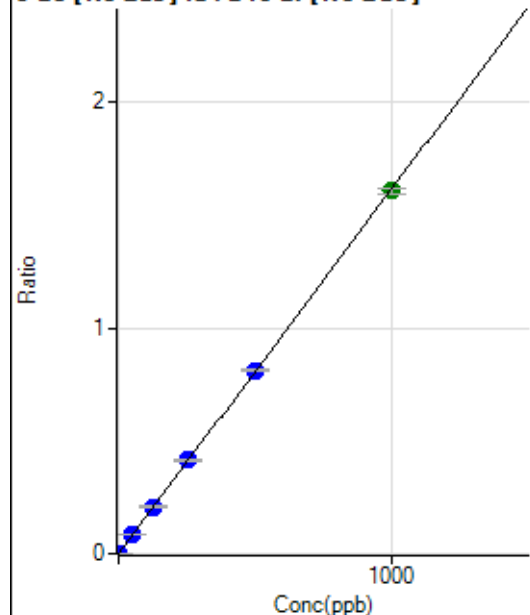


Batch Folder: D:\P8062917-MS.b\
Analysis File: P8062917-MS.batch.bin
DA Date-Time: 2017-06-29 18:08:56
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2017-06-29 14:56:15
2			
3	005CALS.d	S02	2017-06-29 15:03:15
4	006CALS.d	S03	2017-06-29 15:06:43
5	007CALS.d	S04	2017-06-29 15:10:11
6	008CALS.d	S05	2017-06-29 15:13:34
7	009CALS.d	S06	2017-06-29 15:16:52
8	011CALS.d	S07	2017-06-29 15:23:47
9	012CALS.d	S08	2017-06-29 15:26:53

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	51.85	0.0001	P	54.2
2	☐	0.100					
3	☐	1.000	0.994	1213.05	0.0017	P	7.5
4	☐	50.000	52.080	62368.66	0.0842	P	0.8
5	☐	125.000	128.761	156827.97	0.2080	P	1.8
6	☐	250.000	258.199	312445.76	0.4170	P	1.8
7	☐	500.000	503.840	609524.77	0.8136	P	0.3
8	☐	1000.000	995.456	1223525.36	1.6074	A	1.3
9	☐			320.38	0.0004	P	21.6

$$y = 0.0016 * x + 6.7572E-005$$

$$R = 1.0000$$

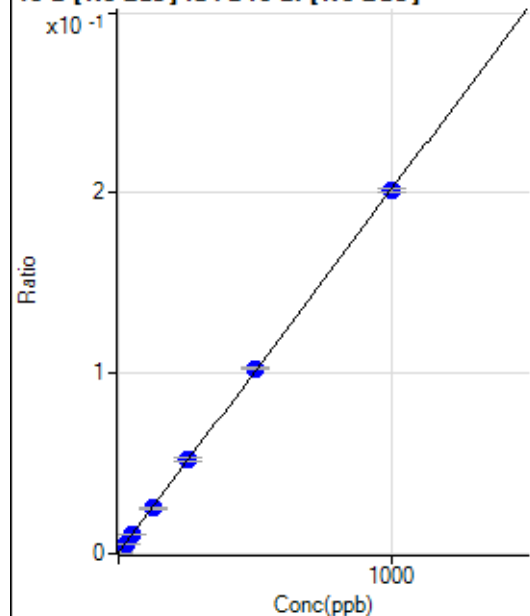
$$DL = 0.06801$$

$$BEC = 0.04185$$

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	397.25	0.0005	P	9.0
2	☐	2.500					
3	☐	25.000	21.617	3536.72	0.0049	P	1.7
4	☐	50.000	50.003	7849.73	0.0106	P	2.3
5	☐	125.000	123.355	19132.93	0.0254	P	3.1
6	☐	250.000	256.906	39168.48	0.0523	P	3.6
7	☐	500.000	505.662	76716.64	0.1024	P	1.0
8	☐	1000.000	995.733	153121.07	0.2011	P	1.1
9	☐			5506.85	0.0072	P	7.1

$$y = 2.0149E-004 * x + 5.1692E-004$$

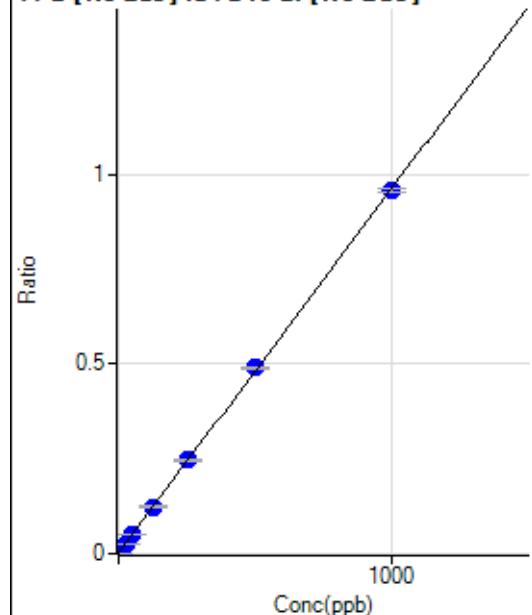
$$R = 0.9999$$

$$DL = 0.6924$$

$$BEC = 2.566$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1697.39	0.0022	P	8.3
2	☐	2.500					
3	☐	25.000	23.267	17828.39	0.0246	P	2.5
4	☐	50.000	50.258	37413.87	0.0505	P	2.5
5	☐	125.000	125.758	92769.06	0.1230	P	2.9
6	☐	250.000	256.433	186267.84	0.2486	P	2.1
7	☐	500.000	508.168	367423.04	0.4904	P	0.9
8	☐	1000.000	994.244	728847.32	0.9574	P	1.0
9	☐			25927.16	0.0339	P	8.5

