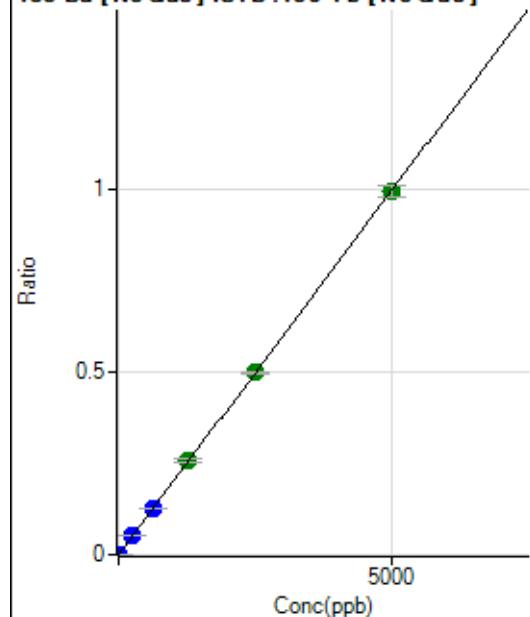
$$R = 1.0000$$

$$DL = 0.01443$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	227.79	0.0000	P	18.6
2	☐	1.000					
3	☐	10.000	9.996	16705.74	0.0020	P	0.7
4	☐	250.000	253.545	416364.60	0.0504	P	1.1
5	☐	625.000	635.399	1053247.45	0.1262	P	1.1
6	☐	1250.000	1289.876	2143278.84	0.2562	A	3.3
7	☐	2500.000	2504.922	4222443.50	0.4976	A	1.1
8	☐	5000.000	4986.093	8290286.73	0.9904	A	3.3
9	☐			1711.29	0.0002	P	0.9

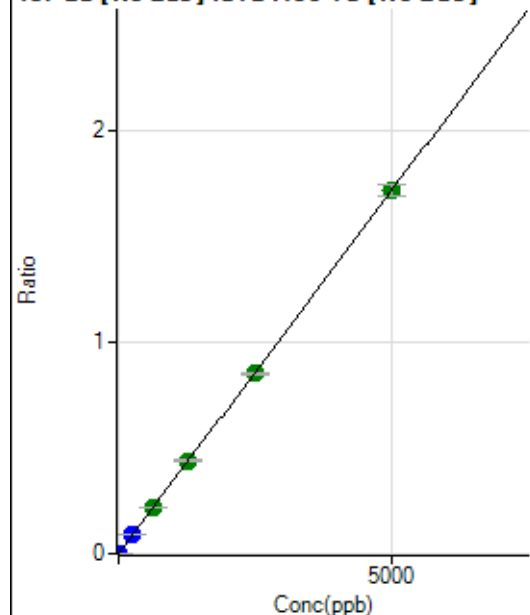
$$y = 1.9863E-004 * x + 2.8700E-005$$

$$R = 1.0000$$

$$DL = 0.08053$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	333.35	0.0000	P	15.4
2	☐	1.000					
3	☐	10.000	10.037	28918.76	0.0035	P	2.8
4	☐	250.000	255.497	725065.45	0.0877	P	0.9
5	☐	625.000	643.691	1843969.85	0.2210	A	0.8
6	☐	1250.000	1279.214	3673831.90	0.4392	A	2.6
7	☐	2500.000	2483.667	7235336.62	0.8526	A	1.1
8	☐	5000.000	4998.252	14362800.15	1.7158	A	3.1
9	☐			2981.03	0.0004	P	8.1

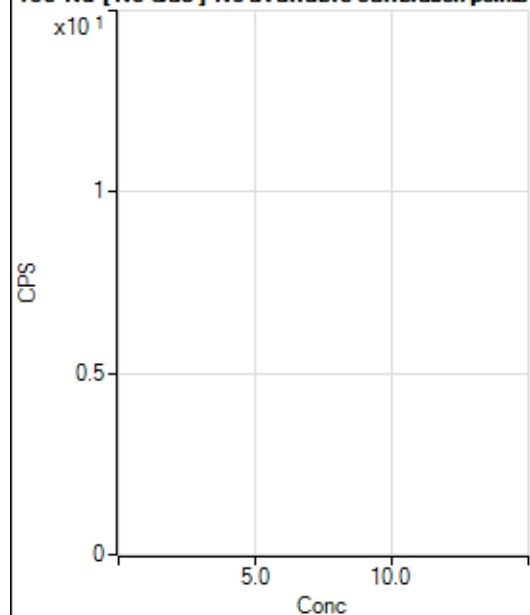
$$y = 3.4328\text{E-}004 * x + 4.1938\text{E-}005$$

$$R = 1.0000$$

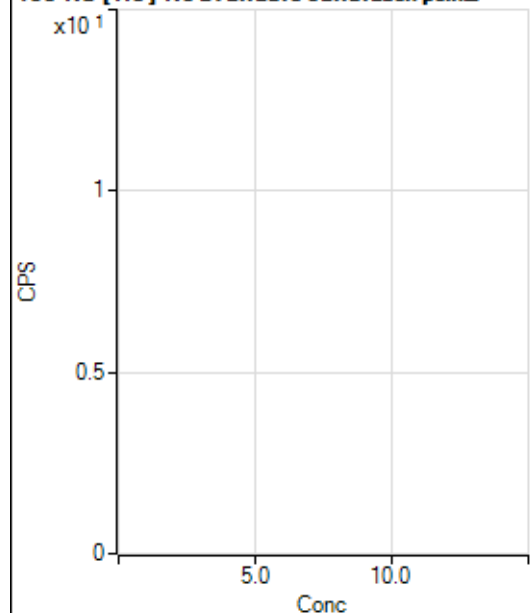
$$DL = 0.05647$$

Weight: <None>

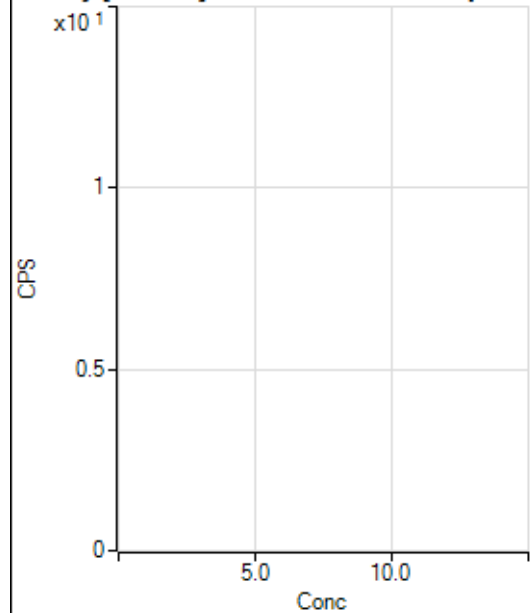
Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

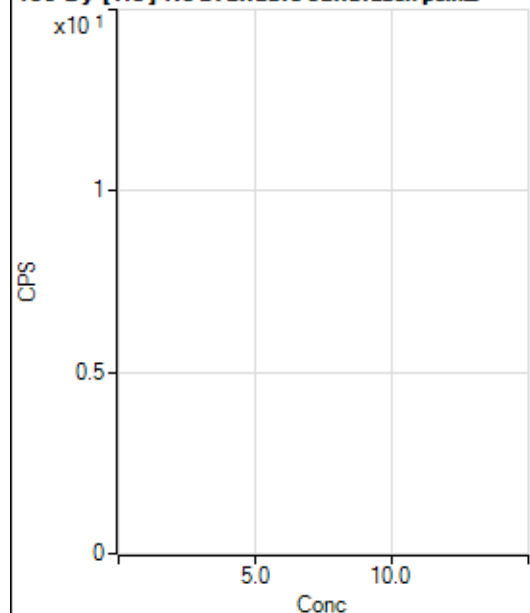
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	91.7
2	☐						
3	☐			13.33		P	50.0
4	☐			31.11		P	32.7
5	☐			48.89		P	20.8
6	☐			104.45		P	9.7
7	☐			164.45		P	22.3
8	☐			293.35		P	13.8
9	☐			122.23		P	12.6

150 Nd [He] No available calibration points

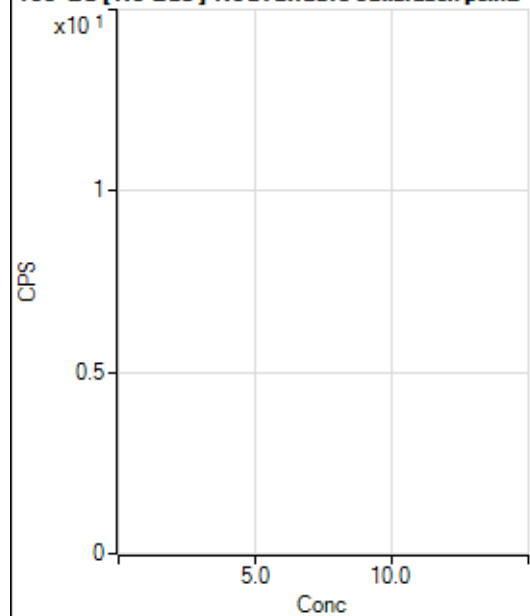
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.2
2	☐						
3	☐			1.11		P	173.2
4	☐			1.11		P	173.2
5	☐			2.22		P	173.2
6	☐			2.22		P	86.6
7	☐			7.78		P	89.2
8	☐			16.67		P	NaN
9	☐			25.56		P	32.8

156 Dy [No Gas] No available calibration points

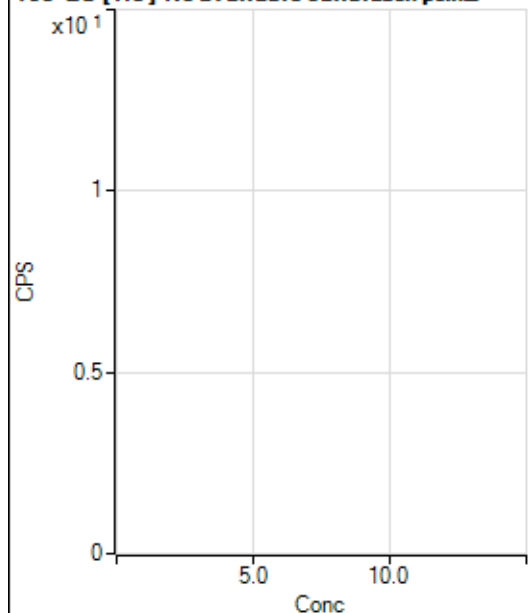
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			19.44		P	49.5
4	☐			25.00		P	88.2
5	☐			27.78		P	34.6
6	☐			25.00		P	33.3
7	☐			47.22		P	36.7
8	☐			97.23		P	19.8
9	☐			69.45		P	25.0

156 Dy [He] No available calibration points

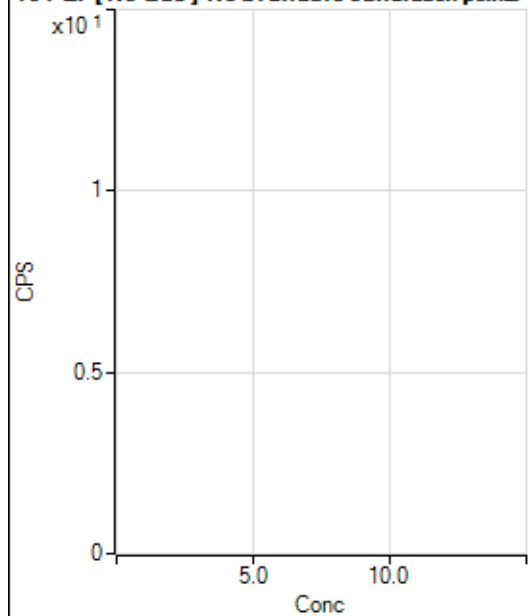
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			0.00		P	
4	☐			4.45		P	86.6
5	☐			2.22		P	86.6
6	☐			3.33		P	0.0
7	☐			1.11		P	173.2
8	☐			4.44		P	43.4
9	☐			15.56		P	49.5

160 Gd [No Gas] Noavailable calibration poin_

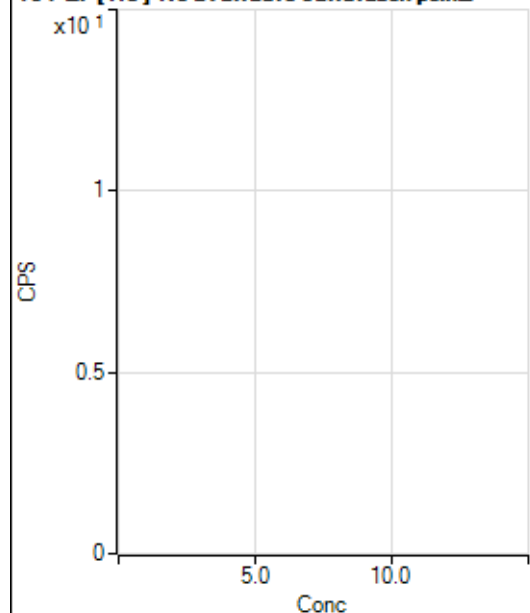
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			55.56		P	37.8
2	☐						
3	☐			66.67		P	75.0
4	☐			44.45		P	28.7
5	☐			69.45		P	50.0
6	☐			52.78		P	65.7
7	☐			72.22		P	52.0
8	☐			61.11		P	20.8
9	☐			94.45		P	28.4

160 Gd [He] No available calibration points

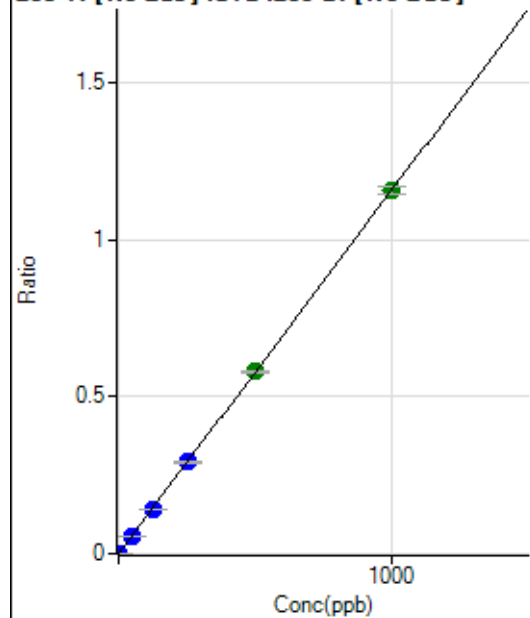
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			8.89		P	43.3
4	☐			8.89		P	78.1
5	☐			15.56		P	81.1
6	☐			7.78		P	65.5
7	☐			16.67		P	20.0
8	☐			16.67		P	20.0
9	☐			22.22		P	17.3

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			22.22		P	78.1
2	☐						
3	☐			44.44		P	43.3
4	☐			22.22		P	21.6
5	☐			61.11		P	20.8
6	☐			36.11		P	58.1
7	☐			25.00		P	57.7
8	☐			33.34		P	86.6
9	☐			38.89		P	81.1

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			10.00		P	88.2
2	☐						
3	☐			7.78		P	49.5
4	☐			11.11		P	62.5
5	☐			16.67		P	72.1
6	☐			5.56		P	34.7
7	☐			3.33		P	100.1
8	☐			11.11		P	96.4
9	☐			17.78		P	39.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	561.15	0.0001	P	3.8
2	☐	0.100					
3	☐	1.000	1.004	6451.92	0.0013	P	3.1
4	☐	50.000	49.369	285459.86	0.0572	P	1.9
5	☐	125.000	123.806	724698.14	0.1433	P	0.3
6	☐	250.000	251.625	1461206.80	0.2912	P	3.0
7	☐	500.000	501.265	2955009.57	0.5799	A	0.4
8	☐	1000.000	999.142	5737028.82	1.1558	A	2.2
9	☐			2906.04	0.0006	P	9.7

$$y = 0.0012 * x + 1.1553E-004$$

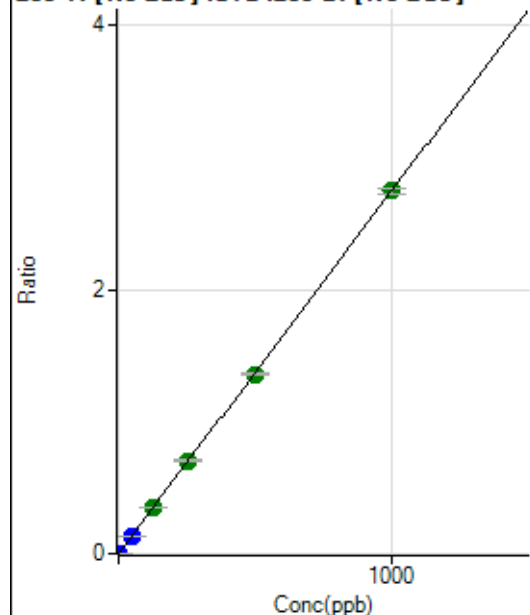
$$R = 1.0000$$

$$DL = 0.01147$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1586.29	0.0003	P	2.8
2	☐	0.100					
3	☐	1.000	1.004	15565.83	0.0031	P	3.2
4	☐	50.000	49.868	684697.40	0.1372	P	1.4
5	☐	125.000	126.944	1763980.25	0.3488	A	1.0
6	☐	250.000	256.979	3542262.32	0.7058	A	3.2
7	☐	500.000	494.826	6924253.45	1.3588	A	0.5
8	☐	1000.000	1000.606	13638338.33	2.7474	A	1.8
9	☐			7063.40	0.0015	P	4.0

$$y = 0.0027 * x + 3.2655E-004$$

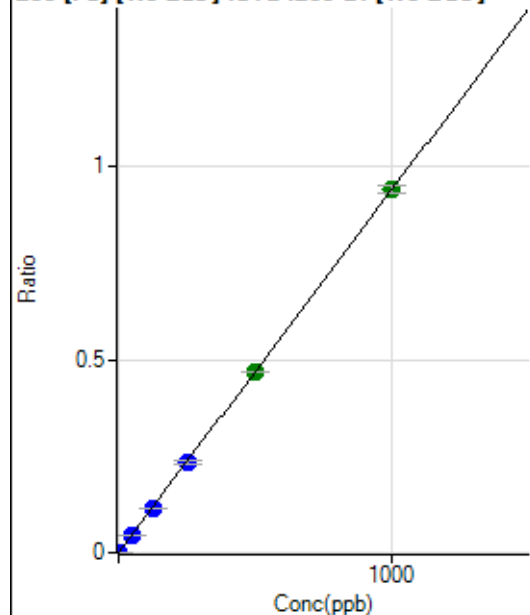
$$R = 1.0000$$

$$DL = 0.009906$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	800.05	0.0002	P	6.8
2	☐	0.100					
3	☐	1.000	0.971	5432.80	0.0011	P	1.0
4	☐	50.000	49.503	232374.03	0.0466	P	1.3
5	☐	125.000	123.980	588578.72	0.1164	P	0.8
6	☐	250.000	249.176	1173218.16	0.2338	P	3.0
7	☐	500.000	498.258	2381156.91	0.4673	A	0.7
8	☐	1000.000	1001.230	4660005.08	0.9388	A	2.3
9	☐			5707.02	0.0013	P	2.9

$$y = 9.3749E-004 * x + 1.6483E-004$$

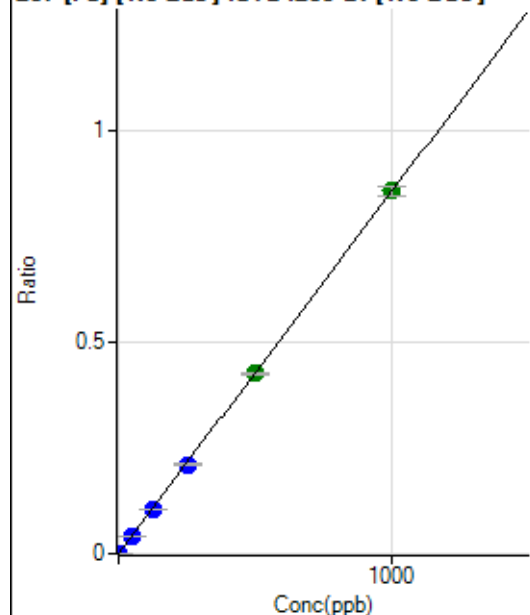
$$R = 1.0000$$

$$DL = 0.03576$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	744.49	0.0002	P	4.0
2	☐	0.100					
3	☐	1.000	0.990	5058.58	0.0010	P	1.4
4	☐	50.000	48.591	208459.60	0.0418	P	1.4
5	☐	125.000	121.880	528770.75	0.1046	P	0.8
6	☐	250.000	246.123	1059117.88	0.2110	P	2.2
7	☐	500.000	497.418	2172360.24	0.4263	A	0.8
8	☐	1000.000	1002.721	4264829.44	0.8592	A	2.3
9	☐			4841.80	0.0011	P	0.5

$$y = 8.5670\text{E-}004 * x + 1.5335\text{E-}004$$

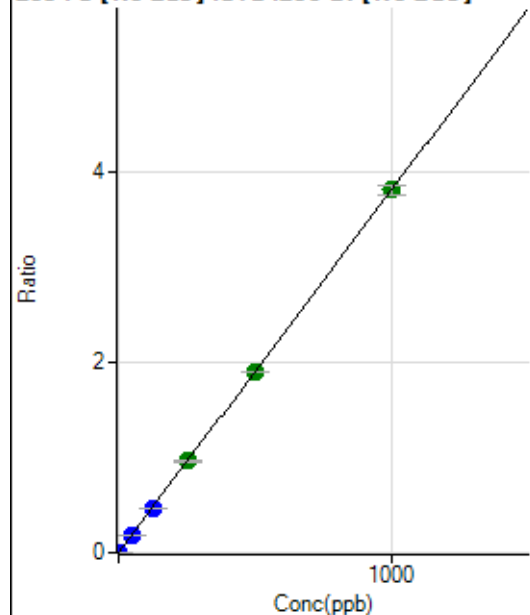
$$R = 1.0000$$

$$DL = 0.02162$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3329.91	0.0007	P	6.4
2	☐	0.100					
3	☐	1.000	0.964	21989.53	0.0044	P	1.5
4	☐	50.000	49.282	939141.29	0.1882	P	1.2
5	☐	125.000	123.318	2376557.02	0.4700	P	0.7
6	☐	250.000	253.165	4838960.98	0.9641	A	2.5
7	☐	500.000	498.215	9665148.40	1.8967	A	0.3
8	☐	1000.000	1000.348	18898883.47	3.8076	A	2.5
9	☐			22406.55	0.0049	P	0.5

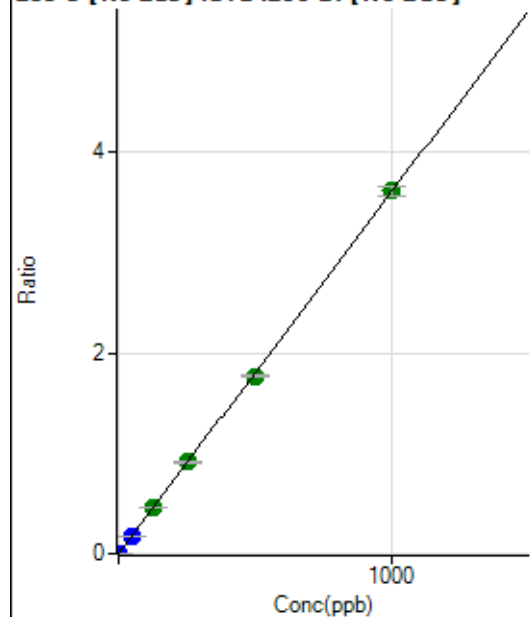
$$y = 0.0038 * x + 6.8572\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.03462$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1861.34	0.0004	P	1.3
2	☐	0.100					
3	☐	1.000	0.953	19285.08	0.0038	P	2.5
4	☐	50.000	48.869	880953.87	0.1766	P	0.8
5	☐	125.000	127.284	2322352.81	0.4593	A	0.6
6	☐	250.000	253.208	4584324.97	0.9132	A	2.0
7	☐	500.000	491.557	9032087.87	1.7725	A	1.0
8	☐	1000.000	1003.191	17952312.03	3.6170	A	2.7
9	☐			3069.97	0.0007	P	6.4

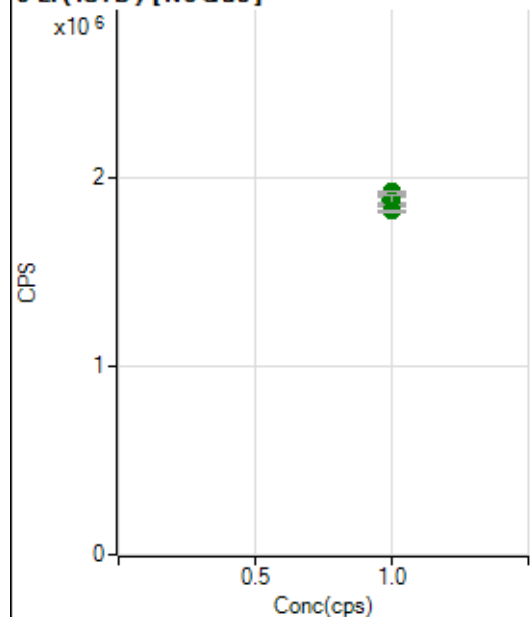
$$y = 0.0036 * x + 3.8323E-004$$

$$R = 0.9999$$

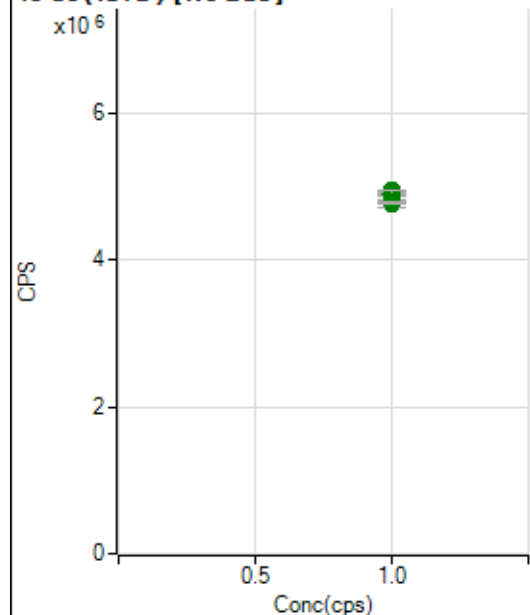
$$DL = 0.004145$$

Weight: <None>

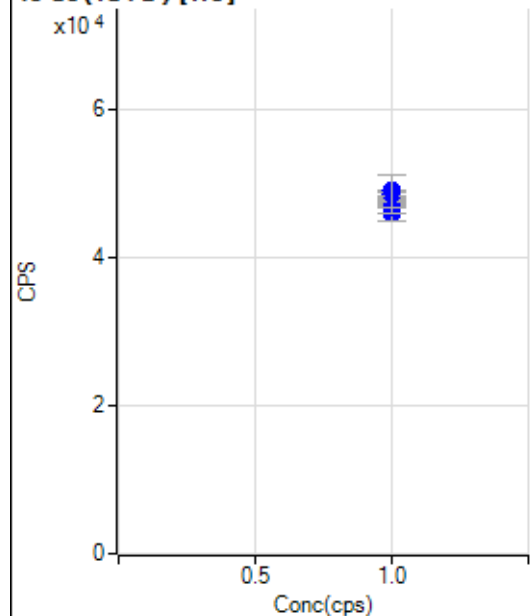
Min Conc: 0

6 Li (ISTD) [No Gas]

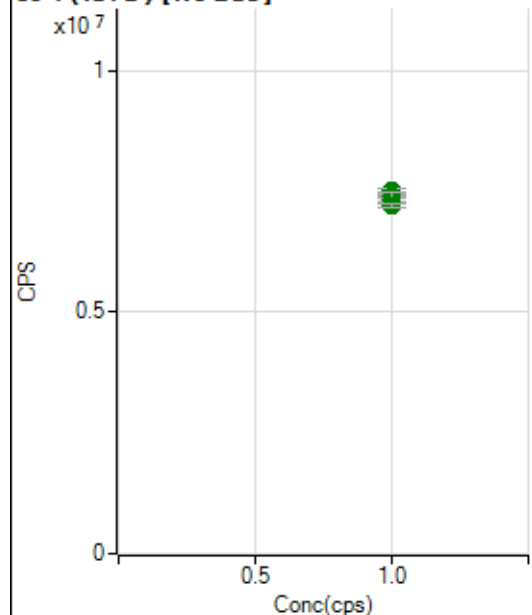
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1856840.79		A	1.1
2	☐	1.000					
3	☐	1.000		1922102.36		A	0.4
4	☐	1.000		1898135.06		A	0.5
5	☐	1.000		1919936.29		A	0.4
6	☐	1.000		1882242.33		A	1.6
7	☐	1.000		1919572.37		A	0.9
8	☐	1.000		1877438.76		A	2.5
9	☐	1.000		1818752.59		A	0.8

45 Sc (ISTD) [No Gas]

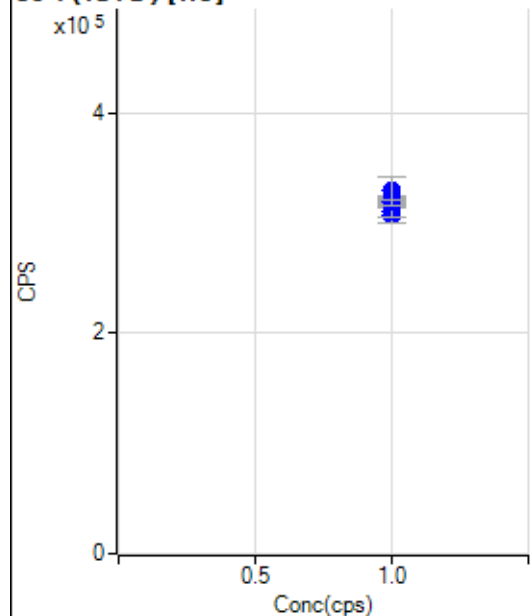
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4757701.06		A	1.6
2	☐	1.000					
3	☐	1.000		4905845.33		A	0.6
4	☐	1.000		4939365.48		A	0.2
5	☐	1.000		4891122.33		A	0.2
6	☐	1.000		4813605.27		A	2.2
7	☐	1.000		4939253.45		A	0.6
8	☐	1.000		4891059.09		A	2.5
9	☐	1.000		4782830.06		A	0.6

45 Sc (ISTD) [He]

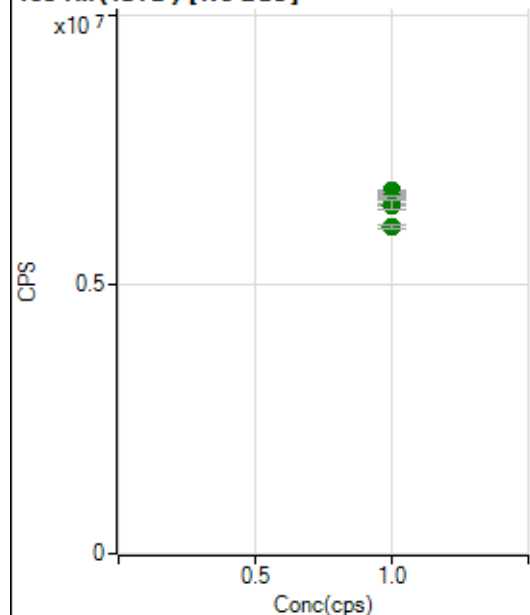
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		47601.57		P	1.1
2	☐	1.000					
3	☐	1.000		48469.06		P	1.7
4	☐	1.000		47988.55		P	0.9
5	☐	1.000		45943.06		P	4.6
6	☐	1.000		46722.10		P	3.1
7	☐	1.000		48540.32		P	1.4
8	☐	1.000		48719.84		P	1.3
9	☐	1.000		49040.32		P	9.1

89 Y (ISTD) [No Gas]

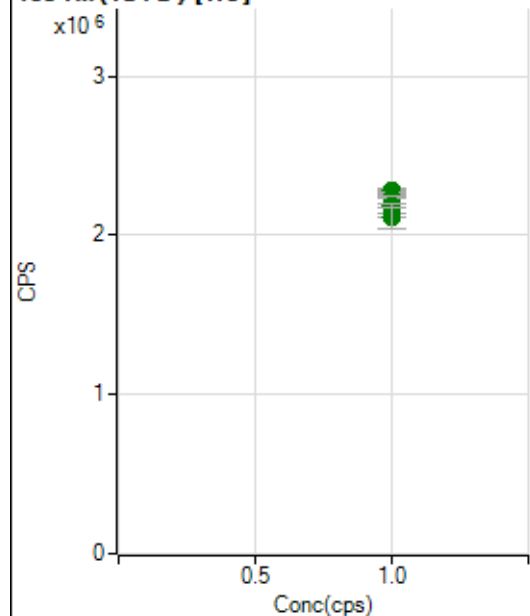
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7198495.58		A	1.4
2	☐	1.000					
3	☐	1.000		7415126.56		A	0.8
4	☐	1.000		7382575.72		A	0.3
5	☐	1.000		7456867.39		A	0.3
6	☐	1.000		7315988.64		A	2.3
7	☐	1.000		7511716.90		A	1.2
8	☐	1.000		7391973.43		A	2.8
9	☐	1.000		7201002.33		A	0.9

89 Y (ISTD) [He]

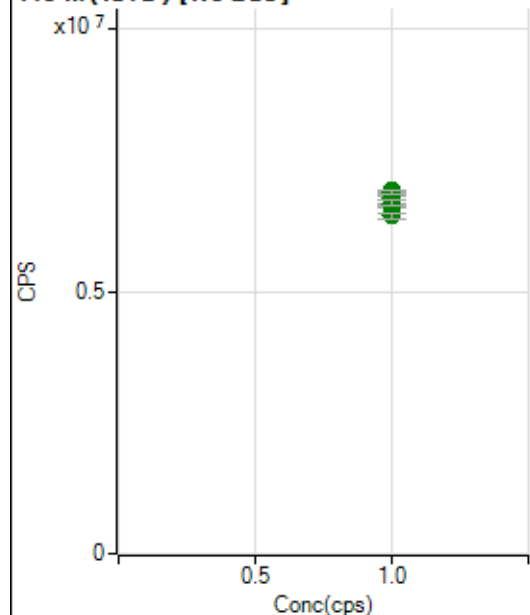
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		315923.74		P	0.9
2	☐	1.000					
3	☐	1.000		321550.85		P	1.6
4	☐	1.000		321847.80		P	0.8
5	☐	1.000		307518.87		P	5.2
6	☐	1.000		310607.51		P	3.5
7	☐	1.000		319177.42		P	0.5
8	☐	1.000		319100.33		P	1.8
9	☐	1.000		329270.07		P	8.0

103 Rh (ISTD) [No Gas]

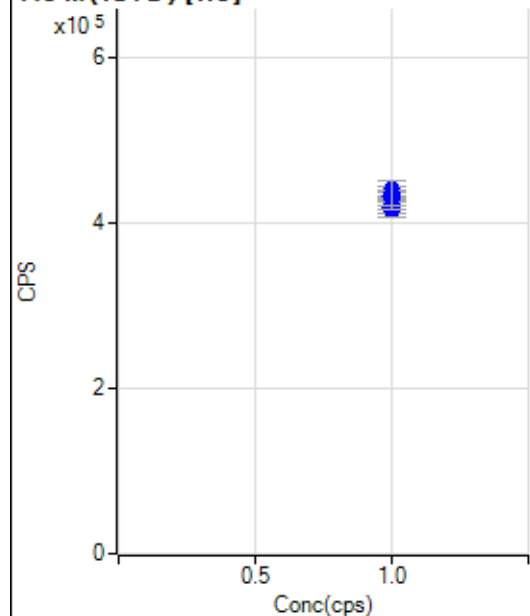
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6517973.02		A	1.6
2	☐	1.000					
3	☐	1.000		6742850.50		A	0.4
4	☐	1.000		6697395.33		A	0.3
5	☐	1.000		6686970.76		A	0.7
6	☐	1.000		6597937.21		A	3.1
7	☐	1.000		6628255.40		A	0.6
8	☐	1.000		6477381.09		A	2.9
9	☐	1.000		6066263.55		A	1.2

103 Rh (ISTD) [He]

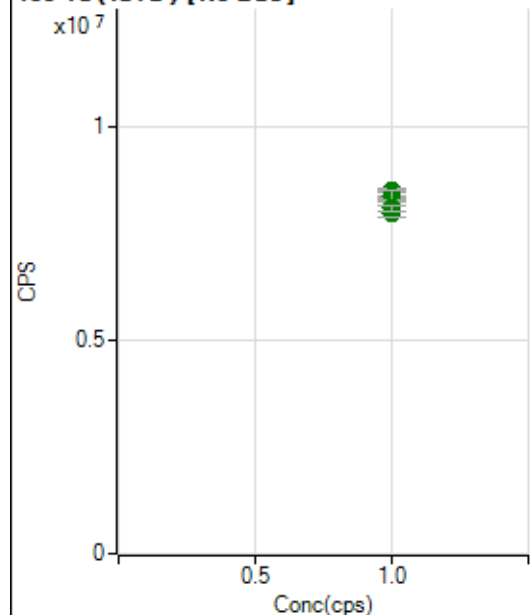
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2266063.77		A	0.9
2	☐	1.000					
3	☐	1.000		2278107.92		A	1.5
4	☐	1.000		2268103.21		A	0.6
5	☐	1.000		2173711.81		A	5.3
6	☐	1.000		2193478.32		A	5.0
7	☐	1.000		2236035.92		A	0.5
8	☐	1.000		2185774.41		A	1.1
9	☐	1.000		2119008.51		A	7.0

115 In (ISTD) [No Gas]

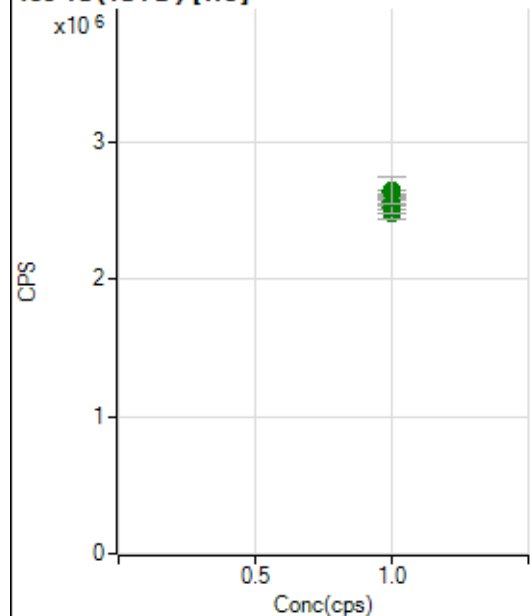
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6616367.95		A	1.2
2	☐	1.000					
3	☐	1.000		6866359.87		A	0.3
4	☐	1.000		6911907.47		A	0.8
5	☐	1.000		6854720.77		A	0.4
6	☐	1.000		6774487.32		A	1.3
7	☐	1.000		6879560.21		A	0.8
8	☐	1.000		6673006.37		A	1.7
9	☐	1.000		6431495.88		A	1.7

115 In (ISTD) [He]

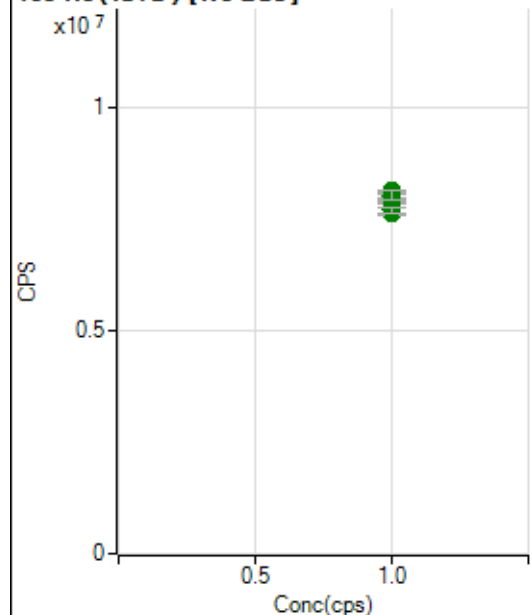
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		429766.27		P	1.0
2	☐	1.000					
3	☐	1.000		438960.62		P	2.4
4	☐	1.000		438364.96		P	0.6
5	☐	1.000		417606.89		P	5.0
6	☐	1.000		421028.93		P	4.2
7	☐	1.000		427920.79		P	0.5
8	☐	1.000		418848.76		P	1.2
9	☐	1.000		433820.66		P	8.2

159 Tb (ISTD) [No Gas]

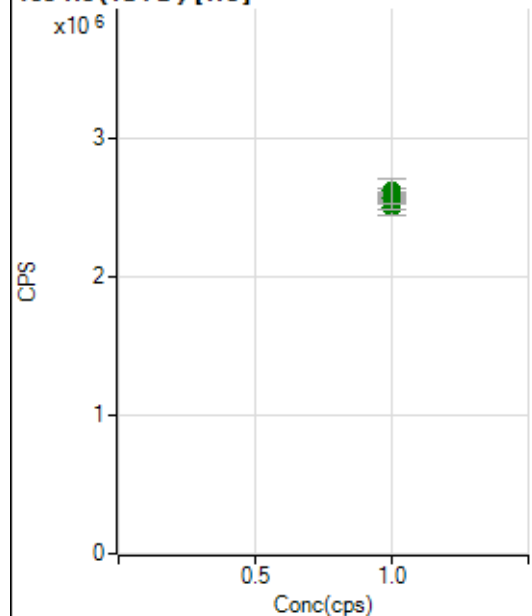
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7950711.48		A	1.5
2	☐	1.000					
3	☐	1.000		8293754.81		A	1.0
4	☐	1.000		8263173.14		A	0.5
5	☐	1.000		8343426.82		A	0.1
6	☐	1.000		8369446.96		A	2.8
7	☐	1.000		8486616.27		A	1.2
8	☐	1.000		8375519.73		A	2.8
9	☐	1.000		8075820.09		A	1.8

159 Tb (ISTD) [He]

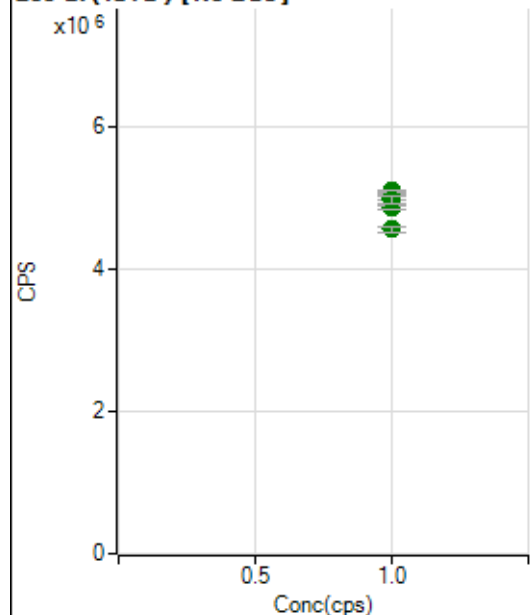
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2528693.11		A	1.6
2	☐	1.000					
3	☐	1.000		2562849.96		A	1.5
4	☐	1.000		2587939.25		A	1.1
5	☐	1.000		2485281.14		A	4.0
6	☐	1.000		2529291.60		A	4.1
7	☐	1.000		2597835.53		A	0.3
8	☐	1.000		2630989.16		A	0.9
9	☐	1.000		2645127.22		A	7.3

165 Ho (ISTD) [No Gas]

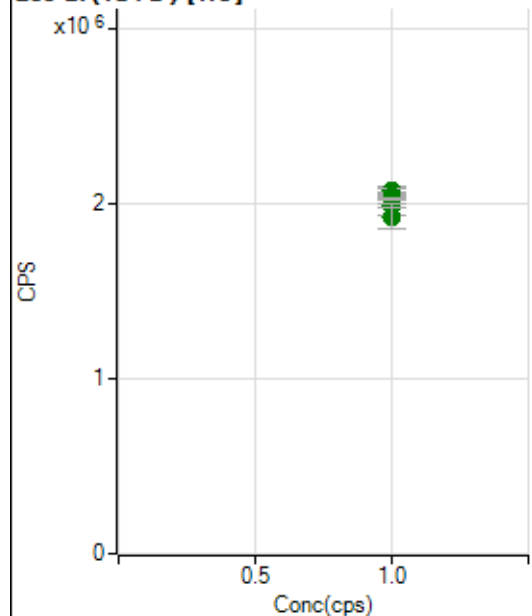
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7606464.06		A	0.9
2	☐	1.000					
3	☐	1.000		7859134.20		A	0.6
4	☐	1.000		7886970.57		A	0.3
5	☐	1.000		7972790.98		A	0.5
6	☐	1.000		7997161.20		A	1.4
7	☐	1.000		8127855.91		A	0.7
8	☐	1.000		8027756.60		A	3.0
9	☐	1.000		7698980.55		A	1.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2550938.56		A	1.9
2	☐	1.000					
3	☐	1.000		2578743.76		A	2.4
4	☐	1.000		2597459.25		A	0.2
5	☐	1.000		2506982.71		A	4.6
6	☐	1.000		2537053.09		A	4.1
7	☐	1.000		2611482.08		A	0.6
8	☐	1.000		2624283.16		A	1.6
9	☐	1.000		2623614.65		A	6.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4856540.83		A	1.4
2	☐	1.000					
3	☐	1.000		5051367.32		A	1.0
4	☐	1.000		4989790.10		A	1.2
5	☐	1.000		5056782.32		A	0.2
6	☐	1.000		5021147.15		A	2.5
7	☐	1.000		5095828.33		A	0.4
8	☐	1.000		4965574.68		A	2.5
9	☐	1.000		4559370.04		A	1.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2058527.33		A	0.7
2	☐	1.000					
3	☐	1.000		2074412.30		A	2.4
4	☐	1.000		2075698.34		A	0.9
5	☐	1.000		1992451.34		A	5.1
6	☐	1.000		2007823.97		A	3.2
7	☐	1.000		2051348.29		A	0.8
8	☐	1.000		2032032.12		A	0.5
9	☐	1.000		1929623.56		A	7.6

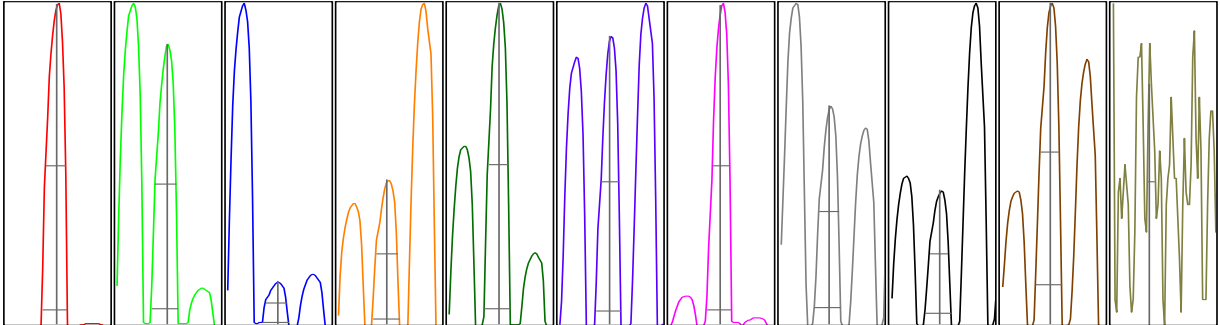
US EPA Tune Check Sample Report

Batch Folder D:\P8102718-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	8111	1.50	5.00	
24	75239	0.98	5.00	
25	10172	1.20	5.00	
26	12067	1.19	5.00	
59	74738	1.27	5.00	
113	8885	1.42	5.00	
115	107092	1.34	5.00	
206	22936	1.47	5.00	
207	21517	0.98	5.00	
208	50215	1.08	5.00	
220	1	20.86		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	8092	8129	8263	8143	7926
24	75335	75270	76120	75393	74077
25	10124	10180	10317	10243	9996
26	12035	12068	12287	12060	11885
59	74614	74805	75696	75346	73228
113	8964	8849	8989	8942	8679
115	106621	107099	108988	107680	105071
206	22725	22931	23275	23252	22495
207	21472	21411	21798	21650	21253
208	50122	50071	50860	50579	49444
220	1	2	1	2	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	14767	9.00	8.9 - 9.1		0.732	0.900	
24	133844	24.00	23.9 - 24.1		0.775	0.900	
25	17973	25.00	24.9 - 25.1		0.736	0.900	
26	21283	25.95	25.9 - 26.1		0.778	0.900	
59	136023	59.00	58.9 - 59.1		0.738	0.900	
113	17318	113.00	112.9 - 113.1		0.728	0.900	
115	208943	115.00	114.9 - 115.1		0.722	0.900	
206	43040	205.95	205.9 - 206.1		0.741	0.900	
207	38926	206.95	206.9 - 207.1		0.745	0.900	
208	92979	207.95	207.9 - 208.1		0.743	0.900	
220	2	219.65	-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	15.6	V
Extract 2	-225.0	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	190	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	10672	0.74	
89	3230	0.79	
205	15797	0.80	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	10785	10709	10671	10602	10595
89	3248	3243	3251	3193	3213
205	15980	15818	15824	15721	15643

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.8	V	Deflect	3.0	V
Extract 2	-225.0	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 :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.06	-1.57	0.51	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	-0.01	0.00	N/A	ppb
Arsenic	75-2	0.06	0.00	-0.06	0.00	N/A	ppb
Barium	135-1	0.02	-0.03	0.01	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.57	-0.37	-0.20	0.00	N/A	ppb
Boron	11-1	-0.09	0.24	-0.14	0.00	N/A	ppb
Cadmium	111-1	0.05	0.02	-0.07	0.00	N/A	ppb
Cadmium	106-1	0.67	0.10	-0.77	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.17	0.10	0.00	N/A	ppb
Calcium	43-1	1.25	-2.95	1.71	0.00	N/A	ppb
Calcium	44-1	2.78	-3.33	0.55	0.00	N/A	ppb
Chromium	52-2	0.04	-0.01	-0.03	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.03	-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	-0.10	0.00	0.10	0.00	N/A	ppb
Iron	57-2	-0.51	0.13	0.39	0.00	N/A	ppb
Krypton	83-1	48.65	-295.01	246.36	0.00	N/A	ppb
Lead	206-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	-0.01	0.01	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	1.62	-1.29	-0.32	0.00	N/A	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.02	0.03	-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	0.03	-0.03	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.02	-0.01	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Phosphorus	31-2	2.12	15.40	-10.80	2.24	584.66	ppb
Potassium	39-2	9.50	-1.73	-7.76	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	-2.22	-2.22	4.44	0.00	N/A	ppb
Selenium	78-2	1.33	-1.50	0.16	0.00	N/A	ppb
Selenium	82-1	-0.10	-0.17	0.27	0.00	N/A	ppb
Silicon	28-1	1.75	-0.94	-0.82	0.00	N/A	ppb
Silver	109-1	0.01	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.02	0.00	-0.01	0.00	N/A	ppb
Sodium	23-2	3.11	-4.23	1.12	0.00	N/A	ppb
Strontium	86-1	-0.03	-0.02	0.05	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	327.14	-33.22	8.20	100.71	195.80	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	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	0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	0.11	-0.07	-0.04	0.00	N/A	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.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	-0.01	-0.01	0.02	0.00	N/A	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.43	23.35	18.63	20.80	11.43	ppb
Antimony	121-1	2.01	2.11	1.96	2.03	3.77	ppb
Arsenic	75-2	1.00	1.11	1.06	1.06	5.15	ppb
Barium	135-1	9.99	10.07	9.94	10.00	0.67	ppb
Barium	137-1	9.73	10.09	10.29	10.04	2.82	ppb
Beryllium	9-1	1.01	0.90	0.88	0.93	7.42	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	26.01	23.63	24.17	24.60	5.07	ppb
Boron	11-1	23.81	25.92	26.63	25.45	5.77	ppb
Cadmium	111-1	0.89	0.90	1.00	0.93	6.49	ppb
Cadmium	106-1	-0.24	0.03	1.38	0.39	223.32	ppb
Cadmium	108-1	1.12	1.00	1.08	1.07	5.50	ppb
Calcium	43-1	483.17	476.64	484.80	481.54	0.90	ppb
Calcium	44-1	486.45	481.65	480.91	483.00	0.62	ppb
Chromium	52-2	2.27	2.11	2.21	2.20	3.64	ppb
Cobalt	59-2	0.99	0.97	1.02	0.99	2.60	ppb
Copper	63-2	2.18	2.17	2.16	2.17	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	55.92	52.57	55.21	54.56	3.24	ppb
Iron	57-2	49.76	54.18	53.20	52.38	4.44	ppb
Krypton	83-1	66.99	127.41	405.01	199.80	90.22	ppb
Lead	206-1	0.96	0.98	0.97	0.97	1.20	ppb
Lead	207-1	0.99	0.98	1.01	0.99	1.63	ppb
Lead	208-1	0.95	0.95	0.98	0.96	1.74	ppb
Lithium	6-1				104		%
Magnesium	24-2	533.68	539.18	543.26	538.71	0.89	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.17	1.24	1.12	13.47	ppb
Molybdenum	94-1	5.35	5.01	5.02	5.13	3.77	ppb
Molybdenum	95-1	5.02	5.15	5.18	5.12	1.67	ppb
Molybdenum	96-1	5.14	5.05	5.11	5.10	0.87	ppb
Molybdenum	97-1	4.98	4.96	5.11	5.02	1.67	ppb
Molybdenum	98-1	5.07	5.12	5.17	5.12	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.29	1.04	1.13	1.15	10.98	ppb
Phosphorus	31-2	14.88	-10.80	-10.80	-2.24		ppb
Potassium	39-2	507.39	501.14	511.52	506.68	1.03	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	10.84	-2.22	4.50	4.38	149.23	ppb
Selenium	78-2	2.85	6.15	4.68	4.56	36.23	ppb
Selenium	82-1	5.00	5.23	5.55	5.26	5.29	ppb
Silicon	28-1	15.02	25.32	14.14	18.16	34.23	ppb
Silver	109-1	1.02	0.99	1.05	1.02	2.70	ppb
Silver	107-1	0.98	1.06	1.02	1.02	4.08	ppb
Sodium	23-2	510.56	511.99	545.85	522.80	3.82	ppb
Strontium	86-1	1.00	1.07	1.14	1.07	6.57	ppb
Strontium	88-1	1.02	1.08	1.02	1.04	2.91	ppb
Sulfur	34-1	73.48	-176.50	-199.11	-100.71		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	1.04	0.99	0.98	1.00	3.45	ppb
Thallium	205-1	0.97	1.00	1.04	1.00	3.53	ppb
Tin	118-1	5.19	5.30	5.32	5.27	1.31	ppb
Titanium	47-1	5.07	4.86	5.02	4.98	2.14	ppb
Uranium	238-1	0.93	0.95	0.98	0.95	2.73	ppb
Vanadium	51-2	5.25	5.24	5.19	5.23	0.62	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	2.21	2.46	2.46	2.37	6.11	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.09	1.04	1.04	1.06	2.69	ppb
Zirconium	91-1	0.97	0.99	1.13	1.03	7.96	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:02:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1007.61	981.89	1021.75	1003.75	2.01	ppb
Antimony	121-1	51.29	50.43	50.38	50.70	1.01	ppb
Arsenic	75-2	49.28	51.46	49.89	50.21	2.24	ppb
Barium	135-1	256.70	251.82	252.11	253.55	1.08	ppb
Barium	137-1	257.92	253.29	255.28	255.50	0.91	ppb
Beryllium	9-1	51.15	50.25	49.93	50.44	1.26	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	50.10	50.48	51.55	50.71	1.48	ppb
Boron	11-1	47.66	50.25	50.77	49.56	3.36	ppb
Cadmium	111-1	51.79	50.67	51.92	51.46	1.33	ppb
Cadmium	106-1	54.19	51.02	52.46	52.56	3.02	ppb
Cadmium	108-1	54.87	53.49	51.64	53.33	3.03	ppb
Calcium	43-1	4825.88	4872.36	4825.98	4841.41	0.55	ppb
Calcium	44-1	4965.15	4949.96	4916.49	4943.87	0.50	ppb
Chromium	52-2	53.11	51.86	51.37	52.11	1.73	ppb
Cobalt	59-2	52.26	52.05	51.86	52.06	0.39	ppb
Copper	63-2	106.93	105.12	103.91	105.32	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	2736.51	2749.07	2683.90	2723.16	1.27	ppb
Iron	57-2	2718.53	2624.09	2646.90	2663.17	1.85	ppb
Krypton	83-1	582.16	514.58	539.02	545.25	6.28	ppb
Lead	206-1	49.88	49.88	48.75	49.50	1.31	ppb
Lead	207-1	49.38	48.26	48.14	48.59	1.41	ppb
Lead	208-1	49.87	49.32	48.65	49.28	1.24	ppb
Lithium	6-1				102		%
Magnesium	24-2	5395.00	5389.33	5341.25	5375.20	0.55	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:02:41	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	107.65	104.18	106.21	106.01	1.64	ppb
Molybdenum	94-1	249.83	251.10	252.22	251.05	0.47	ppb
Molybdenum	95-1	251.30	251.35	250.56	251.07	0.18	ppb
Molybdenum	96-1	251.83	251.91	248.39	250.71	0.80	ppb
Molybdenum	97-1	249.90	250.69	247.58	249.39	0.65	ppb
Molybdenum	98-1	250.54	253.87	253.31	252.57	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.43	53.70	53.68	53.60	0.29	ppb
Phosphorus	31-2	975.80	820.23	1074.44	956.82	13.39	ppb
Potassium	39-2	2658.88	2603.71	2531.34	2597.98	2.46	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	37.26	30.53	31.02	32.94	11.39	ppb
Selenium	78-2	50.76	53.81	49.64	51.40	4.20	ppb
Selenium	82-1	50.28	51.68	50.97	50.98	1.38	ppb
Silicon	28-1	56.91	55.89	57.39	56.73	1.35	ppb
Silver	109-1	52.75	51.80	52.29	52.28	0.91	ppb
Silver	107-1	52.07	52.21	52.30	52.19	0.22	ppb
Sodium	23-2	5447.54	5320.41	5241.97	5336.64	1.94	ppb
Strontium	86-1	50.33	50.10	49.34	49.93	1.04	ppb
Strontium	88-1	50.71	50.89	50.04	50.55	0.88	ppb
Sulfur	34-1	680.03	697.43	802.42	726.63	9.11	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	50.41	49.09	48.61	49.37	1.89	ppb
Thallium	205-1	50.44	50.09	49.08	49.87	1.41	ppb
Tin	118-1	51.49	50.89	51.07	51.15	0.60	ppb
Titanium	47-1	253.12	252.29	248.41	251.27	1.00	ppb
Uranium	238-1	49.32	48.69	48.60	48.87	0.81	ppb
Vanadium	51-2	53.13	51.70	51.07	51.97	2.03	ppb
Yttrium	89-1				103		%
Yttrium	89-2				102		%
Zinc	66-2	109.90	109.43	106.47	108.60	1.71	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:02:41	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.92	50.27	50.47	50.55	0.67	ppb
Zirconium	91-1	49.87	49.74	49.76	49.79	0.14	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:06:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2459.37	2474.77	2737.58	2557.24	6.11	ppb
Antimony	121-1	126.68	126.57	127.28	126.84	0.30	ppb
Arsenic	75-2	124.53	129.16	141.56	131.75	6.69	ppb
Barium	135-1	630.98	631.43	643.79	635.40	1.14	ppb
Barium	137-1	637.91	644.50	648.67	643.69	0.84	ppb
Beryllium	9-1	125.48	124.37	125.49	125.11	0.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	121.34	125.14	121.53	122.67	1.75	ppb
Boron	11-1	120.32	122.96	125.69	122.99	2.18	ppb
Cadmium	111-1	127.91	127.70	127.92	127.84	0.10	ppb
Cadmium	106-1	132.82	125.55	128.00	128.79	2.87	ppb
Cadmium	108-1	129.33	130.51	131.46	130.43	0.82	ppb
Calcium	43-1	12246.02	12275.85	12344.11	12288.66	0.41	ppb
Calcium	44-1	12276.99	12167.92	12342.85	12262.59	0.72	ppb
Chromium	52-2	131.70	129.42	143.60	134.90	5.64	ppb
Cobalt	59-2	130.44	130.37	142.59	134.46	5.23	ppb
Copper	63-2	262.57	263.43	288.64	271.55	5.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				97		%
Iron	56-2	6703.73	6724.98	7311.42	6913.38	4.99	ppb
Iron	57-2	6648.11	6588.58	7234.76	6823.82	5.23	ppb
Krypton	83-1	982.95	585.00	125.89	564.61	75.96	ppb
Lead	206-1	122.84	124.33	124.77	123.98	0.82	ppb
Lead	207-1	120.72	122.65	122.27	121.88	0.84	ppb
Lead	208-1	122.30	123.68	123.98	123.32	0.73	ppb
Lithium	6-1				103		%
Magnesium	24-2	13431.01	13428.64	14705.57	13855.08	5.32	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:06:25	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	264.98	264.64	290.01	273.21	5.33	ppb
Molybdenum	94-1	632.24	634.19	629.17	631.87	0.40	ppb
Molybdenum	95-1	621.56	642.59	627.99	630.72	1.71	ppb
Molybdenum	96-1	628.60	634.46	635.88	632.98	0.61	ppb
Molybdenum	97-1	623.93	626.88	627.63	626.15	0.31	ppb
Molybdenum	98-1	629.77	621.87	624.00	625.21	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	132.40	133.16	146.13	137.23	5.63	ppb
Phosphorus	31-2	2300.64	2227.95	2748.68	2425.76	11.63	ppb
Potassium	39-2	6455.44	6435.17	7150.04	6680.21	6.09	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				97		%
Selenium	77-2	110.44	163.92	159.06	144.47	20.47	ppb
Selenium	78-2	125.94	106.24	151.19	127.79	17.63	ppb
Selenium	82-1	128.00	126.74	125.38	126.71	1.04	ppb
Silicon	28-1	144.79	146.08	146.88	145.91	0.72	ppb
Silver	109-1	129.41	129.61	129.78	129.60	0.14	ppb
Silver	107-1	128.70	126.78	128.08	127.85	0.77	ppb
Sodium	23-2	13581.59	13608.88	15039.06	14076.51	5.92	ppb
Strontium	86-1	123.88	123.59	124.54	124.00	0.39	ppb
Strontium	88-1	126.93	127.12	126.18	126.74	0.39	ppb
Sulfur	34-1	2284.53	2219.73	2251.35	2251.87	1.44	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	123.45	124.16	123.81	123.81	0.29	ppb
Thallium	205-1	125.56	127.21	128.06	126.94	1.00	ppb
Tin	118-1	126.69	126.37	125.62	126.23	0.43	ppb
Titanium	47-1	631.16	630.05	631.47	630.90	0.12	ppb
Uranium	238-1	127.15	126.57	128.13	127.28	0.62	ppb
Vanadium	51-2	129.39	128.60	142.41	133.47	5.81	ppb
Yttrium	89-1				104		%
Yttrium	89-2				97		%
Zinc	66-2	265.49	267.70	295.43	276.21	6.04	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:06:25	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.77	126.00	126.84	126.54	0.37	ppb
Zirconium	91-1	121.64	123.20	123.68	122.84	0.87	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:10:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4962.83	5250.45	4987.05	5066.78	3.15	ppb
Antimony	121-1	268.11	255.80	250.34	258.08	3.53	ppb
Arsenic	75-2	254.55	271.97	254.35	260.29	3.89	ppb
Barium	135-1	1333.10	1287.21	1249.32	1289.88	3.25	ppb
Barium	137-1	1317.95	1257.80	1261.90	1279.21	2.63	ppb
Beryllium	9-1	258.17	251.57	249.76	253.16	1.75	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	245.51	260.83	253.55	253.30	3.02	ppb
Boron	11-1	249.86	252.38	255.50	252.58	1.12	ppb
Cadmium	111-1	261.00	251.53	246.38	252.97	2.93	ppb
Cadmium	106-1	261.80	247.92	253.17	254.30	2.76	ppb
Cadmium	108-1	269.18	250.47	255.37	258.34	3.75	ppb
Calcium	43-1	25452.95	24690.82	24176.64	24773.47	2.59	ppb
Calcium	44-1	25397.21	24228.14	24219.67	24615.01	2.75	ppb
Chromium	52-2	260.17	277.51	259.31	265.66	3.87	ppb
Cobalt	59-2	258.94	275.66	260.28	264.96	3.51	ppb
Copper	63-2	517.57	550.53	520.09	529.40	3.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				99		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	13257.40	14144.34	13213.57	13538.44	3.88	ppb
Iron	57-2	13166.54	14028.64	13173.52	13456.23	3.68	ppb
Krypton	83-1	-490.25	473.70	719.68	234.38	272.84	ppb
Lead	206-1	257.80	245.51	244.22	249.18	3.01	ppb
Lead	207-1	252.26	244.27	241.84	246.12	2.22	ppb
Lead	208-1	260.22	251.54	247.73	253.16	2.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	26579.80	28194.79	26716.15	27163.58	3.30	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:10:02	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	518.41	556.13	522.52	532.35	3.89	ppb
Molybdenum	94-1	1300.98	1277.82	1258.29	1279.03	1.67	ppb
Molybdenum	95-1	1306.25	1271.02	1237.40	1271.56	2.71	ppb
Molybdenum	96-1	1304.97	1261.10	1233.90	1266.66	2.83	ppb
Molybdenum	97-1	1315.99	1265.73	1261.20	1280.97	2.37	ppb
Molybdenum	98-1	1306.85	1262.29	1242.67	1270.60	2.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	262.25	279.44	264.04	268.58	3.52	ppb
Phosphorus	31-2	5029.01	5244.00	5265.78	5179.59	2.53	ppb
Potassium	39-2	12905.13	13670.70	12973.57	13183.14	3.21	ppb
Rhodium	103-1				101		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	269.18	286.26	268.64	274.69	3.65	ppb
Selenium	78-2	266.34	293.36	264.13	274.61	5.93	ppb
Selenium	82-1	265.91	258.29	253.03	259.08	2.50	ppb
Silicon	28-1	276.04	274.03	267.11	272.39	1.72	ppb
Silver	109-1	266.66	260.39	257.25	261.43	1.83	ppb
Silver	107-1	267.03	258.66	254.24	259.98	2.50	ppb
Sodium	23-2	27056.84	28768.74	26910.70	27578.76	3.75	ppb
Strontium	86-1	259.76	251.29	245.62	252.23	2.82	ppb
Strontium	88-1	258.29	251.13	244.80	251.41	2.69	ppb
Sulfur	34-1	5366.33	4747.27	4548.75	4887.45	8.73	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	260.02	249.27	245.58	251.62	2.98	ppb
Thallium	205-1	266.33	253.97	250.63	256.98	3.22	ppb
Tin	118-1	262.21	250.63	248.45	253.76	2.91	ppb
Titanium	47-1	1344.58	1267.76	1274.80	1295.71	3.28	ppb
Uranium	238-1	258.67	248.52	252.44	253.21	2.02	ppb
Vanadium	51-2	256.82	274.13	257.73	262.90	3.71	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%
Zinc	66-2	527.82	566.79	531.56	542.05	3.97	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:10:02	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	263.31	256.33	249.39	256.35	2.72	ppb
Zirconium	91-1	257.38	250.67	244.75	250.94	2.52	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:16:29	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9719.10	9722.66	9595.24	9679.00	0.75	ppb
Antimony	121-1	499.50	502.44	506.74	502.89	0.72	ppb
Arsenic	75-2	495.44	505.25	503.13	501.28	1.03	ppb
Barium	135-1	2474.36	2522.60	2517.80	2504.92	1.06	ppb
Barium	137-1	2460.18	2476.10	2514.72	2483.67	1.13	ppb
Beryllium	9-1	486.20	492.04	495.06	491.10	0.92	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	461.34	485.85	504.24	483.81	4.45	ppb
Boron	11-1	474.55	492.82	503.41	490.26	2.98	ppb
Cadmium	111-1	488.78	493.66	500.81	494.41	1.22	ppb
Cadmium	106-1	498.07	494.64	504.76	499.16	1.03	ppb
Cadmium	108-1	492.57	500.73	502.10	498.47	1.03	ppb
Calcium	43-1	48094.37	47878.18	48442.07	48138.21	0.59	ppb
Calcium	44-1	48038.69	47488.82	47975.00	47834.17	0.63	ppb
Chromium	52-2	508.85	505.84	502.94	505.88	0.58	ppb
Cobalt	59-2	507.99	502.18	494.34	501.51	1.37	ppb
Copper	63-2	1035.96	1025.96	1003.40	1021.78	1.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	25930.06	25737.83	25300.38	25656.09	1.26	ppb
Iron	57-2	25827.07	25861.14	25286.00	25658.07	1.26	ppb
Krypton	83-1	608.87	805.06	903.21	772.38	19.40	ppb
Lead	206-1	494.88	498.08	501.81	498.26	0.70	ppb
Lead	207-1	495.48	502.20	494.58	497.42	0.84	ppb
Lead	208-1	497.04	499.99	497.61	498.21	0.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	53252.81	52501.84	52002.77	52585.81	1.20	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:16:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1020.54	1016.42	996.10	1011.02	1.29	ppb
Molybdenum	94-1	2458.62	2448.91	2497.81	2468.45	1.05	ppb
Molybdenum	95-1	2451.32	2438.68	2500.30	2463.44	1.32	ppb
Molybdenum	96-1	2454.22	2429.88	2488.59	2457.56	1.20	ppb
Molybdenum	97-1	2448.41	2454.75	2494.54	2465.90	1.01	ppb
Molybdenum	98-1	2460.93	2443.85	2515.35	2473.38	1.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.36	512.68	501.79	509.61	1.34	ppb
Phosphorus	31-2	10465.74	10405.11	9414.62	10095.15	5.85	ppb
Potassium	39-2	25168.17	24919.76	24833.16	24973.69	0.70	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	551.35	483.68	517.56	517.53	6.54	ppb
Selenium	78-2	498.21	495.47	471.59	488.43	3.00	ppb
Selenium	82-1	492.10	495.22	503.03	496.78	1.13	ppb
Silicon	28-1	518.88	512.85	524.88	518.87	1.16	ppb
Silver	109-1	495.20	497.10	511.66	501.32	1.80	ppb
Silver	107-1	502.62	503.98	506.22	504.27	0.36	ppb
Sodium	23-2	52489.57	51981.21	51147.77	51872.85	1.31	ppb
Strontium	86-1	483.83	485.44	493.76	487.68	1.09	ppb
Strontium	88-1	490.05	487.30	497.65	491.67	1.09	ppb
Sulfur	34-1	9905.00	9472.51	9580.38	9652.63	2.33	ppb
Terbium	159-1				107		%
Terbium	159-2				103		%
Thallium	203-1	500.06	499.90	503.83	501.27	0.44	ppb
Thallium	205-1	493.38	493.23	497.87	494.83	0.53	ppb
Tin	118-1	498.04	506.50	505.84	503.46	0.94	ppb
Titanium	47-1	2488.40	2511.34	2502.13	2500.62	0.46	ppb
Uranium	238-1	495.33	486.09	493.25	491.56	0.99	ppb
Vanadium	51-2	508.90	505.95	496.82	503.89	1.25	ppb
Yttrium	89-1				104		%
Yttrium	89-2				101		%
Zinc	66-2	1038.19	1013.93	1004.37	1018.83	1.71	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:16:29	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.10	488.92	497.32	492.78	0.86	ppb
Zirconium	91-1	485.08	488.74	494.75	489.53	1.00	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19295.94	18799.23	18912.59	19002.59	1.37	ppb
Antimony	121-1	1028.06	957.68	1003.06	996.27	3.58	ppb
Arsenic	75-2	1004.68	1000.60	982.52	995.94	1.18	ppb
Barium	135-1	5101.89	4795.73	5060.66	4986.09	3.33	ppb
Barium	137-1	5138.58	4830.05	5026.13	4998.25	3.12	ppb
Beryllium	9-1	1028.08	969.85	1012.94	1003.62	3.01	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	1003.81	978.76	1040.04	1007.53	3.06	ppb
Boron	11-1	997.23	979.45	1036.77	1004.49	2.92	ppb
Cadmium	111-1	1030.48	975.44	998.94	1001.62	2.76	ppb
Cadmium	106-1	1026.47	973.16	996.61	998.75	2.68	ppb
Cadmium	108-1	1024.57	971.88	997.05	997.84	2.64	ppb
Calcium	43-1	99704.70	95389.26	98791.10	97961.69	2.32	ppb
Calcium	44-1	98169.50	93576.92	96935.76	96227.39	2.47	ppb
Chromium	52-2	1004.94	980.39	990.08	991.80	1.25	ppb
Cobalt	59-2	1013.78	983.76	985.12	994.22	1.70	ppb
Copper	63-2	2008.15	1962.76	1965.50	1978.80	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				97		%
Iron	56-2	51299.95	49968.89	49948.12	50405.65	1.54	ppb
Iron	57-2	51123.71	49842.57	50017.63	50327.97	1.38	ppb
Krypton	83-1	596.84	1220.42	546.14	787.80	47.67	ppb
Lead	206-1	1013.92	974.89	1014.87	1001.23	2.28	ppb
Lead	207-1	1008.00	977.34	1022.82	1002.72	2.31	ppb
Lead	208-1	1013.37	971.17	1016.50	1000.35	2.53	ppb
Lithium	6-1				101		%
Magnesium	24-2	103159.93	100384.94	100601.28	101382.05	1.52	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2012.56	1960.41	1976.63	1983.20	1.35	ppb
Molybdenum	94-1	5129.52	4898.47	4994.83	5007.61	2.32	ppb
Molybdenum	95-1	5140.17	4895.07	5001.14	5012.13	2.45	ppb
Molybdenum	96-1	5153.83	4878.89	5015.33	5016.02	2.74	ppb
Molybdenum	97-1	5135.67	4853.33	5038.58	5009.19	2.86	ppb
Molybdenum	98-1	5157.26	4855.52	5011.25	5008.01	3.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1003.05	977.61	985.87	988.84	1.31	ppb
Phosphorus	31-2	20419.02	19629.86	19708.00	19918.96	2.18	ppb
Potassium	39-2	49886.44	48362.85	48918.16	49055.82	1.57	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	1010.62	1006.74	933.08	983.48	4.44	ppb
Selenium	78-2	1025.66	1002.11	969.88	999.22	2.80	ppb
Selenium	82-1	1026.37	970.21	1000.65	999.08	2.81	ppb
Silicon	28-1	992.56	955.33	997.91	981.93	2.36	ppb
Silver	109-1	1023.95	957.37	1006.05	995.79	3.46	ppb
Silver	107-1	1022.29	962.47	999.95	994.90	3.04	ppb
Sodium	23-2	103561.64	100436.02	100639.44	101545.70	1.72	ppb
Strontium	86-1	1034.89	986.09	996.22	1005.73	2.56	ppb
Strontium	88-1	1033.86	966.70	1010.15	1003.57	3.39	ppb
Sulfur	34-1	21079.88	19280.49	20379.14	20246.51	4.48	ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1003.25	975.15	1019.02	999.14	2.22	ppb
Thallium	205-1	1009.62	979.70	1012.49	1000.61	1.81	ppb
Tin	118-1	1038.98	958.27	994.10	997.12	4.06	ppb
Titanium	47-1	5100.48	4836.29	5025.62	4987.46	2.73	ppb
Uranium	238-1	1018.43	971.41	1019.73	1003.19	2.74	ppb
Vanadium	51-2	1011.22	976.31	993.49	993.67	1.76	ppb
Yttrium	89-1				103		%
Yttrium	89-2				101		%
Zinc	66-2	2007.42	1949.09	1972.59	1976.37	1.48	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1031.51	980.10	993.80	1001.80	2.66	ppb
Zirconium	91-1	1031.48	979.63	1004.75	1005.28	2.58	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100338.86	109018.61	91322.86	100226.77	8.83	ppb
Antimony	121-1	1.71	1.73	1.88	1.77	5.11	ppb
Arsenic	75-2	1.60	1.38	1.25	1.41	12.25	ppb
Barium	135-1	0.92	0.93	0.91	0.92	1.10	ppb
Barium	137-1	1.01	0.85	0.99	0.95	9.19	ppb
Beryllium	9-1	0.05	0.08	0.10	0.08	30.24	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	56.23	50.96	45.63	50.94	10.40	ppb
Boron	11-1	55.13	47.88	45.64	49.55	10.01	ppb
Cadmium	111-1	0.08	0.22	0.10	0.13	55.06	ppb
Cadmium	106-1	-0.08	1.29	-0.13	0.36	226.15	ppb
Cadmium	108-1	0.09	0.16	0.31	0.19	58.34	ppb
Calcium	43-1	501072.45	498575.05	502188.67	500612.06	0.37	ppb
Calcium	44-1	505175.87	497661.84	500152.90	500996.87	0.76	ppb
Chromium	52-2	46.17	49.66	41.49	45.77	8.95	ppb
Cobalt	59-2	12.10	13.12	10.97	12.06	8.93	ppb
Copper	63-2	4.54	5.12	3.88	4.51	13.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				101		%
Iron	56-2	250241.32	273089.87	226016.38	249782.52	9.42	ppb
Iron	57-2	250247.58	271635.24	227531.61	249804.81	8.83	ppb
Krypton	83-1	931.09	490.44	542.16	654.56	36.80	ppb
Lead	206-1	1.16	1.12	1.20	1.16	3.36	ppb
Lead	207-1	1.06	1.06	1.05	1.06	0.64	ppb
Lead	208-1	1.12	1.11	1.11	1.11	0.58	ppb
Lithium	6-1				98		%
Magnesium	24-2	499509.89	543374.75	455072.85	499319.16	8.84	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	13.10	13.99	12.08	13.06	7.32	ppb
Molybdenum	94-1	6.21	6.22	6.11	6.18	0.99	ppb
Molybdenum	95-1	8.03	7.88	7.80	7.91	1.50	ppb
Molybdenum	96-1	8.01	8.05	8.05	8.03	0.23	ppb
Molybdenum	97-1	8.13	7.84	7.62	7.86	3.26	ppb
Molybdenum	98-1	7.71	7.55	7.73	7.66	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	38.31	41.65	34.72	38.23	9.07	ppb
Phosphorus	31-2	52.60	2.95	35.10	30.22	83.33	ppb
Potassium	39-2	251444.33	270203.04	228789.32	250145.56	8.29	ppb
Rhodium	103-1				93		%
Rhodium	103-2				94		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-0.97	-0.31	-0.57	-0.62		ppb
Selenium	82-1	1.72	1.12	1.12	1.32	26.34	ppb
Silicon	28-1	67.10	71.50	71.38	69.99	3.58	ppb
Silver	109-1	0.29	0.32	0.31	0.31	4.82	ppb
Silver	107-1	0.32	0.31	0.33	0.32	2.59	ppb
Sodium	23-2	500595.95	541214.20	456185.36	499331.83	8.52	ppb
Strontium	86-1	4.67	4.81	4.91	4.80	2.53	ppb
Strontium	88-1	4.76	4.90	4.86	4.84	1.47	ppb
Sulfur	34-1	-606.36	-681.80	-521.10	-603.09		ppb
Terbium	159-1				102		%
Terbium	159-2				105		%
Thallium	203-1	0.51	0.43	0.41	0.45	11.80	ppb
Thallium	205-1	0.46	0.45	0.42	0.45	5.05	ppb
Tin	118-1	1.15	1.20	1.22	1.19	2.96	ppb
Titanium	47-1	1.41	1.47	1.49	1.46	2.94	ppb
Uranium	238-1	0.07	0.07	0.09	0.08	14.83	ppb
Vanadium	51-2	0.36	0.40	0.35	0.37	7.48	ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	15.73	17.54	15.37	16.21	7.16	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.47	0.46	0.49	0.47	3.26	ppb
Zirconium	91-1	0.51	0.45	0.46	0.47	7.61	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:36:39	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	497.38	522.89	519.64	513.30	2.71	ppb
Antimony	121-1	192.80	198.94	196.69	196.15	1.58	ppb
Arsenic	75-2	194.70	196.46	194.41	195.19	0.57	ppb
Barium	135-1	98.01	98.74	98.79	98.52	0.44	ppb
Barium	137-1	95.83	99.83	98.80	98.16	2.11	ppb
Beryllium	9-1	94.15	93.50	95.02	94.22	0.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	598.28	612.73	622.43	611.15	1.99	ppb
Boron	11-1	608.70	610.82	611.86	610.46	0.26	ppb
Cadmium	111-1	96.21	99.49	98.86	98.18	1.78	ppb
Cadmium	106-1	88.61	92.51	90.11	90.41	2.18	ppb
Cadmium	108-1	94.54	95.75	95.20	95.16	0.64	ppb
Calcium	43-1	1819.68	1841.01	1884.47	1848.39	1.79	ppb
Calcium	44-1	1835.81	1841.46	1897.16	1858.14	1.82	ppb
Chromium	52-2	96.89	98.47	99.09	98.15	1.16	ppb
Cobalt	59-2	100.04	100.61	99.74	100.13	0.44	ppb
Copper	63-2	99.78	102.47	101.58	101.28	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	1016.61	1026.62	1029.07	1024.10	0.64	ppb
Iron	57-2	1043.62	1041.94	1042.48	1042.68	0.08	ppb
Krypton	83-1	893.84	480.05	338.39	570.76	50.57	ppb
Lead	206-1	189.51	190.63	192.91	191.02	0.91	ppb
Lead	207-1	180.87	183.09	185.17	183.04	1.18	ppb
Lead	208-1	189.60	190.54	194.00	191.38	1.21	ppb
Lithium	6-1				105		%
Magnesium	24-2	1215.50	1226.86	1204.14	1215.50	0.93	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:36:39	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.78	97.58	97.71	98.02	0.67	ppb
Molybdenum	94-1	350.16	359.46	360.74	356.78	1.62	ppb
Molybdenum	95-1	511.37	513.77	509.85	511.66	0.39	ppb
Molybdenum	96-1	493.10	500.13	502.42	498.55	0.97	ppb
Molybdenum	97-1	489.56	502.87	505.35	499.26	1.70	ppb
Molybdenum	98-1	501.95	516.47	513.44	510.62	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.99	102.40	101.34	101.25	1.19	ppb
Phosphorus	31-2	1.76	1.92	-10.80	-2.37		ppb
Potassium	39-2	2011.39	2035.21	2030.00	2025.53	0.62	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				102		%
Selenium	77-2	220.92	170.73	157.59	183.08	18.26	ppb
Selenium	78-2	197.51	199.31	196.47	197.76	0.73	ppb
Selenium	82-1	193.23	196.02	198.57	195.94	1.36	ppb
Silicon	28-1	468.30	474.93	478.41	473.88	1.08	ppb
Silver	109-1	97.27	102.11	100.04	99.81	2.44	ppb
Silver	107-1	96.55	99.64	99.99	98.73	1.91	ppb
Sodium	23-2	2017.92	2041.84	2042.99	2034.25	0.70	ppb
Strontium	86-1	2.18	2.07	2.36	2.21	6.52	ppb
Strontium	88-1	2.23	2.25	2.30	2.26	1.72	ppb
Sulfur	34-1	-602.14	-558.77	-499.42	-553.45		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	193.14	193.16	194.38	193.56	0.37	ppb
Thallium	205-1	200.94	198.91	199.66	199.84	0.51	ppb
Tin	118-1	521.77	531.49	533.48	528.91	1.19	ppb
Titanium	47-1	502.75	508.67	514.22	508.55	1.13	ppb
Uranium	238-1	524.44	512.14	518.10	518.23	1.19	ppb
Vanadium	51-2	97.45	97.74	98.38	97.85	0.49	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	205.66	205.51	209.32	206.83	1.04	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:36:39	DataFile Name :	015ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.07	0.07	7.97	ppb
Zirconium	91-1	0.11	0.07	0.11	0.10	22.54	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22.03	26.11	16.44	21.53	22.55	ppb
Antimony	121-1	1.98	2.10	2.16	2.08	4.35	ppb
Arsenic	75-2	1.14	1.31	0.92	1.12	17.39	ppb
Barium	135-1	9.89	9.65	9.89	9.81	1.43	ppb
Barium	137-1	9.75	9.82	10.43	10.00	3.71	ppb
Beryllium	9-1	0.87	0.99	0.89	0.92	6.79	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	25.53	26.25	29.14	26.97	7.09	ppb
Boron	11-1	25.34	26.71	28.63	26.90	6.14	ppb
Cadmium	111-1	0.99	0.85	1.03	0.96	10.33	ppb
Cadmium	106-1	0.71	0.04	1.48	0.74	96.87	ppb
Cadmium	108-1	0.93	1.08	1.05	1.02	7.71	ppb
Calcium	43-1	436.87	476.01	504.88	472.58	7.22	ppb
Calcium	44-1	458.46	459.12	470.29	462.62	1.44	ppb
Chromium	52-2	1.98	1.96	1.84	1.93	3.93	ppb
Cobalt	59-2	0.89	0.90	0.86	0.88	2.13	ppb
Copper	63-2	1.99	1.88	1.95	1.94	2.91	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				105		%
Holmium	165-2				107		%
Indium	115-1				107		%
Indium	115-2				108		%
Iron	56-2	53.53	52.86	52.42	52.93	1.05	ppb
Iron	57-2	48.59	50.98	56.33	51.97	7.63	ppb
Krypton	83-1	425.65	262.73	1375.89	688.09	87.37	ppb
Lead	206-1	0.94	0.96	0.99	0.96	2.40	ppb
Lead	207-1	1.00	0.96	0.90	0.95	5.17	ppb
Lead	208-1	0.95	0.93	0.95	0.94	1.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	516.67	528.26	512.49	519.14	1.57	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.18	1.14	1.06	1.13	5.34	ppb
Molybdenum	94-1	4.81	4.79	5.12	4.91	3.78	ppb
Molybdenum	95-1	4.91	4.73	5.17	4.93	4.45	ppb
Molybdenum	96-1	5.01	5.07	5.07	5.05	0.66	ppb
Molybdenum	97-1	4.96	4.74	4.77	4.83	2.50	ppb
Molybdenum	98-1	4.95	4.83	5.19	4.99	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	1.02	1.07	1.04	2.94	ppb
Phosphorus	31-2	-10.80	1.54	1.31	-2.65		ppb
Potassium	39-2	511.10	512.91	515.15	513.05	0.40	ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				106		%
Selenium	77-2	3.96	0.89	10.37	5.08	95.30	ppb
Selenium	78-2	5.17	4.19	1.10	3.49	60.98	ppb
Selenium	82-1	5.46	5.23	6.36	5.68	10.48	ppb
Silicon	28-1	5.51	6.27	7.54	6.44	15.92	ppb
Silver	109-1	0.97	0.94	0.96	0.96	1.35	ppb
Silver	107-1	0.86	0.93	0.96	0.92	5.24	ppb
Sodium	23-2	531.47	527.69	518.28	525.81	1.29	ppb
Strontium	86-1	1.06	0.91	0.97	0.98	7.41	ppb
Strontium	88-1	1.02	1.00	1.02	1.01	1.14	ppb
Sulfur	34-1	-1096.50	-690.65	-517.36	-768.17		ppb
Terbium	159-1				106		%
Terbium	159-2				108		%
Thallium	203-1	0.89	0.95	0.97	0.94	4.30	ppb
Thallium	205-1	0.93	0.99	0.95	0.96	3.36	ppb
Tin	118-1	5.04	5.20	5.35	5.19	3.01	ppb
Titanium	47-1	5.57	5.31	5.02	5.30	5.20	ppb
Uranium	238-1	0.85	0.88	0.87	0.87	1.69	ppb
Vanadium	51-2	5.01	4.93	4.78	4.91	2.32	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	2.75	2.30	2.27	2.44	11.07	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.95	0.98	1.02	0.98	3.26	ppb
Zirconium	91-1	0.98	0.93	1.04	0.99	5.56	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:51:49 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	1.75	0.50	0.73	125.83	ppb
Antimony	121-1	0.03	0.04	0.06	0.04	33.41	ppb
Arsenic	75-2	-0.11	-0.06	-0.06	-0.08		ppb
Barium	135-1	-0.12	-0.13	-0.14	-0.13		ppb
Barium	137-1	-0.10	-0.10	-0.10	-0.10		ppb
Beryllium	9-1	-0.11	-0.13	-0.11	-0.12		ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	4.22	4.39	5.52	4.71	15.05	ppb
Boron	11-1	4.04	4.29	5.55	4.63	17.41	ppb
Cadmium	111-1	0.01	0.01	-0.04	-0.01		ppb
Cadmium	106-1	0.85	0.99	0.18	0.67	64.35	ppb
Cadmium	108-1	-0.14	-0.07	-0.10	-0.10		ppb
Calcium	43-1	-0.13	-3.85	-0.01	-1.33		ppb
Calcium	44-1	-4.46	-4.34	1.76	-2.35		ppb
Chromium	52-2	-0.04	-0.09	-0.10	-0.07		ppb
Cobalt	59-2	-0.12	-0.12	-0.11	-0.11		ppb
Copper	63-2	-0.15	-0.12	-0.09	-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				98		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				103		%
Iron	56-2	0.16	-0.02	-0.11	0.01	1235.66	ppb
Iron	57-2	-0.25	0.64	0.68	0.36	148.59	ppb
Krypton	83-1	525.69	-122.32	720.74	374.71	117.78	ppb
Lead	206-1	-0.09	-0.10	-0.09	-0.09		ppb
Lead	207-1	-0.09	-0.10	-0.12	-0.10		ppb
Lead	208-1	-0.10	-0.11	-0.09	-0.10		ppb
Lithium	6-1				102		%
Magnesium	24-2	-0.82	0.83	0.48	0.16	528.64	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:51:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.03	-0.02	0.01	232.13	ppb
Molybdenum	94-1	-0.05	-0.04	-0.05	-0.05		ppb
Molybdenum	95-1	-0.04	-0.03	-0.07	-0.05		ppb
Molybdenum	96-1	-0.06	-0.04	-0.05	-0.05		ppb
Molybdenum	97-1	-0.08	-0.07	-0.05	-0.07		ppb
Molybdenum	98-1	-0.05	-0.06	-0.04	-0.05		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.14	-0.13	-0.11	-0.13		ppb
Phosphorus	31-2	-10.80	1.80	-10.80	-6.60		ppb
Potassium	39-2	19.06	19.48	9.59	16.04	34.85	ppb
Rhodium	103-1				99		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				102		%
Selenium	77-2	-2.22	1.06	-2.22	-1.12		ppb
Selenium	78-2	-0.97	-0.41	-0.97	-0.79		ppb
Selenium	82-1	0.08	-0.09	1.04	0.35	176.06	ppb
Silicon	28-1	-1.81	-1.14	6.60	1.22	384.25	ppb
Silver	109-1	-0.03	-0.04	0.00	-0.02		ppb
Silver	107-1	-0.03	-0.02	0.01	-0.01		ppb
Sodium	23-2	0.27	-3.41	3.12	0.00		ppb
Strontium	86-1	0.02	0.09	0.04	0.05	72.14	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-261.97	-61.05	1643.81	440.26	237.84	ppb
Terbium	159-1				98		%
Terbium	159-2				102		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.05	-0.04	-0.04	-0.04		ppb
Tin	118-1	0.00	0.02	0.01	0.01	147.89	ppb
Titanium	47-1	-0.04	-0.01	0.03	-0.01		ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.07	-0.07	-0.06	-0.06		ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	-0.01	-0.09	0.14	0.01	880.00	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:51:49	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	-0.01	0.00	0.00	3799.42	ppb
Zirconium	91-1	-0.01	0.02	-0.01	0.00		ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:55:12 DataFile Name : 018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88609.52	84331.92	88378.04	87106.49	2.76	ppb
Antimony	121-1	1.03	1.36	1.16	1.19	13.81	ppb
Arsenic	75-2	0.15	0.20	0.30	0.21	34.57	ppb
Barium	135-1	1.22	1.54	1.38	1.38	11.76	ppb
Barium	137-1	1.38	1.75	1.40	1.51	13.56	ppb
Beryllium	9-1	0.19	0.25	0.18	0.21	17.45	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	5.53	7.22	5.76	6.17	14.91	ppb
Boron	11-1	5.69	8.17	7.11	6.99	17.83	ppb
Cadmium	111-1	0.24	0.42	0.25	0.30	33.91	ppb
Cadmium	106-1	-0.45	0.05	-0.57	-0.33		ppb
Cadmium	108-1	6.59	7.84	6.70	7.04	9.81	ppb
Calcium	43-1	89058.14	117981.68	95291.32	100777.05	15.10	ppb
Calcium	44-1	87722.99	114585.27	94710.68	99006.31	14.08	ppb
Chromium	52-2	19.06	18.38	19.38	18.94	2.70	ppb
Cobalt	59-2	1.01	0.91	1.07	1.00	8.41	ppb
Copper	63-2	7.58	7.33	7.71	7.54	2.61	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				104		%
Indium	115-1				97		%
Indium	115-2				100		%
Iron	56-2	100142.83	94898.41	100914.75	98652.00	3.32	ppb
Iron	57-2	100852.36	96460.59	102505.37	99939.44	3.13	ppb
Krypton	83-1	237.43	580.23	731.59	516.42	49.03	ppb
Lead	206-1	4.43	5.75	4.77	4.98	13.71	ppb
Lead	207-1	3.99	4.72	4.16	4.29	8.96	ppb
Lead	208-1	4.16	5.20	4.39	4.59	11.90	ppb
Lithium	6-1				98		%
Magnesium	24-2	99605.53	95485.08	100018.82	98369.81	2.55	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:55:12	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.46	6.83	8.25	7.51	9.47	ppb
Molybdenum	94-1	1277.44	1657.28	1373.69	1436.13	13.75	ppb
Molybdenum	95-1	1811.70	2355.62	1935.20	2034.17	14.02	ppb
Molybdenum	96-1	1747.81	2262.91	1880.39	1963.70	13.62	ppb
Molybdenum	97-1	1800.38	2354.67	1943.11	2032.72	14.16	ppb
Molybdenum	98-1	1786.12	2347.68	1951.23	2028.34	14.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.21	5.03	5.24	5.16	2.16	ppb
Phosphorus	31-2	95727.68	91408.34	94952.99	94029.67	2.45	ppb
Potassium	39-2	98511.63	96516.80	100630.91	98553.11	2.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-1.50	-1.53	-1.49	-1.51		ppb
Selenium	82-1	-0.34	1.27	0.85	0.59	141.41	ppb
Silicon	28-1	24.27	48.71	29.64	34.21	37.55	ppb
Silver	109-1	0.70	0.94	0.82	0.82	14.98	ppb
Silver	107-1	0.67	0.99	0.76	0.81	19.98	ppb
Sodium	23-2	100728.25	96514.75	100256.12	99166.37	2.33	ppb
Strontium	86-1	30.61	40.36	32.86	34.61	14.76	ppb
Strontium	88-1	31.19	40.84	33.85	35.29	14.12	ppb
Sulfur	34-1	77346.05	106242.80	83236.47	88941.77	17.17	ppb
Terbium	159-1				100		%
Terbium	159-2				105		%
Thallium	203-1	0.01	0.04	0.05	0.03	54.98	ppb
Thallium	205-1	0.00	0.04	0.00	0.01	201.19	ppb
Tin	118-1	0.15	0.26	0.17	0.19	31.79	ppb
Titanium	47-1	1888.54	2481.06	2017.62	2129.07	14.63	ppb
Uranium	238-1	-0.08	-0.09	-0.08	-0.08		ppb
Vanadium	51-2	0.07	0.09	0.05	0.07	27.67	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	13.94	13.11	12.78	13.27	4.50	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:55:12	DataFile Name :	018ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	38.59	ppb
Zirconium	91-1	0.03	0.05	0.03	0.03	31.98	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:58:28	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91069.31	88413.75	87581.39	89021.48	2.05	ppb
Antimony	121-1	19.84	19.82	20.38	20.01	1.57	ppb
Arsenic	75-2	19.87	19.54	19.46	19.62	1.11	ppb
Barium	135-1	21.12	21.19	20.28	20.86	2.41	ppb
Barium	137-1	21.02	20.26	20.86	20.71	1.94	ppb
Beryllium	9-1	19.31	19.42	20.01	19.58	1.92	ppb
Bismuth	209-1				101		%
Bismuth	209-2				95		%
Boron	10-1	56.43	58.38	58.84	57.88	2.21	ppb
Boron	11-1	58.76	58.34	61.72	59.60	3.09	ppb
Cadmium	111-1	18.65	18.25	18.86	18.59	1.67	ppb
Cadmium	106-1	16.35	15.51	15.89	15.92	2.61	ppb
Cadmium	108-1	25.60	24.63	24.81	25.02	2.06	ppb
Calcium	43-1	94839.03	92939.00	94093.18	93957.07	1.02	ppb
Calcium	44-1	92499.07	91483.27	91730.92	91904.42	0.58	ppb
Chromium	52-2	40.04	39.02	38.36	39.14	2.16	ppb
Cobalt	59-2	21.37	20.62	20.50	20.83	2.25	ppb
Copper	63-2	28.10	27.33	27.51	27.64	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				97		%
Iron	56-2	102895.52	100285.33	100365.23	101182.03	1.47	ppb
Iron	57-2	104949.04	101828.87	101283.36	102687.09	1.93	ppb
Krypton	83-1	257.05	533.94	-17.48	257.84	106.93	ppb
Lead	206-1	23.99	23.45	23.81	23.75	1.15	ppb
Lead	207-1	22.21	21.77	21.76	21.92	1.18	ppb
Lead	208-1	23.07	22.59	22.69	22.78	1.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	102955.51	100802.09	100471.03	101409.54	1.33	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:58:28	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.52	26.35	27.79	27.22	2.81	ppb
Molybdenum	94-1	1350.09	1359.62	1381.03	1363.58	1.16	ppb
Molybdenum	95-1	1885.27	1923.04	1956.87	1921.73	1.86	ppb
Molybdenum	96-1	1871.77	1856.04	1871.87	1866.56	0.49	ppb
Molybdenum	97-1	1932.67	1919.52	1939.59	1930.60	0.53	ppb
Molybdenum	98-1	1925.83	1916.83	1956.85	1933.17	1.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.01	25.58	24.61	25.06	1.95	ppb
Phosphorus	31-2	99478.34	96688.90	95940.01	97369.08	1.92	ppb
Potassium	39-2	102011.60	98961.37	98764.18	99912.39	1.82	ppb
Rhodium	103-1				100		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	8.11	11.27	14.69	11.36	28.97	ppb
Selenium	78-2	20.98	21.07	19.99	20.68	2.88	ppb
Selenium	82-1	19.77	19.84	18.57	19.39	3.67	ppb
Silicon	28-1	77.62	84.80	77.91	80.11	5.07	ppb
Silver	109-1	18.95	18.80	18.97	18.91	0.48	ppb
Silver	107-1	18.93	18.64	18.57	18.71	1.03	ppb
Sodium	23-2	104606.73	101654.90	101207.41	102489.68	1.80	ppb
Strontium	86-1	31.58	31.83	31.65	31.68	0.41	ppb
Strontium	88-1	32.82	32.56	32.69	32.69	0.41	ppb
Sulfur	34-1	81052.67	81253.92	80991.61	81099.40	0.17	ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	19.54	19.41	19.36	19.44	0.48	ppb
Thallium	205-1	19.66	19.53	19.77	19.65	0.61	ppb
Tin	118-1	48.61	47.98	48.02	48.21	0.73	ppb
Titanium	47-1	2026.22	1978.77	1993.85	1999.61	1.21	ppb
Uranium	238-1	-0.09	-0.09	-0.08	-0.09		ppb
Vanadium	51-2	20.04	19.95	20.20	20.06	0.62	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	32.77	32.77	30.74	32.09	3.65	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:58:28	DataFile Name :	019ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.02	0.02	22.41	ppb
Zirconium	91-1	0.05	0.03	0.03	0.04	29.22	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52373.96	52963.25	53626.59	52987.94	1.18	ppb
Antimony	121-1	517.88	508.91	515.58	514.13	0.91	ppb
Arsenic	75-2	516.53	508.01	505.87	510.14	1.11	ppb
Barium	135-1	2627.25	2574.59	2584.85	2595.56	1.08	ppb
Barium	137-1	2574.35	2575.46	2524.44	2558.09	1.14	ppb
Beryllium	9-1	530.65	527.27	516.65	524.86	1.39	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	533.94	546.94	547.59	542.82	1.42	ppb
Boron	11-1	533.02	541.52	549.83	541.46	1.55	ppb
Cadmium	111-1	532.27	524.76	531.72	529.58	0.79	ppb
Cadmium	106-1	538.24	532.61	537.31	536.05	0.56	ppb
Cadmium	108-1	534.42	529.63	543.92	535.99	1.36	ppb
Calcium	43-1	242651.11	240962.99	235961.35	239858.48	1.45	ppb
Calcium	44-1	243344.05	239574.44	237881.93	240266.81	1.16	ppb
Chromium	52-2	527.47	536.20	538.02	533.90	1.06	ppb
Cobalt	59-2	503.86	505.31	511.05	506.74	0.75	ppb
Copper	63-2	998.31	1003.31	1004.22	1001.94	0.32	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				103		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	129015.86	128879.17	129701.31	129198.78	0.34	ppb
Iron	57-2	128110.31	129103.50	133467.16	130226.99	2.19	ppb
Krypton	83-1	903.58	-29.74	225.17	366.34	131.68	ppb
Lead	206-1	524.34	508.43	513.91	515.56	1.57	ppb
Lead	207-1	531.00	506.83	510.94	516.25	2.51	ppb
Lead	208-1	529.14	511.79	514.86	518.60	1.79	ppb
Lithium	6-1				100		%
Magnesium	24-2	253858.21	258402.71	259172.09	257144.34	1.12	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.21	1047.50	1051.64	1041.45	1.36	ppb
Molybdenum	94-1	2586.73	2517.44	2560.64	2554.94	1.37	ppb
Molybdenum	95-1	2563.02	2519.82	2545.81	2542.88	0.86	ppb
Molybdenum	96-1	2572.06	2567.22	2530.19	2556.49	0.90	ppb
Molybdenum	97-1	2578.15	2533.69	2531.35	2547.73	1.04	ppb
Molybdenum	98-1	2588.33	2540.68	2577.02	2568.68	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.10	516.76	522.48	517.12	1.01	ppb
Phosphorus	31-2	10107.99	10182.74	10531.56	10274.10	2.20	ppb
Potassium	39-2	129337.68	131493.07	132194.91	131008.55	1.14	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	478.69	449.96	467.15	465.26	3.11	ppb
Selenium	78-2	523.19	480.72	463.48	489.13	6.28	ppb
Selenium	82-1	502.75	500.40	501.25	501.47	0.24	ppb
Silicon	28-1	552.98	556.92	561.45	557.12	0.76	ppb
Silver	109-1	504.36	502.24	513.73	506.78	1.21	ppb
Silver	107-1	502.89	500.01	506.39	503.10	0.64	ppb
Sodium	23-2	255576.03	256593.50	260502.77	257557.43	1.01	ppb
Strontium	86-1	510.82	504.91	506.19	507.31	0.61	ppb
Strontium	88-1	511.17	507.71	504.05	507.65	0.70	ppb
Sulfur	34-1	10272.80	9997.86	9512.80	9927.82	3.88	ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	533.62	517.98	517.40	523.00	1.76	ppb
Thallium	205-1	527.41	513.17	512.79	517.79	1.61	ppb
Tin	118-1	519.97	517.50	521.88	519.78	0.42	ppb
Titanium	47-1	2628.36	2610.32	2553.65	2597.45	1.50	ppb
Uranium	238-1	533.64	507.14	519.79	520.19	2.55	ppb
Vanadium	51-2	509.45	518.78	521.02	516.41	1.19	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	1005.62	1019.68	1036.30	1020.53	1.51	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	521.77	514.06	511.22	515.68	1.06	ppb
Zirconium	91-1	521.28	511.82	511.10	514.73	1.10	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:26:41 DataFile Name : 024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.45	1.03	1.28	0.92	46.80	ppb
Antimony	121-1	0.20	0.25	0.31	0.25	22.24	ppb
Arsenic	75-2	-0.09	-0.11	0.01	-0.06		ppb
Barium	135-1	-0.11	-0.13	-0.12	-0.12		ppb
Barium	137-1	-0.10	-0.10	-0.10	-0.10		ppb
Beryllium	9-1	-0.11	-0.08	-0.04	-0.08		ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	13.07	8.94	9.66	10.56	20.94	ppb
Boron	11-1	10.79	10.38	9.66	10.28	5.58	ppb
Cadmium	111-1	-0.03	-0.10	-0.10	-0.07		ppb
Cadmium	106-1	0.26	-0.73	-0.81	-0.43		ppb
Cadmium	108-1	-0.14	-0.14	-0.11	-0.13		ppb
Calcium	43-1	-2.55	-0.36	-1.41	-1.44		ppb
Calcium	44-1	1.89	-0.89	-1.55	-0.18		ppb
Chromium	52-2	-0.02	-0.08	-0.05	-0.05		ppb
Cobalt	59-2	-0.13	-0.12	-0.12	-0.12		ppb
Copper	63-2	-0.07	-0.05	-0.07	-0.06		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				103		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	0.48	0.46	0.45	0.46	3.36	ppb
Iron	57-2	1.81	1.29	0.68	1.26	44.81	ppb
Krypton	83-1	375.59	-411.36	949.04	304.42	224.35	ppb
Lead	206-1	-0.05	-0.07	-0.05	-0.06		ppb
Lead	207-1	-0.05	-0.07	-0.07	-0.06		ppb
Lead	208-1	-0.05	-0.07	-0.07	-0.07		ppb
Lithium	6-1				101		%
Magnesium	24-2	0.37	-1.39	3.00	0.66	333.47	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:26:41	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.06	0.02	-0.02		ppb
Molybdenum	94-1	0.10	0.05	0.08	0.07	35.42	ppb
Molybdenum	95-1	0.14	0.08	0.14	0.12	26.61	ppb
Molybdenum	96-1	0.14	0.09	0.12	0.11	21.52	ppb
Molybdenum	97-1	0.15	0.08	0.05	0.10	54.28	ppb
Molybdenum	98-1	0.17	0.10	0.08	0.12	40.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.12	-0.10	-0.12		ppb
Phosphorus	31-2	1.69	1.98	-10.80	-2.37		ppb
Potassium	39-2	28.55	46.03	26.94	33.84	31.28	ppb
Rhodium	103-1				101		%
Rhodium	103-2				103		%
Scandium	45-1				101		%
Scandium	45-2				102		%
Selenium	77-2	-2.22	1.03	-2.22	-1.14		ppb
Selenium	78-2	0.63	-0.98	-0.97	-0.44		ppb
Selenium	82-1	0.62	-0.61	0.61	0.20	347.21	ppb
Silicon	28-1	0.78	-0.65	-2.78	-0.88		ppb
Silver	109-1	0.03	0.01	-0.01	0.01	151.97	ppb
Silver	107-1	0.03	0.03	0.01	0.02	62.10	ppb
Sodium	23-2	25.90	34.22	26.08	28.73	16.55	ppb
Strontium	86-1	0.12	0.04	-0.02	0.05	148.37	ppb
Strontium	88-1	0.00	0.01	0.00	0.00	372.68	ppb
Sulfur	34-1	-68.43	-402.10	-868.22	-446.25		ppb
Terbium	159-1				102		%
Terbium	159-2				104		%
Thallium	203-1	0.06	0.02	0.06	0.05	50.22	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	6.12	ppb
Tin	118-1	0.03	0.02	0.01	0.02	34.72	ppb
Titanium	47-1	0.00	-0.02	0.00	-0.01		ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.07	-0.06	-0.05	-0.06		ppb
Yttrium	89-1				100		%
Yttrium	89-2				104		%
Zinc	66-2	-0.18	0.07	-0.01	-0.04		ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:26:41	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.00	0.01	0.01	64.40	ppb
Zirconium	91-1	0.01	0.02	0.02	0.01	25.77	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.73	21.08	19.67	19.16	11.60	ppb
Antimony	121-1	2.26	2.37	2.26	2.30	2.73	ppb
Arsenic	75-2	1.06	0.96	1.03	1.02	4.93	ppb
Barium	135-1	10.60	11.10	9.84	10.51	6.03	ppb
Barium	137-1	11.11	10.96	10.50	10.86	2.93	ppb
Beryllium	9-1	1.06	0.99	0.98	1.01	4.32	ppb
Bismuth	209-1				97		%
Bismuth	209-2				103		%
Boron	10-1	29.29	32.65	30.04	30.66	5.76	ppb
Boron	11-1	31.77	32.54	31.47	31.93	1.72	ppb
Cadmium	111-1	1.08	1.15	1.13	1.12	3.24	ppb
Cadmium	106-1	0.93	1.18	1.59	1.24	27.02	ppb
Cadmium	108-1	0.94	0.90	0.84	0.89	5.25	ppb
Calcium	43-1	516.94	530.59	500.23	515.92	2.95	ppb
Calcium	44-1	512.26	518.96	486.43	505.88	3.39	ppb
Chromium	52-2	2.14	2.27	2.21	2.20	2.94	ppb
Cobalt	59-2	0.93	0.93	0.89	0.92	2.62	ppb
Copper	63-2	2.06	2.13	2.09	2.09	1.62	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				97		%
Holmium	165-2				103		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	56-2	54.01	53.81	56.53	54.78	2.76	ppb
Iron	57-2	50.15	53.37	49.21	50.91	4.29	ppb
Krypton	83-1	443.45	335.86	928.04	569.12	55.43	ppb
Lead	206-1	1.02	1.03	0.98	1.01	2.91	ppb
Lead	207-1	1.05	1.03	0.98	1.02	3.49	ppb
Lead	208-1	1.04	1.02	0.98	1.01	2.71	ppb
Lithium	6-1				97		%
Magnesium	24-2	530.88	535.52	548.15	538.18	1.66	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.03	0.92	0.99	0.98	5.44	ppb
Molybdenum	94-1	5.42	5.56	5.22	5.40	3.19	ppb
Molybdenum	95-1	5.61	5.67	5.20	5.49	4.65	ppb
Molybdenum	96-1	5.45	5.71	5.26	5.47	4.07	ppb
Molybdenum	97-1	5.35	5.25	5.06	5.22	2.84	ppb
Molybdenum	98-1	5.36	5.68	5.11	5.38	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.04	1.01	1.01	3.04	ppb
Phosphorus	31-2	-10.80	1.81	1.89	-2.36		ppb
Potassium	39-2	535.76	534.81	546.59	539.06	1.21	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	-2.22	4.26	4.40	2.15	176.12	ppb
Selenium	78-2	3.32	1.18	6.24	3.58	70.85	ppb
Selenium	82-1	6.05	6.30	6.49	6.28	3.51	ppb
Silicon	28-1	17.43	19.26	15.27	17.32	11.54	ppb
Silver	109-1	1.12	1.12	1.05	1.10	3.92	ppb
Silver	107-1	1.13	1.15	1.01	1.10	7.01	ppb
Sodium	23-2	558.25	542.99	544.67	548.64	1.53	ppb
Strontium	86-1	1.17	1.26	1.16	1.19	4.69	ppb
Strontium	88-1	1.15	1.17	1.11	1.14	2.80	ppb
Sulfur	34-1	240.59	413.59	-211.10	147.69	218.39	ppb
Terbium	159-1				97		%
Terbium	159-2				104		%
Thallium	203-1	1.10	1.14	1.04	1.09	4.66	ppb
Thallium	205-1	1.09	1.07	1.04	1.07	2.21	ppb
Tin	118-1	5.67	5.56	5.23	5.49	4.15	ppb
Titanium	47-1	5.44	5.64	5.66	5.58	2.17	ppb
Uranium	238-1	0.96	0.93	0.91	0.93	2.36	ppb
Vanadium	51-2	4.79	5.14	4.93	4.95	3.56	ppb
Yttrium	89-1				97		%
Yttrium	89-2				103		%
Zinc	66-2	2.95	2.48	2.98	2.80	10.07	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.11	1.19	1.06	1.12	5.69	ppb
Zirconium	91-1	1.10	1.08	0.95	1.04	7.66	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : PB114198BL Instrumnet Name : P8
 Client Sample ID : PB114198BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:33:25 DataFile Name : 026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.34	1.11	1.11	0.85	51.81	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	32.85	ppb
Arsenic	75-2	-0.08	-0.03	-0.02	-0.04		ppb
Barium	135-1	-0.13	-0.14	-0.13	-0.13		ppb
Barium	137-1	-0.10	-0.11	-0.11	-0.11		ppb
Beryllium	9-1	-0.13	-0.12	-0.11	-0.12		ppb
Bismuth	209-1				110		%
Bismuth	209-2				109		%
Boron	10-1	5.14	6.51	6.56	6.07	13.27	ppb
Boron	11-1	6.24	5.68	5.28	5.73	8.41	ppb
Cadmium	111-1	-0.07	-0.05	-0.07	-0.06		ppb
Cadmium	106-1	-0.22	-0.08	-0.23	-0.18		ppb
Cadmium	108-1	-0.02	-0.14	-0.11	-0.09		ppb
Calcium	43-1	-0.99	-2.57	-4.16	-2.57		ppb
Calcium	44-1	-8.18	-5.77	-7.43	-7.13		ppb
Chromium	52-2	-0.20	-0.20	-0.16	-0.19		ppb
Cobalt	59-2	-0.12	-0.13	-0.12	-0.12		ppb
Copper	63-2	-0.17	-0.18	-0.11	-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				109		%
Holmium	165-2				111		%
Indium	115-1				111		%
Indium	115-2				112		%
Iron	56-2	0.09	0.12	0.65	0.29	109.25	ppb
Iron	57-2	-0.34	0.09	-0.32	-0.19		ppb
Krypton	83-1	724.90	800.17	414.45	646.51	31.63	ppb
Lead	206-1	-0.07	-0.06	-0.06	-0.06		ppb
Lead	207-1	-0.09	-0.06	-0.08	-0.08		ppb
Lead	208-1	-0.07	-0.06	-0.07	-0.06		ppb
Lithium	6-1				108		%
Magnesium	24-2	1.92	0.00	1.59	1.17	87.61	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BL	Instrumnet Name :	P8
Client Sample ID :	PB114198BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:33:25	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	-0.02	0.02	0.00		ppb
Molybdenum	94-1	-0.06	-0.06	-0.04	-0.05		ppb
Molybdenum	95-1	-0.04	-0.04	-0.04	-0.04		ppb
Molybdenum	96-1	-0.03	-0.05	-0.04	-0.04		ppb
Molybdenum	97-1	-0.08	-0.09	-0.07	-0.08		ppb
Molybdenum	98-1	-0.04	-0.04	-0.03	-0.04		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.16	-0.14	-0.13	-0.14		ppb
Phosphorus	31-2	-10.80	-10.80	-10.80	-10.80		ppb
Potassium	39-2	14.44	14.61	16.79	15.28	8.60	ppb
Rhodium	103-1				111		%
Rhodium	103-2				111		%
Scandium	45-1				110		%
Scandium	45-2				110		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-1.54	-1.58	0.02	-1.03		ppb
Selenium	82-1	0.20	0.59	-0.27	0.17	250.49	ppb
Silicon	28-1	-12.10	-12.12	-11.68	-11.97		ppb
Silver	109-1	-0.05	-0.06	-0.06	-0.06		ppb
Silver	107-1	-0.05	-0.06	-0.05	-0.05		ppb
Sodium	23-2	5.21	-2.54	10.02	4.23	149.71	ppb
Strontium	86-1	0.03	-0.06	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-1387.55	-1500.20	-1191.41	-1359.72		ppb
Terbium	159-1				111		%
Terbium	159-2				112		%
Thallium	203-1	-0.01	0.00	0.02	0.00	279.22	ppb
Thallium	205-1	-0.01	-0.02	-0.03	-0.02		ppb
Tin	118-1	0.00	-0.01	-0.01	-0.01		ppb
Titanium	47-1	-0.05	0.03	-0.01	-0.01		ppb
Uranium	238-1	-0.10	-0.10	-0.11	-0.10		ppb
Vanadium	51-2	-0.06	-0.07	-0.05	-0.06		ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	0.19	0.06	0.04	0.10	84.96	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BL	Instrumnet Name :	P8
Client Sample ID :	PB114198BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:33:25	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.02	0.01	0.00		ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	106.08	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9575.88	9492.82	9583.42	9550.71	0.53	ppb
Antimony	121-1	488.78	497.28	572.01	519.36	8.82	ppb
Arsenic	75-2	506.16	499.10	502.59	502.62	0.70	ppb
Barium	135-1	2472.24	2495.74	2861.23	2609.74	8.36	ppb
Barium	137-1	2431.48	2481.07	2858.58	2590.38	9.02	ppb
Beryllium	9-1	484.13	478.16	542.59	501.63	7.10	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	447.73	465.57	552.01	488.44	11.42	ppb
Boron	11-1	453.80	470.57	540.32	488.23	9.40	ppb
Cadmium	111-1	479.29	492.15	567.89	513.11	9.33	ppb
Cadmium	106-1	485.64	497.72	573.62	518.99	9.19	ppb
Cadmium	108-1	495.16	499.32	587.51	527.33	9.89	ppb
Calcium	43-1	46895.92	47402.24	54539.32	49612.49	8.62	ppb
Calcium	44-1	46687.81	47413.16	54231.03	49444.00	8.42	ppb
Chromium	52-2	509.22	497.89	503.66	503.59	1.12	ppb
Cobalt	59-2	502.45	494.44	502.97	499.96	0.96	ppb
Copper	63-2	1025.36	1005.41	1011.77	1014.18	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	25939.68	25484.42	25762.93	25729.01	0.89	ppb
Iron	57-2	25645.87	25276.85	25609.66	25510.79	0.80	ppb
Krypton	83-1	729.06	945.12	51.36	575.18	81.07	ppb
Lead	206-1	493.68	485.14	557.22	512.01	7.69	ppb
Lead	207-1	496.19	496.61	563.22	518.67	7.44	ppb
Lead	208-1	493.84	493.68	562.98	516.83	7.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	52843.73	51566.08	52047.71	52152.51	1.24	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1014.05	998.74	1008.58	1007.13	0.77	ppb
Molybdenum	94-1	2364.47	2389.05	2834.37	2529.30	10.46	ppb
Molybdenum	95-1	2372.83	2377.86	2802.67	2517.79	9.80	ppb
Molybdenum	96-1	2379.32	2401.49	2829.00	2536.61	9.99	ppb
Molybdenum	97-1	2386.92	2398.41	2849.60	2544.98	10.37	ppb
Molybdenum	98-1	2386.62	2421.51	2861.52	2556.55	10.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.91	498.26	509.35	503.84	1.10	ppb
Phosphorus	31-2	9862.36	10422.10	10316.88	10200.44	2.92	ppb
Potassium	39-2	25167.47	24883.15	24705.65	24918.76	0.93	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				103		%
Selenium	77-2	497.66	470.71	478.69	482.35	2.87	ppb
Selenium	78-2	513.85	533.60	516.07	521.17	2.08	ppb
Selenium	82-1	477.92	492.19	570.81	513.64	9.74	ppb
Silicon	28-1	496.88	507.68	600.20	534.92	10.62	ppb
Silver	109-1	490.79	503.43	585.76	526.66	9.79	ppb
Silver	107-1	499.18	496.57	583.90	526.55	9.44	ppb
Sodium	23-2	52103.35	51475.39	51744.07	51774.27	0.61	ppb
Strontium	86-1	470.69	477.09	561.35	503.04	10.06	ppb
Strontium	88-1	476.47	482.14	563.18	507.26	9.56	ppb
Sulfur	34-1	8935.43	9305.39	12311.32	10184.05	18.18	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	488.40	493.20	566.41	516.00	8.47	ppb
Thallium	205-1	485.57	490.66	556.85	511.03	7.78	ppb
Tin	118-1	490.51	497.22	571.04	519.59	8.60	ppb
Titanium	47-1	2448.71	2451.39	2835.39	2578.50	8.63	ppb
Uranium	238-1	478.65	481.55	549.62	503.27	7.98	ppb
Vanadium	51-2	503.05	493.00	502.73	499.59	1.14	ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%
Zinc	66-2	1027.66	1013.51	1033.88	1025.02	1.02	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	481.69	486.72	567.31	511.91	9.39	ppb
Zirconium	91-1	472.51	474.90	558.12	501.85	9.71	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	27078.59	27351.43	25304.56	26578.19	4.18	ppb
Antimony	121-1	0.41	0.44	0.46	0.44	5.22	ppb
Arsenic	75-2	12.30	13.51	12.49	12.77	5.13	ppb
Barium	135-1	133.33	135.70	135.17	134.73	0.92	ppb
Barium	137-1	132.51	136.25	136.27	135.01	1.60	ppb
Beryllium	9-1	2.33	2.17	2.38	2.29	4.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	40.65	40.82	37.71	39.73	4.40	ppb
Boron	11-1	41.97	37.79	36.96	38.91	6.90	ppb
Cadmium	111-1	0.66	0.62	0.55	0.61	8.44	ppb
Cadmium	106-1	5.31	4.88	3.76	4.65	17.24	ppb
Cadmium	108-1	2.09	1.75	1.57	1.80	14.78	ppb
Calcium	43-1	3941.88	3993.39	4068.73	4001.33	1.59	ppb
Calcium	44-1	4004.42	4070.56	4047.91	4040.96	0.83	ppb
Chromium	52-2	775.34	784.41	733.07	764.27	3.59	ppb
Cobalt	59-2	90.19	90.68	85.27	88.71	3.37	ppb
Copper	63-2	113.22	112.84	106.64	110.90	3.33	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				102		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	114865.65	115228.32	107722.35	112605.44	3.76	ppb
Iron	57-2	116205.55	116895.25	109107.00	114069.27	3.78	ppb
Krypton	83-1	-188.56	-14.05	818.52	205.30	262.14	ppb
Lead	206-1	52.48	52.31	54.24	53.01	2.02	ppb
Lead	207-1	47.28	48.12	48.39	47.93	1.21	ppb
Lead	208-1	50.40	50.83	51.45	50.89	1.03	ppb
Lithium	6-1				102		%
Magnesium	24-2	19938.88	19897.86	18618.74	19485.16	3.85	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1077.22	1093.63	1007.63	1059.50	4.31	ppb
Molybdenum	94-1	34.90	35.77	36.28	35.65	1.96	ppb
Molybdenum	95-1	1.64	1.61	1.55	1.60	2.84	ppb
Molybdenum	96-1	6.10	5.82	6.03	5.99	2.44	ppb
Molybdenum	97-1	1.57	1.65	1.55	1.59	3.10	ppb
Molybdenum	98-1	1.70	1.59	1.57	1.62	4.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	576.37	574.55	538.46	563.12	3.80	ppb
Phosphorus	31-2	2032.34	1793.58	1761.53	1862.48	7.94	ppb
Potassium	39-2	4762.94	4867.60	4474.98	4701.84	4.32	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	152.04	218.76	238.64	203.15	22.33	ppb
Selenium	78-2	25.65	28.66	18.30	24.20	22.00	ppb
Selenium	82-1	1.09	1.62	2.25	1.66	35.22	ppb
Silicon	28-1	3175.58	3020.40	3059.88	3085.29	2.61	ppb
Silver	109-1	2.77	2.78	2.66	2.74	2.57	ppb
Silver	107-1	2.84	2.81	2.64	2.76	3.89	ppb
Sodium	23-2	1559.14	1568.28	1453.22	1526.88	4.19	ppb
Strontium	86-1	25.85	26.46	26.32	26.21	1.23	ppb
Strontium	88-1	26.08	26.33	26.23	26.22	0.48	ppb
Sulfur	34-1	-1719.07	-1732.68	-1804.19	-1751.98		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.38	0.42	0.37	0.39	7.74	ppb
Thallium	205-1	0.36	0.37	0.35	0.36	2.65	ppb
Tin	118-1	1.32	1.35	1.25	1.31	3.60	ppb
Titanium	47-1	784.40	787.84	798.88	790.37	0.96	ppb
Uranium	238-1	3.26	3.27	3.34	3.29	1.34	ppb
Vanadium	51-2	106.10	106.74	100.60	104.48	3.23	ppb
Yttrium	89-1				119		%
Yttrium	89-2				120		%
Zinc	66-2	207.57	204.90	190.91	201.13	4.45	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	22.89	23.17	23.22	23.09	0.78	ppb
Zirconium	91-1	22.70	22.27	23.27	22.75	2.22	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20DUP Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:43:19 DataFile Name : 029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26084.11	26069.91	26079.80	26077.94	0.03	ppb
Antimony	121-1	0.18	0.18	0.18	0.18	0.76	ppb
Arsenic	75-2	12.59	12.67	12.66	12.64	0.38	ppb
Barium	135-1	130.13	133.03	129.55	130.90	1.42	ppb
Barium	137-1	131.35	133.47	129.14	131.32	1.65	ppb
Beryllium	9-1	2.18	2.12	2.01	2.10	4.18	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	25.89	24.82	27.11	25.94	4.42	ppb
Boron	11-1	25.53	24.74	26.76	25.68	3.95	ppb
Cadmium	111-1	0.60	0.57	0.64	0.61	5.87	ppb
Cadmium	106-1	5.22	4.69	5.02	4.98	5.39	ppb
Cadmium	108-1	1.45	1.92	1.44	1.60	17.23	ppb
Calcium	43-1	3933.67	3822.68	3784.09	3846.81	2.02	ppb
Calcium	44-1	3934.38	3927.04	3869.20	3910.21	0.91	ppb
Chromium	52-2	671.79	670.44	679.36	673.86	0.71	ppb
Cobalt	59-2	81.96	80.99	82.21	81.72	0.79	ppb
Copper	63-2	107.01	106.36	108.11	107.16	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	108151.19	106977.18	107690.17	107606.18	0.55	ppb
Iron	57-2	109121.29	110133.40	109277.82	109510.84	0.50	ppb
Krypton	83-1	176.79	290.76	167.90	211.82	32.34	ppb
Lead	206-1	53.71	52.36	51.60	52.56	2.03	ppb
Lead	207-1	48.27	48.21	46.69	47.72	1.87	ppb
Lead	208-1	51.13	50.38	49.42	50.31	1.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	19384.50	19380.75	19658.01	19474.42	0.82	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:43:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1046.66	1050.16	1056.26	1051.03	0.46	ppb
Molybdenum	94-1	35.61	34.85	34.33	34.93	1.85	ppb
Molybdenum	95-1	1.42	1.55	1.40	1.46	5.58	ppb
Molybdenum	96-1	5.96	5.69	5.58	5.74	3.39	ppb
Molybdenum	97-1	1.40	1.30	1.26	1.32	5.63	ppb
Molybdenum	98-1	1.40	1.31	1.40	1.37	4.01	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.53	514.31	523.07	517.64	0.92	ppb
Phosphorus	31-2	1692.68	2228.97	1577.11	1832.92	18.98	ppb
Potassium	39-2	4623.11	4643.61	4557.87	4608.20	0.97	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	264.58	146.31	151.72	187.54	35.61	ppb
Selenium	78-2	24.33	30.90	26.54	27.26	12.27	ppb
Selenium	82-1	1.74	1.63	1.49	1.62	7.72	ppb
Silicon	28-1	2621.30	2583.15	2551.66	2585.37	1.35	ppb
Silver	109-1	1.83	1.93	1.86	1.87	2.63	ppb
Silver	107-1	1.91	1.95	1.79	1.88	4.52	ppb
Sodium	23-2	1500.82	1509.42	1496.68	1502.31	0.43	ppb
Strontium	86-1	25.70	25.03	24.64	25.12	2.14	ppb
Strontium	88-1	25.66	25.81	25.48	25.65	0.64	ppb
Sulfur	34-1	-2234.50	-2426.37	-2829.30	-2496.72		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.31	0.28	0.30	0.30	5.90	ppb
Thallium	205-1	0.27	0.28	0.27	0.27	2.95	ppb
Tin	118-1	1.17	1.21	1.17	1.19	1.69	ppb
Titanium	47-1	741.61	743.47	717.71	734.26	1.96	ppb
Uranium	238-1	3.18	3.13	3.13	3.15	0.87	ppb
Vanadium	51-2	99.32	100.35	100.85	100.17	0.78	ppb
Yttrium	89-1				117		%
Yttrium	89-2				117		%
Zinc	66-2	195.99	196.50	201.67	198.06	1.59	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:43:19	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	23.09	23.00	22.67	22.92	0.96	ppb
Zirconium	91-1	23.01	22.15	22.29	22.49	2.05	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5435.62	5535.92	5473.85	5481.80	0.92	ppb
Antimony	121-1	0.04	0.05	0.08	0.06	30.63	ppb
Arsenic	75-2	2.83	2.44	2.71	2.66	7.51	ppb
Barium	135-1	25.69	25.91	26.24	25.95	1.06	ppb
Barium	137-1	26.32	26.37	26.70	26.46	0.77	ppb
Beryllium	9-1	0.33	0.44	0.33	0.37	16.77	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	8.91	10.55	10.17	9.88	8.70	ppb
Boron	11-1	10.92	11.31	10.55	10.92	3.48	ppb
Cadmium	111-1	0.12	0.07	0.02	0.07	67.65	ppb
Cadmium	106-1	1.62	0.69	0.20	0.83	86.26	ppb
Cadmium	108-1	0.12	0.16	0.26	0.18	39.87	ppb
Calcium	43-1	804.40	819.52	792.06	805.33	1.71	ppb
Calcium	44-1	802.24	795.69	785.99	794.64	1.03	ppb
Chromium	52-2	153.82	157.84	156.49	156.05	1.31	ppb
Cobalt	59-2	18.11	18.27	18.29	18.23	0.56	ppb
Copper	63-2	22.03	23.06	23.37	22.82	3.09	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				102		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	22951.25	23681.54	23221.92	23284.90	1.59	ppb
Iron	57-2	22909.16	23652.73	23183.87	23248.59	1.62	ppb
Krypton	83-1	602.54	564.44	191.44	452.80	50.17	ppb
Lead	206-1	10.30	10.27	9.79	10.12	2.85	ppb
Lead	207-1	9.18	9.47	9.31	9.32	1.54	ppb
Lead	208-1	9.74	9.82	9.70	9.75	0.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	3957.59	4044.33	4036.84	4012.92	1.20	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	213.14	221.84	219.19	218.06	2.04	ppb
Molybdenum	94-1	7.72	8.10	7.64	7.82	3.12	ppb
Molybdenum	95-1	0.26	0.28	0.28	0.28	3.51	ppb
Molybdenum	96-1	1.16	1.20	1.22	1.20	2.53	ppb
Molybdenum	97-1	0.29	0.22	0.24	0.25	14.92	ppb
Molybdenum	98-1	0.27	0.27	0.25	0.26	3.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	115.55	117.41	115.98	116.31	0.83	ppb
Phosphorus	31-2	357.16	345.08	403.25	368.49	8.33	ppb
Potassium	39-2	944.81	995.91	955.23	965.32	2.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				103		%
Scandium	45-2				102		%
Selenium	77-2	32.42	42.15	38.08	37.55	13.00	ppb
Selenium	78-2	5.31	5.89	2.61	4.60	38.08	ppb
Selenium	82-1	0.35	0.77	0.71	0.61	37.16	ppb
Silicon	28-1	671.57	630.78	613.70	638.69	4.66	ppb
Silver	109-1	0.56	0.55	0.53	0.55	3.05	ppb
Silver	107-1	0.56	0.56	0.53	0.55	3.71	ppb
Sodium	23-2	321.63	341.52	315.78	326.31	4.13	ppb
Strontium	86-1	5.78	5.61	5.60	5.66	1.81	ppb
Strontium	88-1	5.75	5.77	5.64	5.72	1.19	ppb
Sulfur	34-1	-2551.68	-2552.77	-2596.85	-2567.10		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.04	0.03	0.03	0.03	20.12	ppb
Thallium	205-1	0.03	0.02	0.02	0.02	26.18	ppb
Tin	118-1	0.28	0.38	0.24	0.30	23.40	ppb
Titanium	47-1	159.77	158.77	156.00	158.18	1.23	ppb
Uranium	238-1	0.54	0.54	0.51	0.53	3.27	ppb
Vanadium	51-2	20.88	21.16	21.13	21.06	0.72	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%
Zinc	66-2	42.58	42.49	43.17	42.75	0.87	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.00	5.09	4.88	4.99	2.11	ppb
Zirconium	91-1	4.67	5.34	4.98	5.00	6.68	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MS Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MS Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:50:00 DataFile Name : 031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37083.30	39933.44	45315.70	40777.48	10.25	ppb
Antimony	121-1	261.89	263.38	261.64	262.30	0.36	ppb
Arsenic	75-2	437.41	466.15	536.10	479.89	10.58	ppb
Barium	135-1	2631.66	2653.23	2648.86	2644.58	0.43	ppb
Barium	137-1	2602.18	2634.05	2599.66	2611.96	0.73	ppb
Beryllium	9-1	490.89	493.98	494.98	493.28	0.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				87		%
Boron	10-1	483.20	498.58	510.01	497.27	2.71	ppb
Boron	11-1	490.67	501.63	522.30	504.87	3.18	ppb
Cadmium	111-1	487.47	489.21	486.84	487.84	0.25	ppb
Cadmium	106-1	504.22	509.08	497.17	503.49	1.19	ppb
Cadmium	108-1	491.41	494.48	495.56	493.82	0.44	ppb
Calcium	43-1	50033.48	49152.04	49384.35	49523.29	0.92	ppb
Calcium	44-1	49947.68	48903.01	49564.50	49471.73	1.07	ppb
Chromium	52-2	564.37	603.34	694.56	620.76	10.76	ppb
Cobalt	59-2	515.62	553.29	631.27	566.73	10.41	ppb
Copper	63-2	1062.39	1129.34	1285.93	1159.22	9.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				92		%
Indium	115-1				98		%
Indium	115-2				89		%
Iron	56-2	84632.01	91197.62	103284.72	93038.12	10.17	ppb
Iron	57-2	86016.59	92067.42	105799.32	94627.78	10.71	ppb
Krypton	83-1	733.20	-79.86	178.88	277.40	149.74	ppb
Lead	206-1	553.13	557.48	556.07	555.56	0.40	ppb
Lead	207-1	530.34	542.40	529.06	533.93	1.38	ppb
Lead	208-1	545.52	551.40	542.51	546.48	0.83	ppb
Lithium	6-1				100		%
Magnesium	24-2	67125.79	72734.61	82983.21	74281.20	10.83	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:50:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2243.12	2402.15	2736.92	2460.73	10.24	ppb
Molybdenum	94-1	2152.93	2211.25	2189.04	2184.41	1.35	ppb
Molybdenum	95-1	2101.79	2092.00	2097.93	2097.24	0.24	ppb
Molybdenum	96-1	2113.08	2127.83	2136.45	2125.79	0.56	ppb
Molybdenum	97-1	2082.96	2111.45	2121.75	2105.39	0.95	ppb
Molybdenum	98-1	2084.10	2125.90	2095.52	2101.84	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	687.87	735.29	838.01	753.72	10.18	ppb
Phosphorus	31-2	798.58	971.00	992.90	920.83	11.56	ppb
Potassium	39-2	28997.04	31522.32	35783.84	32101.06	10.69	ppb
Rhodium	103-1				98		%
Rhodium	103-2				87		%
Scandium	45-1				103		%
Scandium	45-2				95		%
Selenium	77-2	517.52	549.98	722.15	596.55	18.44	ppb
Selenium	78-2	461.35	483.60	544.62	496.52	8.68	ppb
Selenium	82-1	407.36	404.64	405.80	405.93	0.34	ppb
Silicon	28-1	1813.28	1759.68	1761.31	1778.09	1.71	ppb
Silver	109-1	483.54	485.81	476.42	481.92	1.02	ppb
Silver	107-1	484.38	483.69	480.91	482.99	0.38	ppb
Sodium	23-2	50695.25	54326.48	61332.35	55451.36	9.75	ppb
Strontium	86-1	464.22	469.53	464.91	466.22	0.62	ppb
Strontium	88-1	471.10	471.34	469.66	470.70	0.19	ppb
Sulfur	34-1	-1319.25	-1652.03	-1590.21	-1520.50		ppb
Terbium	159-1				102		%
Terbium	159-2				93		%
Thallium	203-1	499.93	513.17	499.39	504.16	1.55	ppb
Thallium	205-1	499.92	503.67	503.46	502.35	0.42	ppb
Tin	118-1	441.20	439.20	441.82	440.74	0.31	ppb
Titanium	47-1	3085.77	3057.04	3091.99	3078.26	0.61	ppb
Uranium	238-1	491.70	498.56	493.82	494.69	0.71	ppb
Vanadium	51-2	555.85	594.45	684.15	611.48	10.76	ppb
Yttrium	89-1				111		%
Yttrium	89-2				101		%
Zinc	66-2	1141.82	1219.07	1388.09	1249.66	10.08	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:50:00	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	470.95	475.23	471.45	472.54	0.50	ppb
Zirconium	91-1	466.69	465.48	467.22	466.47	0.19	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:53:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	38309.79	37093.88	38332.09	37911.92	1.87	ppb
Antimony	121-1	272.67	269.06	267.79	269.84	0.94	ppb
Arsenic	75-2	432.25	430.54	438.46	433.75	0.96	ppb
Barium	135-1	2616.25	2622.03	2627.77	2622.02	0.22	ppb
Barium	137-1	2615.16	2631.10	2604.25	2616.83	0.52	ppb
Beryllium	9-1	492.97	500.32	498.74	497.34	0.78	ppb
Bismuth	209-1				99		%
Bismuth	209-2				95		%
Boron	10-1	506.09	533.95	537.94	525.99	3.30	ppb
Boron	11-1	506.11	525.82	547.33	526.42	3.92	ppb
Cadmium	111-1	484.31	490.40	481.86	485.52	0.91	ppb
Cadmium	106-1	489.01	500.74	484.98	491.58	1.67	ppb
Cadmium	108-1	489.69	496.26	492.35	492.77	0.67	ppb
Calcium	43-1	49191.67	50159.95	49744.76	49698.79	0.98	ppb
Calcium	44-1	48931.92	50084.56	49484.96	49500.48	1.16	ppb
Chromium	52-2	585.58	566.98	583.19	578.58	1.75	ppb
Cobalt	59-2	528.86	512.30	524.41	521.86	1.64	ppb
Copper	63-2	1075.18	1044.42	1064.76	1061.45	1.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	88215.88	85630.43	87704.69	87183.67	1.57	ppb
Iron	57-2	88953.66	86345.22	88797.50	88032.13	1.66	ppb
Krypton	83-1	142.88	224.96	330.72	232.85	40.44	ppb
Lead	206-1	554.47	557.45	559.90	557.27	0.49	ppb
Lead	207-1	531.53	538.60	536.99	535.71	0.69	ppb
Lead	208-1	544.22	551.08	549.51	548.27	0.66	ppb
Lithium	6-1				100		%
Magnesium	24-2	68718.41	66859.37	68928.23	68168.67	1.67	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:53:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2276.77	2191.33	2257.65	2241.92	2.00	ppb
Molybdenum	94-1	2192.10	2212.32	2204.92	2203.11	0.46	ppb
Molybdenum	95-1	2130.47	2105.66	2105.46	2113.86	0.68	ppb
Molybdenum	96-1	2129.35	2121.52	2133.45	2128.11	0.28	ppb
Molybdenum	97-1	2132.20	2132.03	2123.93	2129.39	0.22	ppb
Molybdenum	98-1	2142.67	2119.83	2137.90	2133.47	0.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	708.52	692.96	708.67	703.38	1.28	ppb
Phosphorus	31-2	903.25	929.70	1032.00	954.99	7.12	ppb
Potassium	39-2	29481.05	28744.57	29546.71	29257.44	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				94		%
Scandium	45-1				103		%
Scandium	45-2				100		%
Selenium	77-2	533.44	507.26	517.58	519.43	2.54	ppb
Selenium	78-2	438.01	431.72	441.97	437.23	1.18	ppb
Selenium	82-1	406.45	407.78	409.82	408.02	0.42	ppb
Silicon	28-1	2774.29	2856.64	2802.14	2811.02	1.49	ppb
Silver	109-1	477.80	486.04	471.51	478.45	1.52	ppb
Silver	107-1	477.02	483.70	474.76	478.50	0.97	ppb
Sodium	23-2	51131.61	49635.12	51602.08	50789.60	2.02	ppb
Strontium	86-1	468.82	469.32	469.99	469.38	0.13	ppb
Strontium	88-1	469.62	474.69	472.13	472.15	0.54	ppb
Sulfur	34-1	-1580.65	-1486.62	-1773.32	-1613.53		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	504.47	509.74	507.26	507.16	0.52	ppb
Thallium	205-1	502.03	501.79	503.87	502.56	0.23	ppb
Tin	118-1	436.44	439.63	432.93	436.33	0.77	ppb
Titanium	47-1	3081.26	3154.22	3106.44	3113.97	1.19	ppb
Uranium	238-1	499.76	498.22	509.37	502.45	1.20	ppb
Vanadium	51-2	566.02	547.58	565.52	559.71	1.88	ppb
Yttrium	89-1				111		%
Yttrium	89-2				108		%
Zinc	66-2	1155.44	1132.41	1172.24	1153.36	1.73	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:53:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	480.31	473.02	472.61	475.31	0.91	ppb
Zirconium	91-1	465.37	475.18	463.17	467.91	1.37	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36043.12	37384.54	44674.22	39367.29	11.80	ppb
Antimony	121-1	268.80	275.23	274.41	272.81	1.28	ppb
Arsenic	75-2	421.72	431.40	506.07	453.07	10.19	ppb
Barium	135-1	2625.18	2702.29	2671.36	2666.28	1.46	ppb
Barium	137-1	2595.25	2664.74	2669.65	2643.22	1.57	ppb
Beryllium	9-1	486.13	513.73	504.48	501.44	2.80	ppb
Bismuth	209-1				100		%
Bismuth	209-2				95		%
Boron	10-1	506.09	542.68	545.99	531.59	4.17	ppb
Boron	11-1	507.53	536.72	550.48	531.58	4.13	ppb
Cadmium	111-1	487.22	496.83	497.77	493.94	1.18	ppb
Cadmium	106-1	495.55	512.52	512.32	506.79	1.92	ppb
Cadmium	108-1	491.81	506.95	508.35	502.37	1.83	ppb
Calcium	43-1	49578.68	50962.56	50653.87	50398.37	1.44	ppb
Calcium	44-1	49648.03	50780.31	50250.61	50226.32	1.13	ppb
Chromium	52-2	548.69	571.35	679.17	599.74	11.63	ppb
Cobalt	59-2	498.82	516.04	616.01	543.62	11.64	ppb
Copper	63-2	1011.54	1051.13	1256.71	1106.46	11.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	82167.42	85451.94	102447.43	90022.26	12.09	ppb
Iron	57-2	83066.25	86717.22	103016.71	90933.39	11.68	ppb
Krypton	83-1	781.33	284.66	230.57	432.19	70.24	ppb
Lead	206-1	559.96	581.62	569.36	570.31	1.90	ppb
Lead	207-1	537.22	563.42	552.21	550.95	2.39	ppb
Lead	208-1	548.83	573.67	560.87	561.12	2.21	ppb
Lithium	6-1				101		%
Magnesium	24-2	65239.35	67744.91	80089.93	71024.73	11.19	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2080.69	2170.57	2584.08	2278.45	11.78	ppb
Molybdenum	94-1	2185.30	2275.85	2246.56	2235.90	2.07	ppb
Molybdenum	95-1	2096.17	2198.10	2169.19	2154.49	2.44	ppb
Molybdenum	96-1	2132.24	2231.82	2198.88	2187.65	2.32	ppb
Molybdenum	97-1	2130.72	2215.78	2210.23	2185.58	2.18	ppb
Molybdenum	98-1	2144.91	2214.57	2195.01	2184.83	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	669.36	696.47	827.65	731.16	11.58	ppb
Phosphorus	31-2	997.96	921.40	860.33	926.56	7.44	ppb
Potassium	39-2	27999.06	29042.81	34365.07	30468.98	11.21	ppb
Rhodium	103-1				98		%
Rhodium	103-2				92		%
Scandium	45-1				103		%
Scandium	45-2				99		%
Selenium	77-2	541.24	591.83	607.08	580.05	5.94	ppb
Selenium	78-2	422.09	416.12	495.66	444.62	9.96	ppb
Selenium	82-1	405.78	416.93	415.30	412.67	1.46	ppb
Silicon	28-1	3091.00	3181.47	3149.97	3140.81	1.46	ppb
Silver	109-1	482.68	490.68	493.50	488.96	1.15	ppb
Silver	107-1	480.49	488.22	485.97	484.90	0.82	ppb
Sodium	23-2	48853.23	50580.79	59835.66	53089.89	11.12	ppb
Strontium	86-1	467.23	484.60	476.25	476.02	1.83	ppb
Strontium	88-1	470.65	490.70	483.63	481.66	2.11	ppb
Sulfur	34-1	-1946.89	-1663.80	-1910.03	-1840.24		ppb
Terbium	159-1				104		%
Terbium	159-2				98		%
Thallium	203-1	504.92	529.97	514.81	516.57	2.44	ppb
Thallium	205-1	503.25	523.65	513.40	513.43	1.99	ppb
Tin	118-1	432.14	445.49	443.81	440.48	1.65	ppb
Titanium	47-1	3143.82	3198.42	3153.92	3165.39	0.92	ppb
Uranium	238-1	503.27	516.73	513.78	511.26	1.38	ppb
Vanadium	51-2	536.54	559.97	663.47	586.66	11.51	ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	1093.15	1135.83	1356.88	1195.29	11.84	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	475.74	490.40	490.10	485.41	1.73	ppb
Zirconium	91-1	471.25	487.90	489.49	482.88	2.09	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18075.86	17730.45	18252.60	18019.64	1.47	ppb
Antimony	121-1	0.21	0.47	0.17	0.29	57.19	ppb
Arsenic	75-2	16.80	16.93	16.04	16.59	2.90	ppb
Barium	135-1	143.69	131.71	131.14	135.51	5.23	ppb
Barium	137-1	145.11	130.79	131.56	135.82	5.93	ppb
Beryllium	9-1	1.39	1.45	1.29	1.38	5.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	45.97	44.88	43.42	44.76	2.86	ppb
Boron	11-1	49.43	41.90	42.89	44.74	9.14	ppb
Cadmium	111-1	0.66	0.49	0.57	0.57	14.67	ppb
Cadmium	106-1	3.55	2.42	3.15	3.04	18.78	ppb
Cadmium	108-1	1.31	0.84	1.25	1.13	22.31	ppb
Calcium	43-1	5926.82	5437.78	5413.24	5592.61	5.18	ppb
Calcium	44-1	6054.23	5488.38	5512.07	5684.89	5.63	ppb
Chromium	52-2	71.79	70.38	72.48	71.55	1.49	ppb
Cobalt	59-2	34.57	33.19	34.48	34.08	2.28	ppb
Copper	63-2	74.23	72.91	74.13	73.76	1.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	59409.37	58137.85	60149.28	59232.17	1.72	ppb
Iron	57-2	59316.72	58300.75	59609.19	59075.55	1.16	ppb
Krypton	83-1	-220.29	-82.12	-276.24	-192.88		ppb
Lead	206-1	262.35	239.59	236.91	246.29	5.68	ppb
Lead	207-1	242.10	219.33	220.35	227.26	5.66	ppb
Lead	208-1	256.61	234.49	232.34	241.15	5.57	ppb
Lithium	6-1				103		%
Magnesium	24-2	17149.72	16766.39	17374.08	17096.73	1.80	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	805.40	790.80	804.80	800.33	1.03	ppb
Molybdenum	94-1	26.52	24.96	25.07	25.52	3.42	ppb
Molybdenum	95-1	1.42	1.24	1.29	1.32	6.95	ppb
Molybdenum	96-1	4.60	4.38	4.30	4.42	3.52	ppb
Molybdenum	97-1	1.46	1.23	1.10	1.26	14.61	ppb
Molybdenum	98-1	1.29	1.28	1.27	1.28	0.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	228.16	224.80	230.30	227.75	1.22	ppb
Phosphorus	31-2	1121.26	1542.05	1170.20	1277.84	18.01	ppb
Potassium	39-2	3219.65	3206.57	3273.13	3233.11	1.09	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	80.70	65.01	86.29	77.33	14.26	ppb
Selenium	78-2	13.86	12.76	15.29	13.97	9.10	ppb
Selenium	82-1	0.99	0.82	0.45	0.75	36.87	ppb
Silicon	28-1	2521.76	2324.58	2302.81	2383.05	5.06	ppb
Silver	109-1	1.59	1.41	1.38	1.46	7.52	ppb
Silver	107-1	1.59	1.42	1.31	1.44	9.75	ppb
Sodium	23-2	355.40	338.69	354.20	349.43	2.67	ppb
Strontium	86-1	29.24	26.98	27.42	27.88	4.30	ppb
Strontium	88-1	30.24	27.75	28.08	28.69	4.71	ppb
Sulfur	34-1	-1257.26	-2251.86	-2282.26	-1930.46		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.50	0.38	0.36	0.41	18.76	ppb
Thallium	205-1	0.39	0.37	0.33	0.36	7.86	ppb
Tin	118-1	3.47	3.15	3.06	3.23	6.66	ppb
Titanium	47-1	668.78	612.00	610.13	630.30	5.29	ppb
Uranium	238-1	2.55	2.24	2.31	2.37	6.90	ppb
Vanadium	51-2	70.77	69.85	71.22	70.61	0.98	ppb
Yttrium	89-1				110		%
Yttrium	89-2				110		%
Zinc	66-2	308.44	309.08	308.56	308.69	0.11	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	17.20	15.97	15.87	16.35	4.55	ppb
Zirconium	91-1	16.61	15.95	15.50	16.02	3.50	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54201.06	53339.18	53330.53	53623.59	0.93	ppb
Antimony	121-1	505.23	446.33	510.27	487.28	7.30	ppb
Arsenic	75-2	516.67	510.45	515.86	514.33	0.66	ppb
Barium	135-1	2533.20	2281.89	2551.87	2455.65	6.14	ppb
Barium	137-1	2529.47	2212.66	2534.56	2425.56	7.60	ppb
Beryllium	9-1	518.72	468.52	520.48	502.57	5.87	ppb
Bismuth	209-1				104		%
Bismuth	209-2				97		%
Boron	10-1	505.80	483.70	539.95	509.82	5.56	ppb
Boron	11-1	502.27	478.06	539.25	506.53	6.08	ppb
Cadmium	111-1	515.18	456.91	517.43	496.51	6.91	ppb
Cadmium	106-1	524.75	464.32	519.79	502.95	6.67	ppb
Cadmium	108-1	519.05	466.49	523.61	503.05	6.31	ppb
Calcium	43-1	242722.14	213927.45	235021.82	230557.14	6.47	ppb
Calcium	44-1	243072.62	213479.23	233782.15	230111.34	6.58	ppb
Chromium	52-2	543.69	537.55	538.12	539.79	0.63	ppb
Cobalt	59-2	515.83	508.35	512.23	512.14	0.73	ppb
Copper	63-2	1027.71	1019.45	1010.69	1019.28	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				112		%
Holmium	165-2				104		%
Indium	115-1				107		%
Indium	115-2				100		%
Iron	56-2	132857.08	130400.77	130129.06	131128.97	1.15	ppb
Iron	57-2	134671.85	132221.04	131235.65	132709.51	1.33	ppb
Krypton	83-1	782.23	731.55	967.43	827.07	15.01	ppb
Lead	206-1	522.16	459.87	512.56	498.19	6.73	ppb
Lead	207-1	523.29	459.43	518.68	500.47	7.12	ppb
Lead	208-1	526.18	461.50	519.73	502.47	7.09	ppb
Lithium	6-1				106		%
Magnesium	24-2	262179.62	259379.82	259148.66	260236.04	0.65	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1056.47	1043.53	1046.95	1048.98	0.64	ppb
Molybdenum	94-1	2558.30	2248.59	2521.05	2442.65	6.92	ppb
Molybdenum	95-1	2544.80	2263.84	2517.14	2441.93	6.34	ppb
Molybdenum	96-1	2573.98	2262.19	2517.82	2451.33	6.78	ppb
Molybdenum	97-1	2538.72	2266.01	2510.31	2438.35	6.15	ppb
Molybdenum	98-1	2536.64	2269.04	2518.08	2441.25	6.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	525.45	519.09	520.49	521.68	0.64	ppb
Phosphorus	31-2	10881.59	10021.46	10470.11	10457.72	4.11	ppb
Potassium	39-2	133214.67	131986.06	130739.51	131980.08	0.94	ppb
Rhodium	103-1				104		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				102		%
Selenium	77-2	482.39	518.15	507.62	502.72	3.66	ppb
Selenium	78-2	543.22	495.10	531.01	523.11	4.78	ppb
Selenium	82-1	499.74	442.45	491.25	477.81	6.47	ppb
Silicon	28-1	543.86	478.04	533.34	518.41	6.82	ppb
Silver	109-1	494.06	439.52	491.39	474.99	6.47	ppb
Silver	107-1	490.68	439.60	500.40	476.89	6.85	ppb
Sodium	23-2	261216.91	257199.99	258334.06	258916.98	0.80	ppb
Strontium	86-1	503.67	445.06	492.80	480.51	6.49	ppb
Strontium	88-1	510.33	447.19	499.16	485.56	6.94	ppb
Sulfur	34-1	10361.47	7491.25	9262.18	9038.30	16.02	ppb
Terbium	159-1				112		%
Terbium	159-2				105		%
Thallium	203-1	534.89	472.56	517.99	508.48	6.34	ppb
Thallium	205-1	522.43	468.25	512.28	500.99	5.75	ppb
Tin	118-1	501.22	446.63	515.39	487.74	7.44	ppb
Titanium	47-1	2586.89	2297.15	2507.99	2464.01	6.08	ppb
Uranium	238-1	522.40	461.00	517.97	500.45	6.84	ppb
Vanadium	51-2	529.01	523.71	522.12	524.94	0.69	ppb
Yttrium	89-1				109		%
Yttrium	89-2				102		%
Zinc	66-2	1042.95	1027.28	1015.89	1028.71	1.32	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	516.46	457.68	511.53	495.23	6.58	ppb
Zirconium	91-1	511.42	458.85	499.33	489.87	5.62	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:11:35	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	1.37	0.38	0.62	105.63	ppb
Antimony	121-1	0.05	0.06	0.09	0.07	27.96	ppb
Arsenic	75-2	-0.04	-0.06	0.00	-0.03		ppb
Barium	135-1	-0.11	-0.12	-0.13	-0.12		ppb
Barium	137-1	-0.10	-0.10	-0.11	-0.11		ppb
Beryllium	9-1	-0.08	-0.07	-0.07	-0.07		ppb
Bismuth	209-1				106		%
Bismuth	209-2				98		%
Boron	10-1	14.40	13.07	12.79	13.42	6.39	ppb
Boron	11-1	14.51	13.89	13.81	14.07	2.75	ppb
Cadmium	111-1	-0.10	-0.01	-0.09	-0.07		ppb
Cadmium	106-1	-0.78	0.48	-0.55	-0.28		ppb
Cadmium	108-1	-0.14	-0.14	-0.01	-0.10		ppb
Calcium	43-1	-3.36	-1.89	-0.43	-1.89		ppb
Calcium	44-1	-5.45	-1.57	-1.49	-2.84		ppb
Chromium	52-2	-0.03	-0.04	0.00	-0.02		ppb
Cobalt	59-2	-0.12	-0.13	-0.12	-0.12		ppb
Copper	63-2	-0.10	-0.07	-0.10	-0.09		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				104		%
Indium	115-2				96		%
Iron	56-2	0.63	0.69	0.32	0.54	36.70	ppb
Iron	57-2	2.16	3.34	0.20	1.90	83.53	ppb
Krypton	83-1	791.07	1243.15	85.86	706.69	82.53	ppb
Lead	206-1	-0.06	-0.06	-0.07	-0.06		ppb
Lead	207-1	-0.05	-0.03	-0.06	-0.05		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1				104		%
Magnesium	24-2	1.55	2.52	1.71	1.93	26.91	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:11:35	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.04	-0.05	0.00	1635.17	ppb
Molybdenum	94-1	0.06	0.06	0.08	0.07	18.81	ppb
Molybdenum	95-1	0.11	0.11	0.10	0.11	3.28	ppb
Molybdenum	96-1	0.09	0.12	0.11	0.11	12.94	ppb
Molybdenum	97-1	0.06	0.11	0.07	0.08	37.15	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.11	6.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	-0.14	-0.11		ppb
Phosphorus	31-2	-10.80	3.39	16.26	2.95	458.50	ppb
Potassium	39-2	46.55	67.28	42.86	52.23	25.20	ppb
Rhodium	103-1				105		%
Rhodium	103-2				96		%
Scandium	45-1				103		%
Scandium	45-2				94		%
Selenium	77-2	-2.22	-2.22	-2.22	-2.22		ppb
Selenium	78-2	-1.48	-1.46	-2.06	-1.67		ppb
Selenium	82-1	0.28	0.91	0.13	0.44	94.96	ppb
Silicon	28-1	-2.78	-2.42	-2.22	-2.47		ppb
Silver	109-1	-0.05	-0.03	-0.05	-0.04		ppb
Silver	107-1	-0.04	0.00	-0.06	-0.03		ppb
Sodium	23-2	33.45	46.15	32.39	37.33	20.51	ppb
Strontium	86-1	-0.03	0.02	0.04	0.01	382.65	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	538.81	ppb
Sulfur	34-1	-964.51	-585.38	-749.65	-766.51		ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.08	0.04	0.06	0.06	36.82	ppb
Thallium	205-1	0.03	0.04	0.03	0.03	20.85	ppb
Tin	118-1	0.01	0.02	0.02	0.02	46.22	ppb
Titanium	47-1	0.01	0.03	0.07	0.04	74.97	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.06	-0.06	-0.07	-0.06		ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	-0.21	-0.09	0.04	-0.09		ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:11:35	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.01	0.01	0.01	24.66	ppb
Zirconium	91-1	0.01	0.03	0.00	0.01	101.16	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25978.14	24898.78	25327.02	25401.32	2.14	ppb
Antimony	121-1	0.07	0.05	0.07	0.06	20.01	ppb
Arsenic	75-2	11.32	11.51	11.30	11.38	1.02	ppb
Barium	135-1	128.60	130.38	146.35	135.11	7.24	ppb
Barium	137-1	128.07	131.98	144.40	134.82	6.32	ppb
Beryllium	9-1	1.89	1.85	2.02	1.92	4.49	ppb
Bismuth	209-1				98		%
Bismuth	209-2				100		%
Boron	10-1	22.07	23.72	24.63	23.47	5.52	ppb
Boron	11-1	23.51	23.16	26.79	24.49	8.18	ppb
Cadmium	111-1	0.35	0.51	0.61	0.49	26.13	ppb
Cadmium	106-1	3.25	5.00	5.22	4.49	23.99	ppb
Cadmium	108-1	2.00	1.81	1.63	1.81	10.13	ppb
Calcium	43-1	6541.95	6745.59	7468.55	6918.70	7.04	ppb
Calcium	44-1	6768.10	6827.61	7580.20	7058.64	6.41	ppb
Chromium	52-2	101.75	99.10	99.53	100.13	1.42	ppb
Cobalt	59-2	64.33	62.82	63.07	63.41	1.28	ppb
Copper	63-2	90.94	89.32	89.25	89.84	1.06	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				103		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	79229.92	77062.71	78171.48	78154.70	1.39	ppb
Iron	57-2	79648.27	78438.21	78191.40	78759.29	0.99	ppb
Krypton	83-1	277.99	250.37	-620.33	-30.66		ppb
Lead	206-1	98.73	100.01	110.43	103.05	6.23	ppb
Lead	207-1	89.59	91.73	101.21	94.18	6.57	ppb
Lead	208-1	94.04	96.22	106.41	98.89	6.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	83862.29	82331.81	83266.35	83153.48	0.93	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1487.76	1440.43	1452.33	1460.17	1.69	ppb
Molybdenum	94-1	33.86	35.04	38.53	35.81	6.78	ppb
Molybdenum	95-1	1.01	0.92	1.06	1.00	7.12	ppb
Molybdenum	96-1	5.03	5.29	5.72	5.35	6.46	ppb
Molybdenum	97-1	0.90	0.93	1.13	0.99	12.52	ppb
Molybdenum	98-1	0.93	0.97	1.07	0.99	6.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1043.94	1019.41	1026.32	1029.89	1.23	ppb
Phosphorus	31-2	1163.71	1333.38	1327.31	1274.80	7.55	ppb
Potassium	39-2	4889.79	4636.67	4809.27	4778.58	2.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	91.12	130.71	157.81	126.55	26.50	ppb
Selenium	78-2	21.35	16.79	18.86	19.00	12.03	ppb
Selenium	82-1	1.40	1.59	1.01	1.33	22.22	ppb
Silicon	28-1	248.74	250.72	267.16	255.54	3.96	ppb
Silver	109-1	0.90	0.88	0.77	0.85	7.99	ppb
Silver	107-1	0.88	0.94	0.86	0.90	4.49	ppb
Sodium	23-2	1003.74	982.01	1007.63	997.80	1.38	ppb
Strontium	86-1	34.42	35.87	39.24	36.51	6.77	ppb
Strontium	88-1	35.51	36.14	39.83	37.16	6.28	ppb
Sulfur	34-1	-1724.41	-1690.02	-698.39	-1370.94		ppb
Terbium	159-1				101		%
Terbium	159-2				104		%
Thallium	203-1	0.37	0.40	0.42	0.39	6.43	ppb
Thallium	205-1	0.39	0.35	0.43	0.39	9.84	ppb
Tin	118-1	1.70	1.74	1.82	1.75	3.44	ppb
Titanium	47-1	396.48	397.87	441.18	411.84	6.17	ppb
Uranium	238-1	2.06	2.13	2.38	2.19	7.86	ppb
Vanadium	51-2	70.27	67.74	68.20	68.74	1.96	ppb
Yttrium	89-1				113		%
Yttrium	89-2				116		%
Zinc	66-2	232.40	226.94	229.23	229.52	1.19	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	22.68	23.02	25.44	23.71	6.34	ppb
Zirconium	91-1	21.95	23.19	25.27	23.47	7.14	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	22022.28	21802.49	21850.77	21891.85	0.53	ppb
Antimony	121-1	0.41	0.40	0.40	0.40	1.15	ppb
Arsenic	75-2	43.40	43.58	44.83	43.94	1.77	ppb
Barium	135-1	218.83	221.55	223.56	221.31	1.07	ppb
Barium	137-1	220.07	220.15	222.89	221.03	0.73	ppb
Beryllium	9-1	1.97	2.04	2.07	2.03	2.57	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	17.18	17.60	17.16	17.31	1.43	ppb
Boron	11-1	17.58	18.87	17.37	17.94	4.51	ppb
Cadmium	111-1	0.87	0.94	1.13	0.98	13.45	ppb
Cadmium	106-1	2.82	3.04	4.51	3.46	26.64	ppb
Cadmium	108-1	1.70	1.71	2.26	1.89	16.96	ppb
Calcium	43-1	4290.75	4297.57	4280.91	4289.74	0.20	ppb
Calcium	44-1	4371.48	4369.87	4401.29	4380.88	0.40	ppb
Chromium	52-2	133.89	133.88	132.30	133.35	0.69	ppb
Cobalt	59-2	44.00	44.33	43.85	44.06	0.56	ppb
Copper	63-2	125.64	124.58	123.22	124.48	0.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				99		%
Iron	56-2	80592.28	79313.83	78463.98	79456.70	1.35	ppb
Iron	57-2	81496.68	79297.46	79261.56	80018.57	1.60	ppb
Krypton	83-1	-244.16	-373.60	-31.46	-216.41		ppb
Lead	206-1	576.27	569.29	558.25	567.94	1.60	ppb
Lead	207-1	535.19	526.14	521.02	527.45	1.36	ppb
Lead	208-1	551.50	545.66	542.50	546.55	0.84	ppb
Lithium	6-1				104		%
Magnesium	24-2	13955.02	13857.82	13820.41	13877.75	0.50	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2201.49	2180.15	2176.66	2186.10	0.61	ppb
Molybdenum	94-1	25.40	25.29	25.64	25.44	0.71	ppb
Molybdenum	95-1	2.30	2.28	2.42	2.33	3.18	ppb
Molybdenum	96-1	5.39	5.13	5.30	5.28	2.50	ppb
Molybdenum	97-1	2.16	2.34	2.19	2.23	4.14	ppb
Molybdenum	98-1	2.35	2.30	2.35	2.33	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	345.83	345.33	341.15	344.10	0.75	ppb
Phosphorus	31-2	1457.59	1129.07	1236.63	1274.43	13.14	ppb
Potassium	39-2	3791.85	3763.14	3807.90	3787.63	0.60	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				101		%
Selenium	77-2	147.46	78.11	84.94	103.50	36.93	ppb
Selenium	78-2	15.82	13.96	15.12	14.96	6.29	ppb
Selenium	82-1	1.64	1.28	1.31	1.41	14.12	ppb
Silicon	28-1	2653.18	2620.80	2619.91	2631.30	0.72	ppb
Silver	109-1	1.53	1.32	1.18	1.34	13.13	ppb
Silver	107-1	1.43	1.26	1.17	1.28	10.18	ppb
Sodium	23-2	651.18	647.27	639.39	645.95	0.93	ppb
Strontium	86-1	32.28	32.17	32.51	32.32	0.54	ppb
Strontium	88-1	33.19	33.26	33.39	33.28	0.31	ppb
Sulfur	34-1	-1744.81	-1814.62	-1873.53	-1810.99		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	0.38	0.36	0.39	0.38	4.80	ppb
Thallium	205-1	0.38	0.38	0.38	0.38	1.15	ppb
Tin	118-1	3.39	3.30	3.44	3.38	2.03	ppb
Titanium	47-1	622.59	612.99	620.74	618.77	0.82	ppb
Uranium	238-1	3.32	3.26	3.21	3.26	1.62	ppb
Vanadium	51-2	91.76	91.64	91.51	91.64	0.14	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%
Zinc	66-2	438.18	433.98	426.91	433.02	1.31	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	16.06	15.90	16.05	16.00	0.58	ppb
Zirconium	91-1	15.88	15.53	15.89	15.76	1.30	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19055.53	17017.23	17347.26	17806.67	6.14	ppb
Antimony	121-1	0.26	0.27	0.29	0.28	5.61	ppb
Arsenic	75-2	33.76	29.39	30.09	31.08	7.55	ppb
Barium	135-1	297.18	291.65	310.28	299.70	3.19	ppb
Barium	137-1	299.82	292.78	313.03	301.88	3.41	ppb
Beryllium	9-1	1.60	1.61	1.80	1.67	6.85	ppb
Bismuth	209-1				100		%
Bismuth	209-2				104		%
Boron	10-1	14.07	14.11	13.19	13.79	3.78	ppb
Boron	11-1	14.53	14.70	15.10	14.78	1.99	ppb
Cadmium	111-1	1.94	1.86	1.89	1.89	1.96	ppb
Cadmium	106-1	4.54	4.21	2.45	3.74	30.02	ppb
Cadmium	108-1	3.04	2.72	2.70	2.82	6.70	ppb
Calcium	43-1	4403.83	4330.21	4481.64	4405.22	1.72	ppb
Calcium	44-1	4449.25	4391.42	4594.58	4478.42	2.34	ppb
Chromium	52-2	176.41	156.91	158.86	164.06	6.55	ppb
Cobalt	59-2	38.67	34.74	35.13	36.18	5.97	ppb
Copper	63-2	109.56	97.43	99.37	102.12	6.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				106		%
Indium	115-1				99		%
Indium	115-2				105		%
Iron	56-2	90943.46	80715.04	83130.55	84929.68	6.29	ppb
Iron	57-2	92767.10	81521.39	84242.40	86176.96	6.81	ppb
Krypton	83-1	439.62	108.54	-35.19	170.99	142.40	ppb
Lead	206-1	1598.85	1583.52	1659.20	1613.86	2.48	ppb
Lead	207-1	1522.89	1520.70	1572.15	1538.58	1.89	ppb
Lead	208-1	1577.72	1558.11	1629.66	1588.50	2.33	ppb
Lithium	6-1				102		%
Magnesium	24-2	12822.45	11338.81	11639.13	11933.46	6.57	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1473.83	1316.61	1344.46	1378.30	6.09	ppb
Molybdenum	94-1	24.89	23.56	25.22	24.55	3.58	ppb
Molybdenum	95-1	1.54	1.39	1.58	1.50	6.56	ppb
Molybdenum	96-1	4.39	4.42	4.57	4.46	2.13	ppb
Molybdenum	97-1	1.45	1.50	1.37	1.44	4.37	ppb
Molybdenum	98-1	1.42	1.41	1.41	1.41	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	284.89	257.36	264.29	268.85	5.33	ppb
Phosphorus	31-2	1550.76	1180.91	1457.85	1396.51	13.78	ppb
Potassium	39-2	3315.40	2909.19	3005.73	3076.78	6.90	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				101		%
Scandium	45-2				106		%
Selenium	77-2	98.76	99.52	129.07	109.11	15.84	ppb
Selenium	78-2	13.77	12.59	11.11	12.49	10.67	ppb
Selenium	82-1	2.04	0.94	1.13	1.37	42.88	ppb
Silicon	28-1	468.63	427.74	552.66	483.01	13.19	ppb
Silver	109-1	1.10	0.95	0.92	0.99	9.88	ppb
Silver	107-1	1.06	0.96	0.90	0.97	7.94	ppb
Sodium	23-2	505.45	457.46	463.35	475.42	5.51	ppb
Strontium	86-1	39.11	38.07	40.61	39.26	3.25	ppb
Strontium	88-1	40.38	39.15	41.07	40.20	2.42	ppb
Sulfur	34-1	-1469.13	-1618.60	-995.87	-1361.20		ppb
Terbium	159-1				100		%
Terbium	159-2				107		%
Thallium	203-1	0.24	0.23	0.26	0.24	5.04	ppb
Thallium	205-1	0.27	0.24	0.24	0.25	7.86	ppb
Tin	118-1	3.73	3.52	3.82	3.69	4.11	ppb
Titanium	47-1	437.89	433.29	450.99	440.72	2.08	ppb
Uranium	238-1	2.77	2.72	2.82	2.77	1.92	ppb
Vanadium	51-2	80.01	72.96	73.13	75.37	5.34	ppb
Yttrium	89-1				106		%
Yttrium	89-2				113		%
Zinc	66-2	1054.49	933.17	965.07	984.24	6.39	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	15.58	15.32	16.03	15.65	2.28	ppb
Zirconium	91-1	15.40	15.29	15.73	15.47	1.46	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20802.53	18746.48	18510.98	19353.33	6.51	ppb
Antimony	121-1	0.32	0.33	0.36	0.33	6.34	ppb
Arsenic	75-2	27.49	23.20	25.11	25.27	8.50	ppb
Barium	135-1	117.21	117.79	116.82	117.28	0.42	ppb
Barium	137-1	114.98	118.06	117.18	116.74	1.36	ppb
Beryllium	9-1	1.31	1.27	1.25	1.28	2.52	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	14.29	13.54	13.48	13.77	3.30	ppb
Boron	11-1	13.28	14.48	13.61	13.79	4.50	ppb
Cadmium	111-1	0.41	0.48	0.40	0.43	9.90	ppb
Cadmium	106-1	1.07	2.38	1.38	1.61	42.40	ppb
Cadmium	108-1	1.15	1.16	1.58	1.29	19.08	ppb
Calcium	43-1	3777.06	4014.97	3911.13	3901.05	3.06	ppb
Calcium	44-1	4007.77	4004.55	4013.93	4008.75	0.12	ppb
Chromium	52-2	135.83	124.59	122.12	127.51	5.73	ppb
Cobalt	59-2	34.27	31.42	30.89	32.19	5.65	ppb
Copper	63-2	99.27	90.40	89.89	93.19	5.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	61972.56	56399.31	55267.74	57879.87	6.20	ppb
Iron	57-2	61579.67	55904.05	55301.06	57594.93	6.01	ppb
Krypton	83-1	-136.71	1033.25	-565.94	110.20	751.09	ppb
Lead	206-1	470.03	479.35	481.24	476.88	1.26	ppb
Lead	207-1	444.73	445.71	446.57	445.67	0.21	ppb
Lead	208-1	459.29	465.77	461.76	462.27	0.71	ppb
Lithium	6-1				105		%
Magnesium	24-2	9266.25	8500.76	8361.09	8709.37	5.60	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1060.12	948.06	945.74	984.64	6.64	ppb
Molybdenum	94-1	19.31	19.83	19.71	19.62	1.38	ppb
Molybdenum	95-1	1.90	1.88	1.92	1.90	1.15	ppb
Molybdenum	96-1	4.01	4.27	4.04	4.11	3.46	ppb
Molybdenum	97-1	1.84	1.86	1.85	1.85	0.53	ppb
Molybdenum	98-1	1.91	1.95	1.84	1.90	2.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	181.91	163.85	162.86	169.54	6.33	ppb
Phosphorus	31-2	1528.60	1189.90	1426.75	1381.75	12.58	ppb
Potassium	39-2	2408.08	2215.56	2138.52	2254.06	6.16	ppb
Rhodium	103-1				103		%
Rhodium	103-2				98		%
Scandium	45-1				106		%
Scandium	45-2				100		%
Selenium	77-2	73.40	104.67	83.63	87.23	18.27	ppb
Selenium	78-2	12.31	10.19	7.68	10.06	23.02	ppb
Selenium	82-1	1.24	2.26	0.78	1.43	52.75	ppb
Silicon	28-1	2034.37	1943.83	1914.34	1964.18	3.18	ppb
Silver	109-1	1.36	1.27	1.10	1.24	10.67	ppb
Silver	107-1	1.35	1.30	1.14	1.26	8.77	ppb
Sodium	23-2	348.09	295.90	296.24	313.41	9.58	ppb
Strontium	86-1	32.27	32.53	32.83	32.54	0.87	ppb
Strontium	88-1	32.89	33.69	33.27	33.28	1.20	ppb
Sulfur	34-1	-2066.33	-1914.61	-2326.46	-2102.46		ppb
Terbium	159-1				105		%
Terbium	159-2				101		%
Thallium	203-1	0.24	0.21	0.22	0.22	5.32	ppb
Thallium	205-1	0.19	0.19	0.18	0.19	4.73	ppb
Tin	118-1	3.21	3.46	3.44	3.37	4.14	ppb
Titanium	47-1	472.32	494.51	487.99	484.94	2.35	ppb
Uranium	238-1	2.20	2.23	2.29	2.24	1.98	ppb
Vanadium	51-2	90.69	82.27	82.14	85.03	5.76	ppb
Yttrium	89-1				110		%
Yttrium	89-2				106		%
Zinc	66-2	365.52	331.44	326.16	341.04	6.26	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	11.87	12.34	12.74	12.32	3.51	ppb
Zirconium	91-1	11.47	12.18	11.92	11.85	3.05	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	98153.92	97784.45	97269.49	97735.95	0.45	ppb
Antimony	121-1	0.16	0.10	0.09	0.12	33.28	ppb
Arsenic	75-2	34.53	35.35	35.49	35.12	1.48	ppb
Barium	135-1	606.68	510.81	498.88	538.79	10.97	ppb
Barium	137-1	609.77	514.03	498.67	540.82	11.13	ppb
Beryllium	9-1	6.44	5.60	5.57	5.87	8.41	ppb
Bismuth	209-1				92		%
Bismuth	209-2				99		%
Boron	10-1	19.75	17.70	15.99	17.81	10.57	ppb
Boron	11-1	20.25	17.09	17.05	18.13	10.13	ppb
Cadmium	111-1	2.14	1.97	2.01	2.04	4.43	ppb
Cadmium	106-1	10.83	8.53	10.26	9.87	12.13	ppb
Cadmium	108-1	5.70	5.05	5.31	5.35	6.09	ppb
Calcium	43-1	5209.82	4410.59	4293.72	4638.04	10.75	ppb
Calcium	44-1	5232.47	4460.17	4328.69	4673.78	10.45	ppb
Chromium	52-2	326.97	324.84	319.49	323.77	1.19	ppb
Cobalt	59-2	119.80	118.86	118.78	119.14	0.48	ppb
Copper	63-2	202.76	202.59	201.31	202.22	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				95		%
Holmium	165-2				104		%
Indium	115-1				93		%
Indium	115-2				101		%
Iron	56-2	194021.06	192592.53	192232.03	192948.54	0.49	ppb
Iron	57-2	191924.97	190368.63	189711.51	190668.37	0.60	ppb
Krypton	83-1	-1031.12	-89.33	870.02	-83.48		ppb
Lead	206-1	1045.72	889.00	858.79	931.17	10.78	ppb
Lead	207-1	977.41	834.78	793.38	868.52	11.12	ppb
Lead	208-1	1010.26	861.59	824.66	898.84	10.93	ppb
Lithium	6-1				98		%
Magnesium	24-2	27123.21	26937.13	26454.61	26838.32	1.29	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2518.49	2499.19	2490.54	2502.74	0.57	ppb
Molybdenum	94-1	98.14	82.80	82.37	87.77	10.24	ppb
Molybdenum	95-1	4.38	3.68	3.65	3.90	10.67	ppb
Molybdenum	96-1	16.22	14.06	13.74	14.68	9.17	ppb
Molybdenum	97-1	4.08	3.59	3.73	3.80	6.65	ppb
Molybdenum	98-1	4.12	3.59	3.56	3.76	8.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	666.29	661.69	659.25	662.41	0.54	ppb
Phosphorus	31-2	2755.41	2267.41	2612.37	2545.07	9.86	ppb
Potassium	39-2	6755.79	6683.88	6607.09	6682.26	1.11	ppb
Rhodium	103-1				92		%
Rhodium	103-2				98		%
Scandium	45-1				104		%
Scandium	45-2				111		%
Selenium	77-2	161.93	137.42	165.97	155.11	9.96	ppb
Selenium	78-2	25.86	30.82	18.44	25.04	24.89	ppb
Selenium	82-1	4.53	3.39	3.86	3.93	14.64	ppb
Silicon	28-1	581.01	484.59	602.80	556.13	11.31	ppb
Silver	109-1	2.09	1.63	1.39	1.71	20.69	ppb
Silver	107-1	2.11	1.65	1.52	1.76	17.59	ppb
Sodium	23-2	1862.66	1833.50	1809.53	1835.23	1.45	ppb
Strontium	86-1	55.13	48.26	46.29	49.89	9.30	ppb
Strontium	88-1	56.76	48.72	47.62	51.03	9.78	ppb
Sulfur	34-1	-841.59	-2585.33	-3043.96	-2156.96		ppb
Terbium	159-1				96		%
Terbium	159-2				103		%
Thallium	203-1	1.15	1.01	0.95	1.04	10.03	ppb
Thallium	205-1	1.16	0.96	0.96	1.03	11.19	ppb
Tin	118-1	2.80	2.34	2.10	2.41	14.80	ppb
Titanium	47-1	880.44	747.15	722.76	783.45	10.83	ppb
Uranium	238-1	11.68	10.03	9.52	10.41	10.86	ppb
Vanadium	51-2	208.76	205.61	205.53	206.63	0.89	ppb
Yttrium	89-1				110		%
Yttrium	89-2				118		%
Zinc	66-2	868.19	853.12	848.18	856.50	1.22	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	63.36	54.41	52.96	56.91	9.90	ppb
Zirconium	91-1	61.76	53.68	52.53	55.99	8.98	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53160.96	52443.43	52556.13	52720.17	0.73	ppb
Antimony	121-1	511.26	500.69	512.90	508.28	1.30	ppb
Arsenic	75-2	505.29	501.80	504.57	503.89	0.37	ppb
Barium	135-1	2572.02	2525.99	2572.63	2556.88	1.05	ppb
Barium	137-1	2552.17	2513.32	2531.48	2532.32	0.77	ppb
Beryllium	9-1	512.41	525.84	518.10	518.78	1.30	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	496.16	519.02	529.14	514.77	3.28	ppb
Boron	11-1	492.67	523.96	525.06	513.90	3.58	ppb
Cadmium	111-1	522.48	514.45	520.39	519.11	0.80	ppb
Cadmium	106-1	525.77	515.41	531.99	524.39	1.60	ppb
Cadmium	108-1	524.23	525.78	524.18	524.73	0.17	ppb
Calcium	43-1	238246.13	237520.50	241307.51	239024.71	0.84	ppb
Calcium	44-1	237593.97	237455.37	240151.63	238400.32	0.64	ppb
Chromium	52-2	535.50	528.73	527.96	530.73	0.78	ppb
Cobalt	59-2	510.65	504.05	505.85	506.85	0.67	ppb
Copper	63-2	1022.10	987.38	1009.66	1006.38	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	130356.05	127845.02	129528.06	129243.04	0.99	ppb
Iron	57-2	131849.65	129864.58	131377.49	131030.57	0.79	ppb
Krypton	83-1	439.37	549.62	544.60	511.20	12.18	ppb
Lead	206-1	516.87	513.14	516.81	515.61	0.41	ppb
Lead	207-1	526.85	509.83	517.71	518.13	1.64	ppb
Lead	208-1	522.54	515.36	520.42	519.44	0.71	ppb
Lithium	6-1				102		%
Magnesium	24-2	261681.58	256978.11	254047.51	257569.07	1.50	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1039.18	1024.63	1028.30	1030.70	0.73	ppb
Molybdenum	94-1	2525.29	2570.17	2565.26	2553.58	0.96	ppb
Molybdenum	95-1	2527.06	2564.85	2548.72	2546.87	0.74	ppb
Molybdenum	96-1	2542.05	2544.20	2541.04	2542.43	0.06	ppb
Molybdenum	97-1	2539.19	2582.97	2567.27	2563.14	0.87	ppb
Molybdenum	98-1	2535.16	2581.28	2544.35	2553.60	0.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.40	514.19	516.46	518.02	0.93	ppb
Phosphorus	31-2	10301.04	10396.07	9759.69	10152.27	3.38	ppb
Potassium	39-2	130598.68	129008.05	128899.44	129502.06	0.73	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				105		%
Scandium	45-2				102		%
Selenium	77-2	497.14	459.27	480.46	478.96	3.96	ppb
Selenium	78-2	495.76	503.18	471.30	490.08	3.40	ppb
Selenium	82-1	493.22	504.63	501.34	499.73	1.18	ppb
Silicon	28-1	523.35	525.74	545.82	531.64	2.32	ppb
Silver	109-1	501.67	490.88	487.93	493.50	1.46	ppb
Silver	107-1	500.08	489.38	488.99	492.82	1.28	ppb
Sodium	23-2	259460.26	256356.04	254678.95	256831.75	0.94	ppb
Strontium	86-1	500.20	507.33	500.15	502.56	0.82	ppb
Strontium	88-1	507.27	510.18	507.32	508.25	0.33	ppb
Sulfur	34-1	9823.65	9867.34	10111.86	9934.28	1.56	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	522.59	519.76	518.21	520.19	0.43	ppb
Thallium	205-1	514.51	513.92	520.08	516.17	0.66	ppb
Tin	118-1	519.18	506.36	511.69	512.41	1.26	ppb
Titanium	47-1	2545.80	2534.01	2580.52	2553.44	0.95	ppb
Uranium	238-1	515.20	515.42	517.09	515.90	0.20	ppb
Vanadium	51-2	523.78	513.51	512.85	516.72	1.19	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	1019.93	1006.67	1010.86	1012.49	0.67	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	517.62	521.04	515.88	518.18	0.51	ppb
Zirconium	91-1	516.75	516.80	517.92	517.16	0.13	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 20:37:52 DataFile Name : 043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.08	0.20	0.02	850.26	ppb
Antimony	121-1	0.02	0.02	0.04	0.03	42.84	ppb
Arsenic	75-2	-0.11	-0.11	-0.08	-0.10		ppb
Barium	135-1	-0.13	-0.12	-0.13	-0.13		ppb
Barium	137-1	-0.11	-0.11	-0.10	-0.11		ppb
Beryllium	9-1	-0.07	-0.09	-0.12	-0.09		ppb
Bismuth	209-1				115		%
Bismuth	209-2				109		%
Boron	10-1	9.80	9.01	10.29	9.70	6.64	ppb
Boron	11-1	10.62	9.71	10.24	10.19	4.49	ppb
Cadmium	111-1	-0.08	-0.06	-0.03	-0.06		ppb
Cadmium	106-1	-0.45	-0.29	0.31	-0.14		ppb
Cadmium	108-1	-0.05	-0.05	-0.14	-0.08		ppb
Calcium	43-1	-1.88	1.15	-0.54	-0.42		ppb
Calcium	44-1	-7.36	-6.93	-6.46	-6.92		ppb
Chromium	52-2	-0.09	-0.10	-0.06	-0.08		ppb
Cobalt	59-2	-0.13	-0.15	-0.14	-0.14		ppb
Copper	63-2	-0.11	-0.13	-0.14	-0.13		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				113		%
Holmium	165-2				108		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	0.30	0.14	0.40	0.28	46.38	ppb
Iron	57-2	-0.27	-0.87	-0.26	-0.47		ppb
Krypton	83-1	859.69	791.50	520.18	723.79	24.81	ppb
Lead	206-1	0.03	0.02	0.00	0.01	110.95	ppb
Lead	207-1	-0.01	-0.01	0.01	0.00		ppb
Lead	208-1	0.01	0.00	0.02	0.01	54.33	ppb
Lithium	6-1				112		%
Magnesium	24-2	0.37	-0.07	1.41	0.57	132.94	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:37:52	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.01	-0.01	0.01	198.20	ppb
Molybdenum	94-1	0.00	0.01	0.00	0.00	88.03	ppb
Molybdenum	95-1	0.07	0.05	0.07	0.06	21.26	ppb
Molybdenum	96-1	0.02	0.01	0.06	0.03	95.12	ppb
Molybdenum	97-1	0.03	-0.02	-0.01	0.00		ppb
Molybdenum	98-1	0.04	0.06	0.03	0.04	37.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.14	-0.13	-0.13		ppb
Phosphorus	31-2	-10.80	1.62	1.73	-2.48		ppb
Potassium	39-2	36.30	13.38	33.41	27.69	45.07	ppb
Rhodium	103-1				112		%
Rhodium	103-2				106		%
Scandium	45-1				112		%
Scandium	45-2				104		%
Selenium	77-2	-2.22	0.95	0.93	-0.11		ppb
Selenium	78-2	-1.00	-2.06	-2.06	-1.71		ppb
Selenium	82-1	0.13	0.15	0.03	0.11	59.37	ppb
Silicon	28-1	-12.67	-12.50	-11.67	-12.28		ppb
Silver	109-1	0.08	0.04	0.00	0.04	92.76	ppb
Silver	107-1	0.10	0.06	-0.02	0.05	132.46	ppb
Sodium	23-2	22.96	19.54	13.05	18.52	27.19	ppb
Strontium	86-1	-0.03	0.00	0.05	0.01	534.19	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	60.47	ppb
Sulfur	34-1	-1712.59	-1683.85	-1437.65	-1611.36		ppb
Terbium	159-1				114		%
Terbium	159-2				109		%
Thallium	203-1	0.04	0.02	0.02	0.03	30.50	ppb
Thallium	205-1	0.01	0.03	0.01	0.02	69.02	ppb
Tin	118-1	0.01	0.01	0.01	0.01	31.88	ppb
Titanium	47-1	-0.03	-0.04	-0.01	-0.03		ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.07	-0.06	-0.05	-0.06		ppb
Yttrium	89-1				111		%
Yttrium	89-2				106		%
Zinc	66-2	0.06	-0.17	0.06	-0.02		ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:37:52	DataFile Name :	043CCBE.d