$$y = 9.6077\text{E-}004 * x + 0.0022$$

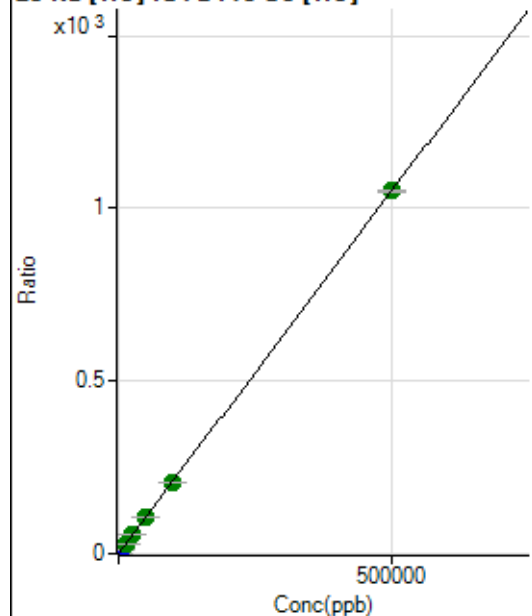
$$R = 0.9999$$

$$DL = 0.5744$$

$$BEC = 2.299$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4525.90	0.0711	P	2.9
2	☐	50.000					
3	☐	500.000	464.024	65197.14	1.0449	P	1.2
4	☐	5000.000	5189.817	675695.45	10.9622	P	1.9
5	☐	12500.000	12842.537	1730283.50	27.0218	A	1.0
6	☐	25000.000	25451.821	3358598.38	53.4830	A	1.0
7	☐	50000.000	49926.031	6350066.59	104.8433	A	1.2
8	☐	100000.00	97498.367	12349439.95	204.6760	A	0.4
9	☐	500000.00	500474.70	64373861.85	1,050.340	A	0.2

$$y = 0.0021 * x + 0.0711$$

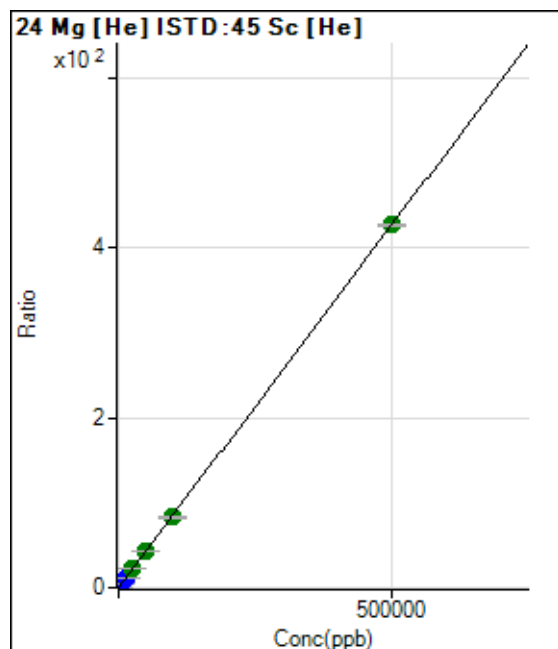
$$R = 1.0000$$

$$DL = 2.912$$

$$BEC = 33.9$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0014	P	53.8
2	☐	50.000					
3	☐	500.000	464.504	24803.03	0.3975	P	1.3
4	☐	5000.000	5197.748	273306.24	4.4338	P	1.5
5	☐	12500.000	12672.237	692048.87	10.8077	P	0.7
6	☐	25000.000	25557.645	1368753.17	21.7957	A	0.8
7	☐	50000.000	50824.078	2625069.20	43.3417	A	1.9
8	☐	100000.00	97020.342	4991747.33	82.7357	A	0.8
9	☐	500000.00	500479.39	26156676.45	426.7863	A	0.7

$$y = 8.5275\text{E-}004 * x + 0.0014$$

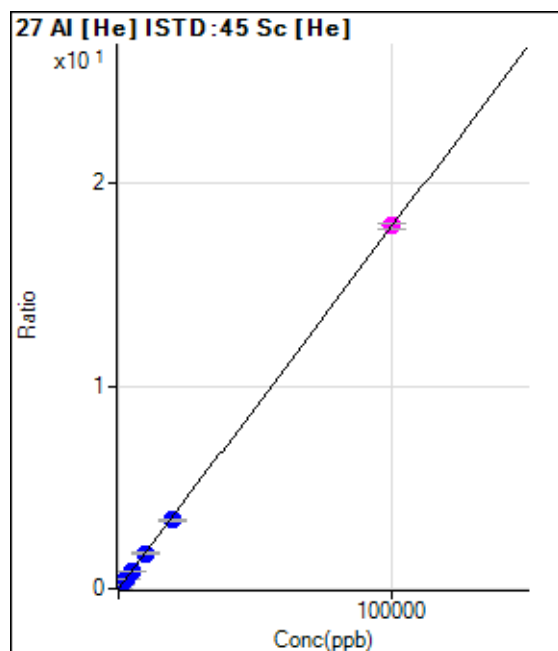
$$R = 1.0000$$

$$DL = 2.647$$

$$BEC = 1.642$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	27.78	0.0004	P	62.1
2	☐	2.000					
3	☐	20.000	16.009	205.57	0.0033	P	14.5
4	☐	1000.000	1024.073	11304.94	0.1834	P	1.4
5	☐	2500.000	2475.683	28345.86	0.4427	P	0.7
6	☐	5000.000	4921.402	55219.47	0.8795	P	3.7
7	☐	10000.000	9797.053	106019.68	1.7505	P	2.2
8	☐	20000.000	18933.264	204084.61	3.3825	P	1.0
9	☐	100000.00	100237.94	1097404.68	17.9059	M	1.6

$$y = 1.7863\text{E-}004 * x + 4.3573\text{E-}004$$

$$R = 0.9999$$

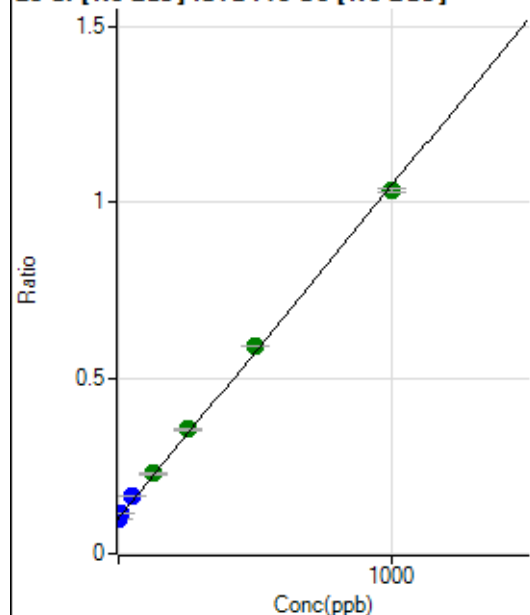
$$DL = 4.546$$

$$BEC = 2.439$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	442320.33	0.1010	P	0.3
2	☐	1.000					
3	☐	10.000	14.226	484106.13	0.1145	P	2.5
4	☐	50.000	65.420	708847.65	0.1629	P	0.6
5	☐	125.000	135.074	993425.53	0.2288	A	2.6
6	☐	250.000	267.205	1521312.96	0.3539	A	1.0
7	☐	500.000	518.913	2539651.34	0.5921	A	0.0
8	☐	1000.000	984.170	4385260.21	1.0323	A	1.0
9	☐			501007.02	0.1165	P	0.9

$$y = 9.4625E-004 * x + 0.1010$$

$$R = 0.9996$$

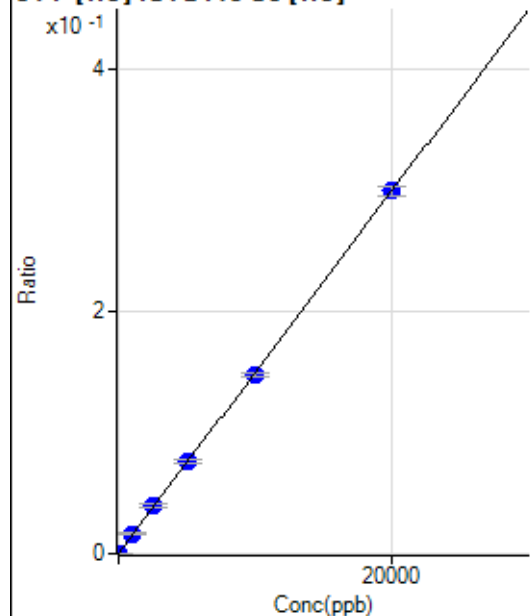
$$DL = 0.8831$$

$$BEC = 106.8$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	1.369	13.89	0.0002	P	125.
2	☐	0.000					
3	☐	0.000	-1.369	11.11	0.0002	P	42.9
4	☐	1000.000	1080.319	1008.41	0.0163	P	10.6
5	☐	2500.000	2654.109	2553.14	0.0399	P	6.2
6	☐	5000.000	5101.930	4803.81	0.0765	P	3.0
7	☐	10000.000	9861.520	8942.12	0.1476	P	1.9
8	☐	20000.000	20020.478	18073.42	0.2995	P	2.9
9	☐			27.78	0.0005	P	75.6

$$y = 1.4949E-005 * x + 1.9831E-004$$

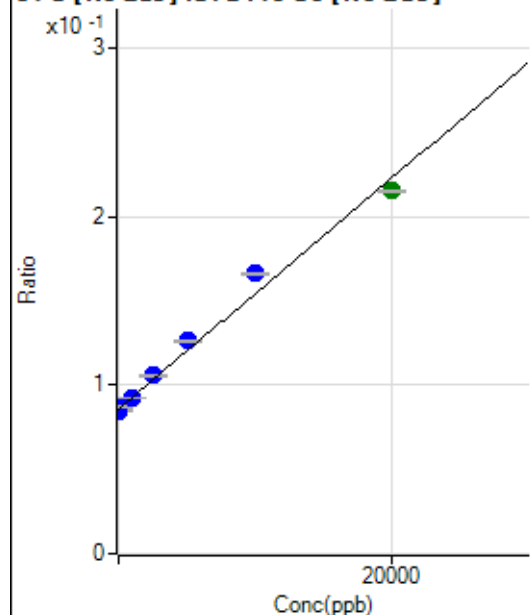
$$R = 0.9999$$

$$DL = 35.17$$

$$BEC = 13.27$$

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	-143.505	372708.98	0.0851	P	0.9
2	☐	0.000					
3	☐	0.000	143.505	368318.22	0.0871	P	1.8
4	☐	1000.000	945.961	402881.04	0.0926	P	0.6
5	☐	2500.000	2882.743	459655.89	0.1059	P	0.4
6	☐	5000.000	5857.266	542874.75	0.1263	P	1.3
7	☐	10000.000	11713.701	713965.52	0.1664	P	0.3
8	☐	20000.000	18883.692	916021.84	0.2156	A	0.7
9	☐			384286.12	0.0893	P	0.2