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

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5459.18	5498.12	5410.12	5455.81	0.81	ppb
Antimony	121-1	0.04	0.04	0.02	0.03	26.90	ppb
Arsenic	75-2	2.81	2.60	2.66	2.69	4.12	ppb
Barium	135-1	26.23	25.49	26.98	26.23	2.83	ppb
Barium	137-1	27.11	26.09	26.79	26.66	1.95	ppb
Beryllium	9-1	0.40	0.36	0.30	0.35	13.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				102		%
Boron	10-1	10.59	10.39	8.47	9.82	11.92	ppb
Boron	11-1	10.08	10.07	9.97	10.04	0.58	ppb
Cadmium	111-1	0.10	0.08	0.07	0.09	21.29	ppb
Cadmium	106-1	1.42	0.67	0.79	0.96	41.73	ppb
Cadmium	108-1	0.28	0.30	0.31	0.30	5.90	ppb
Calcium	43-1	786.25	768.27	788.10	780.87	1.40	ppb
Calcium	44-1	804.62	787.31	805.60	799.18	1.29	ppb
Chromium	52-2	157.07	157.25	156.60	156.97	0.22	ppb
Cobalt	59-2	18.51	18.42	18.32	18.41	0.51	ppb
Copper	63-2	22.96	22.65	23.01	22.88	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				101		%
Iron	56-2	23502.81	23570.92	23514.09	23529.27	0.16	ppb
Iron	57-2	23368.83	23372.50	23361.40	23367.58	0.02	ppb
Krypton	83-1	207.04	815.23	-78.47	314.60	145.09	ppb
Lead	206-1	10.24	10.40	10.42	10.35	0.96	ppb
Lead	207-1	9.13	9.28	9.26	9.22	0.88	ppb
Lead	208-1	9.83	9.90	9.84	9.86	0.37	ppb
Lithium	6-1				105		%
Magnesium	24-2	4006.70	3990.33	4013.29	4003.44	0.30	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.02	220.65	219.51	219.72	0.38	ppb
Molybdenum	94-1	7.82	7.87	7.70	7.80	1.14	ppb
Molybdenum	95-1	0.31	0.27	0.35	0.31	11.52	ppb
Molybdenum	96-1	1.17	1.18	1.26	1.20	4.29	ppb
Molybdenum	97-1	0.28	0.23	0.26	0.26	10.25	ppb
Molybdenum	98-1	0.29	0.28	0.29	0.29	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	116.50	117.98	117.64	117.37	0.66	ppb
Phosphorus	31-2	298.57	350.50	388.90	345.99	13.10	ppb
Potassium	39-2	1000.17	978.38	965.13	981.23	1.80	ppb
Rhodium	103-1				104		%
Rhodium	103-2				100		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	49.15	33.00	29.79	37.31	27.81	ppb
Selenium	78-2	4.38	4.90	9.18	6.15	42.80	ppb
Selenium	82-1	0.20	0.53	-0.06	0.22	131.99	ppb
Silicon	28-1	612.38	600.00	627.67	613.35	2.26	ppb
Silver	109-1	0.45	0.41	0.32	0.39	16.85	ppb
Silver	107-1	0.45	0.40	0.33	0.39	15.55	ppb
Sodium	23-2	327.33	315.59	318.48	320.46	1.91	ppb
Strontium	86-1	5.79	5.24	5.86	5.63	6.07	ppb
Strontium	88-1	5.86	5.79	5.96	5.87	1.49	ppb
Sulfur	34-1	-999.20	-1298.47	-1013.32	-1103.66		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.07	0.06	0.06	0.06	7.47	ppb
Thallium	205-1	0.06	0.05	0.03	0.05	30.83	ppb
Tin	118-1	0.23	0.21	0.21	0.22	6.82	ppb
Titanium	47-1	159.87	159.67	158.83	159.45	0.35	ppb
Uranium	238-1	0.58	0.56	0.56	0.56	1.68	ppb
Vanadium	51-2	21.82	20.99	20.86	21.22	2.46	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%
Zinc	66-2	43.00	43.75	43.37	43.38	0.86	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.09	5.06	5.11	5.09	0.46	ppb
Zirconium	91-1	5.17	4.98	5.24	5.13	2.63	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:44:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5524.30	5393.92	5454.48	5457.56	1.20	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	23.16	ppb
Arsenic	75-2	2.75	2.78	2.68	2.74	1.95	ppb
Barium	135-1	25.71	23.82	28.97	26.17	9.95	ppb
Barium	137-1	26.47	23.68	28.87	26.34	9.85	ppb
Beryllium	9-1	0.39	0.30	0.46	0.38	19.99	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	8.59	7.41	8.22	8.07	7.53	ppb
Boron	11-1	8.10	7.95	8.91	8.32	6.18	ppb
Cadmium	111-1	0.00	0.08	-0.03	0.02	323.60	ppb
Cadmium	106-1	0.04	1.19	-0.49	0.25	350.07	ppb
Cadmium	108-1	0.38	0.13	0.43	0.31	51.03	ppb
Calcium	43-1	775.24	747.84	829.08	784.05	5.27	ppb
Calcium	44-1	799.46	739.17	855.04	797.89	7.26	ppb
Chromium	52-2	147.12	143.42	144.41	144.98	1.32	ppb
Cobalt	59-2	17.37	17.28	17.30	17.32	0.26	ppb
Copper	63-2	22.03	22.44	22.74	22.40	1.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	22810.55	22491.99	22812.29	22704.94	0.81	ppb
Iron	57-2	22469.87	22542.30	22478.53	22496.90	0.18	ppb
Krypton	83-1	175.70	645.08	-426.98	131.27	409.41	ppb
Lead	206-1	10.45	9.40	11.59	10.48	10.47	ppb
Lead	207-1	9.22	8.36	10.28	9.29	10.37	ppb
Lead	208-1	9.90	9.02	10.85	9.92	9.26	ppb
Lithium	6-1				104		%
Magnesium	24-2	4051.61	4001.99	3985.57	4013.06	0.86	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20DUP Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:44:35 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	219.18	215.81	217.38	217.45	0.77	ppb
Molybdenum	94-1	7.93	7.20	8.64	7.92	9.09	ppb
Molybdenum	95-1	0.24	0.26	0.21	0.24	10.13	ppb
Molybdenum	96-1	1.25	1.09	1.29	1.21	8.40	ppb
Molybdenum	97-1	0.21	0.17	0.18	0.19	10.30	ppb
Molybdenum	98-1	0.31	0.22	0.28	0.27	15.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	112.42	111.11	110.72	111.42	0.80	ppb
Phosphorus	31-2	389.63	384.94	372.43	382.33	2.33	ppb
Potassium	39-2	987.85	969.70	982.74	980.10	0.96	ppb
Rhodium	103-1				104		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	51.76	51.54	52.34	51.88	0.79	ppb
Selenium	78-2	8.03	3.76	4.91	5.57	39.71	ppb
Selenium	82-1	0.42	0.56	0.39	0.46	19.68	ppb
Silicon	28-1	559.17	509.57	606.91	558.55	8.71	ppb
Silver	109-1	0.36	0.29	0.28	0.31	13.70	ppb
Silver	107-1	0.32	0.27	0.24	0.28	16.13	ppb
Sodium	23-2	326.00	303.62	307.51	312.38	3.83	ppb
Strontium	86-1	5.94	5.13	6.28	5.78	10.18	ppb
Strontium	88-1	5.88	5.34	6.23	5.82	7.69	ppb
Sulfur	34-1	-1028.05	-1926.20	-479.67	-1144.64		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	0.04	0.03	0.05	0.04	23.26	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	14.22	ppb
Tin	118-1	0.23	0.20	0.22	0.22	7.25	ppb
Titanium	47-1	154.62	142.92	166.89	154.81	7.75	ppb
Uranium	238-1	0.55	0.48	0.63	0.55	13.89	ppb
Vanadium	51-2	21.00	20.94	20.61	20.85	1.02	ppb
Yttrium	89-1				106		%
Yttrium	89-2				106		%
Zinc	66-2	43.09	41.94	40.22	41.75	3.46	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:44:35	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.10	4.75	5.51	5.12	7.42	ppb
Zirconium	91-1	5.00	4.86	5.38	5.08	5.23	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02LDLX25 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20LDL Dilution Factor : 25
 Date & Time Acquired :: 2018-10-27 20:47:56 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1101.58	1134.81	1044.89	1093.76	4.16	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	265.06	ppb
Arsenic	75-2	0.62	0.67	0.56	0.62	8.56	ppb
Barium	135-1	5.24	5.04	5.23	5.17	2.24	ppb
Barium	137-1	5.35	5.23	5.09	5.22	2.46	ppb
Beryllium	9-1	0.02	-0.03	-0.01	-0.01		ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	5.28	5.73	5.21	5.41	5.22	ppb
Boron	11-1	5.00	4.75	5.07	4.94	3.40	ppb
Cadmium	111-1	0.04	-0.05	-0.04	-0.02		ppb
Cadmium	106-1	1.33	-0.23	-0.11	0.33	264.79	ppb
Cadmium	108-1	0.12	0.03	-0.04	0.04	229.33	ppb
Calcium	43-1	169.07	154.48	152.05	158.53	5.81	ppb
Calcium	44-1	153.21	158.91	159.48	157.20	2.21	ppb
Chromium	52-2	31.78	31.23	30.91	31.31	1.41	ppb
Cobalt	59-2	3.67	3.70	3.61	3.66	1.35	ppb
Copper	63-2	4.76	4.57	4.45	4.59	3.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				103		%
Iron	56-2	4793.81	4749.39	4681.79	4741.66	1.19	ppb
Iron	57-2	4707.18	4646.69	4549.80	4634.56	1.71	ppb
Krypton	83-1	817.43	424.00	633.71	625.05	31.49	ppb
Lead	206-1	1.91	1.93	1.93	1.92	0.54	ppb
Lead	207-1	1.78	1.82	1.74	1.78	2.20	ppb
Lead	208-1	1.88	1.89	1.86	1.88	0.83	ppb
Lithium	6-1				105		%
Magnesium	24-2	804.42	824.35	814.76	814.51	1.22	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-27 20:47:56	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	45.29	43.67	42.98	43.98	2.70	ppb
Molybdenum	94-1	1.48	1.62	1.59	1.56	4.63	ppb
Molybdenum	95-1	0.00	0.01	-0.02	0.00		ppb
Molybdenum	96-1	0.14	0.18	0.19	0.17	15.31	ppb
Molybdenum	97-1	-0.01	-0.04	-0.03	-0.03		ppb
Molybdenum	98-1	0.00	0.01	-0.02	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	23.82	23.02	23.47	23.44	1.72	ppb
Phosphorus	31-2	106.60	93.16	53.07	84.28	33.05	ppb
Potassium	39-2	224.48	222.30	210.36	219.04	3.47	ppb
Rhodium	103-1				104		%
Rhodium	103-2				102		%
Scandium	45-1				104		%
Scandium	45-2				100		%
Selenium	77-2	7.52	14.07	7.54	9.71	38.89	ppb
Selenium	78-2	-0.98	-0.97	0.12	-0.61		ppb
Selenium	82-1	0.58	-0.64	0.32	0.09	752.42	ppb
Silicon	28-1	146.06	134.54	132.21	137.60	5.39	ppb
Silver	109-1	0.08	0.07	0.02	0.06	59.54	ppb
Silver	107-1	0.09	0.08	0.05	0.07	27.77	ppb
Sodium	23-2	64.51	66.69	66.57	65.92	1.86	ppb
Strontium	86-1	1.09	1.13	1.14	1.12	2.37	ppb
Strontium	88-1	1.17	1.17	1.18	1.17	0.56	ppb
Sulfur	34-1	-1244.56	-1517.93	-1425.84	-1396.11		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	-0.02	-0.01	0.00	-0.01		ppb
Thallium	205-1	-0.02	-0.04	-0.02	-0.03		ppb
Tin	118-1	0.05	0.07	0.04	0.05	24.80	ppb
Titanium	47-1	31.04	31.10	31.67	31.27	1.11	ppb
Uranium	238-1	0.03	0.02	0.02	0.02	12.69	ppb
Vanadium	51-2	4.09	4.31	4.14	4.18	2.83	ppb
Yttrium	89-1				104		%
Yttrium	89-2				103		%
Zinc	66-2	8.01	9.38	8.16	8.52	8.81	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-27 20:47:56	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.10	0.99	1.03	1.04	5.47	ppb
Zirconium	91-1	0.97	1.00	1.12	1.03	7.90	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:51:18 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7503.81	7460.11	7577.84	7513.92	0.79	ppb
Antimony	121-1	50.42	50.57	51.83	50.94	1.52	ppb
Arsenic	75-2	93.48	92.91	94.23	93.54	0.71	ppb
Barium	135-1	505.37	512.25	526.42	514.68	2.09	ppb
Barium	137-1	513.41	511.51	523.19	516.04	1.21	ppb
Beryllium	9-1	96.91	96.34	97.08	96.78	0.40	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	98.26	93.79	99.64	97.23	3.15	ppb
Boron	11-1	93.76	96.24	100.26	96.76	3.39	ppb
Cadmium	111-1	95.61	95.99	98.94	96.85	1.89	ppb
Cadmium	106-1	100.15	99.55	102.92	100.87	1.78	ppb
Cadmium	108-1	100.21	101.25	104.63	102.03	2.27	ppb
Calcium	43-1	10006.84	9882.20	10102.77	9997.27	1.11	ppb
Calcium	44-1	9978.66	9877.80	10025.33	9960.60	0.76	ppb
Chromium	52-2	114.62	113.06	114.56	114.08	0.77	ppb
Cobalt	59-2	107.09	102.85	105.34	105.09	2.03	ppb
Copper	63-2	214.94	209.35	210.47	211.59	1.40	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				103		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				101		%
Iron	56-2	17456.76	17017.52	17208.98	17227.76	1.28	ppb
Iron	57-2	17214.76	16892.08	17141.60	17082.81	0.99	ppb
Krypton	83-1	528.05	719.99	374.35	540.80	32.02	ppb
Lead	206-1	104.56	105.13	107.37	105.69	1.41	ppb
Lead	207-1	98.99	99.72	102.48	100.40	1.83	ppb
Lead	208-1	102.47	103.11	104.66	103.41	1.09	ppb
Lithium	6-1				104		%
Magnesium	24-2	13667.16	13480.54	13665.06	13604.25	0.79	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:51:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	459.75	449.84	458.33	455.98	1.18	ppb
Molybdenum	94-1	463.93	462.91	478.14	468.32	1.82	ppb
Molybdenum	95-1	449.84	446.73	461.02	452.53	1.66	ppb
Molybdenum	96-1	446.67	456.73	461.82	455.07	1.69	ppb
Molybdenum	97-1	432.74	440.08	452.09	441.64	2.21	ppb
Molybdenum	98-1	446.13	451.57	458.93	452.21	1.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	142.22	141.33	139.39	140.98	1.03	ppb
Phosphorus	31-2	209.66	204.67	334.73	249.69	29.51	ppb
Potassium	39-2	5975.53	5848.82	5902.64	5909.00	1.08	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				103		%
Scandium	45-2				101		%
Selenium	77-2	112.31	91.66	85.40	96.46	14.60	ppb
Selenium	78-2	92.07	101.89	88.57	94.18	7.33	ppb
Selenium	82-1	87.01	86.91	90.00	87.97	2.00	ppb
Silicon	28-1	331.71	340.84	341.21	337.92	1.59	ppb
Silver	109-1	94.17	93.79	95.59	94.51	1.01	ppb
Silver	107-1	93.40	92.87	96.61	94.29	2.15	ppb
Sodium	23-2	10322.00	10063.44	10171.19	10185.54	1.28	ppb
Strontium	86-1	97.27	99.02	99.93	98.74	1.37	ppb
Strontium	88-1	101.93	101.63	102.49	102.02	0.43	ppb
Sulfur	34-1	-1026.04	-1244.94	-1253.64	-1174.87		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	95.45	94.74	96.58	95.59	0.97	ppb
Thallium	205-1	96.60	95.83	97.92	96.78	1.10	ppb
Tin	118-1	84.22	84.18	86.69	85.03	1.69	ppb
Titanium	47-1	608.76	610.39	616.96	612.04	0.71	ppb
Uranium	238-1	98.01	97.47	98.84	98.11	0.70	ppb
Vanadium	51-2	112.39	110.50	111.97	111.62	0.89	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	239.14	235.61	233.94	236.23	1.12	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:51:18	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	98.56	98.14	101.68	99.46	1.95	ppb
Zirconium	91-1	97.25	96.66	99.66	97.86	1.63	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:54:37 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8356.50	8467.36	8415.59	8413.15	0.66	ppb
Antimony	121-1	56.60	56.91	56.75	56.75	0.27	ppb
Arsenic	75-2	100.80	101.85	99.88	100.84	0.98	ppb
Barium	135-1	553.74	554.50	552.66	553.63	0.17	ppb
Barium	137-1	561.39	564.72	555.27	560.46	0.86	ppb
Beryllium	9-1	105.04	106.56	107.00	106.20	0.97	ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	102.21	108.71	112.48	107.80	4.82	ppb
Boron	11-1	105.74	111.11	113.14	110.00	3.48	ppb
Cadmium	111-1	107.06	108.56	107.06	107.56	0.81	ppb
Cadmium	106-1	105.38	112.51	109.15	109.01	3.27	ppb
Cadmium	108-1	106.65	107.44	109.56	107.88	1.39	ppb
Calcium	43-1	10697.22	10738.19	10812.45	10749.28	0.54	ppb
Calcium	44-1	10823.15	10841.67	10845.89	10836.90	0.11	ppb
Chromium	52-2	131.55	132.40	133.29	132.41	0.66	ppb
Cobalt	59-2	117.63	118.01	118.48	118.04	0.36	ppb
Copper	63-2	232.83	234.69	232.60	233.37	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				105		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				100		%
Iron	56-2	19843.05	19856.91	19884.34	19861.43	0.11	ppb
Iron	57-2	19595.20	19733.53	19723.07	19683.93	0.39	ppb
Krypton	83-1	567.12	-287.17	1006.67	428.87	153.40	ppb
Lead	206-1	115.31	115.00	116.36	115.56	0.62	ppb
Lead	207-1	109.52	109.53	109.21	109.42	0.17	ppb
Lead	208-1	112.96	112.86	113.62	113.15	0.36	ppb
Lithium	6-1				104		%
Magnesium	24-2	15259.70	15494.35	15320.70	15358.25	0.79	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:54:37	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	436.48	436.33	436.74	436.52	0.05	ppb
Molybdenum	94-1	515.17	515.95	506.32	512.48	1.04	ppb
Molybdenum	95-1	496.90	494.57	486.87	492.78	1.06	ppb
Molybdenum	96-1	503.56	499.18	495.16	499.30	0.84	ppb
Molybdenum	97-1	484.14	481.36	478.67	481.39	0.57	ppb
Molybdenum	98-1	494.62	495.73	485.69	492.01	1.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	162.05	164.90	164.20	163.72	0.91	ppb
Phosphorus	31-2	236.72	251.76	159.79	216.09	22.83	ppb
Potassium	39-2	6467.77	6565.63	6515.04	6516.15	0.75	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				105		%
Scandium	45-2				99		%
Selenium	77-2	102.53	145.62	124.47	124.21	17.35	ppb
Selenium	78-2	95.93	111.13	118.55	108.53	10.62	ppb
Selenium	82-1	97.06	96.01	95.73	96.27	0.73	ppb
Silicon	28-1	962.89	967.11	969.70	966.57	0.36	ppb
Silver	109-1	105.05	104.95	103.55	104.52	0.80	ppb
Silver	107-1	102.41	102.82	101.31	102.18	0.76	ppb
Sodium	23-2	11483.16	11570.44	11598.07	11550.55	0.52	ppb
Strontium	86-1	108.76	108.05	106.66	107.82	0.99	ppb
Strontium	88-1	111.07	110.63	110.11	110.60	0.43	ppb
Sulfur	34-1	-1580.08	-1471.53	-1714.32	-1588.64		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	106.40	102.86	103.93	104.40	1.74	ppb
Thallium	205-1	105.09	104.78	105.30	105.06	0.25	ppb
Tin	118-1	90.17	90.04	90.36	90.19	0.18	ppb
Titanium	47-1	666.32	664.81	672.76	667.96	0.63	ppb
Uranium	238-1	105.78	106.31	107.83	106.64	1.00	ppb
Vanadium	51-2	125.38	126.60	125.94	125.97	0.49	ppb
Yttrium	89-1				105		%
Yttrium	89-2				103		%
Zinc	66-2	262.07	267.46	262.67	264.07	1.12	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:54:37	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	109.21	109.64	108.78	109.21	0.39	ppb
Zirconium	91-1	107.58	107.79	107.56	107.64	0.12	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7967.67	7829.82	7918.71	7905.40	0.88	ppb
Antimony	121-1	53.67	54.57	52.94	53.72	1.52	ppb
Arsenic	75-2	95.27	97.31	97.64	96.74	1.33	ppb
Barium	135-1	529.09	534.02	522.13	528.41	1.13	ppb
Barium	137-1	530.95	534.86	526.26	530.69	0.81	ppb
Beryllium	9-1	102.71	102.08	104.36	103.05	1.14	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	103.24	102.26	108.53	104.68	3.22	ppb
Boron	11-1	105.89	110.26	111.38	109.18	2.65	ppb
Cadmium	111-1	102.03	102.39	100.28	101.57	1.11	ppb
Cadmium	106-1	100.84	101.27	99.65	100.59	0.84	ppb
Cadmium	108-1	103.09	103.87	106.72	104.56	1.83	ppb
Calcium	43-1	10377.77	10445.16	10421.13	10414.69	0.33	ppb
Calcium	44-1	10422.36	10481.48	10592.98	10498.94	0.83	ppb
Chromium	52-2	122.86	120.52	123.46	122.28	1.27	ppb
Cobalt	59-2	111.61	109.85	112.19	111.22	1.09	ppb
Copper	63-2	221.90	217.44	221.92	220.42	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				100		%
Iron	56-2	18497.71	18295.09	18451.55	18414.78	0.58	ppb
Iron	57-2	18356.15	18012.06	18252.97	18207.06	0.97	ppb
Krypton	83-1	820.34	117.90	-14.27	307.99	145.65	ppb
Lead	206-1	110.20	110.60	109.15	109.98	0.68	ppb
Lead	207-1	105.44	104.63	102.56	104.21	1.43	ppb
Lead	208-1	108.54	108.31	106.97	107.94	0.79	ppb
Lithium	6-1				102		%
Magnesium	24-2	14357.42	14214.01	14379.83	14317.09	0.63	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	444.53	437.55	441.64	441.24	0.79	ppb
Molybdenum	94-1	499.98	498.17	491.80	496.65	0.87	ppb
Molybdenum	95-1	475.23	477.58	476.44	476.42	0.25	ppb
Molybdenum	96-1	480.00	480.87	476.91	479.26	0.43	ppb
Molybdenum	97-1	458.37	468.94	462.17	463.16	1.16	ppb
Molybdenum	98-1	467.92	482.84	469.72	473.49	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	152.27	152.22	151.55	152.01	0.27	ppb
Phosphorus	31-2	132.49	233.16	264.84	210.16	32.88	ppb
Potassium	39-2	6253.58	6016.25	6255.42	6175.09	2.23	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	79.26	129.46	114.10	107.61	23.90	ppb
Selenium	78-2	100.97	99.78	79.08	93.28	13.19	ppb
Selenium	82-1	93.04	94.11	90.30	92.48	2.13	ppb
Silicon	28-1	654.84	688.93	652.61	665.46	3.06	ppb
Silver	109-1	99.01	100.11	97.58	98.90	1.28	ppb
Silver	107-1	97.51	97.98	95.43	96.97	1.40	ppb
Sodium	23-2	10883.88	10709.70	10802.71	10798.76	0.81	ppb
Strontium	86-1	104.13	103.81	103.77	103.90	0.19	ppb
Strontium	88-1	107.60	108.61	106.04	107.42	1.20	ppb
Sulfur	34-1	-1411.60	-1522.97	-1524.00	-1486.19		ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	100.95	100.51	99.75	100.40	0.61	ppb
Thallium	205-1	100.87	100.85	99.57	100.43	0.74	ppb
Tin	118-1	86.68	88.26	86.73	87.23	1.03	ppb
Titanium	47-1	644.11	647.76	647.85	646.57	0.33	ppb
Uranium	238-1	102.39	101.17	101.68	101.75	0.60	ppb
Vanadium	51-2	118.56	115.97	118.84	117.79	1.34	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%
Zinc	66-2	248.35	242.29	248.42	246.35	1.43	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	105.01	106.34	104.71	105.35	0.82	ppb
Zirconium	91-1	103.59	104.00	104.09	103.89	0.26	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-04DLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-19DL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 21:01:15 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3452.81	3624.41	3620.85	3566.02	2.75	ppb
Antimony	121-1	0.03	0.02	0.02	0.02	36.04	ppb
Arsenic	75-2	3.33	3.50	3.23	3.35	4.03	ppb
Barium	135-1	26.63	26.79	22.26	25.23	10.19	ppb
Barium	137-1	26.23	26.51	22.86	25.20	8.07	ppb
Beryllium	9-1	0.11	0.24	0.13	0.16	43.25	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	11.23	11.08	8.89	10.40	12.62	ppb
Boron	11-1	11.64	10.97	9.09	10.57	12.50	ppb
Cadmium	111-1	0.04	0.10	0.07	0.07	40.36	ppb
Cadmium	106-1	0.08	0.73	0.95	0.59	76.59	ppb
Cadmium	108-1	0.28	0.19	0.20	0.23	22.48	ppb
Calcium	43-1	1106.22	1095.87	932.69	1044.93	9.32	ppb
Calcium	44-1	1082.72	1102.03	912.84	1032.53	10.08	ppb
Chromium	52-2	14.06	14.20	14.06	14.10	0.60	ppb
Cobalt	59-2	6.49	6.76	6.81	6.69	2.59	ppb
Copper	63-2	13.96	14.61	14.38	14.32	2.30	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				104		%
Indium	115-1				108		%
Indium	115-2				104		%
Iron	56-2	11413.30	11878.92	11790.53	11694.25	2.11	ppb
Iron	57-2	11384.27	11757.59	11743.15	11628.34	1.82	ppb
Krypton	83-1	-102.83	127.13	945.39	323.23	170.45	ppb
Lead	206-1	47.11	47.23	39.98	44.77	9.27	ppb
Lead	207-1	42.98	43.90	36.47	41.11	9.85	ppb
Lead	208-1	44.79	45.66	38.25	42.90	9.45	ppb
Lithium	6-1				109		%
Magnesium	24-2	3294.09	3438.31	3361.84	3364.74	2.14	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:01:15	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	154.41	161.36	160.73	158.83	2.42	ppb
Molybdenum	94-1	5.19	5.23	4.26	4.89	11.16	ppb
Molybdenum	95-1	0.22	0.25	0.13	0.20	33.39	ppb
Molybdenum	96-1	0.76	0.88	0.67	0.77	13.62	ppb
Molybdenum	97-1	0.26	0.24	0.11	0.20	38.23	ppb
Molybdenum	98-1	0.21	0.25	0.17	0.21	18.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	44.31	45.51	44.76	44.86	1.35	ppb
Phosphorus	31-2	148.18	231.81	320.45	233.48	36.90	ppb
Potassium	39-2	645.03	725.94	667.11	679.36	6.16	ppb
Rhodium	103-1				108		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				103		%
Selenium	77-2	16.79	4.17	20.40	13.78	61.82	ppb
Selenium	78-2	1.65	3.81	2.80	2.75	39.32	ppb
Selenium	82-1	-0.06	0.69	0.59	0.41	99.60	ppb
Silicon	28-1	466.65	502.91	390.21	453.26	12.69	ppb
Silver	109-1	0.28	0.23	0.10	0.20	45.24	ppb
Silver	107-1	0.28	0.26	0.16	0.23	26.93	ppb
Sodium	23-2	62.77	67.55	57.39	62.57	8.13	ppb
Strontium	86-1	6.14	5.74	4.74	5.54	13.04	ppb
Strontium	88-1	5.91	5.88	4.94	5.57	9.91	ppb
Sulfur	34-1	-1828.23	-1456.49	-3435.58	-2240.10		ppb
Terbium	159-1				109		%
Terbium	159-2				105		%
Thallium	203-1	0.04	0.06	0.04	0.05	18.63	ppb
Thallium	205-1	0.02	0.04	0.01	0.02	68.29	ppb
Tin	118-1	0.59	0.73	0.51	0.61	18.46	ppb
Titanium	47-1	121.38	124.08	103.45	116.30	9.64	ppb
Uranium	238-1	0.36	0.38	0.33	0.36	7.90	ppb
Vanadium	51-2	13.69	13.74	13.82	13.75	0.51	ppb
Yttrium	89-1				110		%
Yttrium	89-2				105		%
Zinc	66-2	60.68	62.37	60.35	61.13	1.77	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:01:15	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.37	3.42	2.77	3.19	11.43	ppb
Zirconium	91-1	3.29	3.21	2.69	3.06	10.52	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:04:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5274.05	5192.04	5278.00	5248.03	0.92	ppb
Antimony	121-1	-0.01	-0.01	0.01	0.00		ppb
Arsenic	75-2	2.53	2.49	2.66	2.56	3.46	ppb
Barium	135-1	25.11	25.78	24.74	25.21	2.09	ppb
Barium	137-1	25.11	25.34	25.75	25.40	1.27	ppb
Beryllium	9-1	0.27	0.35	0.29	0.30	14.28	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	9.08	7.78	7.36	8.07	11.15	ppb
Boron	11-1	7.72	7.42	7.27	7.47	3.12	ppb
Cadmium	111-1	-0.02	-0.05	0.10	0.01	880.76	ppb
Cadmium	106-1	-0.08	-0.37	1.39	0.31	301.07	ppb
Cadmium	108-1	0.29	0.03	0.13	0.15	89.48	ppb
Calcium	43-1	1340.50	1374.96	1362.94	1359.47	1.29	ppb
Calcium	44-1	1343.13	1352.68	1334.18	1343.33	0.69	ppb
Chromium	52-2	20.82	20.24	20.90	20.66	1.74	ppb
Cobalt	59-2	13.07	12.98	13.29	13.11	1.23	ppb
Copper	63-2	18.60	18.32	18.82	18.58	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				102		%
Iron	56-2	16194.80	15953.54	16497.46	16215.27	1.68	ppb
Iron	57-2	16086.07	15916.98	16256.66	16086.57	1.06	ppb
Krypton	83-1	469.59	1200.63	682.51	784.24	47.94	ppb
Lead	206-1	19.08	18.80	19.21	19.03	1.09	ppb
Lead	207-1	17.51	17.55	17.49	17.52	0.18	ppb
Lead	208-1	18.40	18.36	18.32	18.36	0.21	ppb
Lithium	6-1				103		%
Magnesium	24-2	17142.33	16876.98	17329.65	17116.32	1.33	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:04:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	302.27	297.39	310.10	303.25	2.11	ppb
Molybdenum	94-1	7.11	7.46	7.76	7.44	4.39	ppb
Molybdenum	95-1	0.16	0.16	0.17	0.16	5.13	ppb
Molybdenum	96-1	1.11	1.06	0.99	1.05	6.08	ppb
Molybdenum	97-1	0.11	0.15	0.13	0.13	16.74	ppb
Molybdenum	98-1	0.17	0.14	0.14	0.15	10.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	217.70	210.15	220.53	216.13	2.48	ppb
Phosphorus	31-2	281.98	291.18	170.97	248.05	26.97	ppb
Potassium	39-2	1003.59	1007.49	991.12	1000.74	0.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				101		%
Selenium	77-2	26.31	10.48	66.48	34.43	83.86	ppb
Selenium	78-2	5.36	4.84	6.15	5.45	12.04	ppb
Selenium	82-1	0.32	1.06	0.52	0.63	60.80	ppb
Silicon	28-1	41.24	46.07	41.26	42.85	6.50	ppb
Silver	109-1	0.22	0.18	0.11	0.17	34.56	ppb
Silver	107-1	0.19	0.19	0.16	0.18	8.49	ppb
Sodium	23-2	191.86	192.64	198.38	194.30	1.83	ppb
Strontium	86-1	7.33	7.74	7.52	7.53	2.69	ppb
Strontium	88-1	7.76	7.85	7.75	7.78	0.68	ppb
Sulfur	34-1	-1994.90	-1992.49	-2173.19	-2053.52		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.06	0.06	2.77	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	38.64	ppb
Tin	118-1	0.28	0.33	0.31	0.31	8.23	ppb
Titanium	47-1	80.50	80.23	79.70	80.14	0.51	ppb
Uranium	238-1	0.29	0.31	0.32	0.31	4.47	ppb
Vanadium	51-2	14.53	14.41	14.33	14.42	0.68	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%
Zinc	66-2	45.65	47.21	50.17	47.68	4.82	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:04:36	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	5.02	4.84	4.91	4.92	1.81	ppb
Zirconium	91-1	4.78	4.88	4.98	4.88	2.06	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4463.92	4360.10	4388.36	4404.13	1.22	ppb
Antimony	121-1	0.08	0.11	0.08	0.09	22.97	ppb
Arsenic	75-2	9.58	9.98	9.08	9.54	4.74	ppb
Barium	135-1	45.79	45.92	45.38	45.70	0.61	ppb
Barium	137-1	44.71	46.54	45.24	45.49	2.08	ppb
Beryllium	9-1	0.34	0.33	0.30	0.32	6.35	ppb
Bismuth	209-1				98		%
Bismuth	209-2				102		%
Boron	10-1	5.35	5.05	5.17	5.19	2.93	ppb
Boron	11-1	5.69	5.85	5.45	5.66	3.55	ppb
Cadmium	111-1	0.15	0.09	0.10	0.11	28.54	ppb
Cadmium	106-1	0.97	-0.48	-0.19	0.10	772.03	ppb
Cadmium	108-1	0.38	0.38	0.27	0.34	17.84	ppb
Calcium	43-1	911.51	904.65	879.02	898.39	1.91	ppb
Calcium	44-1	891.21	904.82	875.10	890.38	1.67	ppb
Chromium	52-2	26.78	27.11	26.47	26.79	1.19	ppb
Cobalt	59-2	9.08	8.77	8.76	8.87	2.03	ppb
Copper	63-2	25.33	24.84	24.70	24.96	1.33	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				99		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	16216.38	16060.92	15781.74	16019.68	1.37	ppb
Iron	57-2	16133.72	15919.46	15652.50	15901.89	1.52	ppb
Krypton	83-1	336.45	19.04	-165.83	63.22	401.83	ppb
Lead	206-1	109.30	112.75	111.63	111.23	1.58	ppb
Lead	207-1	99.78	101.90	101.41	101.03	1.10	ppb
Lead	208-1	105.61	107.35	106.31	106.42	0.82	ppb
Lithium	6-1				102		%
Magnesium	24-2	2844.62	2821.93	2754.61	2807.05	1.67	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	449.70	445.06	435.08	443.28	1.69	ppb
Molybdenum	94-1	5.46	5.44	5.38	5.42	0.79	ppb
Molybdenum	95-1	0.42	0.42	0.45	0.43	3.77	ppb
Molybdenum	96-1	1.07	1.05	1.11	1.08	3.12	ppb
Molybdenum	97-1	0.37	0.53	0.44	0.45	18.28	ppb
Molybdenum	98-1	0.47	0.42	0.44	0.44	5.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	69.82	69.01	68.92	69.25	0.71	ppb
Phosphorus	31-2	244.03	215.84	175.85	211.91	16.17	ppb
Potassium	39-2	832.16	750.99	791.11	791.42	5.13	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				101		%
Scandium	45-2				103		%
Selenium	77-2	26.92	17.09	31.66	25.23	29.46	ppb
Selenium	78-2	1.19	1.71	2.57	1.82	38.45	ppb
Selenium	82-1	0.53	-0.04	-0.39	0.03	1495.64	ppb
Silicon	28-1	554.15	559.01	530.70	547.95	2.76	ppb
Silver	109-1	0.27	0.25	0.19	0.24	18.77	ppb
Silver	107-1	0.28	0.25	0.21	0.25	14.51	ppb
Sodium	23-2	124.72	117.85	114.96	119.18	4.21	ppb
Strontium	86-1	6.97	7.18	7.05	7.07	1.53	ppb
Strontium	88-1	7.20	7.44	7.13	7.26	2.28	ppb
Sulfur	34-1	-1859.81	-1809.10	-2308.41	-1992.44		ppb
Terbium	159-1				99		%
Terbium	159-2				105		%
Thallium	203-1	0.05	0.07	0.02	0.05	46.46	ppb
Thallium	205-1	0.04	0.02	0.01	0.02	75.22	ppb
Tin	118-1	0.67	0.74	0.67	0.70	6.10	ppb
Titanium	47-1	127.20	128.01	124.41	126.54	1.49	ppb
Uranium	238-1	0.54	0.61	0.56	0.57	6.32	ppb
Vanadium	51-2	18.64	18.59	18.58	18.60	0.19	ppb
Yttrium	89-1				101		%
Yttrium	89-2				106		%
Zinc	66-2	90.77	87.18	86.81	88.25	2.48	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.44	3.48	3.48	3.47	0.64	ppb
Zirconium	91-1	3.27	3.50	3.32	3.36	3.57	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3637.74	3727.23	3596.20	3653.72	1.83	ppb
Antimony	121-1	0.06	0.05	0.04	0.05	22.24	ppb
Arsenic	75-2	6.77	7.07	6.88	6.90	2.17	ppb
Barium	135-1	55.77	55.26	56.11	55.71	0.77	ppb
Barium	137-1	55.90	55.73	56.13	55.92	0.35	ppb
Beryllium	9-1	0.15	0.17	0.18	0.17	8.08	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	4.12	3.92	3.45	3.83	9.02	ppb
Boron	11-1	4.62	4.92	4.20	4.58	7.93	ppb
Cadmium	111-1	0.31	0.31	0.36	0.33	8.72	ppb
Cadmium	106-1	0.42	0.51	1.76	0.90	83.30	ppb
Cadmium	108-1	0.36	0.29	0.66	0.44	45.27	ppb
Calcium	43-1	844.84	825.54	830.87	833.75	1.20	ppb
Calcium	44-1	832.24	818.63	825.87	825.58	0.82	ppb
Chromium	52-2	32.71	34.01	33.57	33.43	1.98	ppb
Cobalt	59-2	7.25	7.17	7.11	7.18	1.00	ppb
Copper	63-2	20.59	20.87	20.40	20.62	1.14	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				103		%
Indium	115-2				103		%
Iron	56-2	17278.29	17641.89	17272.38	17397.52	1.22	ppb
Iron	57-2	16988.51	17315.34	17148.07	17150.64	0.95	ppb
Krypton	83-1	929.72	478.96	960.52	789.73	34.14	ppb
Lead	206-1	296.30	302.90	301.56	300.25	1.16	ppb
Lead	207-1	278.34	280.89	281.45	280.23	0.59	ppb
Lead	208-1	293.13	296.50	295.71	295.11	0.60	ppb
Lithium	6-1				103		%
Magnesium	24-2	2367.97	2392.39	2374.36	2378.24	0.53	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	283.41	286.81	284.19	284.80	0.63	ppb
Molybdenum	94-1	4.55	4.86	4.67	4.69	3.41	ppb
Molybdenum	95-1	0.23	0.19	0.24	0.22	12.35	ppb
Molybdenum	96-1	0.83	0.81	0.86	0.83	3.33	ppb
Molybdenum	97-1	0.14	0.20	0.20	0.18	18.58	ppb
Molybdenum	98-1	0.20	0.23	0.21	0.21	7.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.39	56.51	53.84	55.25	2.43	ppb
Phosphorus	31-2	213.29	318.60	302.28	278.06	20.38	ppb
Potassium	39-2	624.92	635.65	622.24	627.60	1.13	ppb
Rhodium	103-1				102		%
Rhodium	103-2				101		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	10.52	20.13	42.98	24.54	67.95	ppb
Selenium	78-2	2.20	0.08	0.10	0.79	154.10	ppb
Selenium	82-1	0.32	0.49	0.76	0.52	42.56	ppb
Silicon	28-1	73.37	77.82	72.30	74.50	3.93	ppb
Silver	109-1	0.22	0.17	0.13	0.17	26.57	ppb
Silver	107-1	0.24	0.17	0.15	0.19	27.05	ppb
Sodium	23-2	78.89	86.93	89.83	85.22	6.65	ppb
Strontium	86-1	7.88	7.92	7.64	7.82	1.91	ppb
Strontium	88-1	7.86	7.92	7.98	7.92	0.77	ppb
Sulfur	34-1	-2251.21	-2379.96	-2189.19	-2273.45		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	0.00	0.03	0.04	0.02	73.74	ppb
Thallium	205-1	-0.01	-0.02	0.00	-0.01		ppb
Tin	118-1	0.64	0.65	0.70	0.66	5.26	ppb
Titanium	47-1	83.86	82.27	82.79	82.98	0.98	ppb
Uranium	238-1	0.41	0.43	0.41	0.42	2.74	ppb
Vanadium	51-2	15.02	15.14	15.56	15.24	1.85	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%
Zinc	66-2	199.85	205.68	203.51	203.01	1.45	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	3.06	3.14	3.12	3.11	1.31	ppb
Zirconium	91-1	2.92	3.12	3.05	3.03	3.26	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49105.11	53359.38	52565.40	51676.63	4.38	ppb
Antimony	121-1	507.39	492.52	493.20	497.70	1.69	ppb
Arsenic	75-2	476.23	537.08	523.15	512.15	6.22	ppb
Barium	135-1	2548.95	2469.76	2462.26	2493.66	1.93	ppb
Barium	137-1	2513.65	2457.73	2449.97	2473.78	1.40	ppb
Beryllium	9-1	508.60	507.35	504.84	506.93	0.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				95		%
Boron	10-1	488.14	514.40	533.45	511.99	4.44	ppb
Boron	11-1	484.99	507.42	523.86	505.42	3.86	ppb
Cadmium	111-1	479.75	473.07	472.59	475.14	0.84	ppb
Cadmium	106-1	491.76	485.63	481.45	486.28	1.07	ppb
Cadmium	108-1	485.96	487.63	484.93	486.18	0.28	ppb
Calcium	43-1	233803.74	231508.46	229523.29	231611.83	0.92	ppb
Calcium	44-1	233374.09	233026.36	229918.47	232106.31	0.82	ppb
Chromium	52-2	506.26	550.35	544.09	533.57	4.47	ppb
Cobalt	59-2	483.68	519.99	522.89	508.85	4.29	ppb
Copper	63-2	961.63	1031.74	1028.83	1007.40	3.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				99		%
Iron	56-2	122257.11	132335.50	132271.08	128954.57	4.50	ppb
Iron	57-2	125282.27	134280.80	132603.71	130722.26	3.66	ppb
Krypton	83-1	714.50	1022.06	863.93	866.83	17.74	ppb
Lead	206-1	508.30	503.07	502.03	504.46	0.67	ppb
Lead	207-1	503.86	501.45	511.41	505.57	1.03	ppb
Lead	208-1	505.43	502.43	507.28	505.05	0.48	ppb
Lithium	6-1				103		%
Magnesium	24-2	245262.29	263303.90	261458.30	256674.83	3.87	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	989.48	1065.85	1057.32	1037.55	4.03	ppb
Molybdenum	94-1	2509.52	2439.20	2448.48	2465.73	1.55	ppb
Molybdenum	95-1	2496.39	2459.46	2442.65	2466.17	1.11	ppb
Molybdenum	96-1	2483.49	2443.19	2436.11	2454.26	1.04	ppb
Molybdenum	97-1	2498.65	2443.24	2456.57	2466.15	1.17	ppb
Molybdenum	98-1	2513.32	2460.01	2456.90	2476.74	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	493.09	530.63	529.73	517.81	4.14	ppb
Phosphorus	31-2	9753.83	10645.10	10403.59	10267.51	4.49	ppb
Potassium	39-2	125723.41	134156.76	132976.39	130952.19	3.49	ppb
Rhodium	103-1				101		%
Rhodium	103-2				96		%
Scandium	45-1				107		%
Scandium	45-2				102		%
Selenium	77-2	512.30	555.71	573.10	547.04	5.72	ppb
Selenium	78-2	476.92	537.75	534.25	516.31	6.61	ppb
Selenium	82-1	489.38	482.48	482.96	484.94	0.79	ppb
Silicon	28-1	504.56	512.89	517.77	511.74	1.31	ppb
Silver	109-1	497.29	481.22	477.22	485.24	2.19	ppb
Silver	107-1	490.06	484.82	478.30	484.39	1.22	ppb
Sodium	23-2	246265.72	261850.27	261174.10	256430.03	3.44	ppb
Strontium	86-1	491.67	485.49	483.49	486.89	0.88	ppb
Strontium	88-1	494.54	487.40	492.01	491.32	0.74	ppb
Sulfur	34-1	9301.59	9063.73	8757.80	9041.04	3.02	ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	507.14	507.82	505.44	506.80	0.24	ppb
Thallium	205-1	504.03	502.40	498.19	501.54	0.60	ppb
Tin	118-1	501.78	498.91	494.09	498.26	0.78	ppb
Titanium	47-1	2499.21	2460.28	2474.45	2477.98	0.80	ppb
Uranium	238-1	511.93	508.42	499.38	506.58	1.28	ppb
Vanadium	51-2	494.16	531.13	527.95	517.74	3.96	ppb
Yttrium	89-1				106		%
Yttrium	89-2				102		%
Zinc	66-2	967.98	1042.92	1035.24	1015.38	4.06	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.46	498.44	501.45	499.45	0.35	ppb
Zirconium	91-1	496.76	490.68	495.09	494.18	0.64	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 21:17:49 DataFile Name : 055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.68	0.10	0.19	0.66	135.77	ppb
Antimony	121-1	0.07	0.07	0.09	0.08	16.10	ppb
Arsenic	75-2	-0.10	-0.06	-0.01	-0.05		ppb
Barium	135-1	-0.12	-0.08	-0.10	-0.10		ppb
Barium	137-1	-0.08	-0.09	-0.09	-0.09		ppb
Beryllium	9-1	-0.10	-0.04	-0.10	-0.08		ppb
Bismuth	209-1				112		%
Bismuth	209-2				104		%
Boron	10-1	15.87	16.75	13.99	15.54	9.07	ppb
Boron	11-1	17.21	15.83	13.93	15.65	10.50	ppb
Cadmium	111-1	-0.04	-0.09	-0.08	-0.07		ppb
Cadmium	106-1	-0.01	-0.60	-0.46	-0.36		ppb
Cadmium	108-1	-0.14	-0.11	-0.08	-0.11		ppb
Calcium	43-1	-0.27	0.58	-2.43	-0.71		ppb
Calcium	44-1	-4.85	-6.63	-4.07	-5.18		ppb
Chromium	52-2	-0.08	-0.11	-0.11	-0.10		ppb
Cobalt	59-2	-0.12	-0.13	-0.12	-0.12		ppb
Copper	63-2	-0.16	-0.13	-0.16	-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				111		%
Holmium	165-2				104		%
Indium	115-1				111		%
Indium	115-2				105		%
Iron	56-2	1.31	1.42	1.15	1.30	10.72	ppb
Iron	57-2	2.06	1.15	-0.86	0.78	190.89	ppb
Krypton	83-1	1331.51	740.05	924.10	998.55	30.31	ppb
Lead	206-1	0.00	-0.01	0.00	0.00		ppb
Lead	207-1	0.00	-0.02	-0.01	-0.01		ppb
Lead	208-1	0.00	-0.02	0.00	-0.01		ppb
Lithium	6-1				109		%
Magnesium	24-2	2.95	4.56	3.02	3.51	25.87	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:17:49	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.04	0.01	-0.02		ppb
Molybdenum	94-1	0.10	0.08	0.03	0.07	53.30	ppb
Molybdenum	95-1	0.27	0.16	0.16	0.20	30.80	ppb
Molybdenum	96-1	0.18	0.19	0.12	0.16	23.46	ppb
Molybdenum	97-1	0.18	0.14	0.16	0.16	11.39	ppb
Molybdenum	98-1	0.24	0.16	0.13	0.18	30.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.11	-0.10	-0.12		ppb
Phosphorus	31-2	1.57	2.68	-10.80	-2.18		ppb
Potassium	39-2	27.55	37.18	38.62	34.45	17.47	ppb
Rhodium	103-1				111		%
Rhodium	103-2				103		%
Scandium	45-1				109		%
Scandium	45-2				101		%
Selenium	77-2	0.91	-2.22	-2.22	-1.17		ppb
Selenium	78-2	-1.01	-0.89	-2.06	-1.32		ppb
Selenium	82-1	0.44	0.05	0.80	0.43	86.25	ppb
Silicon	28-1	-8.99	-9.77	-8.92	-9.23		ppb
Silver	109-1	0.12	0.07	0.00	0.06	97.51	ppb
Silver	107-1	0.18	0.07	-0.01	0.08	111.46	ppb
Sodium	23-2	25.35	34.84	23.59	27.93	21.66	ppb
Strontium	86-1	0.03	-0.01	0.00	0.00	592.96	ppb
Strontium	88-1	0.01	0.00	0.01	0.01	40.48	ppb
Sulfur	34-1	-1842.20	-1578.66	-1580.88	-1667.25		ppb
Terbium	159-1				111		%
Terbium	159-2				105		%
Thallium	203-1	0.09	0.08	0.10	0.09	12.57	ppb
Thallium	205-1	0.07	0.06	0.04	0.06	25.20	ppb
Tin	118-1	0.03	0.01	0.00	0.01	130.71	ppb
Titanium	47-1	0.04	0.04	0.01	0.03	59.67	ppb
Uranium	238-1	-0.09	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.05	-0.07	-0.07	-0.06		ppb
Yttrium	89-1				109		%
Yttrium	89-2				103		%
Zinc	66-2	0.21	0.00	-0.02	0.07	195.17	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:17:49	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.01	0.02	0.01	0.01	54.73	ppb
Zirconium	91-1	-0.01	0.01	0.02	0.00	420.68	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3569.56	3900.12	3783.07	3750.92	4.47	ppb
Antimony	121-1	0.10	0.08	0.08	0.09	9.79	ppb
Arsenic	75-2	4.62	5.38	4.59	4.87	9.22	ppb
Barium	135-1	23.26	23.29	22.30	22.95	2.45	ppb
Barium	137-1	23.64	23.70	22.47	23.27	2.98	ppb
Beryllium	9-1	0.21	0.16	0.17	0.18	13.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	9.24	9.67	9.50	9.47	2.31	ppb
Boron	11-1	9.56	8.98	9.40	9.31	3.21	ppb
Cadmium	111-1	0.09	-0.03	-0.02	0.01	466.26	ppb
Cadmium	106-1	0.79	-0.50	-0.28	0.00	54135.85	ppb
Cadmium	108-1	0.19	0.30	0.16	0.22	32.50	ppb
Calcium	43-1	805.91	788.92	804.50	799.78	1.18	ppb
Calcium	44-1	789.11	807.68	787.57	794.79	1.41	ppb
Chromium	52-2	23.57	25.94	25.35	24.95	4.95	ppb
Cobalt	59-2	6.00	6.35	6.43	6.26	3.69	ppb
Copper	63-2	17.41	18.49	18.18	18.02	3.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				101		%
Iron	56-2	10754.40	11780.60	11420.78	11318.59	4.60	ppb
Iron	57-2	10724.20	11659.33	11393.30	11258.94	4.28	ppb
Krypton	83-1	811.18	1216.22	1503.86	1177.09	29.56	ppb
Lead	206-1	94.97	94.72	91.85	93.84	1.85	ppb
Lead	207-1	86.64	85.98	82.97	85.20	2.29	ppb
Lead	208-1	90.83	90.19	87.67	89.56	1.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	1591.50	1700.20	1746.68	1679.46	4.74	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	184.99	200.26	195.31	193.52	4.02	ppb
Molybdenum	94-1	4.16	3.89	3.84	3.96	4.27	ppb
Molybdenum	95-1	0.41	0.38	0.36	0.38	5.77	ppb
Molybdenum	96-1	0.89	0.95	0.81	0.89	8.17	ppb
Molybdenum	97-1	0.38	0.38	0.38	0.38	0.99	ppb
Molybdenum	98-1	0.43	0.41	0.41	0.42	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.86	35.34	34.09	33.77	5.22	ppb
Phosphorus	31-2	200.16	229.66	145.91	191.91	22.13	ppb
Potassium	39-2	412.33	489.90	481.99	461.41	9.25	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	16.72	7.91	17.84	14.16	38.43	ppb
Selenium	78-2	1.11	0.20	-1.50	-0.07		ppb
Selenium	82-1	0.90	1.31	1.08	1.10	19.07	ppb
Silicon	28-1	399.53	386.97	385.42	390.64	1.98	ppb
Silver	109-1	0.44	0.31	0.27	0.34	25.88	ppb
Silver	107-1	0.46	0.39	0.26	0.37	27.28	ppb
Sodium	23-2	78.64	85.48	78.70	80.94	4.86	ppb
Strontium	86-1	7.08	6.57	6.74	6.80	3.79	ppb
Strontium	88-1	7.18	7.10	6.81	7.03	2.73	ppb
Sulfur	34-1	-687.96	-954.08	-828.44	-823.50		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.07	0.06	0.02	0.05	51.87	ppb
Thallium	205-1	0.05	0.06	0.06	0.06	8.90	ppb
Tin	118-1	0.71	0.70	0.63	0.68	6.78	ppb
Titanium	47-1	100.00	96.75	96.93	97.89	1.87	ppb
Uranium	238-1	0.36	0.36	0.36	0.36	1.12	ppb
Vanadium	51-2	15.29	16.88	17.00	16.39	5.82	ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	64.49	70.73	67.49	67.57	4.61	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.47	2.59	2.41	2.49	3.74	ppb
Zirconium	91-1	2.43	2.47	2.40	2.44	1.48	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20578.77	20531.22	20426.88	20512.29	0.38	ppb
Antimony	121-1	0.02	0.04	0.05	0.03	40.17	ppb
Arsenic	75-2	7.65	7.71	7.36	7.57	2.47	ppb
Barium	135-1	91.47	98.38	100.47	96.77	4.87	ppb
Barium	137-1	92.70	98.09	99.97	96.92	3.89	ppb
Beryllium	9-1	0.88	1.01	0.93	0.94	6.82	ppb
Bismuth	209-1				102		%
Bismuth	209-2				102		%
Boron	10-1	7.36	6.07	7.53	6.99	11.41	ppb
Boron	11-1	7.24	7.54	6.64	7.14	6.44	ppb
Cadmium	111-1	0.31	0.29	0.44	0.35	23.16	ppb
Cadmium	106-1	2.14	1.20	2.99	2.11	42.43	ppb
Cadmium	108-1	1.11	1.05	0.74	0.97	20.30	ppb
Calcium	43-1	856.28	922.54	894.04	890.95	3.73	ppb
Calcium	44-1	855.56	896.78	908.34	886.90	3.13	ppb
Chromium	52-2	67.53	67.77	67.08	67.46	0.52	ppb
Cobalt	59-2	25.04	25.01	24.61	24.88	0.97	ppb
Copper	63-2	42.83	42.77	42.89	42.83	0.14	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				104		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	40897.22	40594.90	40480.46	40657.52	0.53	ppb
Iron	57-2	40656.70	40610.87	40042.28	40436.62	0.85	ppb
Krypton	83-1	609.22	-431.83	319.01	165.47	324.68	ppb
Lead	206-1	157.72	163.45	169.04	163.41	3.46	ppb
Lead	207-1	142.92	149.74	154.73	149.13	3.97	ppb
Lead	208-1	150.00	158.48	161.79	156.76	3.88	ppb
Lithium	6-1				102		%
Magnesium	24-2	5714.25	5678.49	5558.51	5650.42	1.44	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	528.77	526.46	526.04	527.09	0.28	ppb
Molybdenum	94-1	17.06	17.62	18.31	17.66	3.54	ppb
Molybdenum	95-1	0.67	0.80	0.74	0.74	8.70	ppb
Molybdenum	96-1	2.69	3.01	3.02	2.91	6.49	ppb
Molybdenum	97-1	0.64	0.61	0.72	0.66	8.26	ppb
Molybdenum	98-1	0.66	0.76	0.74	0.72	7.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	141.08	141.90	137.97	140.32	1.48	ppb
Phosphorus	31-2	455.95	418.73	704.10	526.26	29.48	ppb
Potassium	39-2	1399.94	1409.31	1414.98	1408.08	0.54	ppb
Rhodium	103-1				103		%
Rhodium	103-2				102		%
Scandium	45-1				105		%
Scandium	45-2				106		%
Selenium	77-2	47.36	22.66	28.68	32.90	39.14	ppb
Selenium	78-2	6.75	4.18	2.59	4.51	46.56	ppb
Selenium	82-1	0.66	-0.05	0.85	0.49	96.83	ppb
Silicon	28-1	83.81	89.07	96.46	89.78	7.08	ppb
Silver	109-1	0.46	0.43	0.32	0.40	18.64	ppb
Silver	107-1	0.44	0.39	0.37	0.40	8.82	ppb
Sodium	23-2	391.48	398.28	382.17	390.64	2.07	ppb
Strontium	86-1	10.07	10.00	10.66	10.24	3.52	ppb
Strontium	88-1	9.93	10.31	10.55	10.26	3.07	ppb
Sulfur	34-1	-2178.66	-1604.51	-1747.68	-1843.61		ppb
Terbium	159-1				104		%
Terbium	159-2				105		%
Thallium	203-1	0.17	0.19	0.20	0.18	9.08	ppb
Thallium	205-1	0.17	0.18	0.16	0.17	6.40	ppb
Tin	118-1	0.44	0.42	0.44	0.43	2.40	ppb
Titanium	47-1	147.19	151.30	154.20	150.90	2.33	ppb
Uranium	238-1	1.64	1.67	1.84	1.72	6.16	ppb
Vanadium	51-2	43.47	43.01	42.14	42.87	1.57	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%
Zinc	66-2	181.68	184.09	182.77	182.85	0.66	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	10.93	11.42	11.66	11.34	3.31	ppb
Zirconium	91-1	10.51	11.43	11.62	11.19	5.29	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50978.60	48975.12	50469.07	50140.93	2.08	ppb
Antimony	121-1	505.24	512.91	500.53	506.23	1.23	ppb
Arsenic	75-2	500.10	486.22	500.63	495.65	1.65	ppb
Barium	135-1	2546.45	2592.25	2526.69	2555.13	1.32	ppb
Barium	137-1	2530.56	2559.39	2509.43	2533.13	0.99	ppb
Beryllium	9-1	512.40	513.71	513.90	513.34	0.16	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	504.59	518.42	516.01	513.01	1.44	ppb
Boron	11-1	503.62	515.93	531.22	516.92	2.68	ppb
Cadmium	111-1	483.64	488.85	482.00	484.83	0.74	ppb
Cadmium	106-1	486.22	508.85	497.33	497.47	2.27	ppb
Cadmium	108-1	487.37	498.11	493.31	492.93	1.09	ppb
Calcium	43-1	236925.73	238844.89	237932.41	237901.01	0.40	ppb
Calcium	44-1	236929.59	238616.58	237292.29	237612.82	0.37	ppb
Chromium	52-2	526.87	504.59	525.51	518.99	2.41	ppb
Cobalt	59-2	504.52	483.65	499.64	495.93	2.20	ppb
Copper	63-2	993.99	949.37	983.21	975.53	2.39	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				107		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				102		%
Iron	56-2	127425.75	123555.78	126533.81	125838.45	1.61	ppb
Iron	57-2	129102.65	124831.35	127070.52	127001.51	1.68	ppb
Krypton	83-1	484.37	807.38	616.38	636.04	25.53	ppb
Lead	206-1	510.84	513.67	504.25	509.59	0.95	ppb
Lead	207-1	513.07	508.83	503.19	508.36	0.97	ppb
Lead	208-1	515.50	511.89	507.36	511.58	0.80	ppb
Lithium	6-1				102		%
Magnesium	24-2	254754.15	244699.68	254294.44	251249.42	2.26	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.87	988.54	1007.59	1007.33	1.85	ppb
Molybdenum	94-1	2479.06	2510.30	2514.12	2501.16	0.77	ppb
Molybdenum	95-1	2491.04	2525.51	2525.53	2514.02	0.79	ppb
Molybdenum	96-1	2499.68	2520.05	2543.37	2521.03	0.87	ppb
Molybdenum	97-1	2521.62	2518.49	2529.62	2523.24	0.23	ppb
Molybdenum	98-1	2485.04	2530.71	2547.57	2521.10	1.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.18	490.15	508.83	503.06	2.23	ppb
Phosphorus	31-2	9967.68	9908.35	10009.69	9961.91	0.51	ppb
Potassium	39-2	129190.98	123793.15	127575.11	126853.08	2.18	ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	490.79	498.53	496.24	495.18	0.80	ppb
Selenium	78-2	499.70	485.24	520.46	501.80	3.53	ppb
Selenium	82-1	484.55	492.43	492.57	489.85	0.94	ppb
Silicon	28-1	512.13	517.97	529.22	519.77	1.67	ppb
Silver	109-1	494.20	498.60	483.32	492.04	1.60	ppb
Silver	107-1	500.10	500.77	489.20	496.69	1.31	ppb
Sodium	23-2	255434.31	243643.67	251515.78	250197.92	2.40	ppb
Strontium	86-1	487.32	498.77	497.39	494.49	1.26	ppb
Strontium	88-1	499.66	500.99	503.00	501.22	0.33	ppb
Sulfur	34-1	9206.23	9204.44	9468.30	9292.99	1.63	ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	511.61	513.70	509.83	511.71	0.38	ppb
Thallium	205-1	508.55	509.25	502.12	506.64	0.78	ppb
Tin	118-1	507.70	510.52	504.66	507.62	0.58	ppb
Titanium	47-1	2532.43	2519.57	2513.35	2521.78	0.39	ppb
Uranium	238-1	516.13	512.81	505.35	511.43	1.08	ppb
Vanadium	51-2	512.93	492.15	506.10	503.73	2.10	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%
Zinc	66-2	1003.81	962.03	1011.16	992.33	2.67	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.81	511.95	502.83	505.53	1.10	ppb
Zirconium	91-1	495.99	509.19	499.35	501.51	1.37	ppb