$$y = 6.8572\text{E-}006 * x + 0.0861$$

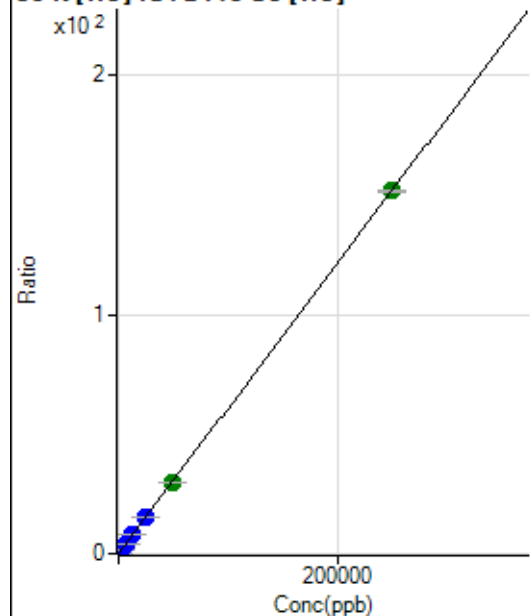
$$R = 0.9928$$

$$DL = 502.5$$

$$BEC = 1.256\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5515.21	0.0867	P	3.7
2	☐	50.000					
3	☐	500.000	477.178	23464.75	0.3761	P	1.8
4	☐	2500.000	2599.878	102532.87	1.6633	P	1.1
5	☐	6250.000	6372.684	253015.28	3.9513	P	0.5
6	☐	12500.000	12688.872	488677.13	7.7817	P	1.1
7	☐	25000.000	25005.490	923700.63	15.2509	P	1.2
8	☐	50000.000	48766.502	1789466.42	29.6604	A	1.3
9	☐	250000.00	250232.68	9305729.64	151.8366	A	0.9

$$y = 6.0644\text{E-}004 * x + 0.0867$$

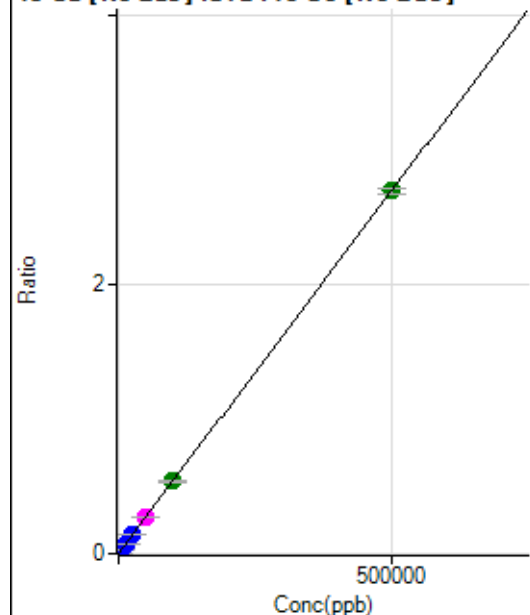
$$R = 1.0000$$

$$DL = 16.02$$

$$BEC = 142.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	6724.17	0.0015	P	5.7
2	☐	50.000					
3	☐	500.000	449.999	16755.13	0.0040	P	1.7
4	☐	5000.000	4989.624	123702.18	0.0284	P	0.6
5	☐	12500.000	12545.017	300245.93	0.0692	P	0.7
6	☐	25000.000	25082.674	587898.59	0.1368	P	1.1
7	☐	50000.000	49545.279	1152309.01	0.2686	M	0.6
8	☐	100000.00	99554.146	2286325.62	0.5382	A	1.5
9	☐	500000.00	500129.53	11604804.86	2.6977	A	1.4

$$y = 5.3909\text{E-}006 * x + 0.0015$$

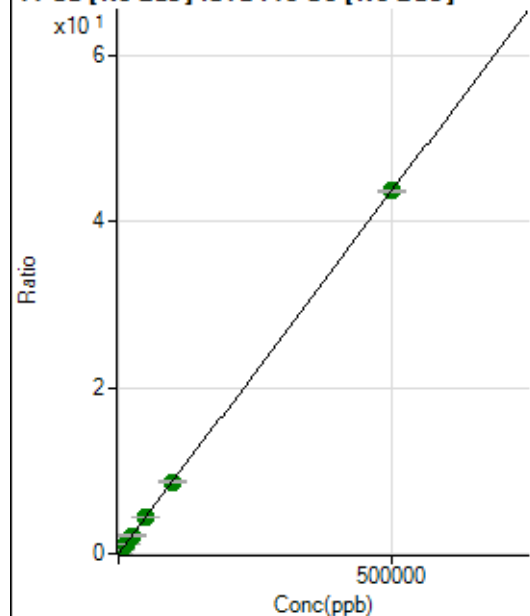
$$R = 1.0000$$

$$DL = 48.62$$

$$BEC = 284.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	76433.19	0.0175	P	1.4
2	☐	50.000					
3	☐	500.000	467.474	246255.09	0.0582	P	2.2
4	☐	5000.000	5066.534	1998691.73	0.4594	A	1.0
5	☐	12500.000	12540.047	4824487.22	1.1114	A	1.0
6	☐	25000.000	24945.600	9429265.66	2.1936	A	2.0
7	☐	50000.000	49179.668	18477563.95	4.3076	A	0.7
8	☐	100000.00	98672.683	36639268.88	8.6251	A	1.4
9	☐	500000.00	500348.58	187839615.3	43.6652	A	0.5