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P8
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 21:31:02 DataFile Name : 059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	-0.15	1.06	0.49	123.78	ppb
Antimony	121-1	0.10	0.07	0.08	0.08	18.56	ppb
Arsenic	75-2	-0.02	-0.07	-0.05	-0.05		ppb
Barium	135-1	-0.10	-0.13	-0.13	-0.12		ppb
Barium	137-1	-0.09	-0.09	-0.10	-0.10		ppb
Beryllium	9-1	-0.07	-0.09	-0.06	-0.08		ppb
Bismuth	209-1				112		%
Bismuth	209-2				105		%
Boron	10-1	16.46	16.05	13.92	15.48	8.82	ppb
Boron	11-1	17.61	15.52	15.27	16.14	7.96	ppb
Cadmium	111-1	-0.12	0.00	-0.02	-0.05		ppb
Cadmium	106-1	-1.12	0.58	0.39	-0.05		ppb
Cadmium	108-1	-0.14	-0.17	-0.14	-0.15		ppb
Calcium	43-1	-3.10	-2.85	-2.96	-2.97		ppb
Calcium	44-1	-3.22	-7.48	-6.75	-5.82		ppb
Chromium	52-2	0.01	-0.15	-0.13	-0.09		ppb
Cobalt	59-2	-0.14	-0.13	-0.13	-0.13		ppb
Copper	63-2	-0.08	-0.16	-0.17	-0.14		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				105		%
Indium	115-1				112		%
Indium	115-2				106		%
Iron	56-2	1.82	1.30	0.45	1.19	58.23	ppb
Iron	57-2	4.15	1.94	-0.35	1.91	117.61	ppb
Krypton	83-1	820.33	742.43	1104.74	889.17	21.45	ppb
Lead	206-1	0.02	-0.03	0.01	0.00	3197.65	ppb
Lead	207-1	-0.02	-0.01	-0.03	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				111		%
Magnesium	24-2	2.93	4.26	0.71	2.63	68.05	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:31:02	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.06	0.02	-0.01	-0.02		ppb
Molybdenum	94-1	0.15	0.16	0.13	0.15	9.57	ppb
Molybdenum	95-1	0.21	0.15	0.12	0.16	25.61	ppb
Molybdenum	96-1	0.16	0.14	0.17	0.16	9.39	ppb
Molybdenum	97-1	0.17	0.20	0.13	0.17	20.86	ppb
Molybdenum	98-1	0.18	0.13	0.16	0.15	17.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.13	-0.13	-0.13	-0.13		ppb
Phosphorus	31-2	-10.80	-10.80	-10.80	-10.80		ppb
Potassium	39-2	81.87	39.73	24.17	48.59	61.43	ppb
Rhodium	103-1				111		%
Rhodium	103-2				104		%
Scandium	45-1				110		%
Scandium	45-2				102		%
Selenium	77-2	-2.22	0.83	-2.22	-1.20		ppb
Selenium	78-2	-1.46	-1.04	-0.53	-1.01		ppb
Selenium	82-1	0.39	0.02	0.58	0.33	87.74	ppb
Silicon	28-1	-5.98	-11.09	-11.13	-9.40		ppb
Silver	109-1	0.45	0.34	0.13	0.31	52.68	ppb
Silver	107-1	0.42	0.28	0.15	0.28	47.86	ppb
Sodium	23-2	69.37	29.14	26.28	41.59	57.94	ppb
Strontium	86-1	-0.05	-0.01	-0.02	-0.02		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	92.21	ppb
Sulfur	34-1	-1818.26	-2016.53	-1846.97	-1893.92		ppb
Terbium	159-1				112		%
Terbium	159-2				106		%
Thallium	203-1	0.12	0.10	0.08	0.10	23.76	ppb
Thallium	205-1	0.08	0.06	0.06	0.07	12.15	ppb
Tin	118-1	0.03	0.04	0.01	0.03	47.03	ppb
Titanium	47-1	0.07	-0.02	-0.04	0.01	939.89	ppb
Uranium	238-1	-0.10	-0.10	-0.10	-0.10		ppb
Vanadium	51-2	-0.06	-0.06	-0.05	-0.06		ppb
Yttrium	89-1				111		%
Yttrium	89-2				104		%
Zinc	66-2	0.09	-0.09	-0.04	-0.02		ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:31:02	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	0.01	0.00	0.00	312.87	ppb
Zirconium	91-1	0.02	0.01	0.01	0.01	23.11	ppb