$$y = 8.7235\text{E-}005 * x + 0.0175$$

$$R = 1.0000$$

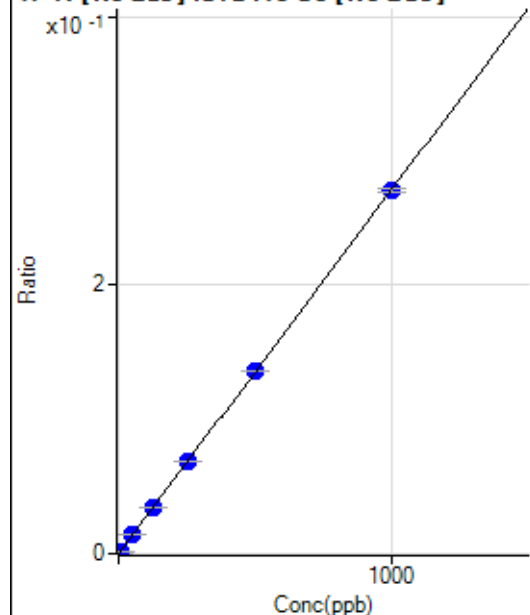
$$DL = 8.127$$

$$BEC = 200.1$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	230.57	0.0001	P	8.5
2	☐	0.500					
3	☐	5.000	4.650	5542.97	0.0013	P	4.5
4	☐	50.000	50.705	59937.68	0.0138	P	0.9
5	☐	125.000	126.951	149397.14	0.0344	P	0.8
6	☐	250.000	254.202	296007.43	0.0689	P	1.6
7	☐	500.000	502.608	583791.79	0.1361	P	0.4
8	☐	1000.000	997.368	1147044.45	0.2700	P	1.0
9	☐			1680.31	0.0004	P	40.3

$$y = 2.7068\text{E-}004 * x + 5.2671\text{E-}005$$

$$R = 1.0000$$

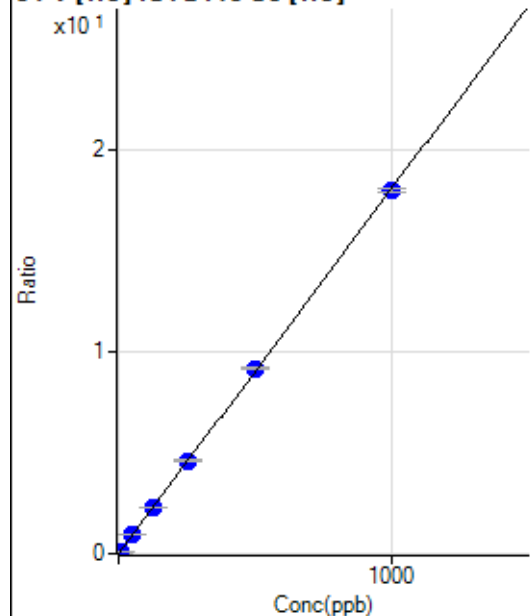
$$DL = 0.04965$$

$$BEC = 0.1946$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	24.44	0.0004	P	52.0
2	☐	0.500					
3	☐	5.000	4.730	5365.57	0.0860	P	1.7
4	☐	50.000	51.555	57535.60	0.9334	P	1.8
5	☐	125.000	126.648	146791.60	2.2924	P	0.7
6	☐	250.000	254.946	289762.76	4.6143	P	1.2
7	☐	500.000	508.428	557329.12	9.2018	P	0.9
8	☐	1000.000	994.267	1085638.26	17.9944	P	1.2
9	☐			588.91	0.0096	P	6.7

$$y = 0.0181 * x + 3.8510\text{E-}004$$

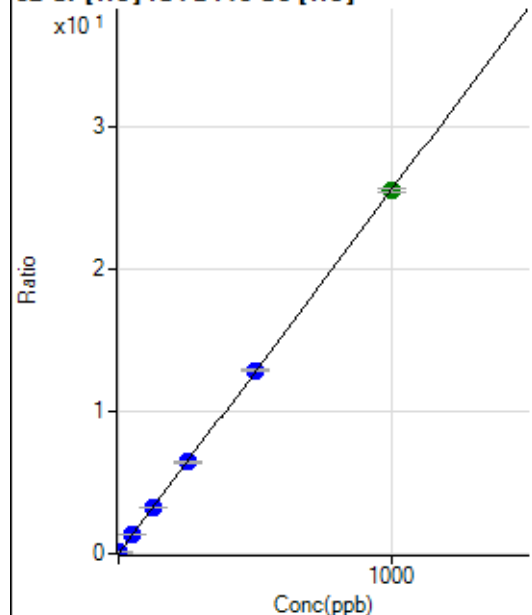
$$R = 0.9999$$

$$DL = 0.03319$$

$$BEC = 0.02128$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	962.27	0.0151	P	1.6
2	☐	0.200					
3	☐	2.000	2.118	4315.19	0.0692	P	4.4
4	☐	50.000	51.927	82580.56	1.3397	P	1.6
5	☐	125.000	126.692	207912.07	3.2469	P	0.4
6	☐	250.000	251.731	404185.46	6.4365	P	1.3
7	☐	500.000	503.245	778427.79	12.8524	P	1.1
8	☐	1000.000	997.637	1536322.01	25.4638	A	1.1
9	☐			38601.06	0.6298	P	1.2