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	30	5	25	20	66.15	cps
Antimony	121-1	167	200	125	164	22.93	cps
Arsenic	75-2	22	15	7	15	49.99	cps
Barium	135-1	258	183	242	228	17.29	cps
Barium	137-1	367	358	275	333	15.21	cps
Beryllium	9-1	328	356	333	339	4.34	cps
Bismuth	209-1	4791142	4922736	4855745	4856541	1.35	cps
Bismuth	209-2	2050393	2050340	2074849	2058527	0.69	cps
Boron	10-1	542	392	425	453	17.40	cps
Boron	11-1	1909	2200	1909	2006	8.40	cps
Cadmium	111-1	1143	1123	952	1072	9.79	cps
Cadmium	106-1	1483	1425	1250	1386	8.76	cps
Cadmium	108-1	29	0	33	21	87.18	cps
Calcium	43-1	375	292	392	353	15.19	cps
Calcium	44-1	22753	21259	22327	22113	3.48	cps
Chromium	52-2	697	630	627	651	6.06	cps
Cobalt	59-2	323	330	340	331	2.53	cps
Copper	63-2	897	937	843	892	5.25	cps
Dysprosium	156-1	8	17	42	22	78.07	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	42	17	8	22	78.07	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	58	33	75	56	37.75	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	7528780	7637845	7652767	7606464	0.89	cps
Holmium	165-2	2495877	2575040	2581898	2550939	1.87	cps
Indium	115-1	6529715	6637938	6681451	6616368	1.18	cps
Indium	115-2	425315	429796	434188	429766	1.03	cps
Iron	56-2	1311	1361	1467	1380	5.76	cps
Iron	57-2	28	39	44	37	22.91	cps
Krypton	83-1	463	513	450	476	7.02	cps
Lead	206-1	833	750	817	800	5.51	cps
Lead	207-1	767	728	739	744	2.69	cps
Lead	208-1	3200	3217	3573	3330	6.32	cps
Lithium	6-1	1835496	1857616	1877410	1856841	1.13	cps
Magnesium	24-2	267	150	192	203	29.15	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	30	27	29	6.65	cps
Molybdenum	94-1	425	575	467	489	15.84	cps
Molybdenum	95-1	350	333	283	322	10.77	cps
Molybdenum	96-1	400	392	442	411	6.52	cps
Molybdenum	97-1	375	242	300	306	21.87	cps
Molybdenum	98-1	658	483	467	536	19.81	cps
Neodymium	150-1	0	13	20	11	91.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	143	107	120	123	15.05	cps
Phosphorus	31-2	8	17	0	8	100.02	cps
Potassium	39-2	3534	3242	3176	3317	5.75	cps
Rhodium	103-1	6398929	6566166	6588824	6517973	1.59	cps
Rhodium	103-2	2245729	2266187	2286275	2266064	0.89	cps
Scandium	45-1	4679117	4835789	4758197	4757701	1.65	cps
Scandium	45-2	47684	47065	48055	47602	1.05	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	11	2	7	7	68.65	cps
Selenium	82-1	-29	-38	14	-18	-158.89	cps
Silicon	28-1	280812	277575	273677	277355	1.29	cps
Silver	109-1	1225	1158	1142	1175	3.75	cps
Silver	107-1	1358	1200	1100	1220	10.68	cps
Sodium	23-2	12840	12039	12765	12548	3.52	cps
Strontium	86-1	558	600	758	639	16.52	cps
Strontium	88-1	100	125	125	117	12.38	cps
Sulfur	34-1	393104	395785	390620	393169	0.66	cps
Terbium	159-1	7836280	8068096	7947758	7950711	1.46	cps
Terbium	159-2	2483712	2544771	2557597	2528693	1.56	cps
Thallium	203-1	533	567	583	561	4.54	cps
Thallium	205-1	1534	1659	1567	1586	4.08	cps
Tin	118-1	325	275	350	317	12.06	cps
Titanium	47-1	100	142	142	128	18.82	cps
Uranium	238-1	1809	1900	1875	1861	2.55	cps
Vanadium	51-2	47	53	57	52	9.75	cps
Yttrium	89-1	7093152	7288931	7213404	7198496	1.37	cps
Yttrium	89-2	313483	315222	319066	315924	0.90	cps
Zinc	66-2	113	80	87	93	18.90	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:51:46	DataFile Name :	005CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	617	600	567	594	4.28	cps
Zirconium	91-1	92	100	167	119	34.42	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	215	250	198	221	12.11	cps
Antimony	121-1	16202	16795	15484	16160	4.06	cps
Arsenic	75-2	139	152	143	144	4.62	cps
Barium	135-1	16861	16803	16453	16706	1.32	cps
Barium	137-1	28348	29033	29375	28919	1.81	cps
Beryllium	9-1	2000	1833	1806	1880	5.60	cps
Bismuth	209-1	5109761	5011354	5032987	5051367	1.02	cps
Bismuth	209-2	2068044	2126354	2028839	2074412	2.37	cps
Boron	10-1	4934	4551	4659	4715	4.19	cps
Boron	11-1	22168	24088	24764	23673	5.69	cps
Cadmium	111-1	2771	2764	2918	2818	3.08	cps
Cadmium	106-1	1417	1450	1684	1517	9.58	cps
Cadmium	108-1	167	150	158	158	5.26	cps
Calcium	43-1	11472	11455	11630	11519	0.84	cps
Calcium	44-1	203717	204309	203768	203931	0.16	cps
Chromium	52-2	3007	2927	2937	2957	1.47	cps
Cobalt	59-2	2414	2440	2474	2442	1.23	cps
Copper	63-2	4921	5031	4874	4942	1.63	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	67	44	43.31	cps
Erbium	164-2	3	10	10	8	49.52	cps
Gadolinium	160-1	17	117	67	67	75.00	cps
Gadolinium	160-2	13	7	7	9	43.25	cps
Holmium	165-1	7893751	7879003	7804648	7859134	0.61	cps
Holmium	165-2	2596450	2629790	2509991	2578744	2.40	cps
Indium	115-1	6883200	6839531	6876348	6866360	0.34	cps
Indium	115-2	440830	448422	427630	438961	2.40	cps
Iron	56-2	42086	40821	41496	41468	1.53	cps
Iron	57-2	945	1056	1006	1002	5.55	cps
Krypton	83-1	487	473	443	468	4.74	cps
Lead	206-1	5451	5451	5396	5433	0.59	cps
Lead	207-1	5096	4962	5118	5059	1.66	cps
Lead	208-1	22058	21630	22281	21990	1.50	cps
Lithium	6-1	1912914	1923734	1929660	1922102	0.44	cps
Magnesium	24-2	21383	22243	21726	21784	1.99	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	330	413	420	388	12.93	cps
Molybdenum	94-1	16636	15401	15434	15824	4.45	cps
Molybdenum	95-1	18797	19014	19139	18984	0.91	cps
Molybdenum	96-1	21293	20650	20900	20948	1.55	cps
Molybdenum	97-1	11806	11605	11964	11792	1.52	cps
Molybdenum	98-1	30377	30235	30519	30377	0.47	cps
Neodymium	150-1	13	7	20	13	49.99	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	933	800	830	854	8.19	cps
Phosphorus	31-2	17	0	0	6	173.21	cps
Potassium	39-2	14683	14975	14750	14803	1.03	cps
Rhodium	103-1	6714916	6764693	6748942	6742851	0.38	cps
Rhodium	103-2	2293393	2303182	2237749	2278108	1.55	cps
Scandium	45-1	4869709	4927040	4920787	4905845	0.64	cps
Scandium	45-2	48022	49447	47938	48469	1.75	cps
Selenium	77-2	13	0	7	7	99.98	cps
Selenium	78-2	17	28	22	22	25.00	cps
Selenium	82-1	581	601	639	607	4.87	cps
Silicon	28-1	355002	408494	354548	372682	8.32	cps
Silver	109-1	9929	9604	9987	9840	2.10	cps
Silver	107-1	10129	10755	10363	10416	3.03	cps
Sodium	23-2	57643	59483	60647	59258	2.56	cps
Strontium	86-1	2984	3101	3267	3117	4.57	cps
Strontium	88-1	20499	21276	20291	20689	2.51	cps
Sulfur	34-1	401686	399007	397831	399508	0.49	cps
Terbium	159-1	8379935	8283838	8217491	8293755	0.98	cps
Terbium	159-2	2558977	2604036	2525538	2562850	1.54	cps
Thallium	203-1	6760	6302	6293	6452	4.14	cps
Thallium	205-1	15243	15460	15994	15566	2.48	cps
Tin	118-1	28882	29133	29016	29010	0.43	cps
Titanium	47-1	5593	5435	5593	5540	1.65	cps
Uranium	238-1	19032	19132	19691	19285	1.84	cps
Vanadium	51-2	3994	4111	3944	4016	2.13	cps
Yttrium	89-1	7481499	7378387	7385494	7415127	0.78	cps
Yttrium	89-2	324910	323954	315789	321551	1.56	cps
Zinc	66-2	483	543	527	518	5.98	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 17:58:30	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14099	13315	13307	13574	3.35	cps
Zirconium	91-1	2867	2884	3251	3000	7.22	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:02:41 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9526	9426	9821	9591	2.14	cps
Antimony	121-1	400408	396837	396775	398007	0.52	cps
Arsenic	75-2	6051	6346	6062	6153	2.71	cps
Barium	135-1	419229	414493	415372	416365	0.61	cps
Barium	137-1	727916	720459	726821	725065	0.56	cps
Beryllium	9-1	82570	81742	81295	81869	0.79	cps
Bismuth	209-1	4929550	4991478	5048342	4989790	1.19	cps
Bismuth	209-2	2091442	2080364	2055289	2075698	0.89	cps
Boron	10-1	8953	9087	9278	9106	1.80	cps
Boron	11-1	41753	44253	44729	43578	3.67	cps
Cadmium	111-1	95129	93821	96195	95048	1.25	cps
Cadmium	106-1	11272	10780	11055	11036	2.23	cps
Cadmium	108-1	6969	6848	6618	6812	2.61	cps
Calcium	43-1	112624	114053	113179	113285	0.64	cps
Calcium	44-1	1892547	1892604	1883429	1889527	0.28	cps
Chromium	52-2	55004	54543	54111	54553	0.82	cps
Cobalt	59-2	109154	110376	110131	109887	0.59	cps
Copper	63-2	195429	195088	193114	194544	0.64	cps
Dysprosium	156-1	42	33	0	25	88.19	cps
Dysprosium	156-2	7	0	7	4	86.60	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	42	33	58	44	28.65	cps
Gadolinium	160-2	3	7	17	9	78.08	cps
Holmium	165-1	7885593	7860198	7915121	7886971	0.35	cps
Holmium	165-2	2602933	2597573	2591871	2597459	0.21	cps
Indium	115-1	6876761	6882708	6976253	6911907	0.81	cps
Indium	115-2	438711	435790	440594	438365	0.55	cps
Iron	56-2	1970324	2009754	1964867	1981648	1.24	cps
Iron	57-2	49042	48067	48551	48553	1.00	cps
Krypton	83-1	423	430	430	428	0.90	cps
Lead	206-1	231333	234217	231572	232374	0.69	cps
Lead	207-1	209281	207120	208977	208460	0.56	cps
Lead	208-1	938964	940328	938131	939141	0.12	cps
Lithium	6-1	1887868	1902364	1904173	1898135	0.47	cps
Magnesium	24-2	211889	214916	213296	213367	0.71	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:02:41	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33758	33173	33864	33598	1.11	cps
Molybdenum	94-1	742863	745343	753347	747184	0.73	cps
Molybdenum	95-1	911260	909840	912693	911264	0.16	cps
Molybdenum	96-1	1008230	1006821	998966	1004672	0.50	cps
Molybdenum	97-1	569058	569858	566334	568417	0.32	cps
Molybdenum	98-1	1452256	1468986	1474977	1465406	0.80	cps
Neodymium	150-1	40	33	20	31	32.73	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	33223	33905	33941	33690	1.20	cps
Phosphorus	31-2	633	542	708	628	13.30	cps
Potassium	39-2	62046	61761	60221	61343	1.60	cps
Rhodium	103-1	6713529	6674442	6704215	6697395	0.30	cps
Rhodium	103-2	2256040	2283962	2264308	2268103	0.63	cps
Scandium	45-1	4926273	4941355	4950468	4939365	0.25	cps
Scandium	45-2	47480	48209	48276	47989	0.92	cps
Selenium	77-2	40	33	33	36	10.83	cps
Selenium	78-2	178	189	172	180	4.73	cps
Selenium	82-1	5925	6080	6033	6013	1.32	cps
Silicon	28-1	559652	556450	564693	560265	0.74	cps
Silver	109-1	441961	437431	442040	440477	0.60	cps
Silver	107-1	464349	469219	470496	468021	0.69	cps
Sodium	23-2	487094	483328	477050	482491	1.05	cps
Strontium	86-1	115812	115082	114065	114986	0.76	cps
Strontium	88-1	997107	998988	988506	994867	0.56	cps
Sulfur	34-1	424324	426140	430052	426839	0.69	cps
Terbium	159-1	8217459	8281963	8290097	8263173	0.48	cps
Terbium	159-2	2596773	2555432	2611612	2587939	1.12	cps
Thallium	203-1	287980	283987	284412	285460	0.77	cps
Thallium	205-1	684216	687978	681898	684697	0.45	cps
Tin	118-1	278122	277052	278294	277823	0.24	cps
Titanium	47-1	276027	275968	272228	274741	0.79	cps
Uranium	238-1	878417	878091	886354	880954	0.53	cps
Vanadium	51-2	39523	39051	38626	39067	1.15	cps
Yttrium	89-1	7375667	7362916	7409144	7382576	0.32	cps
Yttrium	89-2	322477	323912	319155	321848	0.76	cps
Zinc	66-2	19257	19471	18973	19234	1.30	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:02:41	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	621447	612382	618680	617503	0.75	cps
Zirconium	91-1	138567	137959	138885	138470	0.34	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:06:25	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23215	23034	23711	23320	1.50	cps
Antimony	121-1	1003424	1003027	1009227	1005226	0.35	cps
Arsenic	75-2	15160	15366	15577	15368	1.36	cps
Barium	135-1	1045365	1046603	1067775	1053247	1.20	cps
Barium	137-1	1826436	1846167	1859307	1843970	0.90	cps
Beryllium	9-1	205378	202904	206365	204882	0.87	cps
Bismuth	209-1	5069316	5047278	5053753	5056782	0.22	cps
Bismuth	209-2	2086322	2006280	1884753	1992451	5.09	cps
Boron	10-1	21375	21959	21509	21614	1.42	cps
Boron	11-1	103992	105889	109054	106312	2.41	cps
Cadmium	111-1	236756	236475	237038	236757	0.12	cps
Cadmium	106-1	25926	24598	25066	25197	2.67	cps
Cadmium	108-1	16640	16798	16932	16790	0.87	cps
Calcium	43-1	283434	284151	284944	284176	0.27	cps
Calcium	44-1	4616618	4576248	4628954	4607273	0.60	cps
Chromium	52-2	135387	131201	135410	133999	1.81	cps
Cobalt	59-2	271859	267930	272678	270822	0.94	cps
Copper	63-2	478453	473317	482561	478110	0.97	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	58	50	75	61	20.83	cps
Erbium	164-2	3	27	20	17	72.13	cps
Gadolinium	160-1	58	42	108	69	49.96	cps
Gadolinium	160-2	30	7	10	16	81.11	cps
Holmium	165-1	8014188	7949193	7954992	7972791	0.45	cps
Holmium	165-2	2599455	2542296	2379197	2506983	4.56	cps
Indium	115-1	6850046	6830261	6883855	6854721	0.40	cps
Indium	115-2	435100	423332	394389	417607	5.02	cps
Iron	56-2	4823405	4771244	4827279	4807309	0.65	cps
Iron	57-2	119844	117116	119675	118878	1.29	cps
Krypton	83-1	383	427	480	430	11.26	cps
Lead	206-1	584625	589123	591988	588579	0.63	cps
Lead	207-1	525063	531100	530149	528771	0.61	cps
Lead	208-1	2362767	2379025	2387879	2376557	0.54	cps
Lithium	6-1	1918958	1912815	1928035	1919936	0.40	cps
Magnesium	24-2	527051	519614	529524	525396	0.98	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:06:25 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	83032	81768	83387	82729	1.03	cps
Molybdenum	94-1	1898531	1901191	1896427	1898716	0.13	cps
Molybdenum	95-1	2276632	2349676	2308802	2311703	1.58	cps
Molybdenum	96-1	2542005	2561342	2581085	2561477	0.76	cps
Molybdenum	97-1	1434951	1439306	1448883	1441047	0.49	cps
Molybdenum	98-1	3687235	3634873	3667190	3663099	0.72	cps
Neodymium	150-1	60	47	40	49	20.83	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	82127	81447	83170	82248	1.06	cps
Phosphorus	31-2	1483	1417	1625	1508	7.05	cps
Potassium	39-2	145873	143398	147936	145736	1.56	cps
Rhodium	103-1	6682203	6642526	6736182	6686971	0.70	cps
Rhodium	103-2	2278913	2192645	2049578	2173712	5.33	cps
Scandium	45-1	4895291	4895765	4882311	4891122	0.16	cps
Scandium	45-2	47467	46805	43557	45943	4.55	cps
Selenium	77-2	113	163	147	141	18.04	cps
Selenium	78-2	428	354	463	415	13.45	cps
Selenium	82-1	15268	15091	15010	15123	0.87	cps
Silicon	28-1	974067	980287	981405	978586	0.40	cps
Silver	109-1	1098550	1100794	1102920	1100755	0.20	cps
Silver	107-1	1162758	1145960	1158497	1155739	0.76	cps
Sodium	23-2	1195377	1181059	1213411	1196616	1.35	cps
Strontium	86-1	287015	285851	289607	287491	0.67	cps
Strontium	88-1	2521452	2520853	2515986	2519430	0.12	cps
Sulfur	34-1	468898	467035	466681	467538	0.25	cps
Terbium	159-1	8339029	8342962	8348289	8343427	0.06	cps
Terbium	159-2	2572331	2506363	2377150	2485281	3.99	cps
Thallium	203-1	724405	725401	724288	724698	0.08	cps
Thallium	205-1	1749125	1764368	1778448	1763980	0.83	cps
Tin	118-1	693968	692569	688901	691813	0.38	cps
Titanium	47-1	683766	682632	682287	682895	0.11	cps
Uranium	238-1	2325722	2304935	2336402	2322353	0.69	cps
Vanadium	51-2	96147	94224	97097	95823	1.53	cps
Yttrium	89-1	7451736	7439151	7479715	7456867	0.28	cps
Yttrium	89-2	320191	312917	289449	307519	5.22	cps
Zinc	66-2	46377	46110	47348	46612	1.40	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:06:25	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1562007	1549927	1568834	1560256	0.61	cps
Zirconium	91-1	341295	345095	348314	344901	1.02	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:10:02 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46816	47012	47250	47026	0.46	cps
Antimony	121-1	2062346	2057288	2030705	2050113	0.83	cps
Arsenic	75-2	30630	30788	30667	30695	0.27	cps
Barium	135-1	2144841	2165288	2119707	2143279	1.07	cps
Barium	137-1	3664667	3656612	3700217	3673832	0.63	cps
Beryllium	9-1	406787	405688	405561	406012	0.17	cps
Bismuth	209-1	4888573	5041751	5133117	5021147	2.46	cps
Bismuth	209-2	2051393	1933281	2038797	2007824	3.23	cps
Boron	10-1	41210	44779	43843	43277	4.28	cps
Boron	11-1	205925	212857	216958	211913	2.63	cps
Cadmium	111-1	468059	471662	466022	468581	0.61	cps
Cadmium	106-1	48262	47861	49266	48463	1.49	cps
Cadmium	108-1	33613	32703	33630	33315	1.59	cps
Calcium	43-1	564454	567699	557597	563250	0.92	cps
Calcium	44-1	9133398	9034429	9059094	9075640	0.57	cps
Chromium	52-2	266772	270052	267052	267959	0.68	cps
Cobalt	59-2	539245	544885	544399	542843	0.58	cps
Copper	63-2	942041	951067	950762	947957	0.54	cps
Dysprosium	156-1	17	25	33	25	33.32	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	58	17	33	36	58.08	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	92	25	42	53	65.74	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	7867101	8066892	8057490	7997161	1.41	cps
Holmium	165-2	2592069	2416399	2602691	2537053	4.12	cps
Indium	115-1	6669961	6820783	6832718	6774487	1.34	cps
Indium	115-2	431137	400628	431322	421029	4.20	cps
Iron	56-2	9535481	9656460	9545495	9579145	0.70	cps
Iron	57-2	237264	239953	238427	238548	0.57	cps
Krypton	83-1	523	433	413	457	12.83	cps
Lead	206-1	1182303	1161256	1176095	1173218	0.92	cps
Lead	207-1	1057244	1055829	1064281	1059118	0.43	cps
Lead	208-1	4844419	4829636	4842828	4838961	0.17	cps
Lithium	6-1	1848970	1892334	1905423	1882242	1.57	cps
Magnesium	24-2	1042611	1049758	1052538	1048302	0.49	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:10:02	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	162380	165345	164384	164036	0.92	cps
Molybdenum	94-1	3741163	3781027	3785855	3769348	0.65	cps
Molybdenum	95-1	4582037	4587637	4541359	4570344	0.55	cps
Molybdenum	96-1	5053809	5025414	4999709	5026311	0.54	cps
Molybdenum	97-1	2898416	2868481	2906278	2891058	0.69	cps
Molybdenum	98-1	7327784	7282929	7290286	7300333	0.33	cps
Neodymium	150-1	93	107	113	104	9.75	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	162522	164370	164343	163745	0.65	cps
Phosphorus	31-2	3234	3201	3401	3278	3.27	cps
Potassium	39-2	288250	289650	291027	289642	0.48	cps
Rhodium	103-1	6365542	6717369	6710901	6597937	3.05	cps
Rhodium	103-2	2249756	2068002	2262677	2193478	4.96	cps
Scandium	45-1	4693541	4866144	4881131	4813605	2.17	cps
Scandium	45-2	47457	45046	47664	46722	3.12	cps
Selenium	77-2	270	270	270	270	0.00	cps
Selenium	78-2	887	919	882	896	2.23	cps
Selenium	82-1	30395	30379	30260	30345	0.24	cps
Silicon	28-1	1532418	1579283	1551343	1554348	1.52	cps
Silver	109-1	2197318	2243312	2235403	2225344	1.11	cps
Silver	107-1	2341884	2371753	2351381	2355006	0.65	cps
Sodium	23-2	2368482	2389639	2366051	2374724	0.55	cps
Strontium	86-1	575716	573089	569599	572801	0.54	cps
Strontium	88-1	4914087	4916221	4872783	4901031	0.50	cps
Sulfur	34-1	536574	538187	534017	536259	0.39	cps
Terbium	159-1	8099297	8467951	8541093	8369447	2.83	cps
Terbium	159-2	2582877	2410956	2594042	2529292	4.06	cps
Thallium	203-1	1470792	1454192	1458637	1461207	0.59	cps
Thallium	205-1	3576043	3517021	3533723	3542262	0.86	cps
Tin	118-1	1394699	1393788	1393622	1394036	0.04	cps
Titanium	47-1	1396468	1365109	1376920	1379499	1.15	cps
Uranium	238-1	4560577	4519004	4673394	4584325	1.74	cps
Vanadium	51-2	190739	193249	192253	192080	0.66	cps
Yttrium	89-1	7137009	7343740	7467217	7315989	2.28	cps
Yttrium	89-2	316649	297897	317277	310608	3.55	cps
Zinc	66-2	92090	93858	93147	93031	0.96	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:10:02	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3106886	3112160	3078740	3099262	0.58	cps
Zirconium	91-1	691541	693021	688020	690861	0.37	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P8
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:16:29 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92407	93895	93794	93365	0.89	cps
Antimony	121-1	4072257	4052776	4033896	4052976	0.47	cps
Arsenic	75-2	59885	61613	60867	60788	1.43	cps
Barium	135-1	4219294	4255883	4192153	4222443	0.76	cps
Barium	137-1	7250168	7219649	7236193	7235337	0.21	cps
Beryllium	9-1	802174	804322	802494	802997	0.14	cps
Bismuth	209-1	5089816	5118907	5078762	5095828	0.41	cps
Bismuth	209-2	2033910	2065109	2055026	2051348	0.78	cps
Boron	10-1	80701	84180	86619	83833	3.55	cps
Boron	11-1	407805	419527	424918	417417	2.10	cps
Cadmium	111-1	928056	927350	928443	927950	0.06	cps
Cadmium	106-1	95965	94304	94941	95070	0.88	cps
Cadmium	108-1	65174	65550	64868	65197	0.52	cps
Calcium	43-1	1116271	1124425	1128527	1123075	0.56	cps
Calcium	44-1	18065902	18071032	18109185	18082040	0.13	cps
Chromium	52-2	525365	530476	533865	529902	0.81	cps
Cobalt	59-2	1066164	1070547	1066687	1067799	0.22	cps
Copper	63-2	1899961	1911221	1891990	1901057	0.51	cps
Dysprosium	156-1	33	42	67	47	36.74	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	108	33	75	72	52.04	cps
Gadolinium	160-2	13	17	20	17	20.01	cps
Holmium	165-1	8175893	8145153	8062521	8127856	0.72	cps
Holmium	165-2	2599279	2629130	2606037	2611482	0.60	cps
Indium	115-1	6896786	6925481	6816414	6879560	0.82	cps
Indium	115-2	425510	429232	429020	427921	0.49	cps
Iron	56-2	18800204	18954340	18859293	18871279	0.41	cps
Iron	57-2	469146	477153	472228	472842	0.85	cps
Krypton	83-1	430	410	390	410	4.88	cps
Lead	206-1	2362237	2391115	2390119	2381157	0.69	cps
Lead	207-1	2161296	2203105	2152680	2172360	1.24	cps
Lead	208-1	9630920	9743490	9621035	9665148	0.70	cps
Lithium	6-1	1936816	1918965	1902936	1919572	0.88	cps
Magnesium	24-2	2105602	2108562	2113975	2109380	0.20	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:16:29	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	322225	325973	323349	323849	0.59	cps
Molybdenum	94-1	7472885	7479459	7457709	7470018	0.15	cps
Molybdenum	95-1	9088787	9085743	9106371	9093634	0.12	cps
Molybdenum	96-1	10046244	9994804	10006721	10015923	0.27	cps
Molybdenum	97-1	5699780	5742238	5704431	5715483	0.41	cps
Molybdenum	98-1	14585328	14554316	14644127	14594590	0.31	cps
Neodymium	150-1	127	200	167	164	22.33	cps
Neodymium	150-2	13	10	0	8	89.21	cps
Nickel	60-2	321223	325208	322182	322871	0.64	cps
Phosphorus	31-2	6777	6844	6268	6630	4.75	cps
Potassium	39-2	563546	566793	571719	567352	0.73	cps
Rhodium	103-1	6628059	6669981	6586726	6628255	0.63	cps
Rhodium	103-2	2225725	2236133	2246250	2236036	0.46	cps
Scandium	45-1	4913741	4971976	4932044	4939253	0.60	cps
Scandium	45-2	47841	48594	49186	48540	1.39	cps
Selenium	77-2	553	490	520	521	6.08	cps
Selenium	78-2	1661	1667	1574	1634	3.18	cps
Selenium	82-1	59473	60141	59719	59778	0.56	cps
Silicon	28-1	2763651	2767278	2802693	2777874	0.78	cps
Silver	109-1	4323809	4294299	4362200	4326769	0.79	cps
Silver	107-1	4670891	4633852	4593412	4632719	0.84	cps
Sodium	23-2	4620180	4647521	4628947	4632216	0.30	cps
Strontium	86-1	1132892	1142163	1135674	1136909	0.42	cps
Strontium	88-1	9854974	9847055	9830617	9844216	0.13	cps
Sulfur	34-1	695888	691201	688850	691980	0.52	cps
Terbium	159-1	8584442	8493328	8382078	8486616	1.19	cps
Terbium	159-2	2588308	2601694	2603504	2597836	0.32	cps
Thallium	203-1	2944464	2960333	2960231	2955010	0.31	cps
Thallium	205-1	6896006	6933223	6943532	6924253	0.36	cps
Tin	118-1	2807463	2824852	2784244	2805520	0.73	cps
Titanium	47-1	2705565	2762861	2730623	2733016	1.05	cps
Uranium	238-1	9090828	8972409	9033027	9032088	0.66	cps
Vanadium	51-2	380971	384719	382379	382690	0.49	cps
Yttrium	89-1	7544018	7580575	7410558	7511717	1.19	cps
Yttrium	89-2	318144	320970	318418	319177	0.49	cps
Zinc	66-2	182512	181054	181534	181700	0.41	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:16:29	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6136984	6126832	6092379	6118732	0.38	cps
Zirconium	91-1	1377533	1394651	1380133	1384106	0.67	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	184019	184018	183808	183948	0.07	cps
Antimony	121-1	7964243	7838044	7955468	7919252	0.89	cps
Arsenic	75-2	119537	121508	121088	120711	0.86	cps
Barium	135-1	8266570	8209406	8394884	8290287	1.15	cps
Barium	137-1	14389457	14289445	14409499	14362800	0.45	cps
Beryllium	9-1	1605651	1592882	1613210	1603914	0.64	cps
Bismuth	209-1	4893857	5106246	4896621	4965575	2.45	cps
Bismuth	209-2	2023155	2030058	2042883	2032032	0.49	cps
Boron	10-1	165730	169943	175081	170251	2.75	cps
Boron	11-1	809230	835850	857831	834304	2.92	cps
Cadmium	111-1	1857993	1858157	1844028	1853392	0.44	cps
Cadmium	106-1	186423	186802	185349	186191	0.40	cps
Cadmium	108-1	128796	129073	128320	128730	0.30	cps
Calcium	43-1	2264455	2267436	2253936	2261942	0.31	cps
Calcium	44-1	36108575	36024684	35817587	35983615	0.42	cps
Chromium	52-2	1040179	1041588	1044386	1042051	0.21	cps
Cobalt	59-2	2134053	2125579	2113347	2124326	0.49	cps
Copper	63-2	3693686	3705583	3684313	3694527	0.29	cps
Dysprosium	156-1	108	75	108	97	19.80	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	17	67	17	33	86.59	cps
Erbium	164-2	7	23	3	11	96.43	cps
Gadolinium	160-1	75	50	58	61	20.83	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	7786872	8268674	8027724	8027757	3.00	cps
Holmium	165-2	2603385	2598024	2671441	2624283	1.56	cps
Indium	115-1	6608180	6800711	6610128	6673006	1.66	cps
Indium	115-2	413404	419953	423190	418849	1.19	cps
Iron	56-2	37309888	37301854	37020551	37210764	0.44	cps
Iron	57-2	931540	932188	928794	930841	0.19	cps
Krypton	83-1	410	363	430	401	8.53	cps
Lead	206-1	4652651	4667737	4659627	4660005	0.16	cps
Lead	207-1	4226872	4276185	4291431	4264829	0.79	cps
Lead	208-1	18876066	18875411	18945173	18898883	0.21	cps
Lithium	6-1	1833843	1928462	1870011	1877439	2.54	cps
Magnesium	24-2	4091553	4086671	4066283	4081502	0.33	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	637418	637302	637995	637572	0.06	cps
Molybdenum	94-1	14818563	14964644	14936924	14906710	0.52	cps
Molybdenum	95-1	18114291	18242307	18244158	18200252	0.41	cps
Molybdenum	96-1	20051999	20073604	20199379	20108327	0.40	cps
Molybdenum	97-1	11363340	11356003	11540596	11419980	0.92	cps
Molybdenum	98-1	29051891	28924641	29222166	29066233	0.51	cps
Neodymium	150-1	320	247	313	293	13.82	cps
Neodymium	150-2	17	17	17	17	0.00	cps
Nickel	60-2	628265	628505	629296	628689	0.09	cps
Phosphorus	31-2	13257	13081	13040	13126	0.88	cps
Potassium	39-2	1117246	1111840	1116550	1115212	0.26	cps
Rhodium	103-1	6290048	6666235	6475860	6477381	2.90	cps
Rhodium	103-2	2171884	2173046	2212393	2185774	1.06	cps
Scandium	45-1	4809037	5033182	4830958	4891059	2.53	cps
Scandium	45-2	47992	49259	48908	48720	1.34	cps
Selenium	77-2	997	1013	953	988	3.14	cps
Selenium	78-2	3360	3350	3291	3334	1.12	cps
Selenium	82-1	117922	117876	119008	118268	0.54	cps
Silicon	28-1	4917904	4965102	4965457	4949487	0.55	cps
Silver	109-1	8494397	8390730	8544534	8476553	0.93	cps
Silver	107-1	9026198	8978093	9039031	9014441	0.36	cps
Sodium	23-2	9131952	9090678	9044129	9088919	0.48	cps
Strontium	86-1	2302491	2320084	2294429	2305668	0.57	cps
Strontium	88-1	19761356	19539928	19987172	19762818	1.13	cps
Sulfur	34-1	1004295	996630	988511	996479	0.79	cps
Terbium	159-1	8157242	8617974	8351343	8375520	2.76	cps
Terbium	159-2	2613704	2619818	2659446	2630989	0.94	cps
Thallium	203-1	5679360	5759864	5771862	5737029	0.88	cps
Thallium	205-1	13566502	13735842	13612671	13638338	0.64	cps
Tin	118-1	5564972	5422615	5451321	5479636	1.37	cps
Titanium	47-1	5427300	5386046	5372017	5395121	0.53	cps
Uranium	238-1	17969886	17884088	18002962	17952312	0.34	cps
Vanadium	51-2	759341	752492	760279	757370	0.56	cps
Yttrium	89-1	7170505	7582740	7422675	7391973	2.81	cps
Yttrium	89-2	313206	319668	324427	319100	1.76	cps
Zinc	66-2	353925	352721	354428	353691	0.25	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:19:54	DataFile Name :	013CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12226330	12284872	12193674	12234959	0.38	cps
Zirconium	91-1	2784019	2796092	2807250	2795787	0.42	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	969150	970542	974521	971405	0.29	cps
Antimony	121-1	13532	13432	14283	13749	3.38	cps
Arsenic	75-2	213	174	187	191	10.35	cps
Barium	135-1	1734	1734	1667	1711	2.25	cps
Barium	137-1	3201	2709	3034	2981	8.39	cps
Beryllium	9-1	411	456	478	448	7.57	cps
Bismuth	209-1	4561012	4635797	4481301	4559370	1.69	cps
Bismuth	209-2	1888555	1808414	2091902	1929624	7.57	cps
Boron	10-1	9620	8836	7836	8764	10.21	cps
Boron	11-1	46200	40725	38319	41748	9.67	cps
Cadmium	111-1	1256	1478	1243	1326	9.97	cps
Cadmium	106-1	1417	1642	1358	1472	10.16	cps
Cadmium	108-1	33	42	58	44	28.65	cps
Calcium	43-1	11244340	11318305	11356053	11306233	0.50	cps
Calcium	44-1	183526987	182898350	183099750	183175029	0.18	cps
Chromium	52-2	49036	48574	48768	48793	0.48	cps
Cobalt	59-2	26131	26101	26211	26148	0.22	cps
Copper	63-2	9360	9623	8990	9324	3.41	cps
Dysprosium	156-1	50	75	83	69	24.98	cps
Dysprosium	156-2	20	7	20	16	49.47	cps
Erbium	164-1	75	17	25	39	81.12	cps
Erbium	164-2	10	23	20	18	39.03	cps
Gadolinium	160-1	83	75	125	94	28.37	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	7738582	7788949	7569411	7698981	1.49	cps
Holmium	165-2	2608448	2450804	2811592	2623615	6.89	cps
Indium	115-1	6531449	6449270	6313768	6431496	1.71	cps
Indium	115-2	427424	402022	472016	433821	8.17	cps
Iron	56-2	184339237	185420004	183944982	184568074	0.41	cps
Iron	57-2	4618491	4620708	4639393	4626197	0.25	cps
Krypton	83-1	377	427	413	406	6.38	cps
Lead	206-1	5701	5640	5779	5707	1.22	cps
Lead	207-1	4857	4940	4729	4842	2.20	cps
Lead	208-1	22542	22736	21941	22407	1.85	cps
Lithium	6-1	1817748	1833330	1805179	1818753	0.78	cps
Magnesium	24-2	20066365	20119455	20197372	20127730	0.33	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4231	4164	4314	4236	1.77	cps
Molybdenum	94-1	18547	18689	18029	18422	1.88	cps
Molybdenum	95-1	28806	28447	27646	28300	2.10	cps
Molybdenum	96-1	31780	32114	31521	31805	0.93	cps
Molybdenum	97-1	18405	17879	17061	17782	3.81	cps
Molybdenum	98-1	44206	43621	43839	43889	0.67	cps
Neodymium	150-1	140	113	113	122	12.60	cps
Neodymium	150-2	27	17	33	26	32.81	cps
Nickel	60-2	24428	24468	24468	24455	0.09	cps
Phosphorus	31-2	42	8	33	28	62.46	cps
Potassium	39-2	5690221	5635755	5720547	5682175	0.76	cps
Rhodium	103-1	6092749	6124313	5981728	6066264	1.23	cps
Rhodium	103-2	2104262	1978295	2274469	2119009	7.01	cps
Scandium	45-1	4752241	4807461	4788788	4782830	0.59	cps
Scandium	45-2	48611	44805	53706	49040	9.11	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	6	6	5	21.74	cps
Selenium	82-1	181	113	110	135	29.95	cps
Silicon	28-1	586901	614275	611328	604168	2.49	cps
Silver	109-1	3651	3842	3651	3715	2.98	cps
Silver	107-1	4084	4001	4051	4045	1.04	cps
Sodium	23-2	44662120	44504542	44967048	44711236	0.53	cps
Strontium	86-1	11097	11489	11497	11361	2.01	cps
Strontium	88-1	91724	94988	92513	93075	1.83	cps
Sulfur	34-1	372564	374712	377885	375054	0.71	cps
Terbium	159-1	8209700	8094035	7923725	8075820	1.78	cps
Terbium	159-2	2623243	2463244	2848895	2645127	7.32	cps
Thallium	203-1	3226	2842	2650	2906	10.08	cps
Thallium	205-1	7277	7286	6627	7063	5.35	cps
Tin	118-1	6535	6685	6669	6630	1.24	cps
Titanium	47-1	1609	1692	1709	1670	3.21	cps
Uranium	238-1	2959	3009	3242	3070	4.93	cps
Vanadium	51-2	330	330	350	337	3.43	cps
Yttrium	89-1	7214043	7261314	7127650	7201002	0.94	cps
Yttrium	89-2	325940	304671	357199	329270	8.02	cps
Zinc	66-2	2904	2974	3137	3005	3.99	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:23:15	DataFile Name :	014CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6152	6135	6360	6216	2.02	cps
Zirconium	91-1	1517	1342	1350	1403	7.04	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:36:39 DataFile Name : 015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4867	5052	5037	4986	2.06	cps
Antimony	121-1	1536892	1543425	1527358	1535892	0.53	cps
Arsenic	75-2	24277	24277	24038	24197	0.57	cps
Barium	135-1	163633	160439	160672	161581	1.10	cps
Barium	137-1	276454	280274	277645	278124	0.70	cps
Beryllium	9-1	157592	155721	158423	157245	0.88	cps
Bismuth	209-1	5029761	5046792	4999699	5025417	0.47	cps
Bismuth	209-2	2077312	2110560	2081138	2089670	0.87	cps
Boron	10-1	105838	107836	109658	107777	1.77	cps
Boron	11-1	529110	528269	529762	529047	0.14	cps
Cadmium	111-1	179497	180627	179649	179925	0.34	cps
Cadmium	106-1	17896	18121	17704	17907	1.17	cps
Cadmium	108-1	12247	12072	12014	12111	1.00	cps
Calcium	43-1	43552	43694	43953	43733	0.46	cps
Calcium	44-1	728534	724661	733142	728779	0.58	cps
Chromium	52-2	103086	103455	104439	103660	0.67	cps
Cobalt	59-2	215510	214034	212889	214145	0.61	cps
Copper	63-2	188418	191068	190043	189843	0.70	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	100	100	58	86	27.94	cps
Erbium	164-2	37	17	17	23	49.48	cps
Gadolinium	160-1	75	75	50	67	21.65	cps
Gadolinium	160-2	20	27	20	22	17.33	cps
Holmium	165-1	7858673	7831114	7840646	7843478	0.18	cps
Holmium	165-2	2615624	2627831	2601888	2615114	0.50	cps
Indium	115-1	6881098	6867942	6781730	6843590	0.79	cps
Indium	115-2	439508	438596	435152	437752	0.52	cps
Iron	56-2	756944	754893	759148	756995	0.28	cps
Iron	57-2	19470	19197	19269	19312	0.73	cps
Krypton	83-1	397	437	450	428	6.49	cps
Lead	206-1	894445	902749	905053	900749	0.62	cps
Lead	207-1	780128	792385	793907	788807	0.96	cps
Lead	208-1	3632534	3662885	3694505	3663308	0.85	cps
Lithium	6-1	1961342	1951456	1953640	1955480	0.27	cps
Magnesium	24-2	49471	49311	48559	49114	0.99	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:36:39	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	31997	31218	31362	31526	1.31	cps
Molybdenum	94-1	1060980	1073878	1072308	1069056	0.66	cps
Molybdenum	95-1	1889604	1871831	1848287	1869907	1.11	cps
Molybdenum	96-1	2011692	2011798	2010891	2011460	0.02	cps
Molybdenum	97-1	1135902	1150423	1150318	1145548	0.73	cps
Molybdenum	98-1	2964894	3007851	2975327	2982691	0.75	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	64117	64840	64382	64446	0.57	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	49313	49237	49279	49276	0.08	cps
Rhodium	103-1	6757460	6796464	6617068	6723664	1.40	cps
Rhodium	103-2	2297278	2286754	2271131	2285054	0.58	cps
Scandium	45-1	5025231	4983681	4898573	4969162	1.30	cps
Scandium	45-2	49042	48433	48590	48689	0.65	cps
Selenium	77-2	230	177	163	190	18.57	cps
Selenium	78-2	683	683	674	680	0.79	cps
Selenium	82-1	23259	23265	23450	23325	0.46	cps
Silicon	28-1	2579407	2590162	2562520	2577363	0.54	cps
Silver	109-1	831329	849346	832920	837865	1.19	cps
Silver	107-1	878299	882093	885998	882130	0.44	cps
Sodium	23-2	194506	194217	194950	194558	0.19	cps
Strontium	86-1	5760	5426	6052	5746	5.45	cps
Strontium	88-1	44758	44532	45385	44892	0.98	cps
Sulfur	34-1	394094	392135	387187	391139	0.91	cps
Terbium	159-1	8392795	8168473	8175910	8245726	1.55	cps
Terbium	159-2	2630993	2609358	2641745	2627365	0.63	cps
Thallium	203-1	1124178	1128088	1124641	1125635	0.19	cps
Thallium	205-1	2776369	2757669	2742223	2758754	0.62	cps
Tin	118-1	2875551	2850841	2864139	2863510	0.43	cps
Titanium	47-1	559141	561041	557471	559218	0.32	cps
Uranium	238-1	9511495	9319868	9340311	9390558	1.12	cps
Vanadium	51-2	74825	74115	74842	74594	0.56	cps
Yttrium	89-1	7517423	7412030	7375024	7434825	0.99	cps
Yttrium	89-2	328070	325127	325313	326170	0.51	cps
Zinc	66-2	37140	36652	37451	37081	1.09	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:36:39	DataFile Name :	015ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1575	1417	1458	1483	5.53	cps
Zirconium	91-1	442	325	425	397	15.89	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	243	280	188	237	19.66	cps
Antimony	121-1	16369	17070	16928	16789	2.21	cps
Arsenic	75-2	165	185	133	161	16.21	cps
Barium	135-1	17137	16453	16277	16622	2.73	cps
Barium	137-1	29133	28883	29576	29197	1.20	cps
Beryllium	9-1	1889	2072	1817	1926	6.84	cps
Bismuth	209-1	5156831	5142702	5043971	5114502	1.20	cps
Bismuth	209-2	2237332	2180194	2186001	2201175	1.43	cps
Boron	10-1	5176	5259	5518	5318	3.35	cps
Boron	11-1	25031	26033	26459	25841	2.84	cps
Cadmium	111-1	3037	2721	2968	2909	5.72	cps
Cadmium	106-1	1634	1483	1692	1603	6.71	cps
Cadmium	108-1	146	163	154	154	5.41	cps
Calcium	43-1	11147	11814	12231	11730	4.66	cps
Calcium	44-1	207030	202214	201991	203745	1.40	cps
Chromium	52-2	2847	2797	2714	2786	2.42	cps
Cobalt	59-2	2320	2324	2284	2309	0.96	cps
Copper	63-2	4814	4541	4764	4706	3.09	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	3	3	10	6	69.34	cps
Erbium	164-1	58	67	17	47	56.72	cps
Erbium	164-2	10	13	7	10	33.30	cps
Gadolinium	160-1	83	58	83	75	19.24	cps
Gadolinium	160-2	13	3	10	9	57.30	cps
Holmium	165-1	8148107	8122788	7780249	8017048	2.56	cps
Holmium	165-2	2752562	2722117	2718484	2731054	0.69	cps
Indium	115-1	7194209	7107131	6927943	7076428	1.92	cps
Indium	115-2	468685	460862	463043	464197	0.87	cps
Iron	56-2	42487	41456	41897	41947	1.23	cps
Iron	57-2	972	1006	1128	1035	7.91	cps
Krypton	83-1	463	480	340	428	17.88	cps
Lead	206-1	5401	5490	5501	5464	1.00	cps
Lead	207-1	5201	5040	4668	4970	5.51	cps
Lead	208-1	22236	21663	21669	21856	1.51	cps
Lithium	6-1	2040492	2022326	1928759	1997192	3.00	cps
Magnesium	24-2	21809	22018	21767	21865	0.61	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	423	407	387	406	4.53	cps
Molybdenum	94-1	15560	15443	15893	15632	1.50	cps
Molybdenum	95-1	19056	18305	19265	18875	2.67	cps
Molybdenum	96-1	21535	21685	20925	21382	1.88	cps
Molybdenum	97-1	12214	11630	11297	11714	3.96	cps
Molybdenum	98-1	30736	29876	30962	30524	1.88	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	803	793	843	813	3.25	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	15551	15401	15743	15565	1.10	cps
Rhodium	103-1	7223515	6979171	6808054	7003580	2.98	cps
Rhodium	103-2	2405968	2441472	2389905	2412448	1.09	cps
Scandium	45-1	5215637	5087885	4975395	5092972	2.36	cps
Scandium	45-2	50574	49949	50885	50469	0.95	cps
Selenium	77-2	7	3	13	8	65.47	cps
Selenium	78-2	26	22	11	20	39.04	cps
Selenium	82-1	660	629	742	677	8.60	cps
Silicon	28-1	332071	327665	326581	328772	0.88	cps
Silver	109-1	9712	9345	9179	9412	2.90	cps
Silver	107-1	9345	9829	9696	9623	2.60	cps
Sodium	23-2	62647	61525	61801	61991	0.94	cps
Strontium	86-1	3234	2875	2900	3003	6.66	cps
Strontium	88-1	21234	20750	20441	20808	1.92	cps
Sulfur	34-1	393518	396298	392722	394179	0.48	cps
Terbium	159-1	8596884	8459871	8167594	8408116	2.61	cps
Terbium	159-2	2763405	2740404	2706326	2736712	1.05	cps
Thallium	203-1	5927	6218	6260	6135	2.96	cps
Thallium	205-1	14826	15677	14793	15099	3.32	cps
Tin	118-1	28765	29225	29008	28999	0.79	cps
Titanium	47-1	6569	6118	5660	6116	7.43	cps
Uranium	238-1	17797	18281	17755	17944	1.63	cps
Vanadium	51-2	4017	3911	3864	3931	2.00	cps
Yttrium	89-1	7758294	7724398	7455178	7645957	2.17	cps
Yttrium	89-2	343463	340742	336921	340375	0.97	cps
Zinc	66-2	610	520	523	551	9.26	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:46:53	DataFile Name :	016LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12882	13157	13165	13068	1.23	cps
Zirconium	91-1	3000	2842	3050	2964	3.67	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:51:49 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	38	25	28	32.77	cps
Antimony	121-1	408	483	567	486	16.29	cps
Arsenic	75-2	2	7	7	6	57.77	cps
Barium	135-1	33	25	8	22	57.29	cps
Barium	137-1	50	67	50	56	17.32	cps
Beryllium	9-1	183	133	161	159	15.73	cps
Bismuth	209-1	4954999	4853239	4425420	4744553	5.92	cps
Bismuth	209-2	2081074	2065100	2078802	2074992	0.42	cps
Boron	10-1	1250	1225	1292	1256	2.68	cps
Boron	11-1	5751	5710	6160	5874	4.24	cps
Cadmium	111-1	1111	1106	907	1041	11.19	cps
Cadmium	106-1	1567	1575	1292	1478	10.91	cps
Cadmium	108-1	4	13	8	8	49.98	cps
Calcium	43-1	367	275	325	322	14.25	cps
Calcium	44-1	21459	21175	20958	21197	1.18	cps
Chromium	52-2	627	577	560	588	5.90	cps
Cobalt	59-2	90	93	100	94	5.39	cps
Copper	63-2	630	687	747	688	8.48	cps
Dysprosium	156-1	0	17	33	17	99.99	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	0	20	13	11	91.66	cps
Gadolinium	160-1	42	100	83	75	40.06	cps
Gadolinium	160-2	10	0	10	7	86.60	cps
Holmium	165-1	7779427	7700506	6861503	7447145	6.83	cps
Holmium	165-2	2626125	2596769	2577904	2600266	0.93	cps
Indium	115-1	6887424	6740009	6006619	6544684	7.21	cps
Indium	115-2	447196	440361	443374	443643	0.77	cps
Iron	56-2	1539	1406	1317	1420	7.87	cps
Iron	57-2	33	50	50	44	21.66	cps
Krypton	83-1	437	493	360	430	15.56	cps
Lead	206-1	394	333	356	361	8.57	cps
Lead	207-1	394	311	233	313	25.75	cps
Lead	208-1	1472	1361	1461	1432	4.28	cps
Lithium	6-1	2007132	1919156	1745511	1890600	7.04	cps
Magnesium	24-2	175	242	225	214	16.22	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:51:49 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	40	23	33	26.47	cps
Molybdenum	94-1	367	367	308	347	9.70	cps
Molybdenum	95-1	200	217	58	158	54.95	cps
Molybdenum	96-1	183	242	200	208	14.42	cps
Molybdenum	97-1	133	150	167	150	11.11	cps
Molybdenum	98-1	258	208	300	256	17.96	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	43	53	44	18.87	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	3842	3851	3584	3759	4.03	cps
Rhodium	103-1	6792459	6634071	5867499	6431343	7.69	cps
Rhodium	103-2	2291691	2280903	2310701	2294432	0.66	cps
Scandium	45-1	4979357	4903448	4380103	4754303	6.86	cps
Scandium	45-2	48908	48895	48330	48711	0.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	6	4	4	24.86	cps
Selenium	82-1	-8	-28	93	19	342.38	cps
Silicon	28-1	281584	280489	283506	281859	0.54	cps
Silver	109-1	925	858	1067	950	11.20	cps
Silver	107-1	967	1042	1208	1072	11.54	cps
Sodium	23-2	12915	12581	13015	12837	1.77	cps
Strontium	86-1	717	858	658	744	13.82	cps
Strontium	88-1	50	67	67	61	15.75	cps
Sulfur	34-1	400684	400501	402671	401285	0.30	cps
Terbium	159-1	8110635	8025437	7241832	7792635	6.15	cps
Terbium	159-2	2592654	2581295	2588167	2587372	0.22	cps
Thallium	203-1	375	417	358	383	7.84	cps
Thallium	205-1	892	1075	958	975	9.52	cps
Tin	118-1	300	408	333	347	15.98	cps
Titanium	47-1	92	117	150	119	24.50	cps
Uranium	238-1	92	100	83	92	9.09	cps
Vanadium	51-2	3	3	10	6	69.34	cps
Yttrium	89-1	7498316	7269757	6505477	7091183	7.33	cps
Yttrium	89-2	326418	323148	325124	324897	0.51	cps
Zinc	66-2	93	80	120	98	20.83	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:51:49	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	733	458	575	589	23.44	cps
Zirconium	91-1	83	175	75	111	49.94	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:55:12 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	841610	829635	820278	830508	1.29	cps
Antimony	121-1	8745	9037	9204	8995	2.58	cps
Arsenic	75-2	33	41	50	41	20.20	cps
Barium	135-1	2359	2309	2484	2384	3.78	cps
Barium	137-1	4493	4418	4293	4401	2.30	cps
Beryllium	9-1	672	644	628	648	3.46	cps
Bismuth	209-1	5045000	4123782	4803821	4657534	10.26	cps
Bismuth	209-2	2007017	2132197	1993163	2044126	3.75	cps
Boron	10-1	1450	1458	1408	1439	1.86	cps
Boron	11-1	7035	7661	7811	7502	5.48	cps
Cadmium	111-1	1630	1572	1563	1588	2.31	cps
Cadmium	106-1	1433	1208	1325	1322	8.51	cps
Cadmium	108-1	908	850	867	875	3.43	cps
Calcium	43-1	2154547	2218819	2154521	2175962	1.71	cps
Calcium	44-1	34372046	34897466	34680782	34650098	0.76	cps
Chromium	52-2	20295	20295	20155	20248	0.40	cps
Cobalt	59-2	2450	2317	2527	2431	4.37	cps
Copper	63-2	14778	14828	14685	14764	0.49	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	10	23	13	16	44.60	cps
Erbium	164-1	42	92	100	78	40.56	cps
Erbium	164-2	13	20	23	19	26.96	cps
Gadolinium	160-1	42	75	100	72	40.52	cps
Gadolinium	160-2	47	23	40	37	32.79	cps
Holmium	165-1	8387759	6591750	7830865	7603458	12.09	cps
Holmium	165-2	2657792	2756458	2561459	2658570	3.67	cps
Indium	115-1	7156762	5528074	6571230	6418689	12.85	cps
Indium	115-2	427581	446393	418255	430743	3.33	cps
Iron	56-2	72542224	71202329	71435160	71726571	1.00	cps
Iron	57-2	1830327	1813246	1817923	1820499	0.48	cps
Krypton	83-1	487	350	400	412	16.77	cps
Lead	206-1	21775	22893	22292	22320	2.51	cps
Lead	207-1	18013	17318	17852	17728	2.05	cps
Lead	208-1	83414	84483	83603	83833	0.68	cps
Lithium	6-1	1958902	1634159	1850990	1814684	9.11	cps
Magnesium	24-2	3934897	3907061	3861161	3901039	0.95	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:55:12 DataFile Name : 018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2384	2260	2570	2405	6.49	cps
Molybdenum	94-1	4006756	4069765	4012433	4029652	0.86	cps
Molybdenum	95-1	6931468	7056244	6895010	6960907	1.21	cps
Molybdenum	96-1	7382752	7483798	7396787	7421112	0.74	cps
Molybdenum	97-1	4324888	4428621	4346890	4366800	1.25	cps
Molybdenum	98-1	10923488	11241365	11112938	11092597	1.44	cps
Neodymium	150-1	47	27	60	44	37.74	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	3370	3380	3317	3356	1.01	cps
Phosphorus	31-2	61878	61200	59978	61019	1.58	cps
Potassium	39-2	2194236	2226774	2190280	2203764	0.91	cps
Rhodium	103-1	6756135	5337850	6291776	6128587	11.80	cps
Rhodium	103-2	2180651	2333482	2152504	2222212	4.38	cps
Scandium	45-1	5122528	3982245	4787452	4630742	12.66	cps
Scandium	45-2	47801	49511	46712	48008	2.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	-62	109	81	43	214.12	cps
Silicon	28-1	419462	420647	417042	419050	0.44	cps
Silver	109-1	7452	7611	8069	7711	4.16	cps
Silver	107-1	7694	8420	8028	8047	4.51	cps
Sodium	23-2	8847179	8780880	8605057	8744372	1.43	cps
Strontium	86-1	74596	76849	74539	75328	1.75	cps
Strontium	88-1	647366	663572	654255	655064	1.24	cps
Sulfur	34-1	2803363	2871471	2789606	2821480	1.55	cps
Terbium	159-1	8715593	6888513	8190807	7931638	11.86	cps
Terbium	159-2	2621205	2788986	2550891	2653694	4.61	cps
Thallium	203-1	658	667	825	717	13.10	cps
Thallium	205-1	1584	1775	1584	1647	6.72	cps
Tin	118-1	1192	1458	1225	1292	11.25	cps
Titanium	47-1	2140631	2186201	2137343	2154725	1.27	cps
Uranium	238-1	400	300	400	367	15.75	cps
Vanadium	51-2	107	127	90	108	17.03	cps
Yttrium	89-1	7784479	6094880	7249402	7042920	12.26	cps
Yttrium	89-2	318099	336031	313084	322405	3.74	cps
Zinc	66-2	2540	2480	2284	2435	5.52	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:55:12	DataFile Name :	018ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	825	683	692	733	10.84	cps
Zirconium	91-1	217	208	192	206	6.19	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 18:58:28 DataFile Name : 019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	830111	826120	814851	823694	0.96	cps
Antimony	121-1	156163	158842	162529	159178	2.01	cps
Arsenic	75-2	2339	2348	2334	2340	0.32	cps
Barium	135-1	34964	35716	34045	34908	2.40	cps
Barium	137-1	60096	58974	60440	59836	1.28	cps
Beryllium	9-1	30867	31830	32353	31684	2.38	cps
Bismuth	209-1	4869958	4936834	4904957	4903916	0.68	cps
Bismuth	209-2	1933273	1953498	1997590	1961454	1.68	cps
Boron	10-1	9862	10446	10388	10232	3.14	cps
Boron	11-1	50172	51092	53225	51496	3.04	cps
Cadmium	111-1	35230	35116	36085	35477	1.49	cps
Cadmium	106-1	4434	4359	4409	4401	0.87	cps
Cadmium	108-1	3288	3221	3230	3246	1.12	cps
Calcium	43-1	2160577	2135809	2159121	2151836	0.65	cps
Calcium	44-1	34128626	34049167	34090636	34089476	0.12	cps
Chromium	52-2	40218	40195	39359	39924	1.23	cps
Cobalt	59-2	43304	42849	42428	42860	1.02	cps
Copper	63-2	50254	50120	50231	50202	0.14	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	67	67	42	58	24.74	cps
Erbium	164-2	13	10	20	14	35.26	cps
Gadolinium	160-1	92	92	108	97	9.90	cps
Gadolinium	160-2	17	23	27	22	22.91	cps
Holmium	165-1	8013517	8071437	8074466	8053140	0.43	cps
Holmium	165-2	2544244	2606951	2556946	2569381	1.29	cps
Indium	115-1	6758105	6758730	6758861	6758565	0.01	cps
Indium	115-2	413437	420135	416129	416567	0.81	cps
Iron	56-2	71532110	71466249	71218024	71405461	0.23	cps
Iron	57-2	1827909	1818051	1800597	1815519	0.76	cps
Krypton	83-1	460	430	487	459	6.18	cps
Lead	206-1	110336	109356	110291	109995	0.50	cps
Lead	207-1	93426	92843	92183	92817	0.67	cps
Lead	208-1	430799	427768	426942	428503	0.47	cps
Lithium	6-1	1856968	1904252	1879206	1880142	1.26	cps
Magnesium	24-2	3903305	3917524	3887999	3902943	0.38	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:58:28	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	8359	8206	8616	8394	2.47	cps
Molybdenum	94-1	4021377	4053594	4084240	4053070	0.78	cps
Molybdenum	95-1	6849730	6993567	7059279	6967525	1.54	cps
Molybdenum	96-1	7508241	7452209	7455195	7471882	0.42	cps
Molybdenum	97-1	4408890	4383051	4393184	4395042	0.30	cps
Molybdenum	98-1	11184850	11143129	11284134	11204038	0.65	cps
Neodymium	150-1	67	73	33	58	37.10	cps
Neodymium	150-2	3	7	7	6	34.70	cps
Nickel	60-2	15088	15816	15155	15353	2.62	cps
Phosphorus	31-2	61710	61485	60748	61314	0.82	cps
Potassium	39-2	2180502	2168459	2154911	2167957	0.59	cps
Rhodium	103-1	6523588	6594415	6466577	6528193	0.98	cps
Rhodium	103-2	2131153	2171257	2175188	2159199	1.13	cps
Scandium	45-1	4823801	4865971	4858753	4849508	0.47	cps
Scandium	45-2	45875	47025	46825	46575	1.32	cps
Selenium	77-2	10	13	17	13	25.01	cps
Selenium	78-2	74	76	72	74	2.50	cps
Selenium	82-1	2324	2334	2167	2275	4.13	cps
Silicon	28-1	645055	684622	651087	660255	3.23	cps
Silver	109-1	160760	162395	163051	162069	0.73	cps
Silver	107-1	170930	171345	169891	170722	0.44	cps
Sodium	23-2	8817064	8783524	8707602	8769397	0.64	cps
Strontium	86-1	73071	73716	72702	73163	0.70	cps
Strontium	88-1	646950	642298	639729	642992	0.57	cps
Sulfur	34-1	2747425	2777333	2765548	2763435	0.55	cps
Terbium	159-1	8279702	8428492	8390170	8366121	0.92	cps
Terbium	159-2	2557730	2586946	2549850	2564842	0.76	cps
Thallium	203-1	110637	111379	110419	110812	0.45	cps
Thallium	205-1	264421	266345	267862	266210	0.65	cps
Tin	118-1	264606	265862	264876	265114	0.25	cps
Titanium	47-1	2162749	2130570	2143622	2145647	0.75	cps
Uranium	238-1	333	375	417	375	11.11	cps
Vanadium	51-2	14431	14731	14848	14670	1.47	cps
Yttrium	89-1	7392522	7399532	7339918	7377324	0.44	cps
Yttrium	89-2	308040	314491	313723	312085	1.13	cps
Zinc	66-2	5611	5751	5378	5580	3.38	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 18:58:28	DataFile Name :	019ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	842	758	817	806	5.31	cps
Zirconium	91-1	275	217	217	236	14.26	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	519278	515547	517191	517339	0.36	cps
Antimony	121-1	4050843	4013708	4028754	4031102	0.46	cps
Arsenic	75-2	63642	62494	62557	62898	1.03	cps
Barium	135-1	4298204	4246995	4224572	4256590	0.89	cps
Barium	137-1	7278794	7342336	7130483	7250538	1.50	cps
Beryllium	9-1	828928	829713	823582	827408	0.40	cps
Bismuth	209-1	4637728	4781656	4740460	4719948	1.57	cps
Bismuth	209-2	1999576	1963926	1967399	1976967	0.99	cps
Boron	10-1	88363	91171	92464	90666	2.31	cps
Boron	11-1	433454	443581	456209	444415	2.57	cps
Cadmium	111-1	969524	963783	967537	966948	0.30	cps
Cadmium	106-1	99382	99172	99113	99222	0.14	cps
Cadmium	108-1	67841	67790	68976	68202	0.98	cps
Calcium	43-1	5626080	5645542	5563579	5611733	0.76	cps
Calcium	44-1	91350298	90878871	90811781	91013650	0.32	cps
Chromium	52-2	567982	566846	563522	566117	0.41	cps
Cobalt	59-2	1102962	1085955	1088182	1092366	0.85	cps
Copper	63-2	1909653	1884220	1868541	1887471	1.10	cps
Dysprosium	156-1	58	58	83	67	21.65	cps
Dysprosium	156-2	0	17	17	11	86.60	cps
Erbium	164-1	67	33	50	50	33.33	cps
Erbium	164-2	20	23	7	17	52.90	cps
Gadolinium	160-1	58	67	100	75	29.40	cps
Gadolinium	160-2	10	20	33	21	55.45	cps
Holmium	165-1	7800970	7838591	7876212	7838591	0.48	cps
Holmium	165-2	2659190	2619048	2599807	2626015	1.15	cps
Indium	115-1	6610344	6734131	6658519	6667664	0.94	cps
Indium	115-2	431810	427255	427112	428726	0.62	cps
Iron	56-2	97557222	95677088	95399697	96211335	1.22	cps
Iron	57-2	2427013	2401236	2459509	2429253	1.20	cps
Krypton	83-1	390	497	467	451	12.19	cps
Lead	206-1	2280522	2279983	2284681	2281729	0.11	cps
Lead	207-1	2110446	2076924	2075729	2087700	0.94	cps
Lead	208-1	9342068	9316250	9291401	9316573	0.27	cps
Lithium	6-1	1833836	1847346	1871353	1850845	1.03	cps
Magnesium	24-2	10468262	10461385	10395797	10441814	0.38	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337619	338670	336872	337720	0.27	cps
Molybdenum	94-1	7723955	7576957	7678649	7659854	0.98	cps
Molybdenum	95-1	9335763	9251529	9312581	9299958	0.47	cps
Molybdenum	96-1	10343390	10406184	10218403	10322659	0.93	cps
Molybdenum	97-1	5896232	5840716	5813866	5850271	0.72	cps
Molybdenum	98-1	15070573	14910958	15068665	15016732	0.61	cps
Neodymium	150-1	313	280	227	273	15.99	cps
Neodymium	150-2	20	23	20	21	9.11	cps
Nickel	60-2	333563	330461	331035	331686	0.50	cps
Phosphorus	31-2	6827	6752	6919	6832	1.22	cps
Potassium	39-2	3006151	3000470	2988657	2998426	0.30	cps
Rhodium	103-1	6354945	6420080	6378437	6384487	0.52	cps
Rhodium	103-2	2175460	2138665	2155574	2156567	0.85	cps
Scandium	45-1	4909917	4961415	4993018	4954783	0.85	cps
Scandium	45-2	49898	48989	48537	49141	1.41	cps
Selenium	77-2	490	460	480	477	3.20	cps
Selenium	78-2	1778	1632	1582	1664	6.13	cps
Selenium	82-1	59692	59887	59768	59782	0.16	cps
Silicon	28-1	2924185	2973825	3014727	2970912	1.53	cps
Silver	109-1	4225112	4242228	4299237	4255526	0.91	cps
Silver	107-1	4483769	4495065	4510450	4496428	0.30	cps
Sodium	23-2	23412401	23077005	23212394	23233934	0.73	cps
Strontium	86-1	1175015	1170670	1169319	1171668	0.25	cps
Strontium	88-1	10098874	10110324	10000578	10069925	0.60	cps
Sulfur	34-1	706208	705411	695337	702318	0.86	cps
Terbium	159-1	8236138	8304436	8227811	8256129	0.51	cps
Terbium	159-2	2629302	2571366	2636662	2612443	1.37	cps
Thallium	203-1	2862950	2865289	2837421	2855220	0.54	cps
Thallium	205-1	6716722	6738208	6675246	6710059	0.48	cps
Tin	118-1	2812140	2821986	2819620	2817916	0.18	cps
Titanium	47-1	2855506	2865660	2821305	2847490	0.82	cps
Uranium	238-1	8923914	8744078	8884981	8850991	1.07	cps
Vanadium	51-2	397776	397678	395709	397054	0.29	cps
Yttrium	89-1	7411328	7470356	7442904	7441529	0.40	cps
Yttrium	89-2	324304	323794	325494	324531	0.27	cps
Zinc	66-2	184391	183559	184830	184260	0.35	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV39	Instrumnet Name :	P8
Client Sample ID :	CCV39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:19:18	DataFile Name :	023CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6392441	6348146	6289874	6343487	0.81	cps
Zirconium	91-1	1454283	1439264	1431957	1441835	0.79	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB39 Instrumnet Name : P8
 Client Sample ID : CCB39 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:26:41 DataFile Name : 024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	30	33	29	13.09	cps
Antimony	121-1	1634	2067	2600	2100	23.06	cps
Arsenic	75-2	4	2	17	7	109.03	cps
Barium	135-1	50	17	33	33	50.00	cps
Barium	137-1	50	67	58	58	14.29	cps
Beryllium	9-1	167	211	278	219	25.59	cps
Bismuth	209-1	4713276	4977511	5065258	4918682	3.72	cps
Bismuth	209-2	2137781	2112551	2092491	2114274	1.07	cps
Boron	10-1	2567	1984	2125	2225	13.68	cps
Boron	11-1	10579	10729	10221	10510	2.49	cps
Cadmium	111-1	1014	926	942	961	4.86	cps
Cadmium	106-1	1417	1292	1300	1336	5.23	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	292	350	333	325	9.25	cps
Calcium	44-1	22477	22110	22344	22310	0.83	cps
Chromium	52-2	657	573	610	613	6.81	cps
Cobalt	59-2	57	90	73	73	22.72	cps
Copper	63-2	787	817	777	793	2.62	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	50	42	17	36	48.03	cps
Erbium	164-2	3	20	7	10	88.20	cps
Gadolinium	160-1	75	42	50	56	31.22	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	7426003	7566901	7819764	7604223	2.62	cps
Holmium	165-2	2660865	2628425	2616824	2635372	0.87	cps
Indium	115-1	6488480	6810811	6896410	6731900	3.20	cps
Indium	115-2	450772	446096	443153	446674	0.86	cps
Iron	56-2	1789	1734	1728	1750	1.93	cps
Iron	57-2	72	61	50	61	18.18	cps
Krypton	83-1	420	523	383	442	16.42	cps
Lead	206-1	550	489	594	544	9.73	cps
Lead	207-1	539	450	461	483	10.02	cps
Lead	208-1	2350	2050	2045	2148	8.14	cps
Lithium	6-1	1810244	1895346	1912473	1872688	2.92	cps
Magnesium	24-2	225	150	325	233	37.63	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:26:41	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	10	37	22	60.63	cps
Molybdenum	94-1	742	625	725	697	9.05	cps
Molybdenum	95-1	800	625	825	750	14.53	cps
Molybdenum	96-1	908	758	900	856	9.85	cps
Molybdenum	97-1	625	492	433	517	19.02	cps
Molybdenum	98-1	1442	1108	1008	1186	19.13	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	50	60	52	13.28	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4092	4393	3967	4151	5.26	cps
Rhodium	103-1	6412060	6645900	6778881	6612280	2.81	cps
Rhodium	103-2	2350842	2340270	2325537	2338883	0.54	cps
Scandium	45-1	4687564	4825153	4930304	4814340	2.53	cps
Scandium	45-2	49320	48213	48249	48594	1.29	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	52	-89	54	6	1481.11	cps
Silicon	28-1	276885	278330	274159	276458	0.77	cps
Silver	109-1	1417	1292	1183	1297	9.00	cps
Silver	107-1	1458	1534	1333	1442	7.01	cps
Sodium	23-2	15342	15734	15025	15367	2.31	cps
Strontium	86-1	883	725	617	742	18.08	cps
Strontium	88-1	100	250	75	142	66.81	cps
Sulfur	34-1	382661	384208	378759	381876	0.74	cps
Terbium	159-1	7865533	8157124	8308605	8110421	2.78	cps
Terbium	159-2	2695519	2624749	2590671	2636980	2.03	cps
Thallium	203-1	883	692	950	842	15.93	cps
Thallium	205-1	2100	2267	2234	2200	4.01	cps
Tin	118-1	467	458	408	444	7.10	cps
Titanium	47-1	125	108	133	122	10.41	cps
Uranium	238-1	42	75	67	61	28.38	cps
Vanadium	51-2	3	7	17	9	78.08	cps
Yttrium	89-1	6946119	7252921	7379469	7192836	3.10	cps
Yttrium	89-2	329333	326579	325704	327205	0.58	cps
Zinc	66-2	63	107	93	88	25.29	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB39	Instrumnet Name :	P8
Client Sample ID :	CCB39	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:26:41	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	792	658	725	725	9.20	cps
Zirconium	91-1	142	167	167	158	9.12	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	225	210	206	10.47	cps
Antimony	121-1	16419	17187	17320	16975	2.87	cps
Arsenic	75-2	148	135	141	141	4.60	cps
Barium	135-1	16144	16895	15852	16297	3.30	cps
Barium	137-1	29158	28782	29133	29025	0.72	cps
Beryllium	9-1	1939	1811	1900	1884	3.48	cps
Bismuth	209-1	4665027	4614187	4838335	4705850	2.50	cps
Bismuth	209-2	2141967	2115679	2114867	2124171	0.73	cps
Boron	10-1	5135	5601	5501	5412	4.54	cps
Boron	11-1	26984	27235	28003	27408	1.94	cps
Cadmium	111-1	2826	2945	3064	2945	4.05	cps
Cadmium	106-1	1475	1517	1675	1556	6.78	cps
Cadmium	108-1	129	125	125	126	1.90	cps
Calcium	43-1	11655	11764	11622	11680	0.63	cps
Calcium	44-1	202997	202095	199549	201547	0.89	cps
Chromium	52-2	2914	3054	2977	2981	2.35	cps
Cobalt	59-2	2330	2334	2230	2298	2.56	cps
Copper	63-2	4761	4894	4804	4820	1.41	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	75	33	33	47	50.95	cps
Erbium	164-2	13	27	3	14	81.07	cps
Gadolinium	160-1	58	75	33	56	37.75	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	7285581	7290504	7616381	7397489	2.56	cps
Holmium	165-2	2685970	2632355	2581910	2633412	1.98	cps
Indium	115-1	6404956	6344852	6607184	6452331	2.13	cps
Indium	115-2	449967	450008	434849	444942	1.96	cps
Iron	56-2	41339	41250	42983	41858	2.33	cps
Iron	57-2	967	1028	945	980	4.41	cps
Krypton	83-1	413	410	377	400	5.07	cps
Lead	206-1	5246	5212	5223	5227	0.32	cps
Lead	207-1	4901	4784	4801	4829	1.31	cps
Lead	208-1	21608	21035	21413	21352	1.36	cps
Lithium	6-1	1786803	1763619	1870195	1806872	3.10	cps
Magnesium	24-2	21609	21826	22193	21876	1.35	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	360	327	347	344	4.87	cps
Molybdenum	94-1	15643	15501	15643	15596	0.52	cps
Molybdenum	95-1	19490	18997	18739	19075	2.00	cps
Molybdenum	96-1	20959	21184	21000	21048	0.57	cps
Molybdenum	97-1	11781	11163	11564	11503	2.72	cps
Molybdenum	98-1	29767	30452	29450	29889	1.71	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	750	790	763	768	2.65	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	15559	15559	15726	15615	0.62	cps
Rhodium	103-1	6212350	6175425	6490855	6292877	2.74	cps
Rhodium	103-2	2353218	2342309	2249593	2315040	2.46	cps
Scandium	45-1	4633955	4560113	4770243	4654770	2.29	cps
Scandium	45-2	48781	48848	48537	48722	0.34	cps
Selenium	77-2	0	7	7	4	86.60	cps
Selenium	78-2	19	11	28	19	43.64	cps
Selenium	82-1	657	662	732	684	6.15	cps
Silicon	28-1	348702	351243	348922	349622	0.40	cps
Silver	109-1	9754	9729	9687	9723	0.35	cps
Silver	107-1	10396	10613	9962	10324	3.21	cps
Sodium	23-2	62823	61542	61299	61888	1.32	cps
Strontium	86-1	3134	3217	3226	3192	1.59	cps
Strontium	88-1	21342	21092	21418	21284	0.80	cps
Sulfur	34-1	386897	385477	385316	385897	0.23	cps
Terbium	159-1	7564694	7564094	7991519	7706769	3.20	cps
Terbium	159-2	2679900	2637778	2596556	2638078	1.58	cps
Thallium	203-1	6485	6610	6369	6488	1.86	cps
Thallium	205-1	15485	15018	15435	15313	1.68	cps
Tin	118-1	28448	27913	27763	28041	1.28	cps
Titanium	47-1	5701	5810	6102	5871	3.53	cps
Uranium	238-1	17897	17204	17814	17638	2.14	cps
Vanadium	51-2	3707	3981	3797	3828	3.64	cps
Yttrium	89-1	6951871	6715191	7207794	6958285	3.54	cps
Yttrium	89-2	329845	327928	320714	326162	1.48	cps
Zinc	66-2	623	540	627	597	8.23	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:30:03	DataFile Name :	025LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13332	13724	13224	13427	1.96	cps
Zirconium	91-1	2992	2834	2700	2842	5.14	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : PB114198BL Instrumnet Name : P8
 Client Sample ID : PB114198BL Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:33:25 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	35	33	31	16.87	cps
Antimony	121-1	342	392	475	403	16.72	cps
Arsenic	75-2	6	13	13	10	40.72	cps
Barium	135-1	25	17	17	19	24.73	cps
Barium	137-1	67	42	42	50	28.87	cps
Beryllium	9-1	139	161	178	159	12.25	cps
Bismuth	209-1	5344246	5416753	5280861	5347286	1.27	cps
Bismuth	209-2	2194247	2339669	2220560	2251492	3.44	cps
Boron	10-1	1417	1675	1667	1586	9.26	cps
Boron	11-1	7702	7252	6827	7260	6.03	cps
Cadmium	111-1	1065	1101	1042	1069	2.81	cps
Cadmium	106-1	1500	1542	1467	1503	2.50	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	367	325	283	325	12.82	cps
Calcium	44-1	21209	22018	21184	21470	2.21	cps
Chromium	52-2	483	517	517	506	3.81	cps
Cobalt	59-2	90	80	80	83	6.93	cps
Copper	63-2	627	657	733	672	8.18	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	33	42	31	41.66	cps
Erbium	164-2	7	7	0	4	86.60	cps
Gadolinium	160-1	67	58	33	53	32.88	cps
Gadolinium	160-2	7	3	10	7	50.03	cps
Holmium	165-1	8315190	8398763	8177646	8297199	1.35	cps
Holmium	165-2	2765374	2967737	2779749	2837620	3.98	cps
Indium	115-1	7445043	7278976	7299422	7341147	1.23	cps
Indium	115-2	471401	501120	465133	479218	4.01	cps
Iron	56-2	1561	1689	1978	1743	12.25	cps
Iron	57-2	33	44	33	37	17.33	cps
Krypton	83-1	443	423	473	447	5.63	cps
Lead	206-1	539	589	567	565	4.44	cps
Lead	207-1	411	539	461	470	13.69	cps
Lead	208-1	2256	2472	2311	2346	4.80	cps
Lithium	6-1	2008020	2022142	2000700	2010287	0.54	cps
Magnesium	24-2	300	233	283	272	12.74	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BL	Instrumnet Name :	P8
Client Sample ID :	PB114198BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:33:25	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	27	37	31	16.37	cps
Molybdenum	94-1	350	342	408	367	9.91	cps
Molybdenum	95-1	192	208	200	200	4.17	cps
Molybdenum	96-1	333	233	267	278	18.33	cps
Molybdenum	97-1	142	125	175	147	17.29	cps
Molybdenum	98-1	358	317	392	356	10.57	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	27	43	47	39	27.55	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	3926	4192	3942	4020	3.72	cps
Rhodium	103-1	7312887	7227013	7147121	7229007	1.15	cps
Rhodium	103-2	2458327	2616682	2440965	2505325	3.86	cps
Scandium	45-1	5269264	5230995	5188755	5229671	0.77	cps
Scandium	45-2	51377	54811	50865	52351	4.10	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	6	54	-54	2	2356.12	cps
Silicon	28-1	245318	243442	243657	244139	0.42	cps
Silver	109-1	883	742	733	786	10.72	cps
Silver	107-1	850	833	900	861	4.03	cps
Sodium	23-2	14032	14191	14341	14188	1.09	cps
Strontium	86-1	783	550	742	692	17.99	cps
Strontium	88-1	192	75	92	119	52.83	cps
Sulfur	34-1	388339	381974	388527	386280	0.97	cps
Terbium	159-1	8845747	8933817	8664667	8814744	1.56	cps
Terbium	159-2	2747645	2975313	2762224	2828394	4.51	cps
Thallium	203-1	583	625	733	647	11.96	cps
Thallium	205-1	1542	1492	1342	1459	7.14	cps
Tin	118-1	367	283	308	319	13.39	cps
Titanium	47-1	83	175	125	128	35.92	cps
Uranium	238-1	33	33	17	28	34.63	cps
Vanadium	51-2	7	3	13	8	65.47	cps
Yttrium	89-1	8020408	7816709	7903716	7913611	1.29	cps
Yttrium	89-2	340693	365148	340790	348877	4.04	cps
Zinc	66-2	137	120	107	121	12.41	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BL	Instrumnet Name :	P8
Client Sample ID :	PB114198BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:33:25	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	692	383	733	603	31.72	cps
Zirconium	91-1	125	183	200	169	23.24	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	93044	93310	92659	93004	0.35	cps
Antimony	121-1	3996687	4005208	4014247	4005381	0.22	cps
Arsenic	75-2	62038	61681	61925	61882	0.29	cps
Barium	135-1	4228109	4204367	4199786	4210754	0.36	cps
Barium	137-1	7186742	7223444	7251542	7220576	0.45	cps
Beryllium	9-1	795740	792996	806033	798256	0.86	cps
Bismuth	209-1	5031264	5017378	4462512	4837051	6.71	cps
Bismuth	209-2	2052551	2068749	2063594	2061631	0.40	cps
Boron	10-1	78037	81858	86862	82253	5.38	cps
Boron	11-1	388592	406501	417830	404307	3.65	cps
Cadmium	111-1	912734	923168	928006	921303	0.85	cps
Cadmium	106-1	93884	94741	94942	94522	0.59	cps
Cadmium	108-1	65709	65270	66911	65963	1.29	cps
Calcium	43-1	1132350	1126584	1139505	1132813	0.57	cps
Calcium	44-1	18266453	18258351	18356977	18293927	0.30	cps
Chromium	52-2	537289	531465	528812	532522	0.81	cps
Cobalt	59-2	1077682	1072843	1073491	1074672	0.24	cps
Copper	63-2	1921799	1906353	1887009	1905054	0.92	cps
Dysprosium	156-1	42	50	58	50	16.67	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	75	42	50	56	31.22	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	58	50	42	50	16.67	cps
Gadolinium	160-2	0	10	10	7	86.60	cps
Holmium	165-1	8186810	8084194	7143601	7804868	7.37	cps
Holmium	165-2	2627270	2661832	2648953	2646018	0.66	cps
Indium	115-1	6961907	6963223	6009000	6644710	8.29	cps
Indium	115-2	431072	432987	435580	433213	0.52	cps
Iron	56-2	19219962	19102375	18995057	19105798	0.59	cps
Iron	57-2	476079	474689	473067	474612	0.32	cps
Krypton	83-1	427	397	430	418	4.39	cps
Lead	206-1	2329398	2282791	2331915	2314701	1.20	cps
Lead	207-1	2139475	2135387	2153909	2142924	0.45	cps
Lead	208-1	9458825	9429626	9563725	9484059	0.74	cps
Lithium	6-1	1929495	1946846	1743959	1873433	6.00	cps
Magnesium	24-2	2135288	2107911	2092774	2111991	1.02	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	327205	326014	323839	325686	0.52	cps
Molybdenum	94-1	7361518	7341844	7522024	7408462	1.33	cps
Molybdenum	95-1	9011719	8914004	9073192	8999638	0.89	cps
Molybdenum	96-1	9976511	9939235	10111256	10009001	0.90	cps
Molybdenum	97-1	5691789	5645197	5792141	5709709	1.32	cps
Molybdenum	98-1	14488902	14510608	14807995	14602502	1.22	cps
Neodymium	150-1	173	153	127	151	15.49	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	321604	321702	323478	322261	0.33	cps
Phosphorus	31-2	6527	6977	6794	6766	3.35	cps
Potassium	39-2	575899	576057	562610	571522	1.35	cps
Rhodium	103-1	6801049	6637145	5875198	6437797	7.67	cps
Rhodium	103-2	2248563	2253885	2224120	2242189	0.71	cps
Scandium	45-1	5111856	5031519	4423437	4855604	7.75	cps
Scandium	45-2	48891	49460	48651	49001	0.85	cps
Selenium	77-2	507	483	490	493	2.44	cps
Selenium	78-2	1737	1819	1754	1770	2.43	cps
Selenium	82-1	59164	60143	60237	59848	0.99	cps
Silicon	28-1	2765809	2775122	2837377	2792769	1.39	cps
Silver	109-1	4298016	4342556	4402407	4347660	1.20	cps
Silver	107-1	4652606	4558991	4670749	4627449	1.30	cps
Sodium	23-2	4686938	4684484	4631798	4667740	0.67	cps
Strontium	86-1	1128934	1129482	1147569	1135328	0.93	cps
Strontium	88-1	9814778	9803138	9888737	9835551	0.47	cps
Sulfur	34-1	694134	694421	690473	693009	0.32	cps
Terbium	159-1	8609776	8480801	7389466	8160014	8.22	cps
Terbium	159-2	2661830	2675065	2635361	2657419	0.76	cps
Thallium	203-1	2842711	2862735	2924020	2876489	1.47	cps
Thallium	205-1	6708765	6760275	6823648	6764229	0.85	cps
Tin	118-1	2773194	2768996	2770872	2771021	0.08	cps
Titanium	47-1	2769761	2729212	2775208	2758060	0.91	cps
Uranium	238-1	8683726	8712211	8843874	8746603	0.98	cps
Vanadium	51-2	384855	381554	382718	383042	0.44	cps
Yttrium	89-1	7727479	7627535	6586986	7314000	8.64	cps
Yttrium	89-2	322606	325287	324304	324066	0.42	cps
Zinc	66-2	184627	184206	184831	184555	0.17	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	PB114198BS	Instrumnet Name :	P8
Client Sample ID :	PB114198BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:36:47	DataFile Name :	027LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6153240	6137061	6177300	6155867	0.33	cps
Zirconium	91-1	1374478	1363554	1383863	1373965	0.74	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	261345	263634	258809	261263	0.92	cps
Antimony	121-1	3392	3592	3742	3576	4.91	cps
Arsenic	75-2	1752	1915	1878	1848	4.62	cps
Barium	135-1	218848	220651	221849	220449	0.69	cps
Barium	137-1	375851	382837	386465	381718	1.41	cps
Beryllium	9-1	4101	3834	4128	4021	4.04	cps
Bismuth	209-1	4891013	4858638	4814829	4854827	0.79	cps
Bismuth	209-2	2001740	1969638	2085988	2019122	2.98	cps
Boron	10-1	7369	7394	6794	7185	4.73	cps
Boron	11-1	37107	33599	32554	34420	6.93	cps
Cadmium	111-1	2310	2226	2125	2220	4.17	cps
Cadmium	106-1	2409	2309	2125	2281	6.30	cps
Cadmium	108-1	288	242	221	250	13.64	cps
Calcium	43-1	92890	93989	95129	94002	1.19	cps
Calcium	44-1	1544572	1567867	1549082	1553840	0.80	cps
Chromium	52-2	812355	820783	813977	815705	0.55	cps
Cobalt	59-2	192453	193239	192844	192845	0.20	cps
Copper	63-2	211622	210640	211286	211183	0.24	cps
Dysprosium	156-1	121545	121951	125305	122934	1.68	cps
Dysprosium	156-2	39118	38640	37450	38403	2.24	cps
Erbium	164-1	89583	89473	90716	89924	0.77	cps
Erbium	164-2	27736	27907	27509	27717	0.72	cps
Gadolinium	160-1	113205	112945	114626	113592	0.80	cps
Gadolinium	160-2	46145	45780	45369	45765	0.85	cps
Holmium	165-1	7709909	7792800	7753232	7751980	0.53	cps
Holmium	165-2	2572708	2513337	2724428	2603491	4.18	cps
Indium	115-1	6749718	6661070	6685612	6698800	0.68	cps
Indium	115-2	426952	424882	448937	433590	3.07	cps
Iron	56-2	84546324	84702480	84023602	84424135	0.42	cps
Iron	57-2	2142905	2152808	2132160	2142624	0.48	cps
Krypton	83-1	587	567	463	539	12.28	cps
Lead	206-1	241421	239061	245619	242034	1.37	cps
Lead	207-1	198847	201053	200332	200077	0.56	cps
Lead	208-1	941480	943143	945954	943526	0.24	cps
Lithium	6-1	1892472	1891459	1871543	1885158	0.63	cps
Magnesium	24-2	800525	797835	792178	796846	0.53	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	345307	350109	342288	345901	1.14	cps
Molybdenum	94-1	120398	123844	126267	123503	2.39	cps
Molybdenum	95-1	7269	7144	6952	7122	2.24	cps
Molybdenum	96-1	28698	27504	28639	28280	2.38	cps
Molybdenum	97-1	4501	4709	4484	4565	2.75	cps
Molybdenum	98-1	11998	11355	11255	11536	3.49	cps
Neodymium	150-1	216959	218117	223432	219503	1.57	cps
Neodymium	150-2	44970	45669	44281	44973	1.54	cps
Nickel	60-2	365416	363787	361778	363660	0.50	cps
Phosphorus	31-2	1342	1183	1233	1253	6.46	cps
Potassium	39-2	111018	113235	110752	111668	1.22	cps
Rhodium	103-1	6494519	6526900	6479782	6500400	0.37	cps
Rhodium	103-2	2229702	2180285	2338380	2249456	3.60	cps
Scandium	45-1	4970649	4964844	4932397	4955963	0.42	cps
Scandium	45-2	48571	48507	51471	49516	3.42	cps
Selenium	77-2	180	257	297	244	24.26	cps
Selenium	78-2	107	119	83	103	17.45	cps
Selenium	82-1	128	201	290	206	39.21	cps
Silicon	28-1	15625586	14858812	14950909	15145102	2.76	cps
Silver	109-1	24481	24339	23505	24108	2.19	cps
Silver	107-1	26602	26143	24841	25862	3.53	cps
Sodium	23-2	151750	152365	150809	151642	0.52	cps
Strontium	86-1	69075	70960	70977	70337	1.55	cps
Strontium	88-1	592656	600546	601397	598200	0.81	cps
Sulfur	34-1	356420	355597	351152	354390	0.80	cps
Terbium	159-1	8254871	8177689	8254314	8228958	0.54	cps
Terbium	159-2	2556028	2517918	2717273	2597073	4.07	cps
Thallium	203-1	2700	2942	2600	2748	6.39	cps
Thallium	205-1	6385	6469	6160	6338	2.52	cps
Tin	118-1	7477	7553	7127	7386	3.07	cps
Titanium	47-1	862828	865591	871985	866801	0.54	cps
Uranium	238-1	59269	59125	59771	59388	0.57	cps
Vanadium	51-2	80684	81063	81069	80939	0.27	cps
Yttrium	89-1	8521600	8553166	8598546	8557771	0.45	cps
Yttrium	89-2	371377	369678	392041	377698	3.30	cps
Zinc	66-2	37123	36598	36191	36637	1.28	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:39:59	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	323061	328258	330728	327349	1.20	cps
Zirconium	91-1	72937	71832	75468	73412	2.54	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02DUP Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20DUP Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:43:19 DataFile Name : 029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	253185	253759	251446	252797	0.48	cps
Antimony	121-1	1559	1534	1584	1559	1.60	cps
Arsenic	75-2	1785	1806	1808	1800	0.69	cps
Barium	135-1	207588	211667	211380	210212	1.08	cps
Barium	137-1	362073	366971	364100	364381	0.68	cps
Beryllium	9-1	3834	3778	3634	3749	2.75	cps
Bismuth	209-1	4733060	4788513	4886423	4802665	1.62	cps
Bismuth	209-2	1992939	1980024	2001362	1991441	0.54	cps
Boron	10-1	4826	4709	5143	4893	4.58	cps
Boron	11-1	23203	22861	24755	23606	4.28	cps
Cadmium	111-1	2154	2089	2272	2172	4.25	cps
Cadmium	106-1	2325	2225	2342	2298	2.75	cps
Cadmium	108-1	200	258	204	221	14.74	cps
Calcium	43-1	91692	90197	91985	91291	1.05	cps
Calcium	44-1	1501496	1516945	1540061	1519500	1.28	cps
Chromium	52-2	707969	708546	711147	709220	0.24	cps
Cobalt	59-2	175925	174339	175270	175178	0.46	cps
Copper	63-2	201211	200551	201898	201220	0.33	cps
Dysprosium	156-1	111474	112827	112152	112151	0.60	cps
Dysprosium	156-2	35271	36223	36076	35857	1.43	cps
Erbium	164-1	85162	83283	86681	85042	2.00	cps
Erbium	164-2	26738	26287	25909	26311	1.58	cps
Gadolinium	160-1	104585	104600	105491	104892	0.49	cps
Gadolinium	160-2	42844	41981	41472	42099	1.65	cps
Holmium	165-1	7623165	7736645	7814787	7724865	1.25	cps
Holmium	165-2	2539060	2596153	2524365	2553193	1.49	cps
Indium	115-1	6536586	6561689	6723625	6607300	1.54	cps
Indium	115-2	427975	426136	426133	426748	0.25	cps
Iron	56-2	80058718	79412535	79183027	79551427	0.57	cps
Iron	57-2	2023758	2048276	2013074	2028369	0.89	cps
Krypton	83-1	530	517	543	530	2.51	cps
Lead	206-1	239092	235847	237207	237382	0.69	cps
Lead	207-1	196443	198488	196224	197052	0.63	cps
Lead	208-1	924278	921280	922254	922604	0.17	cps
Lithium	6-1	1878574	1904679	1920221	1901158	1.11	cps
Magnesium	24-2	782716	784767	788436	785306	0.37	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:43:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	337426	339505	338238	338390	0.31	cps
Molybdenum	94-1	120472	118077	118816	119122	1.03	cps
Molybdenum	95-1	6227	6760	6268	6418	4.62	cps
Molybdenum	96-1	27504	26335	26377	26738	2.48	cps
Molybdenum	97-1	3967	3717	3676	3787	4.17	cps
Molybdenum	98-1	9796	9212	10071	9693	4.52	cps
Neodymium	150-1	199419	201270	199047	199912	0.60	cps
Neodymium	150-2	41332	40767	41539	41212	0.97	cps
Nickel	60-2	328724	328871	331294	329630	0.44	cps
Phosphorus	31-2	1125	1483	1042	1217	19.29	cps
Potassium	39-2	108474	109247	106274	107998	1.43	cps
Rhodium	103-1	6451406	6494405	6614129	6519980	1.29	cps
Rhodium	103-2	2188542	2210088	2173509	2190713	0.84	cps
Scandium	45-1	4916738	4976463	5126662	5006621	2.16	cps
Scandium	45-2	48848	48985	48520	48784	0.49	cps
Selenium	77-2	310	173	180	221	34.85	cps
Selenium	78-2	102	128	111	114	11.57	cps
Selenium	82-1	213	198	184	198	7.41	cps
Silicon	28-1	12808397	12779520	13008392	12865437	0.97	cps
Silver	109-1	16119	16861	16736	16572	2.40	cps
Silver	107-1	17779	18130	17128	17679	2.87	cps
Sodium	23-2	147389	148577	146033	147333	0.86	cps
Strontium	86-1	67367	65735	66094	66398	1.29	cps
Strontium	88-1	571813	575956	580858	576209	0.79	cps
Sulfur	34-1	337312	335666	333372	335450	0.59	cps
Terbium	159-1	8022629	8001882	8205446	8076652	1.39	cps
Terbium	159-2	2534784	2564732	2556776	2552097	0.61	cps
Thallium	203-1	2267	2100	2234	2200	4.01	cps
Thallium	205-1	5035	5293	5235	5187	2.61	cps
Tin	118-1	6502	6669	6652	6607	1.39	cps
Titanium	47-1	806916	818763	814261	813313	0.74	cps
Uranium	238-1	56111	55944	57091	56382	1.10	cps
Vanadium	51-2	75958	76963	76608	76510	0.67	cps
Yttrium	89-1	8357295	8370563	8549676	8425845	1.28	cps
Yttrium	89-2	369819	371452	372153	371142	0.32	cps
Zinc	66-2	35258	35449	36034	35580	1.14	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUP	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:43:19	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	319625	318898	321092	319872	0.35	cps
Zirconium	91-1	72527	69930	71882	71446	1.89	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52484	53360	53450	53098	1.01	cps
Antimony	121-1	517	533	742	597	20.99	cps
Arsenic	75-2	378	326	369	357	7.74	cps
Barium	135-1	42335	42093	42243	42224	0.29	cps
Barium	137-1	74887	73965	74217	74357	0.64	cps
Beryllium	9-1	883	1039	895	939	9.24	cps
Bismuth	209-1	4889961	4853979	4916126	4886689	0.64	cps
Bismuth	209-2	2055305	2042448	2112234	2069996	1.79	cps
Boron	10-1	1975	2217	2217	2136	6.53	cps
Boron	11-1	11163	11296	10988	11149	1.39	cps
Cadmium	111-1	1333	1225	1130	1229	8.28	cps
Cadmium	106-1	1734	1542	1442	1572	9.43	cps
Cadmium	108-1	38	42	54	44	19.52	cps
Calcium	43-1	18939	19406	18805	19050	1.66	cps
Calcium	44-1	322628	322139	319121	321296	0.59	cps
Chromium	52-2	161721	165640	166368	164576	1.52	cps
Cobalt	59-2	38918	39198	39757	39291	1.09	cps
Copper	63-2	41907	43762	44913	43527	3.48	cps
Dysprosium	156-1	23998	23664	23981	23881	0.79	cps
Dysprosium	156-2	7412	7799	7906	7706	3.37	cps
Erbium	164-1	17779	17654	18030	17821	1.07	cps
Erbium	164-2	5315	5375	5501	5397	1.77	cps
Gadolinium	160-1	22637	22261	21394	22097	2.89	cps
Gadolinium	160-2	9293	9604	9404	9434	1.67	cps
Holmium	165-1	7754206	7797788	7805925	7785973	0.36	cps
Holmium	165-2	2579830	2603352	2646741	2609974	1.30	cps
Indium	115-1	6810054	6804201	6796549	6803601	0.10	cps
Indium	115-2	444439	436752	447887	443026	1.29	cps
Iron	56-2	16896520	17404140	17288878	17196512	1.55	cps
Iron	57-2	422546	435510	432442	430166	1.57	cps
Krypton	83-1	443	437	483	454	5.55	cps
Lead	206-1	48014	47540	45912	47155	2.34	cps
Lead	207-1	39222	40125	39980	39776	1.22	cps
Lead	208-1	184534	184671	184904	184703	0.10	cps
Lithium	6-1	1891834	1860658	1915795	1889429	1.46	cps
Magnesium	24-2	159080	162283	164094	161819	1.57	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	68356	71023	71090	70156	2.22	cps
Molybdenum	94-1	24665	25216	24064	24648	2.34	cps
Molybdenum	95-1	1358	1375	1408	1381	1.84	cps
Molybdenum	96-1	5343	5368	5510	5407	1.66	cps
Molybdenum	97-1	1025	833	883	914	10.88	cps
Molybdenum	98-1	2234	2159	2100	2164	3.09	cps
Neodymium	150-1	42971	42523	42483	42659	0.64	cps
Neodymium	150-2	8633	9350	8937	8973	4.01	cps
Nickel	60-2	73369	74417	74475	74087	0.84	cps
Phosphorus	31-2	242	233	275	250	8.82	cps
Potassium	39-2	24739	25850	25257	25282	2.20	cps
Rhodium	103-1	6610466	6704950	6583435	6632950	0.96	cps
Rhodium	103-2	2300253	2291424	2338940	2310206	1.09	cps
Scandium	45-1	4890399	4920347	4930054	4913600	0.42	cps
Scandium	45-2	48577	48493	49126	48732	0.70	cps
Selenium	77-2	37	47	43	42	12.06	cps
Selenium	78-2	26	28	17	23	25.37	cps
Selenium	82-1	25	74	69	56	48.80	cps
Silicon	28-1	3476007	3302311	3227003	3335107	3.83	cps
Silver	109-1	5952	5752	5543	5749	3.55	cps
Silver	107-1	6235	6218	5827	6093	3.79	cps
Sodium	23-2	41470	43168	41411	42016	2.38	cps
Strontium	86-1	14617	13841	13974	14144	2.93	cps
Strontium	88-1	119092	116620	115157	116956	1.70	cps
Sulfur	34-1	326175	328140	327480	327265	0.31	cps
Terbium	159-1	8249181	8133730	8061542	8148151	1.16	cps
Terbium	159-2	2589294	2609867	2648520	2615894	1.15	cps
Thallium	203-1	783	717	725	742	4.90	cps
Thallium	205-1	2000	1909	1842	1917	4.15	cps
Tin	118-1	1834	2352	1617	1934	19.54	cps
Titanium	47-1	173014	172982	170307	172101	0.90	cps
Uranium	238-1	11339	11364	10930	11211	2.17	cps
Vanadium	51-2	15926	16109	16296	16111	1.15	cps
Yttrium	89-1	7765060	7573166	7647647	7661958	1.26	cps
Yttrium	89-2	336903	334814	342204	337974	1.13	cps
Zinc	66-2	7692	7662	7886	7747	1.57	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20L	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 19:46:39	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	64755	64311	62286	63784	2.06	cps
Zirconium	91-1	13783	15343	14450	14525	5.39	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:50:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359128	363649	364942	362573	0.84	cps
Antimony	121-1	1997222	2028275	2024271	2016589	0.84	cps
Arsenic	75-2	57333	57846	58769	57983	1.25	cps
Barium	135-1	4197558	4273460	4286275	4252431	1.13	cps
Barium	137-1	7173158	7332188	7270136	7258494	1.10	cps
Beryllium	9-1	774207	782601	786431	781079	0.80	cps
Bismuth	209-1	4748160	4703148	4820321	4757210	1.24	cps
Bismuth	209-2	1961360	1845691	1592176	1799743	10.49	cps
Boron	10-1	80777	83711	85865	83451	3.06	cps
Boron	11-1	403003	413826	432030	416286	3.52	cps
Cadmium	111-1	865769	877368	877194	873444	0.76	cps
Cadmium	106-1	90855	92617	90906	91459	1.10	cps
Cadmium	108-1	60820	61799	62222	61614	1.17	cps
Calcium	43-1	1143348	1147459	1157538	1149448	0.64	cps
Calcium	44-1	18493136	18497691	18823326	18604718	1.02	cps
Chromium	52-2	593536	596610	607309	599152	1.21	cps
Cobalt	59-2	1102433	1112369	1122341	1112381	0.89	cps
Copper	63-2	1984918	1984027	1997789	1988911	0.39	cps
Dysprosium	156-1	62458	63890	62978	63109	1.15	cps
Dysprosium	156-2	21104	21394	21341	21280	0.73	cps
Erbium	164-1	55143	53453	56868	55155	3.10	cps
Erbium	164-2	16871	17432	17195	17166	1.64	cps
Gadolinium	160-1	61529	62668	61965	62054	0.93	cps
Gadolinium	160-2	25859	25789	26350	25999	1.18	cps
Holmium	165-1	7686429	7770814	7785605	7747616	0.69	cps
Holmium	165-2	2582559	2393273	2085581	2353805	10.66	cps
Indium	115-1	6421177	6452052	6629615	6500948	1.73	cps
Indium	115-2	415807	389902	336174	380628	10.67	cps
Iron	56-2	62507717	63337081	63436889	63093895	0.81	cps
Iron	57-2	1591669	1601962	1628022	1607218	1.17	cps
Krypton	83-1	440	537	513	497	10.16	cps
Lead	206-1	2462975	2458811	2513672	2478486	1.23	cps
Lead	207-1	2158016	2186163	2185519	2176566	0.74	cps
Lead	208-1	9860465	9872260	9955154	9895960	0.52	cps
Lithium	6-1	1851437	1859836	1865144	1858806	0.37	cps
Magnesium	24-2	2703812	2754876	2779583	2746090	1.41	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:50:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	721478	726518	732045	726681	0.73	cps
Molybdenum	94-1	6920075	7111804	7142528	7058136	1.71	cps
Molybdenum	95-1	8240941	8207478	8350179	8266199	0.90	cps
Molybdenum	96-1	9147187	9216595	9388202	9250661	1.34	cps
Molybdenum	97-1	5127897	5201151	5302346	5210465	1.68	cps
Molybdenum	98-1	13062218	13332242	13332391	13242284	1.18	cps
Neodymium	150-1	106187	107491	108452	107377	1.06	cps
Neodymium	150-2	22499	22453	22700	22551	0.58	cps
Nickel	60-2	437588	439826	443294	440236	0.65	cps
Phosphorus	31-2	533	608	550	564	6.98	cps
Potassium	39-2	660927	675329	677598	671285	1.35	cps
Rhodium	103-1	6270675	6397706	6439163	6369182	1.38	cps
Rhodium	103-2	2145376	2015418	1746754	1969183	10.32	cps
Scandium	45-1	4837935	4942371	4962337	4914215	1.36	cps
Scandium	45-2	48738	45829	40530	45032	9.24	cps
Selenium	77-2	563	567	657	596	8.89	cps
Selenium	78-2	1669	1656	1646	1657	0.67	cps
Selenium	82-1	52059	51743	52644	52149	0.88	cps
Silicon	28-1	8805152	8737822	8780967	8774647	0.39	cps
Silver	109-1	3949282	4006670	3947586	3967846	0.85	cps
Silver	107-1	4210578	4245850	4241118	4232515	0.45	cps
Sodium	23-2	4546290	4580319	4571674	4566095	0.39	cps
Strontium	86-1	1149486	1163341	1168612	1160480	0.85	cps
Strontium	88-1	10018482	10029613	10138821	10062305	0.66	cps
Sulfur	34-1	358538	356385	359670	358198	0.47	cps
Terbium	159-1	8029799	8108524	8146257	8094860	0.73	cps
Terbium	159-2	2550273	2395792	2090557	2345540	9.97	cps
Thallium	203-1	2746100	2792084	2784819	2774334	0.89	cps
Thallium	205-1	6518362	6504879	6664218	6562486	1.35	cps
Tin	118-1	2326410	2338558	2363449	2342806	0.81	cps
Titanium	47-1	3303272	3343166	3395042	3347160	1.37	cps
Uranium	238-1	8418559	8455007	8583265	8485610	1.02	cps
Vanadium	51-2	423911	426287	433874	428024	1.22	cps
Yttrium	89-1	7977767	7982574	8098398	8019580	0.85	cps
Yttrium	89-2	344987	326623	288541	320050	9.00	cps
Zinc	66-2	204483	205282	206704	205490	0.55	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MS	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:50:00	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6210942	6271116	6311500	6264519	0.81	cps
Zirconium	91-1	1401515	1398730	1424313	1408186	1.00	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MSD Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MSD Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 19:53:12 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	359319	357454	360164	358979	0.39	cps
Antimony	121-1	2105257	2086547	2098841	2096881	0.45	cps
Arsenic	75-2	55622	56206	56783	56204	1.03	cps
Barium	135-1	4224836	4252780	4307504	4261707	0.99	cps
Barium	137-1	7298509	7375275	7377780	7350521	0.61	cps
Beryllium	9-1	778651	790374	791323	786783	0.90	cps
Bismuth	209-1	4820633	4835317	4824206	4826719	0.16	cps
Bismuth	209-2	1939092	1979154	1975393	1964546	1.13	cps
Boron	10-1	84708	89361	90418	88163	3.45	cps
Boron	11-1	416243	432441	452022	433569	4.13	cps
Cadmium	111-1	870853	885670	879526	878683	0.85	cps
Cadmium	106-1	89253	91763	89866	90294	1.45	cps
Cadmium	108-1	61360	62457	62624	62147	1.10	cps
Calcium	43-1	1144978	1145768	1162844	1151197	0.88	cps
Calcium	44-1	18453712	18536161	18742561	18577478	0.80	cps
Chromium	52-2	596417	593324	595036	594926	0.26	cps
Cobalt	59-2	1095118	1089926	1087836	1090960	0.34	cps
Copper	63-2	1945518	1941705	1930080	1939101	0.41	cps
Dysprosium	156-1	64970	66746	65239	65652	1.46	cps
Dysprosium	156-2	21475	21227	21197	21300	0.71	cps
Erbium	164-1	57043	56491	57695	57076	1.06	cps
Erbium	164-2	17038	17272	17265	17192	0.77	cps
Gadolinium	160-1	65080	64595	66244	65306	1.30	cps
Gadolinium	160-2	25562	25655	26330	25849	1.62	cps
Holmium	165-1	7793818	7885712	7868162	7849231	0.62	cps
Holmium	165-2	2497399	2535450	2538576	2523808	0.91	cps
Indium	115-1	6541444	6550785	6615133	6569120	0.61	cps
Indium	115-2	403959	410678	413386	409341	1.19	cps
Iron	56-2	63102331	62932365	62847638	62960778	0.21	cps
Iron	57-2	1594168	1589849	1594185	1592734	0.16	cps
Krypton	83-1	507	503	490	500	1.76	cps
Lead	206-1	2506601	2527778	2533053	2522477	0.56	cps
Lead	207-1	2195875	2231838	2220073	2215929	0.83	cps
Lead	208-1	9987080	10143734	10091696	10074170	0.79	cps
Lithium	6-1	1854219	1854502	1862605	1857109	0.26	cps
Magnesium	24-2	2680770	2679765	2693711	2684748	0.29	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:53:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	709235	701337	704523	705032	0.56	cps
Molybdenum	94-1	7000651	7155120	7120767	7092179	1.14	cps
Molybdenum	95-1	8299662	8307377	8294444	8300494	0.08	cps
Molybdenum	96-1	9158354	9240772	9279142	9226089	0.67	cps
Molybdenum	97-1	5215349	5281286	5253543	5250060	0.63	cps
Molybdenum	98-1	13342942	13368693	13462964	13391533	0.47	cps
Neodymium	150-1	110260	112143	112324	111576	1.02	cps
Neodymium	150-2	22726	22787	22693	22735	0.21	cps
Nickel	60-2	436524	438643	437386	437518	0.24	cps
Phosphorus	31-2	583	617	667	622	6.74	cps
Potassium	39-2	650738	651962	653334	652012	0.20	cps
Rhodium	103-1	6371120	6339277	6314782	6341726	0.45	cps
Rhodium	103-2	2078971	2157673	2159738	2132127	2.16	cps
Scandium	45-1	4927712	4835954	4948978	4904215	1.22	cps
Scandium	45-2	47202	48497	47286	47662	1.52	cps
Selenium	77-2	570	550	557	559	1.82	cps
Selenium	78-2	1556	1556	1580	1564	0.89	cps
Selenium	82-1	51609	52437	52623	52223	1.03	cps
Silicon	28-1	13569421	13703676	13761877	13678325	0.72	cps
Silver	109-1	3950871	4036687	3957721	3981760	1.20	cps
Silver	107-1	4198203	4275670	4241369	4238414	0.92	cps
Sodium	23-2	4440879	4429475	4489553	4453302	0.72	cps
Strontium	86-1	1153416	1169324	1169298	1164013	0.79	cps
Strontium	88-1	9922919	10157622	10088042	10056194	1.20	cps
Sulfur	34-1	357444	353523	353251	354739	0.66	cps
Terbium	159-1	8129561	8165322	8252310	8182398	0.77	cps
Terbium	159-2	2482907	2542231	2510699	2511945	1.18	cps
Thallium	203-1	2813334	2851383	2830951	2831889	0.67	cps
Thallium	205-1	6645712	6662780	6675064	6661185	0.22	cps
Tin	118-1	2329905	2357258	2346060	2344408	0.59	cps
Titanium	47-1	3359660	3375167	3401729	3378852	0.63	cps
Uranium	238-1	8687076	8686776	8860711	8744855	1.15	cps
Vanadium	51-2	418066	415534	418439	417346	0.38	cps
Yttrium	89-1	7926470	8027330	8015592	7989797	0.69	cps
Yttrium	89-2	338687	343599	340858	341048	0.72	cps
Zinc	66-2	200403	201795	203675	201957	0.81	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSD	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:53:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6293602	6277018	6262346	6277655	0.25	cps
Zirconium	91-1	1388562	1435874	1397535	1407324	1.79	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	363214	363462	370568	365748	1.14	cps
Antimony	121-1	2125107	2139689	2143501	2136099	0.45	cps
Arsenic	75-2	57244	57376	57919	57513	0.62	cps
Barium	135-1	4340747	4393846	4364225	4366273	0.61	cps
Barium	137-1	7416375	7488141	7537613	7480710	0.81	cps
Beryllium	9-1	792995	806423	806379	801933	0.97	cps
Bismuth	209-1	4917109	4766937	4893302	4859116	1.66	cps
Bismuth	209-2	2123215	2035471	1719684	1959456	10.83	cps
Boron	10-1	87482	90241	92447	90057	2.76	cps
Boron	11-1	431080	438578	457992	442550	3.14	cps
Cadmium	111-1	897042	899483	905484	900670	0.48	cps
Cadmium	106-1	92593	94120	94531	93748	1.09	cps
Cadmium	108-1	63101	63959	64441	63834	1.06	cps
Calcium	43-1	1163138	1168253	1174372	1168588	0.48	cps
Calcium	44-1	18871994	18860456	18876014	18869488	0.04	cps
Chromium	52-2	600465	603220	611678	605121	0.97	cps
Cobalt	59-2	1109797	1107656	1128066	1115173	1.01	cps
Copper	63-2	1966605	1971571	2010964	1983047	1.23	cps
Dysprosium	156-1	64837	65775	65858	65490	0.87	cps
Dysprosium	156-2	21949	21715	21712	21792	0.62	cps
Erbium	164-1	57628	58566	57654	57950	0.92	cps
Erbium	164-2	17879	17235	17749	17621	1.93	cps
Gadolinium	160-1	64829	65683	65357	65289	0.66	cps
Gadolinium	160-2	26076	25923	26417	26139	0.97	cps
Holmium	165-1	8040968	7700225	7899107	7880100	2.17	cps
Holmium	165-2	2700950	2590650	2201642	2497747	10.50	cps
Indium	115-1	6619074	6510087	6709918	6613026	1.51	cps
Indium	115-2	435232	421862	349291	402128	11.50	cps
Iron	56-2	63149060	63360236	64810007	63773101	1.42	cps
Iron	57-2	1599424	1610912	1632753	1614363	1.05	cps
Krypton	83-1	443	487	500	477	6.22	cps
Lead	206-1	2582077	2600011	2612726	2598272	0.59	cps
Lead	207-1	2263798	2301641	2315652	2293697	1.17	cps
Lead	208-1	10273147	10410143	10447670	10376986	0.89	cps
Lithium	6-1	1914946	1842794	1876463	1878068	1.92	cps
Magnesium	24-2	2734423	2739426	2763143	2745664	0.56	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	696383	700877	711899	703053	1.14	cps
Molybdenum	94-1	7170375	7218909	7227414	7205566	0.43	cps
Molybdenum	95-1	8390044	8505177	8512745	8469322	0.81	cps
Molybdenum	96-1	9422354	9534104	9527007	9494488	0.66	cps
Molybdenum	97-1	5354699	5383096	5446009	5394601	0.87	cps
Molybdenum	98-1	13723287	13697349	13769528	13730055	0.27	cps
Neodymium	150-1	112062	113097	114207	113122	0.95	cps
Neodymium	150-2	22837	23361	23234	23144	1.18	cps
Nickel	60-2	443084	444791	450948	446274	0.93	cps
Phosphorus	31-2	692	617	492	600	16.84	cps
Potassium	39-2	664188	664555	670366	666370	0.52	cps
Rhodium	103-1	6472341	6268285	6466815	6402480	1.82	cps
Rhodium	103-2	2263397	2173492	1819544	2085478	11.25	cps
Scandium	45-1	4966808	4853224	4908366	4909466	1.16	cps
Scandium	45-2	50715	48928	41745	47129	10.07	cps
Selenium	77-2	610	653	577	613	6.27	cps
Selenium	78-2	1582	1528	1565	1558	1.76	cps
Selenium	82-1	52937	52582	53122	52880	0.52	cps
Silicon	28-1	15205385	15284244	15307669	15265766	0.35	cps
Silver	109-1	4086749	4085355	4128371	4100158	0.60	cps
Silver	107-1	4329990	4326370	4326894	4327751	0.05	cps
Sodium	23-2	4559292	4553804	4594162	4569086	0.48	cps
Strontium	86-1	1181025	1184138	1180315	1181826	0.17	cps
Strontium	88-1	10217477	10298109	10294099	10269895	0.44	cps
Sulfur	34-1	349339	349614	346317	348423	0.53	cps
Terbium	159-1	8324219	8185609	8224543	8244790	0.87	cps
Terbium	159-2	2675466	2605629	2190355	2490483	10.53	cps
Thallium	203-1	2872190	2922567	2914258	2903005	0.93	cps
Thallium	205-1	6795130	6854678	6898586	6849465	0.76	cps
Tin	118-1	2362202	2394595	2396928	2384575	0.81	cps
Titanium	47-1	3455066	3434681	3425377	3438374	0.44	cps
Uranium	238-1	8923171	8882042	9065405	8956873	1.07	cps
Vanadium	51-2	425778	428724	433381	429294	0.89	cps
Yttrium	89-1	8143905	7872832	7984845	8000528	1.70	cps
Yttrium	89-2	357258	350049	301241	336182	9.06	cps
Zinc	66-2	203712	204206	208120	205346	1.18	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02A	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:56:24	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6404727	6382251	6469190	6418723	0.70	cps
Zirconium	91-1	1444672	1445917	1471264	1453951	1.03	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	174055	173415	174154	173875	0.23	cps
Antimony	121-1	1717	4003	1600	2440	55.53	cps
Arsenic	75-2	2221	2248	2134	2201	2.72	cps
Barium	135-1	224099	223075	223532	223569	0.23	cps
Barium	137-1	391070	382787	387501	387120	1.07	cps
Beryllium	9-1	2489	2789	2506	2595	6.50	cps
Bismuth	209-1	4716283	5097829	5164173	4992762	4.84	cps
Bismuth	209-2	2059009	2093109	2082549	2078222	0.84	cps
Boron	10-1	7944	8411	8103	8153	2.91	cps
Boron	11-1	41612	38528	39146	39762	4.10	cps
Cadmium	111-1	2201	2074	2229	2168	3.80	cps
Cadmium	106-1	1984	1942	2092	2006	3.86	cps
Cadmium	108-1	179	133	188	167	17.50	cps
Calcium	43-1	128601	128341	129080	128674	0.29	cps
Calcium	44-1	2142183	2114005	2144915	2133701	0.80	cps
Chromium	52-2	75639	75338	75663	75547	0.24	cps
Cobalt	59-2	73811	71975	72936	72907	1.26	cps
Copper	63-2	138727	138420	137290	138146	0.55	cps
Dysprosium	156-1	56239	53888	55452	55193	2.17	cps
Dysprosium	156-2	17749	17939	17539	17742	1.13	cps
Erbium	164-1	48132	47137	47471	47580	1.06	cps
Erbium	164-2	13848	14405	14358	14203	2.18	cps
Gadolinium	160-1	54675	54632	54314	54540	0.36	cps
Gadolinium	160-2	21488	21825	21975	21763	1.15	cps
Holmium	165-1	7418656	8016525	8190792	7875325	5.14	cps
Holmium	165-2	2585289	2629152	2615668	2610037	0.86	cps
Indium	115-1	6405692	6909703	6917500	6744298	4.35	cps
Indium	115-2	427614	436465	432886	432321	1.03	cps
Iron	56-2	43626404	43364172	43766919	43585832	0.47	cps
Iron	57-2	1091299	1089478	1086679	1089152	0.21	cps
Krypton	83-1	527	543	563	544	3.37	cps
Lead	206-1	1160774	1145883	1147846	1151501	0.70	cps
Lead	207-1	978932	958646	975643	971073	1.12	cps
Lead	208-1	4608882	4552685	4569552	4577040	0.63	cps
Lithium	6-1	1817301	1968011	1955916	1913743	4.38	cps
Magnesium	24-2	686962	682174	689600	686245	0.55	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	257575	256885	255037	256499	0.51	cps
Molybdenum	94-1	81705	81772	81663	81713	0.07	cps
Molybdenum	95-1	5635	5293	5435	5454	3.15	cps
Molybdenum	96-1	19390	19657	19181	19409	1.23	cps
Molybdenum	97-1	3751	3417	3059	3409	10.15	cps
Molybdenum	98-1	8253	8712	8620	8528	2.85	cps
Neodymium	150-1	93692	92034	95001	93576	1.59	cps
Neodymium	150-2	18767	18757	18617	18714	0.45	cps
Nickel	60-2	144389	144507	144413	144436	0.04	cps
Phosphorus	31-2	742	1033	767	847	19.08	cps
Potassium	39-2	75965	76860	76467	76430	0.59	cps
Rhodium	103-1	6154438	6645714	6747639	6515930	4.87	cps
Rhodium	103-2	2225435	2245502	2245427	2238788	0.52	cps
Scandium	45-1	4582990	4983879	5035258	4867375	5.09	cps
Scandium	45-2	48457	49219	48015	48564	1.25	cps
Selenium	77-2	90	73	97	87	13.86	cps
Selenium	78-2	57	54	63	58	8.03	cps
Selenium	82-1	102	86	38	75	44.23	cps
Silicon	28-1	11495744	11546541	11559091	11533792	0.29	cps
Silver	109-1	13816	13491	13332	13546	1.82	cps
Silver	107-1	14701	14359	13491	14183	4.40	cps
Sodium	23-2	44370	43559	43860	43930	0.93	cps
Strontium	86-1	69587	68321	69009	68972	0.92	cps
Strontium	88-1	612550	597713	601164	603809	1.29	cps
Sulfur	34-1	341353	341397	343996	342249	0.44	cps
Terbium	159-1	7844036	8517838	8572375	8311416	4.88	cps
Terbium	159-2	2600567	2622256	2607688	2610171	0.42	cps
Thallium	203-1	3259	2809	2717	2928	9.90	cps
Thallium	205-1	6552	6785	6377	6571	3.12	cps
Tin	118-1	18196	17963	17587	17916	1.71	cps
Titanium	47-1	678289	675009	679881	677726	0.37	cps
Uranium	238-1	45192	43118	45007	44439	2.58	cps
Vanadium	51-2	53709	53846	53552	53703	0.27	cps
Yttrium	89-1	7598084	8077760	8030810	7902218	3.35	cps
Yttrium	89-2	345461	347188	347612	346754	0.33	cps
Zinc	66-2	54989	55969	54507	55155	1.35	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 19:59:35	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	216690	213856	211340	213962	1.25	cps
Zirconium	91-1	47643	48638	46990	47757	1.74	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	519958	516477	516110	517515	0.41	cps
Antimony	121-1	4120415	4058118	4140255	4106263	1.04	cps
Arsenic	75-2	63173	63262	63214	63216	0.07	cps
Barium	135-1	4321091	4339480	4330718	4330430	0.21	cps
Barium	137-1	7456925	7272166	7433775	7387622	1.36	cps
Beryllium	9-1	845559	827040	839771	837456	1.13	cps
Bismuth	209-1	4858453	5445532	4869218	5057734	6.64	cps
Bismuth	209-2	1978795	2018049	2023090	2006645	1.21	cps
Boron	10-1	87374	90502	92289	90055	2.76	cps
Boron	11-1	426340	439525	452903	439590	3.02	cps
Cadmium	111-1	978449	967590	977696	974578	0.62	cps
Cadmium	106-1	101061	99885	99608	100185	0.77	cps
Cadmium	108-1	68699	68838	68950	68829	0.18	cps
Calcium	43-1	5639741	5604888	5674628	5639753	0.62	cps
Calcium	44-1	91443242	90559317	91392331	91131630	0.54	cps
Chromium	52-2	566432	565287	565565	565761	0.11	cps
Cobalt	59-2	1092518	1086745	1094451	1091238	0.37	cps
Copper	63-2	1902099	1904456	1887059	1897871	0.50	cps
Dysprosium	156-1	75	42	50	56	31.22	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	33	33	58	42	34.65	cps
Erbium	164-2	20	23	17	20	16.65	cps
Gadolinium	160-1	83	83	75	81	5.98	cps
Gadolinium	160-2	20	10	13	14	35.26	cps
Holmium	165-1	8147306	9105286	8197079	8483224	6.36	cps
Holmium	165-2	2629185	2655613	2642977	2642591	0.50	cps
Indium	115-1	6753901	7667787	6832861	7084850	7.15	cps
Indium	115-2	424511	431622	428448	428194	0.83	cps
Iron	56-2	97202469	96297869	96044447	96514928	0.63	cps
Iron	57-2	2468544	2446294	2426729	2447189	0.85	cps
Krypton	83-1	410	463	397	423	8.33	cps
Lead	206-1	2379109	2348592	2340550	2356083	0.86	cps
Lead	207-1	2178817	2144153	2164391	2162454	0.81	cps
Lead	208-1	9731894	9567536	9633894	9644441	0.86	cps
Lithium	6-1	1913644	2072201	1894097	1959980	4.98	cps
Magnesium	24-2	10460645	10445750	10430710	10445702	0.14	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	336625	335612	336527	336254	0.17	cps
Molybdenum	94-1	7765037	7607525	7797156	7723240	1.31	cps
Molybdenum	95-1	9422230	9342959	9496645	9420612	0.82	cps
Molybdenum	96-1	10521778	10307474	10487498	10438917	1.10	cps
Molybdenum	97-1	5901794	5871801	5946463	5906686	0.64	cps
Molybdenum	98-1	15013139	14969015	15186026	15056060	0.76	cps
Neodymium	150-1	207	227	233	222	6.24	cps
Neodymium	150-2	27	10	17	18	47.19	cps
Nickel	60-2	331151	330203	330911	330755	0.15	cps
Phosphorus	31-2	7110	6610	6902	6874	3.66	cps
Potassium	39-2	2995709	2995878	2965985	2985857	0.58	cps
Rhodium	103-1	6478271	7241419	6582907	6767532	6.11	cps
Rhodium	103-2	2143454	2167126	2164963	2158514	0.61	cps
Scandium	45-1	4920399	5548137	5113036	5193857	6.19	cps
Scandium	45-2	48279	48731	48704	48572	0.52	cps
Selenium	77-2	490	533	517	513	4.26	cps
Selenium	78-2	1832	1693	1795	1773	4.06	cps
Selenium	82-1	60313	59518	60413	60081	0.82	cps
Silicon	28-1	2886811	2900291	2947546	2911550	1.10	cps
Silver	109-1	4315370	4279982	4270095	4288482	0.56	cps
Silver	107-1	4561553	4556134	4628150	4581946	0.88	cps
Sodium	23-2	23152523	23009942	23098652	23087039	0.31	cps
Strontium	86-1	1177679	1160037	1174144	1170620	0.80	cps
Strontium	88-1	10248407	10010063	10214355	10157609	1.27	cps
Sulfur	34-1	710340	705183	704343	706622	0.46	cps
Terbium	159-1	8587378	9573636	8543547	8901521	6.54	cps
Terbium	159-2	2626354	2682880	2662578	2657271	1.08	cps
Thallium	203-1	3006318	2977054	2917834	2967068	1.52	cps
Thallium	205-1	6970018	7002167	6849780	6940655	1.16	cps
Tin	118-1	2826344	2807803	2891417	2841855	1.55	cps
Titanium	47-1	2816453	2820098	2837458	2824670	0.40	cps
Uranium	238-1	9151768	9052227	9094255	9099417	0.55	cps
Vanadium	51-2	399645	399343	397916	398968	0.23	cps
Yttrium	89-1	7533518	8397206	7676454	7869059	5.88	cps
Yttrium	89-2	321828	326209	322541	323526	0.73	cps
Zinc	66-2	185028	183955	181817	183600	0.89	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV40	Instrumnet Name :	P8
Client Sample ID :	CCV40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:06:06	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6431791	6353275	6491280	6425449	1.08	cps
Zirconium	91-1	1450296	1450412	1442889	1447865	0.30	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB40 Instrumnet Name : P8
 Client Sample ID : CCB40 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 20:11:35 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	30	23	24	21.53	cps
Antimony	121-1	617	650	883	717	20.27	cps
Arsenic	75-2	9	7	15	10	36.70	cps
Barium	135-1	58	42	25	42	40.00	cps
Barium	137-1	58	50	33	47	26.97	cps
Beryllium	9-1	228	233	228	230	1.40	cps
Bismuth	209-1	5213787	5099528	5102454	5138590	1.27	cps
Bismuth	209-2	2000317	1941551	2079699	2007189	3.45	cps
Boron	10-1	3017	2700	2650	2789	7.13	cps
Boron	11-1	14700	13732	13657	14030	4.15	cps
Cadmium	111-1	967	1094	964	1008	7.35	cps
Cadmium	106-1	1350	1525	1350	1408	7.17	cps
Cadmium	108-1	4	4	21	10	98.92	cps
Calcium	43-1	292	317	350	319	9.16	cps
Calcium	44-1	21150	21951	21976	21692	2.17	cps
Chromium	52-2	587	560	623	590	5.39	cps
Cobalt	59-2	67	53	80	67	20.00	cps
Copper	63-2	673	703	680	686	2.30	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	3	13	10	9	57.30	cps
Holmium	165-1	8158354	7862979	7941067	7987467	1.92	cps
Holmium	165-2	2514019	2418290	2572796	2501702	3.12	cps
Indium	115-1	7116262	6803555	6821536	6913784	2.54	cps
Indium	115-2	417368	398737	427127	414411	3.48	cps
Iron	56-2	1739	1711	1539	1663	6.52	cps
Iron	57-2	72	89	39	67	38.19	cps
Krypton	83-1	417	350	473	413	14.94	cps
Lead	206-1	578	556	483	539	9.16	cps
Lead	207-1	589	633	517	580	10.16	cps
Lead	208-1	2306	2322	2311	2313	0.37	cps
Lithium	6-1	1963480	1904502	1903482	1923821	1.79	cps
Magnesium	24-2	250	275	258	261	4.87	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:11:35	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	37	13	28	45.44	cps
Molybdenum	94-1	717	675	742	711	4.74	cps
Molybdenum	95-1	750	717	692	720	4.07	cps
Molybdenum	96-1	817	883	867	856	4.05	cps
Molybdenum	97-1	458	567	467	497	12.13	cps
Molybdenum	98-1	1242	1167	1108	1172	5.70	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	67	37	53	28.64	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	4126	4384	4084	4198	3.87	cps
Rhodium	103-1	6986260	6796091	6769981	6850777	1.72	cps
Rhodium	103-2	2166518	2127902	2248856	2181092	2.83	cps
Scandium	45-1	4995524	4845144	4844361	4895010	1.78	cps
Scandium	45-2	45163	43411	45564	44712	2.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	15	90	-3	34	144.02	cps
Silicon	28-1	277801	271150	272044	273665	1.32	cps
Silver	109-1	858	933	842	878	5.56	cps
Silver	107-1	933	1258	767	986	25.36	cps
Sodium	23-2	14675	15117	14717	14836	1.64	cps
Strontium	86-1	608	700	733	681	9.51	cps
Strontium	88-1	150	150	83	128	30.12	cps
Sulfur	34-1	380876	380459	375611	378982	0.77	cps
Terbium	159-1	8585921	8247294	8316288	8383168	2.13	cps
Terbium	159-2	2485010	2399410	2578975	2487798	3.61	cps
Thallium	203-1	1092	808	950	950	14.91	cps
Thallium	205-1	2142	2234	2050	2142	4.28	cps
Tin	118-1	383	433	442	419	7.52	cps
Titanium	47-1	150	158	200	169	15.81	cps
Uranium	238-1	83	58	50	64	27.15	cps
Vanadium	51-2	10	10	3	8	49.52	cps
Yttrium	89-1	7674397	7356374	7308069	7446280	2.67	cps
Yttrium	89-2	303754	294729	313253	303912	3.05	cps
Zinc	66-2	53	70	97	73	29.81	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB40	Instrumnet Name :	P8
Client Sample ID :	CCB40	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:11:35	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	708	717	742	6.83	cps
Zirconium	91-1	158	200	125	161	23.33	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	254644	249560	250366	251523	1.09	cps
Antimony	121-1	692	542	667	633	12.69	cps
Arsenic	75-2	1582	1622	1582	1595	1.47	cps
Barium	135-1	213758	212370	218511	214880	1.50	cps
Barium	137-1	367848	371468	372555	370623	0.67	cps
Beryllium	9-1	3473	3400	3367	3413	1.58	cps
Bismuth	209-1	4954525	4890331	4474086	4772981	5.46	cps
Bismuth	209-2	2037725	2055744	2058590	2050686	0.55	cps
Boron	10-1	4318	4584	4351	4418	3.29	cps
Boron	11-1	22226	21826	22869	22307	2.36	cps
Cadmium	111-1	1779	2029	2019	1942	7.29	cps
Cadmium	106-1	2059	2334	2175	2189	6.31	cps
Cadmium	108-1	279	250	208	246	14.48	cps
Calcium	43-1	157390	161746	163324	160820	1.91	cps
Calcium	44-1	2653171	2667527	2699211	2673303	0.88	cps
Chromium	52-2	108865	108426	107405	108232	0.69	cps
Cobalt	59-2	139516	139322	137938	138925	0.62	cps
Copper	63-2	172812	173581	171062	172485	0.75	cps
Dysprosium	156-1	77656	76449	78319	77475	1.22	cps
Dysprosium	156-2	25996	25826	25715	25846	0.55	cps
Erbium	164-1	68364	68808	69369	68847	0.73	cps
Erbium	164-2	21435	21318	21528	21427	0.49	cps
Gadolinium	160-1	78051	78284	80700	79012	1.86	cps
Gadolinium	160-2	31535	31378	31321	31411	0.35	cps
Holmium	165-1	7957491	7951216	7188829	7699179	5.74	cps
Holmium	165-2	2608855	2650571	2649361	2636262	0.90	cps
Indium	115-1	6876511	6771694	6206022	6618075	5.45	cps
Indium	115-2	433840	433977	433117	433644	0.11	cps
Iron	56-2	59228678	58905679	58932785	59022380	0.30	cps
Iron	57-2	1491733	1502147	1476861	1490247	0.85	cps
Krypton	83-1	527	517	573	539	5.61	cps
Lead	206-1	459389	459313	463919	460873	0.57	cps
Lead	207-1	381031	385045	388618	384898	0.99	cps
Lead	208-1	1776526	1794035	1814881	1795147	1.07	cps
Lithium	6-1	1939756	1930942	1771932	1880876	5.02	cps
Magnesium	24-2	3418931	3432113	3423411	3424819	0.20	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	484348	479497	476821	480222	0.79	cps
Molybdenum	94-1	116630	117581	118774	117662	0.91	cps
Molybdenum	95-1	4593	4117	4309	4340	5.51	cps
Molybdenum	96-1	23713	24273	24064	24017	1.18	cps
Molybdenum	97-1	2725	2734	2975	2812	5.05	cps
Molybdenum	98-1	6877	6960	6952	6930	0.66	cps
Neodymium	150-1	126706	126733	126983	126807	0.12	cps
Neodymium	150-2	25268	26023	25912	25734	1.58	cps
Nickel	60-2	672098	671085	666359	669847	0.46	cps
Phosphorus	31-2	783	917	900	867	8.38	cps
Potassium	39-2	115665	112328	114781	114258	1.51	cps
Rhodium	103-1	6649915	6607185	5856736	6371279	7.00	cps
Rhodium	103-2	2228229	2246859	2241170	2238753	0.43	cps
Scandium	45-1	5082829	5066179	4621448	4923485	5.32	cps
Scandium	45-2	49330	50440	49748	49839	1.13	cps
Selenium	77-2	107	153	183	148	26.14	cps
Selenium	78-2	89	72	80	80	10.41	cps
Selenium	82-1	170	191	104	155	29.04	cps
Silicon	28-1	1524705	1529472	1469014	1507730	2.23	cps
Silver	109-1	8878	8503	7002	8128	12.21	cps
Silver	107-1	9245	9596	8178	9006	8.20	cps
Sodium	23-2	103852	104179	105087	104373	0.61	cps
Strontium	86-1	91574	92982	93395	92650	1.03	cps
Strontium	88-1	805403	798851	808984	804413	0.64	cps
Sulfur	34-1	364301	364155	359752	362736	0.71	cps
Terbium	159-1	8358770	8191546	7509278	8019865	5.61	cps
Terbium	159-2	2592307	2645886	2647664	2628619	1.20	cps
Thallium	203-1	2667	2809	2667	2714	3.01	cps
Thallium	205-1	6869	6319	6719	6635	4.29	cps
Tin	118-1	9654	9662	9254	9523	2.45	cps
Titanium	47-1	446031	446126	451245	447801	0.67	cps
Uranium	238-1	38636	39439	40183	39419	1.96	cps
Vanadium	51-2	54285	53515	53137	53646	1.09	cps
Yttrium	89-1	8506421	8289980	7618244	8138215	5.69	cps
Yttrium	89-2	363741	367134	364637	365171	0.48	cps
Zinc	66-2	42201	42141	41980	42107	0.27	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19A	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:14:56	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	319553	316111	320923	318862	0.78	cps
Zirconium	91-1	70417	72501	72578	71832	1.71	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	211245	208499	210254	210000	0.66	cps
Antimony	121-1	3351	3267	3309	3309	1.26	cps
Arsenic	75-2	5742	5701	5820	5754	1.05	cps
Barium	135-1	358416	361630	366186	362077	1.08	cps
Barium	137-1	622878	620980	630891	624916	0.84	cps
Beryllium	9-1	3562	3728	3812	3701	3.44	cps
Bismuth	209-1	4868963	4956016	5009157	4944712	1.43	cps
Bismuth	209-2	2062776	2044549	2046233	2051186	0.49	cps
Boron	10-1	3426	3542	3501	3489	1.69	cps
Boron	11-1	16952	18271	17161	17461	4.06	cps
Cadmium	111-1	2699	2810	3161	2890	8.35	cps
Cadmium	106-1	1950	1984	2259	2064	8.20	cps
Cadmium	108-1	238	238	308	261	15.66	cps
Calcium	43-1	99325	100785	100440	100183	0.76	cps
Calcium	44-1	1654832	1675884	1688519	1673078	1.02	cps
Chromium	52-2	139964	139533	138743	139413	0.44	cps
Cobalt	59-2	93484	93900	93451	93612	0.27	cps
Copper	63-2	233291	230632	229541	231154	0.83	cps
Dysprosium	156-1	62089	62768	62249	62369	0.57	cps
Dysprosium	156-2	20269	20196	19939	20135	0.86	cps
Erbium	164-1	54047	54347	55377	54590	1.28	cps
Erbium	164-2	16327	17315	16791	16811	2.94	cps
Gadolinium	160-1	60616	61194	61646	61152	0.84	cps
Gadolinium	160-2	24834	24633	24987	24818	0.72	cps
Holmium	165-1	7805925	7727394	7862362	7798560	0.87	cps
Holmium	165-2	2591640	2567711	2589197	2582849	0.51	cps
Indium	115-1	6650562	6746340	6733446	6710116	0.77	cps
Indium	115-2	426451	424835	425152	425479	0.20	cps
Iron	56-2	58956204	57843989	57578425	58126206	1.26	cps
Iron	57-2	1493646	1448907	1457216	1466590	1.62	cps
Krypton	83-1	547	570	530	549	3.66	cps
Lead	206-1	2631272	2645861	2622391	2633175	0.45	cps
Lead	207-1	2233170	2234667	2236644	2234827	0.08	cps
Lead	208-1	10222173	10294791	10344839	10287268	0.60	cps
Lithium	6-1	1917183	1941683	1961401	1940089	1.14	cps
Magnesium	24-2	556905	551340	553256	553834	0.51	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	701333	692416	695587	696445	0.65	cps
Molybdenum	94-1	80815	81646	82845	81768	1.25	cps
Molybdenum	95-1	9220	9287	9829	9445	3.54	cps
Molybdenum	96-1	23404	22628	23388	23140	1.92	cps
Molybdenum	97-1	5568	6077	5735	5793	4.48	cps
Molybdenum	98-1	15075	14959	15334	15123	1.27	cps
Neodymium	150-1	108687	107551	109649	108629	0.97	cps
Neodymium	150-2	21411	21805	21935	21717	1.26	cps
Nickel	60-2	217964	216983	215683	216877	0.53	cps
Phosphorus	31-2	958	742	817	839	13.12	cps
Potassium	39-2	88527	87614	89165	88435	0.88	cps
Rhodium	103-1	6475446	6524778	6549895	6516706	0.58	cps
Rhodium	103-2	2214807	2208063	2213048	2211973	0.16	cps
Scandium	45-1	4884464	4948392	4950589	4927815	0.76	cps
Scandium	45-2	48273	48125	48423	48274	0.31	cps
Selenium	77-2	163	87	93	114	37.11	cps
Selenium	78-2	65	57	61	61	6.06	cps
Selenium	82-1	187	144	148	159	14.91	cps
Silicon	28-1	12875614	12888462	12889882	12884652	0.06	cps
Silver	109-1	13999	12206	11072	12426	11.88	cps
Silver	107-1	13974	12465	11672	12704	9.21	cps
Sodium	23-2	70399	69839	69571	69937	0.60	cps
Strontium	86-1	79272	80152	81066	80163	1.12	cps
Strontium	88-1	694230	706062	709414	703235	1.13	cps
Sulfur	34-1	349484	351980	350382	350615	0.36	cps
Terbium	159-1	8240607	8212529	8241015	8231384	0.20	cps
Terbium	159-2	2554132	2598779	2575572	2576161	0.87	cps
Thallium	203-1	2717	2625	2859	2734	4.30	cps
Thallium	205-1	6702	6827	6794	6774	0.96	cps
Tin	118-1	18647	18146	18947	18580	2.18	cps
Titanium	47-1	672994	671290	680068	674784	0.69	cps
Uranium	238-1	60097	60104	59930	60043	0.16	cps
Vanadium	51-2	69357	69053	69385	69265	0.27	cps
Yttrium	89-1	7846472	7961594	7968584	7925550	0.87	cps
Yttrium	89-2	347325	343414	340845	343861	0.95	cps
Zinc	66-2	77780	76801	76020	76867	1.15	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:18:16	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	209001	209868	212034	210301	0.74	cps
Zirconium	91-1	47016	46664	47793	47158	1.23	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	179359	178402	177949	178570	0.40	cps
Antimony	121-1	2167	2317	2317	2267	3.82	cps
Arsenic	75-2	4327	4208	4173	4236	1.90	cps
Barium	135-1	472972	476840	476463	475425	0.45	cps
Barium	137-1	824618	827217	830707	827514	0.37	cps
Beryllium	9-1	2950	2984	3200	3045	4.46	cps
Bismuth	209-1	4891048	4978609	4766498	4878718	2.18	cps
Bismuth	209-2	2006887	2274242	2161873	2147668	6.25	cps
Boron	10-1	2875	2900	2659	2812	4.73	cps
Boron	11-1	14299	14533	14424	14419	0.81	cps
Cadmium	111-1	4505	4496	4261	4421	3.14	cps
Cadmium	106-1	2200	2200	1767	2056	12.17	cps
Cadmium	108-1	396	367	342	368	7.37	cps
Calcium	43-1	100390	100233	99518	100047	0.46	cps
Calcium	44-1	1658374	1662232	1667587	1662731	0.28	cps
Chromium	52-2	180757	179147	177465	179123	0.92	cps
Cobalt	59-2	80648	80749	79897	80431	0.58	cps
Copper	63-2	199733	197945	197525	198401	0.59	cps
Dysprosium	156-1	53912	56222	54573	54902	2.17	cps
Dysprosium	156-2	17489	17285	17402	17392	0.59	cps
Erbium	164-1	48291	48324	49746	48787	1.70	cps
Erbium	164-2	14929	14932	14749	14870	0.71	cps
Gadolinium	160-1	53101	53101	54215	53472	1.20	cps
Gadolinium	160-2	21271	20927	21695	21298	1.81	cps
Holmium	165-1	7608536	7860815	7421502	7630284	2.89	cps
Holmium	165-2	2559346	2871690	2717417	2716151	5.75	cps
Indium	115-1	6535829	6669433	6394659	6533307	2.10	cps
Indium	115-2	420761	470255	459484	450167	5.78	cps
Iron	56-2	65279403	64530281	65031513	64947065	0.59	cps
Iron	57-2	1668285	1632873	1651071	1650743	1.07	cps
Krypton	83-1	457	503	500	487	5.35	cps
Lead	206-1	7332074	7391762	7415015	7379617	0.58	cps
Lead	207-1	6381912	6486818	6420544	6429758	0.83	cps
Lead	208-1	29369678	29523829	29563798	29485768	0.35	cps
Lithium	6-1	1907804	1919998	1861849	1896550	1.62	cps
Magnesium	24-2	502118	494570	496742	497810	0.78	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	460718	458407	458030	459052	0.32	cps
Molybdenum	94-1	77454	74672	76826	76317	1.91	cps
Molybdenum	95-1	6160	5693	6160	6004	4.49	cps
Molybdenum	96-1	18722	19181	19048	18983	1.24	cps
Molybdenum	97-1	3751	3942	3501	3731	5.94	cps
Molybdenum	98-1	9103	9245	8895	9081	1.94	cps
Neodymium	150-1	95170	93558	95581	94769	1.13	cps
Neodymium	150-2	19081	18507	18620	18736	1.62	cps
Nickel	60-2	176202	177302	178160	177221	0.55	cps
Phosphorus	31-2	1000	850	1025	958	9.88	cps
Potassium	39-2	76365	75084	75788	75746	0.85	cps
Rhodium	103-1	6379513	6515578	6215268	6370120	2.36	cps
Rhodium	103-2	2182929	2446700	2416285	2348638	6.14	cps
Scandium	45-1	4810510	4884326	4686220	4793686	2.09	cps
Scandium	45-2	47366	52756	51621	50581	5.62	cps
Selenium	77-2	107	120	150	126	17.68	cps
Selenium	78-2	56	57	50	54	7.10	cps
Selenium	82-1	232	99	117	150	48.26	cps
Silicon	28-1	2470721	2314588	2789504	2524938	9.59	cps
Silver	109-1	10171	9187	8370	9242	9.76	cps
Silver	107-1	10388	9812	8745	9648	8.64	cps
Sodium	23-2	56413	58186	57492	57364	1.56	cps
Strontium	86-1	93762	92949	95281	93997	1.26	cps
Strontium	88-1	826092	815459	822486	821345	0.66	cps
Sulfur	34-1	352169	353182	356409	353920	0.63	cps
Terbium	159-1	8008880	8227265	7727513	7987886	3.14	cps
Terbium	159-2	2533212	2835053	2746702	2704989	5.74	cps
Thallium	203-1	1917	1909	1959	1928	1.39	cps
Thallium	205-1	5226	4859	4651	4912	5.93	cps
Tin	118-1	19907	19365	19699	19657	1.39	cps
Titanium	47-1	466211	468392	467744	467449	0.24	cps
Uranium	238-1	50679	50638	50303	50540	0.41	cps
Vanadium	51-2	59348	60279	59121	59583	1.03	cps
Yttrium	89-1	7673276	7811883	7511301	7665487	1.96	cps
Yttrium	89-2	336217	375403	363645	358422	5.61	cps
Zinc	66-2	183537	180915	183071	182508	0.77	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:21:34	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	198297	198519	199636	198817	0.36	cps
Zirconium	91-1	44616	45092	44591	44766	0.63	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183719	181671	181382	182257	0.70	cps
Antimony	121-1	2700	2767	3000	2823	5.58	cps
Arsenic	75-2	3237	3078	3317	3211	3.79	cps
Barium	135-1	196177	195320	193714	195070	0.64	cps
Barium	137-1	332532	338247	335750	335510	0.85	cps
Beryllium	9-1	2573	2439	2406	2473	3.57	cps
Bismuth	209-1	5095470	5050215	5075016	5073567	0.45	cps
Bismuth	209-2	1899443	2104169	2099539	2034384	5.75	cps
Boron	10-1	3025	2825	2809	2887	4.18	cps
Boron	11-1	13749	14466	13682	13966	3.11	cps
Cadmium	111-1	1897	2001	1855	1918	3.90	cps
Cadmium	106-1	1667	1892	1709	1756	6.82	cps
Cadmium	108-1	171	171	225	189	16.56	cps
Calcium	43-1	91112	94407	92974	92831	1.78	cps
Calcium	44-1	1582149	1541397	1561724	1561757	1.30	cps
Chromium	52-2	130723	131625	130468	130939	0.46	cps
Cobalt	59-2	67114	67533	67151	67266	0.34	cps
Copper	63-2	169891	169847	170765	170168	0.30	cps
Dysprosium	156-1	43699	42529	42687	42972	1.48	cps
Dysprosium	156-2	14181	13427	13354	13654	3.35	cps
Erbium	164-1	37355	37982	37255	37530	1.05	cps
Erbium	164-2	11489	10928	11175	11197	2.51	cps
Gadolinium	160-1	41509	42169	41032	41570	1.37	cps
Gadolinium	160-2	16417	16614	16537	16523	0.60	cps
Holmium	165-1	8115420	7900806	7939032	7985086	1.43	cps
Holmium	165-2	2339573	2673367	2674115	2562352	7.53	cps
Indium	115-1	6910486	6777064	6876973	6854841	1.01	cps
Indium	115-2	395034	442314	440668	426005	6.30	cps
Iron	56-2	41739723	41681913	41299425	41573687	0.58	cps
Iron	57-2	1039106	1035117	1035328	1036517	0.22	cps
Krypton	83-1	543	397	590	510	19.78	cps
Lead	206-1	2246181	2270358	2290478	2269006	0.98	cps
Lead	207-1	1942158	1929149	1942370	1937892	0.39	cps
Lead	208-1	8909586	8955050	8921509	8928715	0.26	cps
Lithium	6-1	1980528	1935987	1930653	1949056	1.41	cps