$$y = 0.0255 * x + 0.0151$$

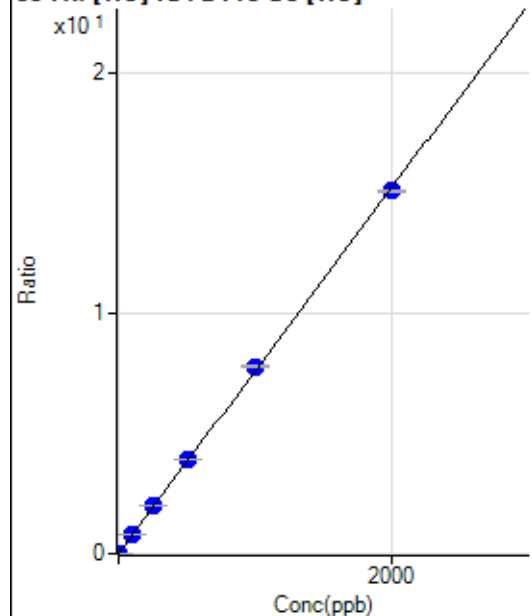
$$R = 1.0000$$

$$DL = 0.02888$$

$$BEC = 0.5929$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	105.56	0.0017	P	15.3
2	☐	0.100					
3	☐	1.000	0.900	530.02	0.0085	P	11.9
4	☐	100.000	105.941	49750.62	0.8071	P	1.4
5	☐	250.000	258.036	125724.97	1.9634	P	0.3
6	☐	500.000	514.289	245631.12	3.9116	P	1.4
7	☐	1000.000	1022.706	471031.91	7.7769	P	1.0
8	☐	2000.000	1983.773	910064.72	15.0836	P	0.7
9	☐			3902.84	0.0637	P	2.7

$$y = 0.0076 * x + 0.0017$$

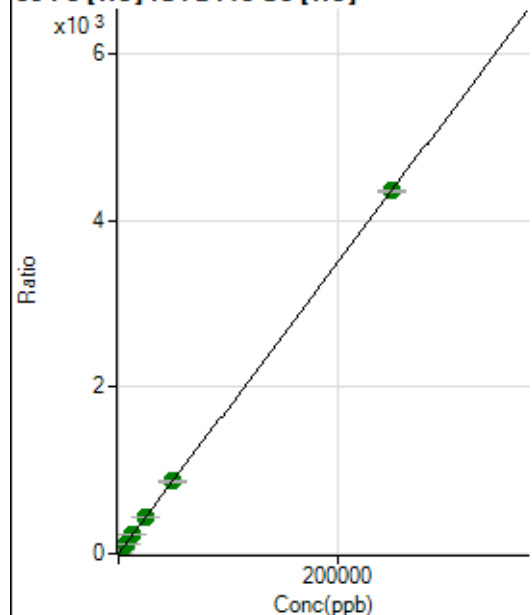
$$R = 0.9999$$

$$DL = 0.09999$$

$$BEC = 0.2181$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3665.41	0.0576	P	3.2
2	☐	5.000					
3	☐	50.000	47.568	55358.29	0.8872	P	1.8
4	☐	2500.000	2694.185	2899877.61	47.0460	A	1.8
5	☐	6250.000	6469.088	7228265.61	112.8828	A	0.5
6	☐	12500.000	12840.567	14066101.01	224.0056	A	1.7
7	☐	25000.000	25563.469	27007184.86	445.9014	A	1.3
8	☐	50000.000	49728.678	52330484.50	867.3586	A	0.9
9	☐	250000.00	249973.47	267203985.6	4,359.759	A	0.4

$$y = 0.0174 * x + 0.0576$$

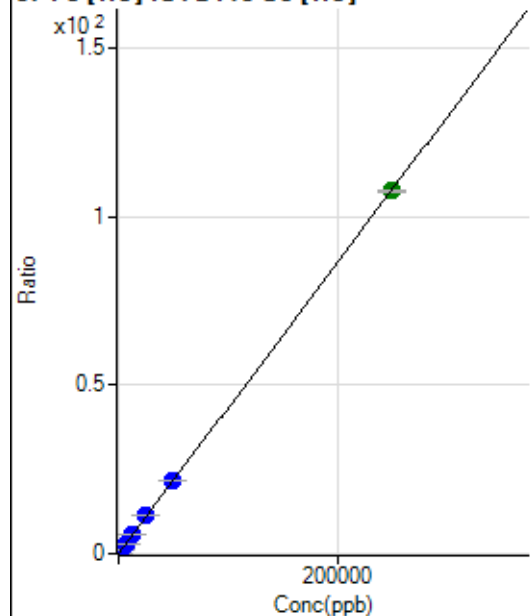
$$R = 1.0000$$

$$DL = 0.3215$$

$$BEC = 3.303$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	103.71	0.0016	P	32.2
2	☐	5.000					
3	☐	50.000	46.404	1350.11	0.0216	P	4.8
4	☐	2500.000	2640.691	70274.95	1.1401	P	2.3
5	☐	6250.000	6527.825	180320.06	2.8160	P	0.3
6	☐	12500.000	13036.086	353017.85	5.6219	P	1.8
7	☐	25000.000	26028.526	679778.23	11.2234	P	1.2
8	☐	50000.000	50660.895	1317864.84	21.8433	P	1.0
9	☐	250000.00	249729.81	6598773.07	107.6688	A	0.6