Magnesium	24-2	340523	342803	340920	341415	0.36	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	310953	305143	307777	307957	0.94	cps
Molybdenum	94-1	62646	63056	63449	63050	0.64	cps
Molybdenum	95-1	7819	7577	7844	7747	1.90	cps
Molybdenum	96-1	17829	18572	17812	18071	2.40	cps
Molybdenum	97-1	4868	4818	4868	4851	0.60	cps
Molybdenum	98-1	12548	12573	12039	12387	2.43	cps
Neodymium	150-1	76188	77951	78065	77401	1.36	cps
Neodymium	150-2	15636	15746	16060	15814	1.39	cps
Nickel	60-2	105613	104394	104915	104974	0.58	cps
Phosphorus	31-2	925	792	958	892	9.89	cps
Potassium	39-2	52892	53670	52498	53020	1.12	cps
Rhodium	103-1	6740094	6653682	6730129	6707968	0.70	cps
Rhodium	103-2	2045990	2296698	2313130	2218606	6.75	cps
Scandium	45-1	5087385	4960270	5014120	5020592	1.27	cps
Scandium	45-2	44444	48768	49310	47507	5.61	cps
Selenium	77-2	73	117	93	94	22.96	cps
Selenium	78-2	46	44	35	42	14.18	cps
Selenium	82-1	139	264	80	161	58.10	cps
Silicon	28-1	10351923	9656952	9618094	9875656	4.18	cps
Silver	109-1	12857	11973	10530	11786	9.97	cps
Silver	107-1	13583	12973	11539	12698	8.26	cps
Sodium	23-2	40100	39331	39798	39743	0.97	cps
Strontium	86-1	80596	79650	81409	80552	1.09	cps
Strontium	88-1	699834	702790	702859	701828	0.25	cps
Sulfur	34-1	354165	349842	341219	348409	1.89	cps
Terbium	159-1	8415793	8337765	8338076	8363878	0.54	cps
Terbium	159-2	2359469	2673255	2663662	2565462	6.96	cps
Thallium	203-1	1975	1825	1867	1889	4.10	cps
Thallium	205-1	4326	4326	4118	4256	2.83	cps
Tin	118-1	18063	19248	19190	18833	3.55	cps
Titanium	47-1	531803	542870	541519	538731	1.12	cps
Uranium	238-1	42324	42583	43762	42890	1.79	cps
Vanadium	51-2	63111	62827	63423	63120	0.47	cps
Yttrium	89-1	7981384	7824488	7924686	7910186	1.00	cps
Yttrium	89-2	308681	347414	346039	334044	6.58	cps
Zinc	66-2	59752	59460	59166	59459	0.49	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:24:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	157307	160183	167520	161670	3.26	cps
Zirconium	91-1	34578	36007	35673	35420	2.11	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1025618	1025075	1030924	1027206	0.31	cps
Antimony	121-1	1200	925	883	1003	17.16	cps
Arsenic	75-2	4934	5016	5034	4995	1.07	cps
Barium	135-1	816080	808971	807370	810807	0.57	cps
Barium	137-1	1417541	1406848	1394686	1406358	0.81	cps
Beryllium	9-1	9225	9437	9481	9381	1.46	cps
Bismuth	209-1	4022958	4643243	4807070	4491090	9.21	cps
Bismuth	209-2	2009875	2028872	2062736	2033828	1.32	cps
Boron	10-1	3284	3492	3234	3337	4.11	cps
Boron	11-1	16310	16427	16569	16435	0.79	cps
Cadmium	111-1	4119	4542	4723	4462	6.94	cps
Cadmium	106-1	2800	2892	3267	2987	8.28	cps
Cadmium	108-1	613	642	688	647	5.84	cps
Calcium	43-1	109005	107366	107929	108100	0.77	cps
Calcium	44-1	1787424	1775191	1779587	1780734	0.35	cps
Chromium	52-2	371339	370112	368053	369835	0.45	cps
Cobalt	59-2	276656	275377	278225	276753	0.52	cps
Copper	63-2	409554	410535	412444	410844	0.36	cps
Dysprosium	156-1	109667	109356	109910	109644	0.25	cps
Dysprosium	156-2	32517	32758	32634	32636	0.37	cps
Erbium	164-1	91228	89826	88635	89896	1.44	cps
Erbium	164-2	27853	27209	27339	27467	1.24	cps
Gadolinium	160-1	99386	96723	98018	98043	1.36	cps
Gadolinium	160-2	38905	39811	39423	39379	1.15	cps
Holmium	165-1	6412117	7547988	7742412	7234172	9.93	cps
Holmium	165-2	2639234	2630913	2652013	2640720	0.40	cps
Indium	115-1	5394967	6442589	6693634	6177063	11.15	cps
Indium	115-2	431215	432950	436162	433442	0.58	cps
Iron	56-2	154619559	153979403	155386542	154661835	0.46	cps
Iron	57-2	3831939	3813205	3841960	3829035	0.38	cps
Krypton	83-1	580	553	447	527	13.40	cps
Lead	206-1	3944594	3870604	3871023	3895407	1.09	cps
Lead	207-1	3369229	3321352	3268037	3319539	1.52	cps
Lead	208-1	15469381	15227534	15089256	15262057	1.26	cps
Lithium	6-1	1628022	1904771	1925523	1819439	9.13	cps
Magnesium	24-2	1178961	1174676	1166363	1173333	0.55	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	874041	870160	876714	873638	0.38	cps
Molybdenum	94-1	282344	274518	279590	278817	1.42	cps
Molybdenum	95-1	15676	15209	15451	15446	1.51	cps
Molybdenum	96-1	63148	63148	63190	63162	0.04	cps
Molybdenum	97-1	9270	9437	10029	9579	4.16	cps
Molybdenum	98-1	23605	23797	24164	23855	1.19	cps
Neodymium	150-1	183486	183335	181222	182681	0.69	cps
Neodymium	150-2	37129	37570	36601	37100	1.31	cps
Nickel	60-2	457350	455669	458996	457338	0.36	cps
Phosphorus	31-2	1967	1625	1892	1828	9.83	cps
Potassium	39-2	168960	167744	167688	168131	0.43	cps
Rhodium	103-1	5326083	6191673	6513643	6010466	10.22	cps
Rhodium	103-2	2216472	2235362	2243072	2231636	0.61	cps
Scandium	45-1	4417674	5136921	5303890	4952828	9.51	cps
Scandium	45-2	52588	52759	53341	52896	0.75	cps
Selenium	77-2	193	163	197	184	9.95	cps
Selenium	78-2	109	128	80	106	23.01	cps
Selenium	82-1	500	426	500	475	9.06	cps
Silicon	28-1	2751292	2718028	3415541	2961620	13.29	cps
Silver	109-1	15384	14408	12757	14183	9.37	cps
Silver	107-1	16502	15476	14650	15543	5.97	cps
Sodium	23-2	193588	191394	191160	192048	0.70	cps
Strontium	86-1	122539	123681	121495	122572	0.89	cps
Strontium	88-1	1078688	1066708	1067502	1070966	0.63	cps
Sulfur	34-1	340085	341578	338049	339904	0.52	cps
Terbium	159-1	6770694	7970954	8145368	7629005	9.81	cps
Terbium	159-2	2606258	2611374	2617064	2611565	0.21	cps
Thallium	203-1	5818	5977	5818	5871	1.56	cps
Thallium	205-1	14108	13733	14250	14031	1.91	cps
Tin	118-1	12723	12540	11556	12273	5.12	cps
Titanium	47-1	860708	849351	848333	852798	0.81	cps
Uranium	238-1	170933	169735	166739	169136	1.28	cps
Vanadium	51-2	171818	169782	171582	171060	0.65	cps
Yttrium	89-1	7128722	8213199	8408573	7916831	8.71	cps
Yttrium	89-2	374883	372297	372168	373116	0.41	cps
Zinc	66-2	167787	165413	166270	166490	0.72	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:28:11	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	747229	739364	736705	741099	0.74	cps
Zirconium	91-1	165827	166078	166390	166098	0.17	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	510900	508047	509347	509431	0.28	cps
Antimony	121-1	4097344	4067949	4125843	4097045	0.71	cps
Arsenic	75-2	62403	61798	61940	62047	0.51	cps
Barium	135-1	4311336	4292483	4328417	4310745	0.42	cps
Barium	137-1	7393542	7381248	7360920	7378570	0.22	cps
Beryllium	9-1	839902	842014	838577	840164	0.21	cps
Bismuth	209-1	4871126	4869634	4867264	4869341	0.04	cps
Bismuth	209-2	2004627	2025205	2012800	2014211	0.51	cps
Boron	10-1	86192	88062	90736	88330	2.59	cps
Boron	11-1	420547	436806	442440	433264	2.62	cps
Cadmium	111-1	975117	973364	974827	974436	0.10	cps
Cadmium	106-1	99500	98912	101035	99816	1.10	cps
Cadmium	108-1	68184	69327	68431	68648	0.88	cps
Calcium	43-1	5643727	5614164	5662398	5640096	0.43	cps
Calcium	44-1	91126217	90872754	91239308	91079426	0.21	cps
Chromium	52-2	558914	556283	555706	556968	0.31	cps
Cobalt	59-2	1083506	1078077	1082375	1081319	0.26	cps
Copper	63-2	1895124	1845464	1887858	1876149	1.43	cps
Dysprosium	156-1	83	42	108	78	43.30	cps
Dysprosium	156-2	10	10	7	9	21.63	cps
Erbium	164-1	33	25	83	47	66.82	cps
Erbium	164-2	13	10	13	12	15.73	cps
Gadolinium	160-1	83	108	50	81	36.33	cps
Gadolinium	160-2	23	13	20	19	26.96	cps
Holmium	165-1	8142459	8060930	8170083	8124491	0.70	cps
Holmium	165-2	2643472	2664804	2651738	2653338	0.41	cps
Indium	115-1	6711202	6822320	6759985	6764502	0.82	cps
Indium	115-2	425259	427278	429257	427265	0.47	cps
Iron	56-2	95544624	94455641	95738274	95246180	0.73	cps
Iron	57-2	2421172	2403844	2432844	2419287	0.60	cps
Krypton	83-1	447	430	433	437	2.02	cps
Lead	206-1	2361184	2343397	2359016	2354532	0.41	cps
Lead	207-1	2199338	2127676	2159493	2162169	1.66	cps
Lead	208-1	9689799	9553784	9642941	9628841	0.72	cps
Lithium	6-1	1924233	1879837	1900095	1901389	1.17	cps
Magnesium	24-2	10459600	10353974	10240090	10351221	1.06	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	331712	329691	331009	330804	0.31	cps
Molybdenum	94-1	7635606	7692967	7727963	7685512	0.61	cps
Molybdenum	95-1	9320843	9364870	9366192	9350635	0.28	cps
Molybdenum	96-1	10351620	10255946	10309485	10305683	0.47	cps
Molybdenum	97-1	5880358	5921437	5923539	5908444	0.41	cps
Molybdenum	98-1	14947121	15065599	14946221	14986314	0.46	cps
Neodymium	150-1	300	220	200	240	22.05	cps
Neodymium	150-2	17	30	17	21	36.45	cps
Nickel	60-2	330452	327241	328824	328839	0.49	cps
Phosphorus	31-2	6744	6860	6443	6682	3.22	cps
Potassium	39-2	2942243	2929757	2928492	2933497	0.26	cps
Rhodium	103-1	6438987	6490038	6417048	6448691	0.58	cps
Rhodium	103-2	2165836	2189630	2158988	2171485	0.74	cps
Scandium	45-1	5016377	5005343	4969124	4996948	0.49	cps
Scandium	45-2	48366	48754	48774	48632	0.47	cps
Selenium	77-2	510	470	490	490	4.08	cps
Selenium	78-2	1689	1709	1596	1665	3.62	cps
Selenium	82-1	59299	60060	60054	59804	0.73	cps
Silicon	28-1	2843183	2848543	2924852	2872193	1.59	cps
Silver	109-1	4305893	4271381	4203653	4260309	1.22	cps
Silver	107-1	4568357	4532256	4483780	4528131	0.94	cps
Sodium	23-2	23038376	22945438	22804745	22929519	0.51	cps
Strontium	86-1	1165105	1169791	1160705	1165200	0.39	cps
Strontium	88-1	10148047	10103472	10111730	10121083	0.23	cps
Sulfur	34-1	707969	707727	709914	708536	0.17	cps
Terbium	159-1	8438663	8554864	8470105	8487877	0.71	cps
Terbium	159-2	2672822	2650547	2640802	2654724	0.62	cps
Thallium	203-1	2944884	2928050	2917913	2930283	0.46	cps
Thallium	205-1	6882283	6872259	6951170	6901904	0.62	cps
Tin	118-1	2876947	2844544	2845971	2855821	0.64	cps
Titanium	47-1	2825791	2806511	2837347	2823217	0.55	cps
Uranium	238-1	9049255	9050253	9075188	9058232	0.16	cps
Vanadium	51-2	396411	391759	391416	393196	0.71	cps
Yttrium	89-1	7504779	7429129	7477210	7470373	0.51	cps
Yttrium	89-2	325064	324152	323110	324109	0.30	cps
Zinc	66-2	181274	180352	181176	180934	0.28	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P8
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:32:46	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6421621	6398893	6376562	6399025	0.35	cps
Zirconium	91-1	1459833	1445239	1457763	1454278	0.54	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 20:37:52 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	20	20	23	21	6.92	cps
Antimony	121-1	358	375	533	422	22.88	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	25	42	25	31	31.50	cps
Barium	137-1	33	42	67	47	36.74	cps
Beryllium	9-1	256	222	167	215	20.90	cps
Bismuth	209-1	5671506	5577400	5468772	5572560	1.82	cps
Bismuth	209-2	2205026	2273077	2230796	2236299	1.54	cps
Boron	10-1	2359	2200	2417	2325	4.82	cps
Boron	11-1	12105	11213	11589	11636	3.85	cps
Cadmium	111-1	1075	1086	1156	1106	3.95	cps
Cadmium	106-1	1517	1509	1625	1550	4.20	cps
Cadmium	108-1	17	17	4	13	57.72	cps
Calcium	43-1	350	425	375	383	9.96	cps
Calcium	44-1	21885	21976	21743	21868	0.54	cps
Chromium	52-2	577	577	613	589	3.60	cps
Cobalt	59-2	53	27	30	37	39.62	cps
Copper	63-2	723	690	653	689	5.08	cps
Dysprosium	156-1	0	42	25	22	94.38	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	17	42	31	41.66	cps
Erbium	164-2	0	13	13	9	86.60	cps
Gadolinium	160-1	58	108	58	75	38.49	cps
Gadolinium	160-2	10	3	7	7	50.03	cps
Holmium	165-1	8673742	8597429	8468184	8579785	1.21	cps
Holmium	165-2	2699585	2786981	2760894	2749153	1.63	cps
Indium	115-1	7438042	7628650	7440929	7502541	1.46	cps
Indium	115-2	454656	465347	464033	461345	1.26	cps
Iron	56-2	1650	1545	1722	1639	5.46	cps
Iron	57-2	33	22	33	30	21.65	cps
Krypton	83-1	433	437	457	442	2.85	cps
Lead	206-1	1095	1006	889	996	10.35	cps
Lead	207-1	828	822	878	843	3.63	cps
Lead	208-1	4078	3928	4067	4024	2.08	cps
Lithium	6-1	2097924	2088973	2069544	2085480	0.70	cps
Magnesium	24-2	225	208	267	233	12.88	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P8
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 20:37:52 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	33	27	33	20.00	cps
Molybdenum	94-1	567	575	533	558	3.95	cps
Molybdenum	95-1	642	542	608	597	8.53	cps
Molybdenum	96-1	558	492	717	589	19.63	cps
Molybdenum	97-1	417	292	308	339	20.03	cps
Molybdenum	98-1	850	975	758	861	12.63	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	40	43	44	11.46	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	4268	3767	4192	4076	6.62	cps
Rhodium	103-1	7392334	7329259	7248435	7323342	0.98	cps
Rhodium	103-2	2401289	2407499	2406687	2405159	0.14	cps
Scandium	45-1	5354062	5333201	5230771	5306011	1.24	cps
Scandium	45-2	49290	49624	49186	49367	0.46	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	-2	0	-15	-6	-142.86	cps
Silicon	28-1	246277	246216	245700	246064	0.13	cps
Silver	109-1	2075	1667	1358	1700	21.15	cps
Silver	107-1	2459	2009	1158	1875	35.21	cps
Sodium	23-2	15067	14858	14141	14689	3.31	cps
Strontium	86-1	642	725	817	728	12.03	cps
Strontium	88-1	150	200	208	186	16.95	cps
Sulfur	34-1	384121	383547	383926	383865	0.08	cps
Terbium	159-1	9227626	8974905	8961220	9054584	1.66	cps
Terbium	159-2	2721945	2760056	2750528	2744176	0.72	cps
Thallium	203-1	900	792	775	822	8.26	cps
Thallium	205-1	1942	2250	2009	2067	7.85	cps
Tin	118-1	442	442	400	428	5.62	cps
Titanium	47-1	108	92	133	111	18.88	cps
Uranium	238-1	58	75	42	58	28.57	cps
Vanadium	51-2	3	7	13	8	65.47	cps
Yttrium	89-1	8134137	8043698	7830737	8002858	1.95	cps
Yttrium	89-2	334800	334995	336478	335425	0.27	cps
Zinc	66-2	107	67	107	93	24.74	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P8
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 20:37:52	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	625	700	550	625	12.00	cps
Zirconium	91-1	133	100	117	117	14.28	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51884	52203	51408	51832	0.77	cps
Antimony	121-1	458	508	358	442	17.29	cps
Arsenic	75-2	369	343	350	354	3.78	cps
Barium	135-1	44150	43715	45179	44348	1.70	cps
Barium	137-1	78760	77250	77469	77826	1.05	cps
Beryllium	9-1	1011	945	861	939	8.01	cps
Bismuth	209-1	5100014	5146333	5120028	5122125	0.45	cps
Bismuth	209-2	2097824	2100326	2075013	2091054	0.67	cps
Boron	10-1	2325	2275	1967	2189	8.87	cps
Boron	11-1	10754	10680	10729	10721	0.36	cps
Cadmium	111-1	1331	1319	1257	1302	3.04	cps
Cadmium	106-1	1734	1625	1609	1656	4.10	cps
Cadmium	108-1	58	63	63	61	3.94	cps
Calcium	43-1	18697	18388	18646	18577	0.89	cps
Calcium	44-1	326613	322013	325351	324659	0.73	cps
Chromium	52-2	162535	162558	162008	162367	0.19	cps
Cobalt	59-2	39138	38924	38734	38932	0.52	cps
Copper	63-2	42960	42358	43053	42790	0.88	cps
Dysprosium	156-1	25325	25042	25459	25275	0.84	cps
Dysprosium	156-2	7556	7829	7512	7632	2.25	cps
Erbium	164-1	18481	18998	18406	18628	1.73	cps
Erbium	164-2	5621	5571	5605	5599	0.46	cps
Gadolinium	160-1	22353	23539	23263	23052	2.69	cps
Gadolinium	160-2	9167	9550	9110	9276	2.58	cps
Holmium	165-1	7980225	8106969	7994182	8027125	0.87	cps
Holmium	165-2	2620875	2647324	2627534	2631911	0.52	cps
Indium	115-1	6861086	7022572	6883508	6922389	1.26	cps
Indium	115-2	435521	436112	434967	435533	0.13	cps
Iron	56-2	17030982	17063598	17035585	17043388	0.10	cps
Iron	57-2	424259	423910	424035	424068	0.04	cps
Krypton	83-1	483	420	513	472	10.09	cps
Lead	206-1	49782	51025	50841	50549	1.33	cps
Lead	207-1	40683	41708	41407	41266	1.28	cps
Lead	208-1	194364	197435	195259	195686	0.81	cps
Lithium	6-1	1945359	1933336	1957429	1945375	0.62	cps
Magnesium	24-2	158523	157722	158751	158332	0.34	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69137	69582	69278	69332	0.33	cps
Molybdenum	94-1	24707	25234	24214	24718	2.06	cps
Molybdenum	95-1	1517	1400	1642	1520	7.95	cps
Molybdenum	96-1	5310	5418	5668	5465	3.36	cps
Molybdenum	97-1	983	875	942	933	5.86	cps
Molybdenum	98-1	2317	2284	2300	2300	0.72	cps
Neodymium	150-1	43988	43299	44489	43925	1.36	cps
Neodymium	150-2	9343	9040	8860	9081	2.69	cps
Nickel	60-2	72813	73660	73506	73326	0.62	cps
Phosphorus	31-2	200	233	258	231	12.69	cps
Potassium	39-2	25582	25073	24798	25151	1.58	cps
Rhodium	103-1	6737549	6928524	6752564	6806212	1.56	cps
Rhodium	103-2	2262091	2283260	2253114	2266155	0.68	cps
Scandium	45-1	4937204	4966988	4912587	4938926	0.55	cps
Scandium	45-2	47815	47768	47805	47796	0.05	cps
Selenium	77-2	53	37	33	41	26.06	cps
Selenium	78-2	22	24	39	28	32.18	cps
Selenium	82-1	6	47	-26	9	410.28	cps
Silicon	28-1	3225356	3185065	3282223	3230881	1.51	cps
Silver	109-1	5093	4843	3967	4634	12.75	cps
Silver	107-1	5418	5010	4284	4904	11.71	cps
Sodium	23-2	41319	40250	40534	40701	1.36	cps
Strontium	86-1	14458	13340	14567	14122	4.81	cps
Strontium	88-1	119950	120285	121512	120582	0.68	cps
Sulfur	34-1	375399	368723	373110	372411	0.91	cps
Terbium	159-1	8426156	8584496	8386376	8465676	1.24	cps
Terbium	159-2	2597142	2608350	2623438	2609643	0.51	cps
Thallium	203-1	992	950	950	964	2.50	cps
Thallium	205-1	2575	2425	2150	2384	9.04	cps
Tin	118-1	1625	1525	1467	1539	5.20	cps
Titanium	47-1	174777	175605	172769	174384	0.84	cps
Uranium	238-1	12532	12332	12290	12384	1.04	cps
Vanadium	51-2	16376	15739	15652	15923	2.48	cps
Yttrium	89-1	7675791	7787385	7637771	7700316	1.01	cps
Yttrium	89-2	330430	331380	331466	331092	0.17	cps
Zinc	66-2	7646	7769	7709	7708	0.80	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:41:14	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	65240	65776	65081	65366	0.56	cps
Zirconium	91-1	15076	14734	15201	15003	1.61	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02DUPDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20DUP Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:44:35 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	52396	51766	52311	52158	0.66	cps
Antimony	121-1	342	417	283	347	19.25	cps
Arsenic	75-2	365	370	352	362	2.62	cps
Barium	135-1	42712	42703	44509	43308	2.40	cps
Barium	137-1	75918	73312	76606	75279	2.31	cps
Beryllium	9-1	978	900	1045	974	7.42	cps
Bismuth	209-1	5036953	5468217	4631033	5045401	8.30	cps
Bismuth	209-2	2109275	2079967	2105150	2098131	0.76	cps
Boron	10-1	1942	1850	1792	1861	4.06	cps
Boron	11-1	8903	9345	9145	9131	2.42	cps
Cadmium	111-1	1126	1364	990	1160	16.35	cps
Cadmium	106-1	1458	1800	1258	1506	18.19	cps
Cadmium	108-1	71	42	71	61	27.55	cps
Calcium	43-1	18221	19022	18304	18516	2.38	cps
Calcium	44-1	320810	322618	321233	321554	0.29	cps
Chromium	52-2	151964	149916	150846	150909	0.68	cps
Cobalt	59-2	36672	36922	36949	36848	0.42	cps
Copper	63-2	41168	42421	42950	42180	2.17	cps
Dysprosium	156-1	23856	22554	24207	23539	3.70	cps
Dysprosium	156-2	7432	7759	7536	7576	2.21	cps
Erbium	164-1	17396	17371	18063	17610	2.23	cps
Erbium	164-2	5675	5538	5511	5575	1.57	cps
Gadolinium	160-1	21928	22228	22512	22222	1.31	cps
Gadolinium	160-2	9020	8886	8750	8885	1.52	cps
Holmium	165-1	7939671	8701690	7359936	8000432	8.41	cps
Holmium	165-2	2629394	2602746	2624221	2618787	0.54	cps
Indium	115-1	6903778	7497331	6336267	6912458	8.40	cps
Indium	115-2	442516	441103	437770	440463	0.55	cps
Iron	56-2	16495814	16458132	16680968	16544972	0.72	cps
Iron	57-2	407111	413261	411808	410727	0.78	cps
Krypton	83-1	483	463	517	488	5.52	cps
Lead	206-1	50188	49078	51086	50118	2.01	cps
Lead	207-1	40554	40003	41507	40688	1.87	cps
Lead	208-1	193131	191396	194473	193000	0.80	cps
Lithium	6-1	1911638	2035408	1824234	1923760	5.52	cps
Magnesium	24-2	159973	159888	159123	159661	0.29	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:44:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	69047	68792	69244	69027	0.33	cps
Molybdenum	94-1	24865	24364	25333	24854	1.95	cps
Molybdenum	95-1	1233	1408	1058	1233	14.19	cps
Molybdenum	96-1	5593	5343	5393	5443	2.43	cps
Molybdenum	97-1	817	783	708	770	7.21	cps
Molybdenum	98-1	2417	2059	2117	2198	8.75	cps
Neodymium	150-1	41673	42616	41928	42073	1.16	cps
Neodymium	150-2	8426	8783	8786	8665	2.39	cps
Nickel	60-2	70122	70125	69834	70027	0.24	cps
Phosphorus	31-2	258	258	250	256	1.88	cps
Potassium	39-2	25257	25148	25424	25276	0.55	cps
Rhodium	103-1	6714533	7303780	6304102	6774138	7.42	cps
Rhodium	103-2	2313943	2277206	2270484	2287211	1.02	cps
Scandium	45-1	4878555	5275759	4588545	4914286	7.02	cps
Scandium	45-2	47717	48283	48249	48083	0.66	cps
Selenium	77-2	57	57	57	57	0.00	cps
Selenium	78-2	35	20	24	27	29.06	cps
Selenium	82-1	33	54	28	38	36.47	cps
Silicon	28-1	2934847	2919564	2973208	2942539	0.94	cps
Silver	109-1	4234	3934	3326	3831	12.08	cps
Silver	107-1	4201	4042	3142	3795	15.05	cps
Sodium	23-2	41119	39623	39940	40227	1.96	cps
Strontium	86-1	14709	13791	14533	14344	3.40	cps
Strontium	88-1	119546	116948	118621	118372	1.11	cps
Sulfur	34-1	370093	371725	363228	368349	1.22	cps
Terbium	159-1	8317124	8971283	7697560	8328656	7.65	cps
Terbium	159-2	2650211	2635469	2610008	2631896	0.77	cps
Thallium	203-1	792	825	792	803	2.40	cps
Thallium	205-1	2042	2234	1984	2086	6.27	cps
Tin	118-1	1609	1550	1433	1531	5.82	cps
Titanium	47-1	167034	166969	169566	167856	0.88	cps
Uranium	238-1	11923	11473	12273	11890	3.38	cps
Vanadium	51-2	15732	15873	15609	15738	0.84	cps
Yttrium	89-1	7619453	8206180	7137672	7654435	6.99	cps
Yttrium	89-2	334136	335522	330616	333425	0.76	cps
Zinc	66-2	7646	7532	7222	7467	2.94	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02DUPDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20DUP	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:44:35	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	64830	65132	65609	65190	0.60	cps
Zirconium	91-1	14475	15159	14567	14734	2.52	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-27 20:47:56	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10361	10714	10039	10371	3.26	cps
Antimony	121-1	192	200	150	181	14.84	cps
Arsenic	75-2	93	98	85	92	7.07	cps
Barium	135-1	8787	8461	8903	8717	2.63	cps
Barium	137-1	15435	15118	14918	15157	1.72	cps
Beryllium	9-1	383	311	339	344	10.58	cps
Bismuth	209-1	5005052	5012776	5037994	5018607	0.34	cps
Bismuth	209-2	2106397	2121579	2126434	2118137	0.49	cps
Boron	10-1	1392	1475	1392	1420	3.39	cps
Boron	11-1	6368	6177	6485	6343	2.46	cps
Cadmium	111-1	1180	1028	1046	1084	7.66	cps
Cadmium	106-1	1675	1392	1433	1500	10.20	cps
Cadmium	108-1	38	25	17	26	39.73	cps
Calcium	43-1	4301	3992	3951	4081	4.69	cps
Calcium	44-1	80641	83439	83984	82688	2.17	cps
Chromium	52-2	33013	32575	32809	32799	0.67	cps
Cobalt	59-2	7929	8032	7966	7976	0.66	cps
Copper	63-2	9507	9193	9133	9278	2.16	cps
Dysprosium	156-1	4893	4801	4401	4698	5.57	cps
Dysprosium	156-2	1587	1463	1453	1501	4.95	cps
Erbium	164-1	3651	3609	3876	3712	3.87	cps
Erbium	164-2	1023	1163	1167	1118	7.32	cps
Gadolinium	160-1	4709	4551	4734	4665	2.13	cps
Gadolinium	160-2	1877	1904	1797	1859	2.99	cps
Holmium	165-1	7831644	7916765	7846879	7865096	0.58	cps
Holmium	165-2	2630484	2647809	2612069	2630121	0.68	cps
Indium	115-1	6967628	6872789	6917541	6919319	0.69	cps
Indium	115-2	445552	444702	442279	444177	0.38	cps
Iron	56-2	3433787	3415010	3425015	3424604	0.27	cps
Iron	57-2	84477	83711	83394	83861	0.66	cps
Krypton	83-1	403	450	427	427	5.47	cps
Lead	206-1	9787	9887	9938	9871	0.77	cps
Lead	207-1	8403	8592	8297	8431	1.77	cps
Lead	208-1	39270	39420	39064	39251	0.46	cps
Lithium	6-1	1938269	1944471	1954581	1945774	0.42	cps
Magnesium	24-2	31611	32513	32697	32274	1.80	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-27 20:47:56	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14151	13697	13717	13855	1.85	cps
Molybdenum	94-1	4968	5418	5326	5237	4.54	cps
Molybdenum	95-1	325	358	275	319	13.13	cps
Molybdenum	96-1	992	1150	1200	1114	9.76	cps
Molybdenum	97-1	300	217	242	253	16.92	cps
Molybdenum	98-1	542	617	467	542	13.85	cps
Neodymium	150-1	8777	8890	8997	8888	1.24	cps
Neodymium	150-2	1884	1860	1683	1809	6.05	cps
Nickel	60-2	14811	14371	14905	14696	1.94	cps
Phosphorus	31-2	75	67	42	61	28.38	cps
Potassium	39-2	8228	8211	8086	8175	0.95	cps
Rhodium	103-1	6762779	6794384	6873603	6810255	0.84	cps
Rhodium	103-2	2319596	2320258	2324810	2321555	0.12	cps
Scandium	45-1	4928831	4967462	4987006	4961100	0.60	cps
Scandium	45-2	47249	47430	48256	47645	1.13	cps
Selenium	77-2	10	17	10	12	31.50	cps
Selenium	78-2	4	4	7	5	43.39	cps
Selenium	82-1	51	-96	20	-8	-948.29	cps
Silicon	28-1	986831	938967	931353	952384	3.16	cps
Silver	109-1	1917	1809	1392	1706	16.25	cps
Silver	107-1	2042	1959	1725	1909	8.60	cps
Sodium	23-2	18046	18304	18613	18321	1.55	cps
Strontium	86-1	3192	3301	3334	3276	2.26	cps
Strontium	88-1	23379	23563	23780	23574	0.85	cps
Sulfur	34-1	367489	362201	366388	365359	0.76	cps
Terbium	159-1	8219999	8224500	8334968	8259822	0.79	cps
Terbium	159-2	2660226	2630743	2616089	2635686	0.85	cps
Thallium	203-1	450	525	608	528	15.01	cps
Thallium	205-1	1408	1142	1325	1292	10.56	cps
Tin	118-1	600	700	567	622	11.15	cps
Titanium	47-1	33984	34318	35078	34460	1.63	cps
Uranium	238-1	2392	2342	2300	2345	1.96	cps
Vanadium	51-2	3074	3254	3180	3169	2.86	cps
Yttrium	89-1	7482854	7532007	7534191	7516351	0.39	cps
Yttrium	89-2	326873	325728	326162	326254	0.18	cps
Zinc	66-2	1483	1727	1540	1583	8.04	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02LDLX25	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20LDL	Dilution Factor :	25
Date & Time Acquired ::	2018-10-27 20:47:56	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	14241	12940	13432	13538	4.85	cps
Zirconium	91-1	2842	2959	3301	3034	7.85	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MSDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:51:18 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	70880	72104	72536	71840	1.20	cps
Antimony	121-1	396131	398380	401234	398582	0.64	cps
Arsenic	75-2	11527	11581	11716	11608	0.84	cps
Barium	135-1	830282	843825	852154	842087	1.31	cps
Barium	137-1	1457720	1456178	1463644	1459181	0.27	cps
Beryllium	9-1	158736	159338	159568	159214	0.27	cps
Bismuth	209-1	4947136	4966249	4878618	4930668	0.93	cps
Bismuth	209-2	2072819	2059518	2082028	2071455	0.55	cps
Boron	10-1	17403	16794	17703	17300	2.68	cps
Boron	11-1	81514	84432	87332	84426	3.45	cps
Cadmium	111-1	175761	176924	179182	177289	0.98	cps
Cadmium	106-1	19740	19682	19949	19790	0.71	cps
Cadmium	108-1	12790	12956	13157	12968	1.42	cps
Calcium	43-1	231522	229895	233613	231677	0.80	cps
Calcium	44-1	3754134	3736780	3769581	3753498	0.44	cps
Chromium	52-2	118069	119175	119582	118942	0.66	cps
Cobalt	59-2	223540	219684	222836	222020	0.92	cps
Copper	63-2	392317	391008	389318	390881	0.38	cps
Dysprosium	156-1	11831	12965	12698	12498	4.74	cps
Dysprosium	156-2	4214	3731	4021	3988	6.10	cps
Erbium	164-1	10780	11322	10722	10941	3.03	cps
Erbium	164-2	3404	3404	3254	3354	2.58	cps
Gadolinium	160-1	12248	12523	12590	12454	1.46	cps
Gadolinium	160-2	5228	5088	4878	5064	3.48	cps
Holmium	165-1	7885106	7902818	7695897	7827940	1.47	cps
Holmium	165-2	2628723	2614605	2641513	2628280	0.51	cps
Indium	115-1	6753170	6821302	6810671	6795048	0.54	cps
Indium	115-2	435783	436232	435928	435981	0.05	cps
Iron	56-2	12574032	12542334	12561288	12559218	0.13	cps
Iron	57-2	310661	311918	313477	312019	0.45	cps
Krypton	83-1	443	420	450	438	3.60	cps
Lead	206-1	485739	490270	491891	489300	0.65	cps
Lead	207-1	420319	425019	429061	424799	1.03	cps
Lead	208-1	1932468	1952129	1946440	1943679	0.52	cps
Lithium	6-1	1919399	1938105	1926220	1927908	0.49	cps
Magnesium	24-2	536994	541965	544090	541016	0.67	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:51:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	144225	144393	145700	144773	0.56	cps
Molybdenum	94-1	1424243	1415638	1433681	1424521	0.63	cps
Molybdenum	95-1	1684397	1666317	1686052	1678922	0.65	cps
Molybdenum	96-1	1846571	1880901	1864760	1864077	0.92	cps
Molybdenum	97-1	1017458	1030742	1038218	1028806	1.02	cps
Molybdenum	98-1	2670325	2692446	2682953	2681908	0.41	cps
Neodymium	150-1	21011	21051	21712	21258	1.85	cps
Neodymium	150-2	4307	4311	4411	4343	1.35	cps
Nickel	60-2	88324	89807	87727	88620	1.21	cps
Phosphorus	31-2	142	142	225	169	28.39	cps
Potassium	39-2	135446	135724	135623	135598	0.10	cps
Rhodium	103-1	6692976	6738459	6646831	6692756	0.68	cps
Rhodium	103-2	2265301	2261964	2271501	2266255	0.21	cps
Scandium	45-1	4892052	4918857	4889451	4900120	0.33	cps
Scandium	45-2	47527	48631	48162	48107	1.15	cps
Selenium	77-2	117	97	90	101	13.73	cps
Selenium	78-2	319	356	309	328	7.47	cps
Selenium	82-1	10603	10550	10713	10622	0.78	cps
Silicon	28-1	1861848	1915670	1905995	1894504	1.51	cps
Silver	109-1	792982	791905	793158	792681	0.09	cps
Silver	107-1	837123	834604	853139	841622	1.19	cps
Sodium	23-2	912643	910766	911517	911642	0.10	cps
Strontium	86-1	230507	233744	231285	231846	0.73	cps
Strontium	88-1	2069894	2055792	2032695	2052794	0.91	cps
Sulfur	34-1	371176	366734	364285	367399	0.95	cps
Terbium	159-1	8269038	8291051	8147586	8235892	0.94	cps
Terbium	159-2	2612263	2614008	2606550	2610940	0.15	cps
Thallium	203-1	546730	544757	545538	545675	0.18	cps
Thallium	205-1	1313649	1308152	1313154	1311652	0.23	cps
Tin	118-1	457575	458574	464085	460078	0.76	cps
Titanium	47-1	659065	664448	667585	663699	0.65	cps
Uranium	238-1	1749959	1746908	1740183	1745683	0.29	cps
Vanadium	51-2	83628	84131	84422	84060	0.48	cps
Yttrium	89-1	7617435	7588150	7440165	7548583	1.26	cps
Yttrium	89-2	324218	327721	326929	326290	0.56	cps
Zinc	66-2	41836	42177	41475	41830	0.84	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:51:18	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1241637	1231570	1251132	1241446	0.79	cps
Zirconium	91-1	278954	276202	279223	278126	0.60	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-02MSDDLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-20MSD Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 20:54:37 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	78577	79012	78562	78717	0.32	cps
Antimony	121-1	443882	445476	446670	445343	0.31	cps
Arsenic	75-2	12424	12508	12406	12446	0.44	cps
Barium	135-1	908102	907713	909729	908515	0.12	cps
Barium	137-1	1591047	1597601	1579592	1589414	0.57	cps
Beryllium	9-1	174747	175354	175399	175167	0.21	cps
Bismuth	209-1	4967983	5016441	5014314	4999579	0.55	cps
Bismuth	209-2	2038867	2078546	2088709	2068707	1.27	cps
Boron	10-1	18371	19297	19873	19180	3.95	cps
Boron	11-1	93118	96683	98034	95945	2.65	cps
Cadmium	111-1	196333	198713	197055	197367	0.62	cps
Cadmium	106-1	20658	21919	21426	21334	2.98	cps
Cadmium	108-1	13586	13661	14008	13752	1.63	cps
Calcium	43-1	250495	253033	255664	253064	1.02	cps
Calcium	44-1	4119684	4152622	4168636	4146981	0.60	cps
Chromium	52-2	134794	134630	135589	135004	0.38	cps
Cobalt	59-2	244413	243324	244399	244045	0.26	cps
Copper	63-2	422975	423098	419518	421863	0.48	cps
Dysprosium	156-1	14333	14459	14767	14520	1.54	cps
Dysprosium	156-2	4387	4711	4618	4572	3.64	cps
Erbium	164-1	11798	12273	12140	12070	2.03	cps
Erbium	164-2	3864	3567	3764	3732	4.05	cps
Gadolinium	160-1	13491	14050	14250	13930	2.82	cps
Gadolinium	160-2	5778	5555	5481	5605	2.76	cps
Holmium	165-1	8054103	7998792	7925789	7992895	0.81	cps
Holmium	165-2	2579345	2603385	2622030	2601587	0.82	cps
Indium	115-1	6883383	6848542	6825456	6852460	0.43	cps
Indium	115-2	429779	430728	429259	429922	0.17	cps
Iron	56-2	14228287	14129634	14155113	14171011	0.36	cps
Iron	57-2	352021	351802	351764	351862	0.04	cps
Krypton	83-1	433	533	390	452	16.26	cps
Lead	206-1	537879	541651	547844	542458	0.93	cps
Lead	207-1	466889	471473	469896	469419	0.50	cps
Lead	208-1	2139101	2157997	2171472	2156190	0.75	cps
Lithium	6-1	1949832	1928778	1921320	1933310	0.76	cps
Magnesium	24-2	596842	601395	594908	597715	0.56	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:54:37	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	136307	135223	135406	135645	0.43	cps
Molybdenum	94-1	1561373	1577258	1557607	1565412	0.67	cps
Molybdenum	95-1	1836911	1844092	1826857	1835953	0.47	cps
Molybdenum	96-1	2055230	2054994	2051294	2053839	0.11	cps
Molybdenum	97-1	1123815	1127012	1127786	1126205	0.19	cps
Molybdenum	98-1	2922837	2954708	2913156	2930234	0.74	cps
Neodymium	150-1	24577	24504	23989	24357	1.31	cps
Neodymium	150-2	5044	4911	5241	5066	3.28	cps
Nickel	60-2	100170	101151	100761	100694	0.49	cps
Phosphorus	31-2	158	167	108	144	21.84	cps
Potassium	39-2	145671	146698	145654	146008	0.41	cps
Rhodium	103-1	6649232	6694332	6621332	6654965	0.55	cps
Rhodium	103-2	2235774	2240801	2235119	2237231	0.14	cps
Scandium	45-1	4951872	4982983	5000262	4978372	0.49	cps
Scandium	45-2	47313	46952	46972	47079	0.43	cps
Selenium	77-2	107	150	130	129	16.83	cps
Selenium	78-2	331	381	411	375	10.74	cps
Selenium	82-1	11679	11652	11692	11675	0.17	cps
Silicon	28-1	4921247	4972591	5002412	4965417	0.83	cps
Silver	109-1	882890	880529	873612	879010	0.55	cps
Silver	107-1	916094	918096	909681	914624	0.48	cps
Sodium	23-2	1009333	1009154	1011961	1010149	0.16	cps
Strontium	86-1	254379	254913	253228	254173	0.34	cps
Strontium	88-1	2226775	2237097	2240738	2234870	0.32	cps
Sulfur	34-1	359213	364724	358686	360874	0.93	cps
Terbium	159-1	8254282	8239407	8285114	8259601	0.28	cps
Terbium	159-2	2609802	2579214	2610496	2599837	0.69	cps
Thallium	203-1	611971	597374	603369	604238	1.21	cps
Thallium	205-1	1434983	1444709	1451266	1443653	0.57	cps
Tin	118-1	489037	487403	491896	489445	0.46	cps
Titanium	47-1	730192	733107	744446	735915	1.02	cps
Uranium	238-1	1896407	1924463	1951249	1924039	1.43	cps
Vanadium	51-2	92862	93053	92607	92840	0.24	cps
Yttrium	89-1	7520611	7585596	7633482	7579896	0.75	cps
Yttrium	89-2	324103	322920	326584	324536	0.58	cps
Zinc	66-2	45632	46214	45407	45751	0.91	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02MSDDLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20MSD	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:54:37	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1358188	1375316	1373230	1368911	0.68	cps
Zirconium	91-1	304640	307880	309176	307232	0.76	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	74927	74698	73903	74509	0.72	cps
Antimony	121-1	422829	425875	421011	423238	0.58	cps
Arsenic	75-2	11794	11927	11855	11859	0.56	cps
Barium	135-1	871777	871639	868394	870603	0.22	cps
Barium	137-1	1511905	1508737	1512607	1511083	0.14	cps
Beryllium	9-1	167693	166602	167248	167181	0.33	cps
Bismuth	209-1	4932267	4939320	5050747	4974112	1.34	cps
Bismuth	209-2	2060098	2076247	2027527	2054624	1.21	cps
Boron	10-1	18204	18029	18763	18332	2.09	cps
Boron	11-1	91508	95156	94377	93680	2.05	cps
Cadmium	111-1	188042	186926	186560	187176	0.41	cps
Cadmium	106-1	19924	19815	19890	19876	0.28	cps
Cadmium	108-1	13194	13169	13787	13383	2.61	cps
Calcium	43-1	239026	239648	240004	239560	0.21	cps
Calcium	44-1	3902682	3909547	3965887	3926039	0.88	cps
Chromium	52-2	125950	125351	125600	125634	0.24	cps
Cobalt	59-2	231921	231592	231370	231627	0.12	cps
Copper	63-2	403198	400843	400187	401409	0.39	cps
Dysprosium	156-1	13549	12990	13908	13483	3.43	cps
Dysprosium	156-2	4461	4241	4391	4364	2.58	cps
Erbium	164-1	11289	11664	11472	11475	1.64	cps
Erbium	164-2	3571	3437	3527	3512	1.94	cps
Gadolinium	160-1	13533	13508	13391	13477	0.56	cps
Gadolinium	160-2	5288	5401	5285	5325	1.25	cps
Holmium	165-1	7910533	7841772	7907471	7886592	0.49	cps
Holmium	165-2	2581283	2556561	2553897	2563914	0.59	cps
Indium	115-1	6776442	6742194	6701936	6740191	0.55	cps
Indium	115-2	431548	428599	428587	429578	0.40	cps
Iron	56-2	13264686	13309514	13131535	13235245	0.70	cps
Iron	57-2	329788	328297	325455	327847	0.67	cps
Krypton	83-1	403	477	497	459	10.71	cps
Lead	206-1	510372	512957	517650	513660	0.72	cps
Lead	207-1	446310	443521	444552	444794	0.32	cps
Lead	208-1	2040688	2039328	2059457	2046491	0.55	cps
Lithium	6-1	1913447	1912704	1878377	1901509	1.05	cps
Magnesium	24-2	561605	564054	558228	561296	0.52	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	138831	138633	136886	138116	0.78	cps
Molybdenum	94-1	1508965	1488474	1485749	1494396	0.85	cps
Molybdenum	95-1	1749404	1740469	1755597	1748490	0.43	cps
Molybdenum	96-1	1950847	1934814	1940186	1941949	0.42	cps
Molybdenum	97-1	1059526	1073096	1069348	1067323	0.66	cps
Molybdenum	98-1	2753421	2812764	2766751	2777645	1.12	cps
Neodymium	150-1	23081	22694	23435	23070	1.61	cps
Neodymium	150-2	4574	4841	4438	4618	4.44	cps
Nickel	60-2	94138	95468	92981	94196	1.32	cps
Phosphorus	31-2	92	158	175	142	31.13	cps
Potassium	39-2	140967	137709	139941	139539	1.19	cps
Rhodium	103-1	6604453	6644865	6661858	6637059	0.44	cps
Rhodium	103-2	2245598	2252077	2237136	2244937	0.33	cps
Scandium	45-1	4870381	4851587	4869994	4863987	0.22	cps
Scandium	45-2	47316	48002	46958	47425	1.12	cps
Selenium	77-2	83	133	117	111	22.92	cps
Selenium	78-2	350	343	270	321	13.70	cps
Selenium	82-1	11147	11163	10829	11046	1.71	cps
Silicon	28-1	3382589	3530254	3371778	3428207	2.58	cps
Silver	109-1	836159	837526	831841	835175	0.36	cps
Silver	107-1	876444	872383	865840	871556	0.61	cps
Sodium	23-2	957379	955911	943146	952145	0.82	cps
Strontium	86-1	242552	239406	241958	241306	0.69	cps
Strontium	88-1	2148117	2146491	2119112	2137907	0.76	cps
Sulfur	34-1	358237	353605	354917	355586	0.67	cps
Terbium	159-1	8293141	8215284	8370997	8293141	0.94	cps
Terbium	159-2	2568526	2595212	2572255	2578664	0.56	cps
Thallium	203-1	576460	574753	583289	578167	0.78	cps
Thallium	205-1	1367527	1369132	1382311	1372990	0.59	cps
Tin	118-1	472330	476395	477038	475254	0.54	cps
Titanium	47-1	694236	695477	698211	695975	0.29	cps
Uranium	238-1	1822486	1803386	1853437	1826436	1.38	cps
Vanadium	51-2	87823	87149	87360	87444	0.39	cps
Yttrium	89-1	7488859	7413969	7496268	7466366	0.61	cps
Yttrium	89-2	325489	322298	319242	322343	0.97	cps
Zinc	66-2	43251	42809	42936	42999	0.53	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-02ADLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-20ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 20:57:56	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1300461	1303738	1298010	1300736	0.22	cps
Zirconium	91-1	292109	290347	293817	292091	0.59	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:01:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	34598	34781	34826	34735	0.35	cps
Antimony	121-1	433	325	350	369	15.35	cps
Arsenic	75-2	439	457	419	438	4.44	cps
Barium	135-1	44250	43774	42134	43386	2.56	cps
Barium	137-1	75281	74804	74695	74927	0.42	cps
Beryllium	9-1	550	744	639	644	15.11	cps
Bismuth	209-1	5099239	4984853	5833772	5305955	8.68	cps
Bismuth	209-2	2140683	2121921	2074449	2112351	1.62	cps
Boron	10-1	2467	2375	2275	2373	4.04	cps
Boron	11-1	12247	11355	11122	11575	5.13	cps
Cadmium	111-1	1203	1288	1428	1306	8.71	cps
Cadmium	106-1	1467	1559	1850	1625	12.32	cps
Cadmium	108-1	58	46	54	53	12.06	cps
Calcium	43-1	26192	25374	25575	25714	1.66	cps
Calcium	44-1	432157	429692	425019	428956	0.85	cps
Chromium	52-2	15959	15435	15319	15571	2.19	cps
Cobalt	59-2	14695	14641	14791	14709	0.52	cps
Copper	63-2	27901	27918	27571	27797	0.70	cps
Dysprosium	156-1	10621	10955	10697	10758	1.63	cps
Dysprosium	156-2	3371	3504	3571	3482	2.93	cps
Erbium	164-1	9120	8945	9354	9140	2.24	cps
Erbium	164-2	2770	2670	2810	2750	2.62	cps
Gadolinium	160-1	10288	10880	10213	10460	3.49	cps
Gadolinium	160-2	4234	4251	4034	4173	2.89	cps
Holmium	165-1	7910122	7796155	9121603	8275960	8.88	cps
Holmium	165-2	2701776	2661909	2618200	2660628	1.57	cps
Indium	115-1	6796095	6743409	7978428	7172644	9.74	cps
Indium	115-2	451327	443630	443634	446197	1.00	cps
Iron	56-2	8718495	8690464	8645489	8684816	0.42	cps
Iron	57-2	217877	215507	215733	216373	0.60	cps
Krypton	83-1	507	477	457	480	5.24	cps
Lead	206-1	226048	221524	219625	222399	1.48	cps
Lead	207-1	188521	188221	183160	186634	1.61	cps
Lead	208-1	872732	869646	853177	865185	1.22	cps
Lithium	6-1	1969281	1916821	2183237	2023113	6.98	cps
Magnesium	24-2	137415	137359	134615	136463	1.17	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:01:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	51388	51428	51344	51386	0.08	cps
Molybdenum	94-1	16177	16152	15676	16002	1.76	cps
Molybdenum	95-1	1150	1258	933	1114	14.86	cps
Molybdenum	96-1	3526	3959	3684	3723	5.89	cps
Molybdenum	97-1	917	858	683	820	14.82	cps
Molybdenum	98-1	1800	2000	1825	1875	5.81	cps
Neodymium	150-1	18454	18100	17706	18086	2.07	cps
Neodymium	150-2	3804	3617	3467	3629	4.65	cps
Nickel	60-2	29271	28790	28382	28814	1.54	cps
Phosphorus	31-2	108	158	217	161	33.65	cps
Potassium	39-2	18638	19667	18388	18898	3.59	cps
Rhodium	103-1	6802663	6628638	7754116	7061806	8.58	cps
Rhodium	103-2	2393475	2296930	2306751	2332385	2.28	cps
Scandium	45-1	4943974	4834137	5710670	5162927	9.25	cps
Scandium	45-2	50400	48269	48380	49016	2.45	cps
Selenium	77-2	20	7	23	17	52.90	cps
Selenium	78-2	13	20	17	17	22.23	cps
Selenium	82-1	-25	64	62	34	151.64	cps
Silicon	28-1	2529796	2643855	2497965	2557205	3.00	cps
Silver	109-1	3559	3109	2359	3009	20.15	cps
Silver	107-1	3776	3576	3109	3487	9.81	cps
Sodium	23-2	19088	18705	17845	18546	3.43	cps
Strontium	86-1	14950	13899	13691	14180	4.76	cps
Strontium	88-1	118185	116511	115672	116789	1.10	cps
Sulfur	34-1	351261	354266	350524	352017	0.56	cps
Terbium	159-1	8321561	8181322	9468923	8657269	8.16	cps
Terbium	159-2	2690164	2655229	2609520	2651638	1.53	cps
Thallium	203-1	850	908	950	903	5.56	cps
Thallium	205-1	1892	2134	2059	2028	6.10	cps
Tin	118-1	3567	4268	3551	3795	10.78	cps
Titanium	47-1	132909	132849	130865	132208	0.88	cps
Uranium	238-1	8537	8787	9104	8809	3.23	cps
Vanadium	51-2	10848	10427	10517	10598	2.09	cps
Yttrium	89-1	7498306	7429811	8781900	7903339	9.64	cps
Yttrium	89-2	334959	332454	328338	331917	1.01	cps
Zinc	66-2	11331	11151	10818	11100	2.35	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:01:15	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	42384	42651	40896	41977	2.25	cps
Zirconium	91-1	9412	9087	9053	9184	2.16	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : J5585-06DLX5 Instrumnet Name : P8
 Client Sample ID : SSSI-1017-S-DH-19ADL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-27 21:04:36 DataFile Name : 051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50760	50554	49802	50372	1.00	cps
Antimony	121-1	100	125	225	150	44.10	cps
Arsenic	75-2	337	331	343	337	1.65	cps
Barium	135-1	41140	41833	40588	41187	1.52	cps
Barium	137-1	71042	71008	72910	71653	1.52	cps
Beryllium	9-1	789	911	839	846	7.26	cps
Bismuth	209-1	4948547	4978043	4924601	4950397	0.54	cps
Bismuth	209-2	2089935	2057509	1993340	2046928	2.40	cps
Boron	10-1	2042	1784	1759	1861	8.43	cps
Boron	11-1	8653	8244	8336	8411	2.55	cps
Cadmium	111-1	1068	1007	1286	1120	13.09	cps
Cadmium	106-1	1417	1350	1684	1483	11.89	cps
Cadmium	108-1	58	25	38	40	41.81	cps
Calcium	43-1	31929	32572	32522	32341	1.11	cps
Calcium	44-1	535043	535921	532702	534556	0.31	cps
Chromium	52-2	22388	22044	22037	22157	0.91	cps
Cobalt	59-2	28095	28219	27998	28104	0.39	cps
Copper	63-2	35419	35302	35128	35283	0.41	cps
Dysprosium	156-1	14692	15018	15009	14906	1.25	cps
Dysprosium	156-2	5174	5358	5061	5198	2.88	cps
Erbium	164-1	13908	13566	13549	13674	1.48	cps
Erbium	164-2	4107	4294	4177	4193	2.25	cps
Gadolinium	160-1	15393	14909	14884	15062	1.90	cps
Gadolinium	160-2	6172	6228	6562	6321	3.34	cps
Holmium	165-1	7724505	7894151	7876201	7831619	1.19	cps
Holmium	165-2	2632498	2608459	2514437	2585131	2.41	cps
Indium	115-1	6901929	6839827	6815335	6852363	0.65	cps
Indium	115-2	441606	440611	429920	437379	1.48	cps
Iron	56-2	11884313	11843942	11868947	11865734	0.17	cps
Iron	57-2	295749	296057	293023	294943	0.57	cps
Krypton	83-1	450	367	427	414	10.37	cps
Lead	206-1	89329	88574	89503	89135	0.55	cps
Lead	207-1	74999	75619	74551	75057	0.71	cps
Lead	208-1	349846	351141	346679	349222	0.66	cps
Lithium	6-1	1927259	1892880	1944149	1921429	1.36	cps
Magnesium	24-2	686139	683407	680030	683192	0.45	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:04:36	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96615	96164	97172	96650	0.52	cps
Molybdenum	94-1	22336	23387	24381	23368	4.38	cps
Molybdenum	95-1	958	925	992	958	3.48	cps
Molybdenum	96-1	5034	4826	4518	4793	5.43	cps
Molybdenum	97-1	575	675	642	631	8.08	cps
Molybdenum	98-1	1584	1433	1408	1475	6.42	cps
Neodymium	150-1	24644	24343	24263	24417	0.82	cps
Neodymium	150-2	5071	5101	5191	5121	1.22	cps
Nickel	60-2	137673	134455	136726	136285	1.21	cps
Phosphorus	31-2	192	200	117	169	27.09	cps
Potassium	39-2	25983	26375	25198	25852	2.32	cps
Rhodium	103-1	6697385	6675404	6727955	6700248	0.39	cps
Rhodium	103-2	2303034	2290467	2232046	2275182	1.67	cps
Scandium	45-1	4985679	4960115	4995731	4980508	0.37	cps
Scandium	45-2	48420	48985	47470	48292	1.59	cps
Selenium	77-2	30	13	70	38	77.10	cps
Selenium	78-2	26	24	28	26	7.15	cps
Selenium	82-1	20	111	45	59	79.82	cps
Silicon	28-1	490456	511233	491551	497747	2.35	cps
Silver	109-1	3042	2650	2092	2595	18.40	cps
Silver	107-1	2925	2942	2717	2862	4.38	cps
Sodium	23-2	29807	30225	29791	29941	0.82	cps
Strontium	86-1	18004	18931	18480	18472	2.51	cps
Strontium	88-1	157727	159186	157761	158224	0.53	cps
Sulfur	34-1	349226	347508	344573	347102	0.68	cps
Terbium	159-1	8202381	8123945	8210472	8178933	0.58	cps
Terbium	159-2	2615037	2634386	2542599	2597341	1.86	cps
Thallium	203-1	917	908	917	914	0.53	cps
Thallium	205-1	2092	1834	2025	1984	6.76	cps
Tin	118-1	1834	2084	1992	1970	6.42	cps
Titanium	47-1	88940	88186	88228	88451	0.48	cps
Uranium	238-1	7094	7511	7519	7375	3.30	cps
Vanadium	51-2	11058	11095	10698	10950	2.00	cps
Yttrium	89-1	7618352	7605776	7631902	7618677	0.17	cps
Yttrium	89-2	334688	334044	324295	331009	1.76	cps
Zinc	66-2	8213	8589	8840	8547	3.69	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5585-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1017-S-DH-19ADL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:04:36	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	63809	61481	62586	62625	1.86	cps
Zirconium	91-1	13824	14083	14425	14111	2.13	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42928	42428	43211	42856	0.92	cps
Antimony	121-1	750	1008	750	836	17.84	cps
Arsenic	75-2	1207	1265	1204	1225	2.80	cps
Barium	135-1	72239	71728	71694	71887	0.42	cps
Barium	137-1	121841	125575	123440	123619	1.52	cps
Beryllium	9-1	883	872	833	863	3.04	cps
Bismuth	209-1	4817800	4723012	4791507	4777440	1.02	cps
Bismuth	209-2	2064565	2073604	2133073	2090414	1.78	cps
Boron	10-1	1358	1317	1350	1342	1.64	cps
Boron	11-1	6735	6919	6643	6766	2.07	cps
Cadmium	111-1	1326	1206	1249	1260	4.83	cps
Cadmium	106-1	1550	1283	1350	1395	9.95	cps
Cadmium	108-1	67	67	54	63	11.55	cps
Calcium	43-1	20883	20624	20674	20727	0.66	cps
Calcium	44-1	347092	350287	350079	349153	0.51	cps
Chromium	52-2	28589	29274	28943	28936	1.18	cps
Cobalt	59-2	19604	19177	19384	19388	1.10	cps
Copper	63-2	47862	47514	47809	47728	0.39	cps
Dysprosium	156-1	12048	12181	12231	12153	0.78	cps
Dysprosium	156-2	4067	4087	3964	4040	1.64	cps
Erbium	164-1	10747	10671	11089	10836	2.05	cps
Erbium	164-2	3207	3461	3374	3347	3.85	cps
Gadolinium	160-1	12156	12265	12031	12151	0.96	cps
Gadolinium	160-2	4974	4864	4848	4895	1.41	cps
Holmium	165-1	7477906	7501765	7608255	7529309	0.92	cps
Holmium	165-2	2585333	2601459	2670659	2619150	1.73	cps
Indium	115-1	6576774	6507918	6667141	6583945	1.21	cps
Indium	115-2	436704	443614	457958	446092	2.43	cps
Iron	56-2	11889498	11915569	11847717	11884261	0.29	cps
Iron	57-2	296360	295902	294401	295554	0.35	cps
Krypton	83-1	443	473	507	474	6.68	cps
Lead	206-1	494486	499994	502213	498898	0.80	cps
Lead	207-1	412573	413046	417017	414212	0.59	cps
Lead	208-1	1939519	1932680	1941729	1937976	0.24	cps
Lithium	6-1	1875496	1888848	1905574	1889973	0.80	cps
Magnesium	24-2	113929	114366	112970	113755	0.63	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	143592	143801	142248	143214	0.59	cps
Molybdenum	94-1	16461	16261	16519	16413	0.83	cps
Molybdenum	95-1	1825	1792	1950	1856	4.50	cps
Molybdenum	96-1	4643	4501	4893	4679	4.24	cps
Molybdenum	97-1	1142	1492	1308	1314	13.32	cps
Molybdenum	98-1	3234	2917	3084	3078	5.15	cps
Neodymium	150-1	20583	20757	21057	20799	1.15	cps
Neodymium	150-2	4431	4438	4231	4366	2.69	cps
Nickel	60-2	44197	44210	44672	44360	0.61	cps
Phosphorus	31-2	167	150	125	147	14.24	cps
Potassium	39-2	22102	20516	21684	21434	3.84	cps
Rhodium	103-1	6457170	6450588	6580154	6495971	1.12	cps
Rhodium	103-2	2300330	2280603	2373610	2318181	2.11	cps
Scandium	45-1	4769571	4745618	4893405	4802865	1.65	cps
Scandium	45-2	48376	48952	49534	48954	1.18	cps
Selenium	77-2	30	20	37	29	29.04	cps
Selenium	78-2	11	13	17	14	20.85	cps
Selenium	82-1	44	-23	-65	-14	-382.75	cps
Silicon	28-1	2845987	2854101	2808400	2836163	0.86	cps
Silver	109-1	3351	3176	2675	3067	11.42	cps
Silver	107-1	3601	3359	3000	3320	9.10	cps
Sodium	23-2	23821	23487	23504	23604	0.80	cps
Strontium	86-1	16335	16669	16836	16613	1.53	cps
Strontium	88-1	139500	142898	140601	141000	1.23	cps
Sulfur	34-1	337964	337714	333535	336405	0.74	cps
Terbium	159-1	7917745	7838924	7927894	7894854	0.62	cps
Terbium	159-2	2621888	2611948	2710575	2648137	2.05	cps
Thallium	203-1	833	925	692	817	14.40	cps
Thallium	205-1	2092	1767	1667	1842	12.07	cps
Tin	118-1	3792	4143	3817	3917	4.99	cps
Titanium	47-1	134364	134542	134834	134580	0.18	cps
Uranium	238-1	11197	12173	11514	11628	4.28	cps
Vanadium	51-2	14164	14294	14451	14303	1.00	cps
Yttrium	89-1	7262280	7197763	7395886	7285309	1.39	cps
Yttrium	89-2	327651	329636	344513	333933	2.76	cps
Zinc	66-2	16223	15769	15889	15960	1.47	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-02DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-13DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:07:57	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	41932	42024	43170	42375	1.63	cps
Zirconium	91-1	9062	9595	9354	9337	2.86	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35806	36050	35187	35681	1.25	cps
Antimony	121-1	667	525	500	564	15.94	cps
Arsenic	75-2	872	907	874	885	2.24	cps
Barium	135-1	90685	89888	90408	90327	0.45	cps
Barium	137-1	157022	156619	156229	156623	0.25	cps
Beryllium	9-1	594	639	644	626	4.38	cps
Bismuth	209-1	4997745	4899754	4909177	4935559	1.10	cps
Bismuth	209-2	2074571	2088318	2073109	2078666	0.40	cps
Boron	10-1	1167	1150	1067	1128	4.75	cps
Boron	11-1	5926	6277	5651	5951	5.27	cps
Cadmium	111-1	1658	1667	1735	1686	2.50	cps
Cadmium	106-1	1500	1517	1725	1581	7.93	cps
Cadmium	108-1	67	58	104	76	31.96	cps
Calcium	43-1	20007	19790	19656	19818	0.89	cps
Calcium	44-1	336098	334898	333264	334753	0.42	cps
Chromium	52-2	35585	36334	36284	36068	1.16	cps
Cobalt	59-2	16086	15636	15682	15801	1.57	cps
Copper	63-2	39987	39814	39396	39732	0.77	cps
Dysprosium	156-1	10630	10046	9746	10141	4.43	cps
Dysprosium	156-2	3270	3437	3267	3325	2.92	cps
Erbium	164-1	9170	9654	8828	9218	4.50	cps
Erbium	164-2	2844	3010	2914	2923	2.86	cps
Gadolinium	160-1	10605	10288	10413	10435	1.53	cps
Gadolinium	160-2	4084	4024	4281	4130	3.25	cps
Holmium	165-1	7800493	7753762	7808262	7787506	0.38	cps
Holmium	165-2	2595317	2652123	2640555	2629332	1.14	cps
Indium	115-1	6727988	6773830	6846187	6782669	0.88	cps
Indium	115-2	440995	444684	444141	443273	0.45	cps
Iron	56-2	12964862	13007817	12883378	12952019	0.49	cps
Iron	57-2	319373	319864	320456	319898	0.17	cps
Krypton	83-1	393	440	383	406	7.46	cps
Lead	206-1	1389103	1392197	1388669	1389990	0.14	cps
Lead	207-1	1192496	1179825	1184450	1185590	0.54	cps
Lead	208-1	5578533	5531989	5527766	5546096	0.51	cps
Lithium	6-1	1899865	1929837	1926713	1918805	0.86	cps
Magnesium	24-2	97097	96392	96779	96756	0.36	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92628	92111	92329	92356	0.28	cps
Molybdenum	94-1	14300	15134	14433	14622	3.06	cps
Molybdenum	95-1	1175	1017	1192	1128	8.56	cps
Molybdenum	96-1	3834	3692	3884	3803	2.61	cps
Molybdenum	97-1	650	775	775	733	9.84	cps
Molybdenum	98-1	1742	1909	1759	1803	5.09	cps
Neodymium	150-1	18013	17926	18140	18026	0.60	cps
Neodymium	150-2	3774	3684	3654	3704	1.69	cps
Nickel	60-2	35913	36000	34703	35539	2.04	cps
Phosphorus	31-2	150	217	208	192	18.95	cps
Potassium	39-2	17846	17779	17678	17767	0.47	cps
Rhodium	103-1	6622284	6731101	6658370	6670585	0.83	cps
Rhodium	103-2	2301798	2291935	2275816	2289850	0.57	cps
Scandium	45-1	4923465	4981786	4917040	4940764	0.72	cps
Scandium	45-2	49510	48651	49216	49126	0.89	cps
Selenium	77-2	13	23	47	28	61.59	cps
Selenium	78-2	15	7	7	10	43.26	cps
Selenium	82-1	20	40	72	44	59.27	cps
Silicon	28-1	638070	667125	632093	645762	2.90	cps
Silver	109-1	3017	2609	2242	2623	14.79	cps
Silver	107-1	3409	2750	2534	2898	15.73	cps
Sodium	23-2	20215	20582	21083	20627	2.11	cps
Strontium	86-1	19081	19006	18213	18766	2.56	cps
Strontium	88-1	157821	157694	157559	157691	0.08	cps
Sulfur	34-1	337278	337416	338672	337789	0.23	cps
Terbium	159-1	8165279	8168494	8091023	8141599	0.54	cps
Terbium	159-2	2605423	2623069	2578899	2602464	0.85	cps
Thallium	203-1	600	717	767	694	12.32	cps
Thallium	205-1	1509	1392	1625	1508	7.74	cps
Tin	118-1	3734	3834	4059	3876	4.30	cps
Titanium	47-1	91490	90819	90206	90838	0.71	cps
Uranium	238-1	9287	9479	9179	9315	1.63	cps
Vanadium	51-2	11688	11578	12032	11766	2.01	cps
Yttrium	89-1	7530360	7466662	7403772	7466931	0.85	cps
Yttrium	89-2	333152	332322	328653	331375	0.72	cps
Zinc	66-2	36438	36846	36882	36722	0.67	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-04DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-14DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:11:18	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	38765	39425	38748	38979	0.99	cps
Zirconium	91-1	8411	8887	8628	8642	2.75	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	494672	504837	495254	498254	1.15	cps
Antimony	121-1	4106108	4041362	4041214	4062895	0.92	cps
Arsenic	75-2	61932	63247	61943	62374	1.21	cps
Barium	135-1	4314398	4238708	4219811	4257639	1.18	cps
Barium	137-1	7353076	7289862	7256457	7299798	0.67	cps
Beryllium	9-1	828085	821944	818721	822917	0.58	cps
Bismuth	209-1	4908969	4945772	4939425	4931389	0.40	cps
Bismuth	209-2	2098889	1876904	1911435	1962410	6.09	cps
Boron	10-1	84239	88304	91651	88064	4.21	cps
Boron	11-1	411254	428044	442293	427197	3.64	cps
Cadmium	111-1	904197	904086	901868	903384	0.15	cps
Cadmium	106-1	94069	94212	93280	93853	0.53	cps
Cadmium	108-1	63825	64939	64487	64417	0.87	cps
Calcium	43-1	5602197	5558946	5541613	5567585	0.56	cps
Calcium	44-1	90537556	90594056	89878054	90336555	0.44	cps
Chromium	52-2	553906	565474	556716	558699	1.08	cps
Cobalt	59-2	1075766	1086159	1087667	1083197	0.60	cps
Copper	63-2	1869016	1883251	1870134	1874133	0.42	cps
Dysprosium	156-1	75	75	75	75	0.01	cps
Dysprosium	156-2	3	10	7	7	50.03	cps
Erbium	164-1	33	92	42	56	56.79	cps
Erbium	164-2	17	3	13	11	62.48	cps
Gadolinium	160-1	67	33	125	75	61.87	cps
Gadolinium	160-2	17	17	17	17	0.00	cps
Holmium	165-1	8084789	8332274	8228024	8215029	1.51	cps
Holmium	165-2	2774862	2510651	2564310	2616608	5.34	cps
Indium	115-1	6854153	6929453	6913269	6898958	0.57	cps
Indium	115-2	451906	410043	411755	424568	5.58	cps
Iron	56-2	93928063	95487963	95043997	94820008	0.85	cps
Iron	57-2	2411473	2427491	2387191	2408718	0.84	cps
Krypton	83-1	420	393	407	407	3.28	cps
Lead	206-1	2340060	2333372	2325533	2332989	0.31	cps
Lead	207-1	2119735	2125445	2164860	2136680	1.15	cps
Lead	208-1	9445422	9459893	9538878	9481398	0.53	cps
Lithium	6-1	1911368	1901858	1903811	1905679	0.26	cps
Magnesium	24-2	10275880	10360875	10245406	10294054	0.58	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	331076	334938	330873	332296	0.69	cps
Molybdenum	94-1	7660926	7599839	7539288	7600018	0.80	cps
Molybdenum	95-1	9296319	9347678	9174960	9272986	0.96	cps
Molybdenum	96-1	10210459	10251954	10102375	10188263	0.76	cps
Molybdenum	97-1	5842154	5830434	5793480	5822023	0.44	cps
Molybdenum	98-1	14960907	14945588	14751688	14886061	0.78	cps
Neodymium	150-1	220	160	133	171	25.94	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	326329	329807	327878	328005	0.53	cps
Phosphorus	31-2	6694	6860	6677	6744	1.50	cps
Potassium	39-2	2969074	2975339	2936907	2960440	0.70	cps
Rhodium	103-1	6510321	6571213	6595015	6558850	0.67	cps
Rhodium	103-2	2325465	2117025	2112304	2184931	5.57	cps
Scandium	45-1	5074069	5084810	5112795	5090558	0.39	cps
Scandium	45-2	50698	47615	47416	48576	3.79	cps
Selenium	77-2	553	543	563	553	1.81	cps
Selenium	78-2	1711	1746	1745	1734	1.14	cps
Selenium	82-1	59403	59773	59131	59436	0.54	cps
Silicon	28-1	2783236	2830264	2870094	2827864	1.54	cps
Silver	109-1	4309989	4228991	4187887	4242289	1.46	cps
Silver	107-1	4520579	4534742	4467382	4507568	0.79	cps
Sodium	23-2	22921530	22889121	22734968	22848540	0.44	cps
Strontium	86-1	1156274	1165290	1146884	1156149	0.80	cps
Strontium	88-1	9988689	10047547	10023489	10019908	0.30	cps
Sulfur	34-1	700178	694385	688799	694454	0.82	cps
Terbium	159-1	8521095	8640029	8627684	8596270	0.76	cps
Terbium	159-2	2767752	2531250	2532301	2610434	5.22	cps
Thallium	203-1	2880045	2905529	2888207	2891261	0.45	cps
Thallium	205-1	6794411	6823237	6757376	6791675	0.49	cps
Tin	118-1	2807665	2830596	2799258	2812506	0.58	cps
Titanium	47-1	2805984	2768121	2799390	2791165	0.72	cps
Uranium	238-1	9061722	9067035	8894387	9007715	1.09	cps
Vanadium	51-2	392021	395729	391715	393155	0.57	cps
Yttrium	89-1	7576988	7733250	7642568	7650935	1.03	cps
Yttrium	89-2	342291	309964	311657	321304	5.66	cps
Zinc	66-2	180339	182476	180379	181064	0.68	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P8
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:14:39	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6243482	6371916	6335203	6316867	1.05	cps
Zirconium	91-1	1416870	1428374	1424308	1423184	0.41	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 21:17:49 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	20	23	27	35.48	cps
Antimony	121-1	775	808	967	850	12.05	cps
Arsenic	75-2	4	7	15	9	65.47	cps
Barium	135-1	50	108	75	78	37.63	cps
Barium	137-1	125	92	92	103	18.73	cps
Beryllium	9-1	200	300	200	233	24.74	cps
Bismuth	209-1	5480577	5411504	5378019	5423367	0.96	cps
Bismuth	209-2	2212674	2015438	2201362	2143158	5.17	cps
Boron	10-1	3409	3501	3042	3317	7.31	cps
Boron	11-1	17720	16151	14658	16176	9.47	cps
Cadmium	111-1	1114	1023	1030	1055	4.81	cps
Cadmium	106-1	1542	1433	1442	1472	4.10	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	383	400	325	369	10.66	cps
Calcium	44-1	22486	21526	22469	22160	2.48	cps
Chromium	52-2	590	513	557	553	6.95	cps
Cobalt	59-2	90	60	80	77	19.92	cps
Copper	63-2	630	637	617	628	1.62	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	83	67	50	67	25.00	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	8486188	8432975	8366952	8428705	0.71	cps
Holmium	165-2	2753916	2479777	2714951	2649548	5.60	cps
Indium	115-1	7450304	7333259	7336911	7373491	0.90	cps
Indium	115-2	467769	422355	460315	450146	5.41	cps
Iron	56-2	2434	2311	2289	2345	3.32	cps
Iron	57-2	78	56	22	52	53.93	cps
Krypton	83-1	367	433	410	403	8.39	cps
Lead	206-1	917	839	867	874	4.51	cps
Lead	207-1	845	733	794	791	7.04	cps
Lead	208-1	3806	3367	3628	3600	6.13	cps
Lithium	6-1	2042570	2002272	2027528	2024124	1.01	cps
Magnesium	24-2	333	367	333	344	5.59	cps

LB Number : LB98888 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P8
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-27 21:17:49 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	17	33	23	37.78	cps
Molybdenum	94-1	842	775	617	745	15.52	cps
Molybdenum	95-1	1392	983	967	1114	21.61	cps
Molybdenum	96-1	1225	1250	950	1142	14.58	cps
Molybdenum	97-1	767	675	708	717	6.48	cps
Molybdenum	98-1	2067	1558	1409	1678	20.57	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	53	63	50	30.55	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	4109	3976	4326	4137	4.27	cps
Rhodium	103-1	7224467	7228472	7175797	7209579	0.41	cps
Rhodium	103-2	2427891	2195306	2367739	2330312	5.18	cps
Scandium	45-1	5253657	5194604	5177989	5208750	0.76	cps
Scandium	45-2	49801	45703	49348	48284	4.65	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	4	0	2	86.60	cps
Selenium	82-1	37	-12	81	35	132.62	cps
Silicon	28-1	260452	253577	257061	257030	1.34	cps
Silver	109-1	2409	1959	1283	1884	30.07	cps
Silver	107-1	3050	2075	1300	2142	40.95	cps
Sodium	23-2	15442	14967	15142	15184	1.58	cps
Strontium	86-1	775	667	683	708	8.24	cps
Strontium	88-1	300	225	358	294	22.70	cps
Sulfur	34-1	372822	376866	375591	375093	0.55	cps
Terbium	159-1	8854149	8898559	8783601	8845437	0.66	cps
Terbium	159-2	2764467	2502287	2695465	2654073	5.12	cps
Thallium	203-1	1233	1108	1233	1192	6.06	cps
Thallium	205-1	2817	2684	2359	2620	9.00	cps
Tin	118-1	508	400	342	417	20.30	cps
Titanium	47-1	192	183	150	175	12.60	cps
Uranium	238-1	225	75	142	147	51.05	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	7925397	7871536	7836782	7877905	0.57	cps
Yttrium	89-2	338307	302769	335177	325417	6.05	cps
Zinc	66-2	137	90	93	107	24.41	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P8
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:17:49	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	725	883	792	800	9.94	cps
Zirconium	91-1	92	150	183	142	32.75	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	35247	35774	35498	35506	0.74	cps
Antimony	121-1	908	783	817	836	7.74	cps
Arsenic	75-2	606	657	569	611	7.31	cps
Barium	135-1	37755	37780	36443	37326	2.05	cps
Barium	137-1	66267	66384	63411	65354	2.58	cps
Beryllium	9-1	672	606	611	630	5.88	cps
Bismuth	209-1	4925711	4965729	4938835	4943425	0.41	cps
Bismuth	209-2	2143616	2028584	2035700	2069300	3.11	cps
Boron	10-1	2009	2100	2034	2047	2.32	cps
Boron	11-1	9912	9520	9695	9709	2.02	cps
Cadmium	111-1	1259	1041	1071	1124	10.51	cps
Cadmium	106-1	1559	1325	1375	1420	8.66	cps
Cadmium	108-1	46	58	42	49	17.85	cps
Calcium	43-1	18738	18505	18513	18585	0.71	cps
Calcium	44-1	313783	323325	309978	315696	2.18	cps
Chromium	52-2	25911	26428	26438	26259	1.15	cps
Cobalt	59-2	13410	13176	13640	13409	1.73	cps
Copper	63-2	34069	33547	33758	33791	0.78	cps
Dysprosium	156-1	8795	8370	7561	8242	7.61	cps
Dysprosium	156-2	2670	2627	2830	2709	3.95	cps
Erbium	164-1	7511	7002	7452	7322	3.80	cps
Erbium	164-2	2157	2154	2070	2127	2.31	cps
Gadolinium	160-1	8353	8261	7561	8058	5.38	cps
Gadolinium	160-2	3254	3364	3467	3362	3.17	cps
Holmium	165-1	7729623	7815825	7759432	7768293	0.56	cps
Holmium	165-2	2681072	2533083	2572142	2595432	2.95	cps
Indium	115-1	6710930	6865536	6594048	6723505	2.03	cps
Indium	115-2	454372	420947	427935	434418	4.06	cps
Iron	56-2	8095831	8238218	8170120	8168056	0.87	cps
Iron	57-2	202263	204276	204201	203580	0.56	cps
Krypton	83-1	393	357	323	358	9.79	cps
Lead	206-1	439363	441760	426069	435731	1.94	cps
Lead	207-1	366352	366515	351829	361565	2.33	cps
Lead	208-1	1706034	1707691	1651162	1688295	1.91	cps
Lithium	6-1	1870886	1887776	1854081	1870914	0.90	cps
Magnesium	24-2	65535	65024	68331	66297	2.68	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60665	61002	60862	60843	0.28	cps
Molybdenum	94-1	12698	12164	11956	12273	3.12	cps
Molybdenum	95-1	1784	1734	1650	1722	3.91	cps
Molybdenum	96-1	3934	4276	3676	3962	7.60	cps
Molybdenum	97-1	1175	1183	1192	1183	0.70	cps
Molybdenum	98-1	2992	2942	2950	2962	0.91	cps
Neodymium	150-1	15116	15603	14902	15207	2.36	cps
Neodymium	150-2	3257	3037	3217	3170	3.70	cps
Nickel	60-2	20779	21397	21120	21098	1.47	cps
Phosphorus	31-2	142	150	100	131	20.52	cps
Potassium	39-2	12990	13732	13874	13532	3.51	cps
Rhodium	103-1	6630636	6697509	6628607	6652251	0.59	cps
Rhodium	103-2	2357938	2195528	2236545	2263337	3.73	cps
Scandium	45-1	4829813	4870278	4779916	4826669	0.94	cps
Scandium	45-2	49668	46139	47199	47669	3.80	cps
Selenium	77-2	20	10	20	17	34.64	cps
Selenium	78-2	11	7	2	7	68.65	cps
Selenium	82-1	87	138	110	112	23.07	cps
Silicon	28-1	2156404	2115054	2068594	2113351	2.08	cps
Silver	109-1	4834	3792	3451	4026	17.91	cps
Silver	107-1	5326	4643	3584	4518	19.43	cps
Sodium	23-2	20257	19397	19255	19636	2.76	cps
Strontium	86-1	16636	15810	16127	16191	2.57	cps
Strontium	88-1	139474	140855	134466	138265	2.43	cps
Sulfur	34-1	376275	371632	368349	372085	1.07	cps
Terbium	159-1	8123034	8116840	8175439	8138438	0.40	cps
Terbium	159-2	2713783	2507566	2552072	2591140	4.19	cps
Thallium	203-1	975	942	692	870	17.81	cps
Thallium	205-1	2317	2475	2392	2395	3.31	cps
Tin	118-1	4126	4051	3692	3956	5.86	cps
Titanium	47-1	106998	104387	102642	104676	2.09	cps
Uranium	238-1	8362	8312	8253	8309	0.65	cps
Vanadium	51-2	11935	12235	12603	12258	2.73	cps
Yttrium	89-1	7284789	7434062	7398031	7372294	1.06	cps
Yttrium	89-2	336107	314313	317303	322575	3.66	cps
Zinc	66-2	11862	12075	11792	11910	1.24	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-06DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1018-S-DH-15DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:21:11	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	30326	32457	30068	30950	4.24	cps
Zirconium	91-1	6785	7044	6810	6880	2.07	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	205197	204900	206480	205526	0.41	cps
Antimony	121-1	333	458	508	433	20.80	cps
Arsenic	75-2	1011	1015	976	1001	2.15	cps
Barium	135-1	157403	159887	159288	158859	0.82	cps
Barium	137-1	275606	275450	273858	274971	0.35	cps
Beryllium	9-1	1828	1945	1828	1867	3.61	cps
Bismuth	209-1	5137904	4924555	4756913	4939791	3.87	cps
Bismuth	209-2	2089580	2097365	2091949	2092964	0.19	cps
Boron	10-1	1775	1475	1725	1659	9.69	cps
Boron	11-1	8386	8236	7519	8047	5.76	cps
Cadmium	111-1	1764	1633	1855	1751	6.37	cps
Cadmium	106-1	1917	1642	1917	1825	8.70	cps
Cadmium	108-1	171	154	113	146	20.60	cps
Calcium	43-1	21375	21851	21008	21412	1.97	cps
Calcium	44-1	363634	361016	362281	362310	0.36	cps
Chromium	52-2	73729	74048	74246	74008	0.35	cps
Cobalt	59-2	55450	55433	55246	55376	0.20	cps
Copper	63-2	83288	83241	84548	83692	0.89	cps
Dysprosium	156-1	20559	20809	20767	20712	0.65	cps
Dysprosium	156-2	6188	6532	6275	6332	2.82	cps
Erbium	164-1	17103	17354	16820	17092	1.56	cps
Erbium	164-2	5204	5368	5511	5361	2.86	cps
Gadolinium	160-1	19449	18213	19541	19068	3.89	cps
Gadolinium	160-2	7689	7702	7759	7717	0.48	cps
Holmium	165-1	8117714	7808500	7659574	7861929	2.97	cps
Holmium	165-2	2660291	2657836	2659256	2659128	0.05	cps
Indium	115-1	7167215	6777717	6580002	6841644	4.37	cps
Indium	115-2	448661	446802	449007	448157	0.26	cps
Iron	56-2	31100226	30897053	31206065	31067781	0.51	cps
Iron	57-2	774595	774391	773366	774118	0.09	cps
Krypton	83-1	447	550	457	484	11.76	cps
Lead	206-1	760567	755434	754638	756880	0.43	cps
Lead	207-1	629889	632498	631306	631231	0.21	cps
Lead	208-1	2936398	2973451	2932069	2947306	0.77	cps
Lithium	6-1	1960928	1868919	1875457	1901768	2.70	cps
Magnesium	24-2	237173	235894	233883	235650	0.70	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175128	174514	176617	175420	0.62	cps
Molybdenum	94-1	54385	54385	55439	54736	1.11	cps
Molybdenum	95-1	2925	3309	3050	3095	6.32	cps
Molybdenum	96-1	11881	12823	12640	12448	4.02	cps
Molybdenum	97-1	1884	1759	1967	1870	5.61	cps
Molybdenum	98-1	4634	5085	4884	4868	4.63	cps
Neodymium	150-1	35462	35349	35636	35482	0.41	cps
Neodymium	150-2	7429	7396	7305	7377	0.87	cps
Nickel	60-2	92504	93125	91713	92447	0.77	cps
Phosphorus	31-2	317	292	492	367	29.72	cps
Potassium	39-2	36181	36431	37034	36549	1.20	cps
Rhodium	103-1	6946417	6675394	6553217	6725009	2.99	cps
Rhodium	103-2	2299813	2291703	2316699	2302738	0.55	cps
Scandium	45-1	5191262	4932027	4890295	5004528	3.26	cps
Scandium	45-2	50179	50223	50868	50424	0.77	cps
Selenium	77-2	53	27	33	38	36.73	cps
Selenium	78-2	31	22	17	23	31.90	cps
Selenium	82-1	63	-24	83	41	139.99	cps
Silicon	28-1	725399	714409	743454	727754	2.02	cps
Silver	109-1	5293	4759	3734	4595	17.24	cps
Silver	107-1	5418	4726	4393	4846	10.79	cps
Sodium	23-2	49269	49938	49077	49428	0.91	cps
Strontium	86-1	25182	24222	25291	24898	2.36	cps
Strontium	88-1	207484	208808	209589	208627	0.51	cps
Sulfur	34-1	357889	357049	349817	354918	1.25	cps
Terbium	159-1	8649900	8170102	7970728	8263577	4.22	cps
Terbium	159-2	2645615	2669873	2647317	2654268	0.51	cps
Thallium	203-1	1592	1625	1659	1625	2.05	cps
Thallium	205-1	4051	4018	3601	3890	6.45	cps
Tin	118-1	2825	2575	2609	2670	5.09	cps
Titanium	47-1	169210	165239	166984	167144	1.19	cps
Uranium	238-1	32435	31567	33379	32460	2.79	cps
Vanadium	51-2	34182	33848	33594	33874	0.87	cps
Yttrium	89-1	7837016	7590548	7449016	7625527	2.57	cps
Yttrium	89-2	342378	341151	343375	342301	0.33	cps
Zinc	66-2	33581	34055	34246	33961	1.01	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	J5618-08DLX5	Instrumnet Name :	P8
Client Sample ID :	SSSI-1019-S-DH-16DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-27 21:24:32	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	142187	143878	144233	143433	0.76	cps
Zirconium	91-1	31145	32782	32707	32211	2.87	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	496904	494144	491107	494052	0.59	cps
Antimony	121-1	4065921	4084336	4054148	4068135	0.37	cps
Arsenic	75-2	62150	62623	61940	62237	0.56	cps
Barium	135-1	4286180	4317480	4280480	4294713	0.46	cps
Barium	137-1	7361364	7367061	7347199	7358541	0.14	cps
Beryllium	9-1	824163	826534	826580	825759	0.17	cps
Bismuth	209-1	4884908	4916230	4914473	4905204	0.36	cps
Bismuth	209-2	2026208	2108908	2009750	2048289	2.59	cps
Boron	10-1	86007	88380	87944	87444	1.44	cps
Boron	11-1	421801	432198	444813	432937	2.66	cps
Cadmium	111-1	906460	906602	909235	907432	0.17	cps
Cadmium	106-1	92509	95730	95202	94480	1.83	cps
Cadmium	108-1	63654	64374	64847	64292	0.93	cps
Calcium	43-1	5653812	5671511	5587598	5637640	0.78	cps
Calcium	44-1	91541148	91738321	90224196	91167888	0.90	cps
Chromium	52-2	557748	552958	555370	555359	0.43	cps
Cobalt	59-2	1085740	1077393	1073423	1078852	0.58	cps
Copper	63-2	1869269	1848121	1845895	1854428	0.70	cps
Dysprosium	156-1	58	67	33	53	32.88	cps
Dysprosium	156-2	13	3	7	8	65.47	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	3	20	10	11	75.52	cps
Gadolinium	160-1	117	125	133	125	6.67	cps
Gadolinium	160-2	20	20	13	18	21.66	cps
Holmium	165-1	8132689	8174833	8062922	8123481	0.70	cps
Holmium	165-2	2687841	2758517	2677296	2707885	1.63	cps
Indium	115-1	6808999	6782670	6830586	6807418	0.35	cps
Indium	115-2	431551	449670	430880	437367	2.44	cps
Iron	56-2	94726883	95076127	93904966	94569325	0.64	cps
Iron	57-2	2404489	2406598	2362645	2391244	1.04	cps
Krypton	83-1	450	407	427	428	5.07	cps
Lead	206-1	2340221	2368276	2324046	2344181	0.95	cps
Lead	207-1	2147900	2143808	2119308	2137006	0.72	cps
Lead	208-1	9586281	9580284	9492139	9552901	0.55	cps
Lithium	6-1	1888197	1888815	1888223	1888412	0.02	cps
Magnesium	24-2	10327715	10268545	10291667	10295976	0.29	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	332129	331284	325657	329690	1.07	cps
Molybdenum	94-1	7637664	7609525	7597098	7614762	0.27	cps
Molybdenum	95-1	9361854	9338740	9309389	9336661	0.28	cps
Molybdenum	96-1	10371717	10288048	10350556	10336773	0.42	cps
Molybdenum	97-1	5950181	5847201	5854558	5883980	0.98	cps
Molybdenum	98-1	14928866	14958681	15010914	14966154	0.28	cps
Neodymium	150-1	193	153	193	180	12.83	cps
Neodymium	150-2	23	17	13	18	28.64	cps
Nickel	60-2	326698	324900	325283	325627	0.29	cps
Phosphorus	31-2	6619	6810	6635	6688	1.59	cps
Potassium	39-2	2952012	2928173	2910209	2930132	0.72	cps
Rhodium	103-1	6555214	6480662	6470592	6502156	0.71	cps
Rhodium	103-2	2195716	2269602	2169802	2211707	2.34	cps
Scandium	45-1	5053345	5028436	4973035	5018272	0.82	cps
Scandium	45-2	49055	50778	48972	49602	2.06	cps
Selenium	77-2	507	533	510	517	2.81	cps
Selenium	78-2	1713	1724	1776	1738	1.93	cps
Selenium	82-1	59359	59354	59184	59299	0.17	cps
Silicon	28-1	2809032	2823726	2846938	2826565	0.68	cps
Silver	109-1	4259408	4252266	4192653	4234776	0.87	cps
Silver	107-1	4587492	4545438	4516697	4549876	0.78	cps
Sodium	23-2	23004079	22713535	22613123	22776913	0.89	cps
Strontium	86-1	1156604	1164725	1157828	1159719	0.38	cps
Strontium	88-1	10185091	10047916	10056324	10096443	0.76	cps
Sulfur	34-1	694420	690943	691223	692195	0.28	cps
Terbium	159-1	8473685	8384747	8528597	8462343	0.86	cps
Terbium	159-2	2658481	2772684	2666069	2699078	2.37	cps
Thallium	203-1	2891170	2921614	2898537	2903774	0.55	cps
Thallium	205-1	6821810	6874897	6776338	6824348	0.72	cps
Tin	118-1	2824991	2810862	2826280	2820711	0.30	cps
Titanium	47-1	2831663	2803393	2765665	2800240	1.18	cps
Uranium	238-1	9091216	9090639	8955316	9045724	0.87	cps
Vanadium	51-2	393730	391053	387834	390872	0.76	cps
Yttrium	89-1	7646789	7523799	7500100	7556896	1.04	cps
Yttrium	89-2	327107	338994	325654	330585	2.21	cps
Zinc	66-2	180949	179515	181966	180810	0.68	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P8
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:27:53	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	6343297	6367377	6234220	6314964	1.12	cps
Zirconium	91-1	1427683	1442125	1409801	1426536	1.14	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	23	20	33	25	26.45	cps
Antimony	121-1	1017	792	825	878	13.83	cps
Arsenic	75-2	11	7	9	9	19.98	cps
Barium	135-1	83	33	33	50	57.75	cps
Barium	137-1	83	92	67	81	15.80	cps
Beryllium	9-1	250	211	267	243	11.75	cps
Bismuth	209-1	5390610	5493481	5433819	5439303	0.95	cps
Bismuth	209-2	1896603	2292695	2293110	2160803	10.59	cps
Boron	10-1	3517	3501	3059	3359	7.74	cps
Boron	11-1	18087	16477	16018	16861	6.44	cps
Cadmium	111-1	952	1216	1154	1107	12.46	cps
Cadmium	106-1	1317	1684	1617	1539	12.69	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	308	325	317	317	2.63	cps
Calcium	44-1	22778	21793	21726	22099	2.66	cps
Chromium	52-2	590	540	557	562	4.53	cps
Cobalt	59-2	43	60	57	53	16.54	cps
Copper	63-2	660	653	640	651	1.56	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	67	50	50	56	17.32	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	8299511	8541046	8499767	8446775	1.53	cps
Holmium	165-2	2407694	2777261	2872483	2685813	9.14	cps
Indium	115-1	7280109	7533595	7485331	7433012	1.81	cps
Indium	115-2	403480	478626	482189	454765	9.77	cps
Iron	56-2	2400	2506	1845	2250	15.79	cps
Iron	57-2	100	78	33	70	48.24	cps
Krypton	83-1	423	450	393	422	6.71	cps
Lead	206-1	1011	756	933	900	14.56	cps
Lead	207-1	744	778	694	739	5.68	cps
Lead	208-1	3439	3250	3411	3367	3.03	cps
Lithium	6-1	2042452	2077028	2047668	2055716	0.91	cps
Magnesium	24-2	283	400	250	311	25.32	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:31:02	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	37	27	24	55.11	cps
Molybdenum	94-1	1008	1092	967	1022	6.23	cps
Molybdenum	95-1	1150	983	842	992	15.56	cps
Molybdenum	96-1	1117	1092	1183	1131	4.19	cps
Molybdenum	97-1	758	842	650	750	12.81	cps
Molybdenum	98-1	1709	1425	1559	1564	9.06	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	43	47	42	12.06	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4576	4534	4176	4429	4.97	cps
Rhodium	103-1	7166742	7388577	7164713	7240011	1.78	cps
Rhodium	103-2	2097705	2490896	2488421	2359007	9.59	cps
Scandium	45-1	5171968	5343468	5255285	5256907	1.63	cps
Scandium	45-2	42455	51421	51591	48489	10.78	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	30	-18	55	22	166.27	cps
Silicon	28-1	271534	254009	249610	258384	4.49	cps
Silver	109-1	5301	4434	2475	4070	35.57	cps
Silver	107-1	5360	4076	2792	4076	31.50	cps
Sodium	23-2	16593	16302	16085	16327	1.56	cps
Strontium	86-1	583	708	658	650	9.68	cps
Strontium	88-1	275	150	183	203	31.92	cps
Sulfur	34-1	367770	373593	372787	371383	0.85	cps
Terbium	159-1	8803341	8993884	8829576	8875600	1.16	cps
Terbium	159-2	2368699	2847258	2817168	2677708	10.01	cps
Thallium	203-1	1392	1250	1108	1250	11.33	cps
Thallium	205-1	2884	2734	2692	2770	3.64	cps
Tin	118-1	525	575	425	508	15.02	cps
Titanium	47-1	217	125	100	147	41.72	cps
Uranium	238-1	33	92	75	67	45.07	cps
Vanadium	51-2	7	7	13	9	43.25	cps
Yttrium	89-1	7860178	8179595	7924822	7988199	2.11	cps
Yttrium	89-2	292801	347729	348664	329731	9.70	cps
Zinc	66-2	97	83	93	91	7.61	cps

LB Number :	LB98888	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P8
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-27 21:31:02	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	558	825	717	700	19.16	cps
Zirconium	91-1	183	175	167	175	4.76	cps