$$y = 4.3113E-004 * x + 0.0016$$

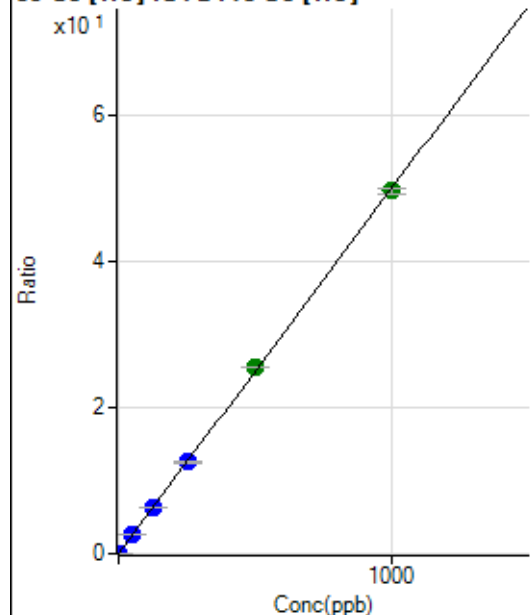
$$R = 1.0000$$

$$DL = 3.651$$

$$BEC = 3.777$$

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	94.45	0.0015	P	16.7
2	☐	0.100					
3	☐	1.000	0.933	2998.15	0.0480	P	1.1
4	☐	50.000	51.937	159859.04	2.5935	P	1.9
5	☐	125.000	126.379	403963.88	6.3086	P	0.2
6	☐	250.000	251.293	787565.60	12.5426	P	2.1
7	☐	500.000	511.674	1546787.91	25.5372	A	0.2
8	☐	1000.000	993.570	2991581.94	49.5869	A	1.6
9	☐			5063.22	0.0826	P	4.8

$$y = 0.0499 * x + 0.0015$$

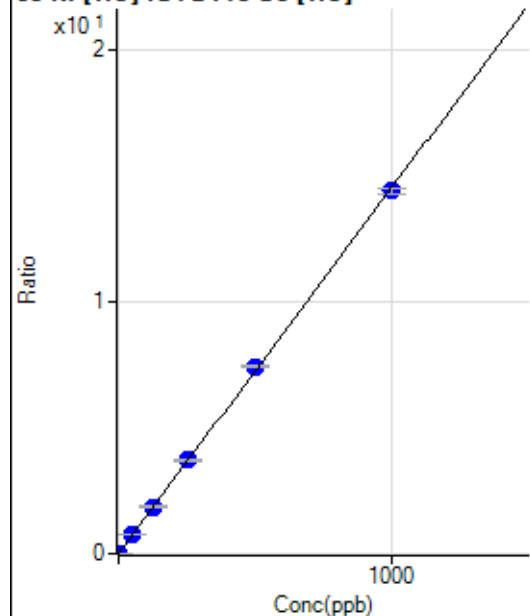
$$R = 0.9999$$

$$DL = 0.01489$$

$$BEC = 0.02973$$

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	66.67	0.0010	P	4.5
2	☐	0.100					
3	☐	1.000	1.001	970.05	0.0155	P	3.4
4	☐	50.000	53.559	47903.40	0.7771	P	1.1
5	☐	125.000	128.740	119516.34	1.8664	P	0.5
6	☐	250.000	256.331	233294.87	3.7152	P	1.5
7	☐	500.000	511.318	448807.73	7.4099	P	0.8
8	☐	1000.000	992.113	867332.65	14.3765	P	1.6
9	☐			13183.10	0.2151	P	1.6

$$y = 0.0145 * x + 0.0010$$

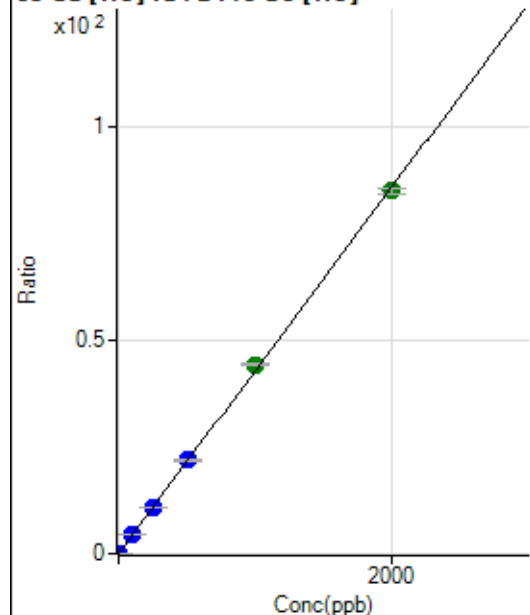
$$R = 0.9999$$

$$DL = 0.009694$$

$$BEC = 0.07231$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	444.46	0.0070	P	15.6
2	☐	0.200					
3	☐	2.000	2.099	6045.85	0.0969	P	3.1
4	☐	100.000	105.403	278762.42	4.5223	P	1.3
5	☐	250.000	255.056	700083.38	10.9331	P	0.6
6	☐	500.000	509.373	1370640.08	21.8276	P	1.7
7	☐	1000.000	1030.271	2673622.01	44.1419	A	0.8
8	☐	2000.000	1981.619	5121824.99	84.8959	A	1.4
9	☐			10456.29	0.1706	P	0.5

$$y = 0.0428 * x + 0.0070$$

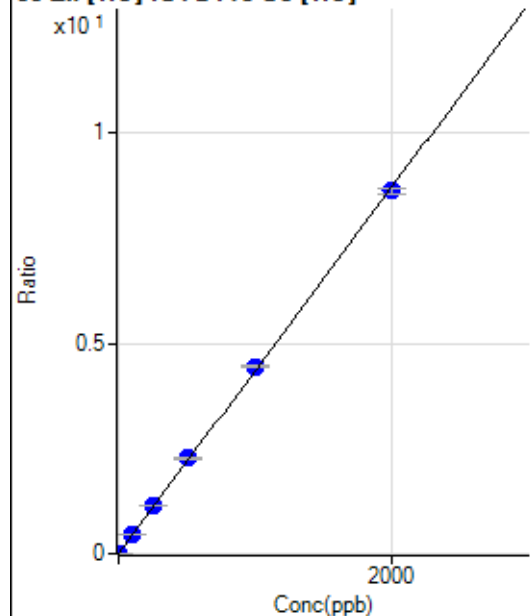
$$R = 0.9998$$

$$DL = 0.07613$$

$$BEC = 0.163$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	92.22	0.0014	P	7.9
2	☐	0.200					
3	☐	2.000	1.935	615.58	0.0099	P	5.6
4	☐	100.000	107.131	28797.84	0.4672	P	1.8
5	☐	250.000	260.439	72594.36	1.1337	P	0.7
6	☐	500.000	521.659	142497.28	2.2693	P	1.8
7	☐	1000.000	1022.741	269393.83	4.4478	P	1.2
8	☐	2000.000	1981.553	519820.76	8.6161	P	1.3
9	☐			3491.61	0.0570	P	2.9

$$y = 0.0043 * x + 0.0014$$

$$R = 0.9998$$

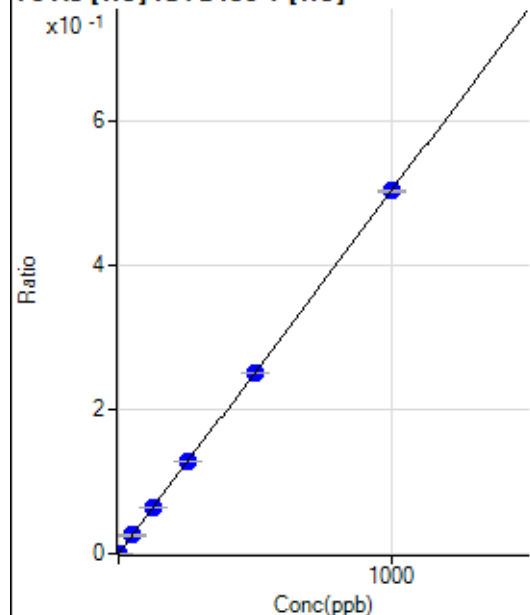
$$DL = 0.07951$$

$$BEC = 0.3335$$

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	11.11	0.0000	P	43.9
2	☐	0.100					
3	☐	1.000	0.945	200.00	0.0005	P	1.8
4	☐	50.000	50.825	9995.05	0.0256	P	3.2
5	☐	125.000	127.140	25939.22	0.0641	P	0.5
6	☐	250.000	252.735	50988.08	0.1273	P	0.8
7	☐	500.000	498.463	97618.81	0.2511	P	0.7
8	☐	1000.000	999.776	192266.20	0.5037	P	0.4
9	☐			103.71	0.0003	P	13.4

$$y = 5.0374\text{E-}004 * x + 2.7537\text{E-}005$$

$$R = 1.0000$$

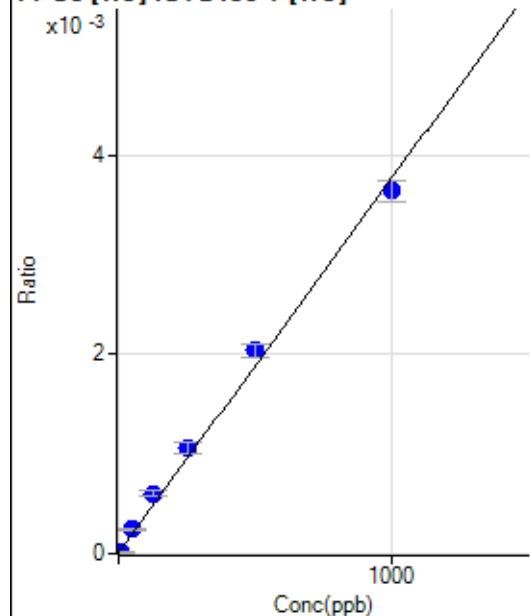
$$DL = 0.07194$$

$$BEC = 0.05466$$

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	3.33	0.0000	P	99.8
2	☐	0.500					
3	☐	5.000	1.520	5.56	0.0000	P	91.3
4	☐	50.000	62.859	95.56	0.0002	P	12.2
5	☐	125.000	157.750	243.34	0.0006	P	9.7
6	☐	250.000	281.444	426.68	0.0011	P	10.0
7	☐	500.000	540.471	792.26	0.0020	P	6.1
8	☐	1000.000	967.184	1390.09	0.0036	P	5.7
9	☐			4.44	0.0000	P	114.

$$y = 3.7562\text{E-}006 * x + 8.2862\text{E-}006$$

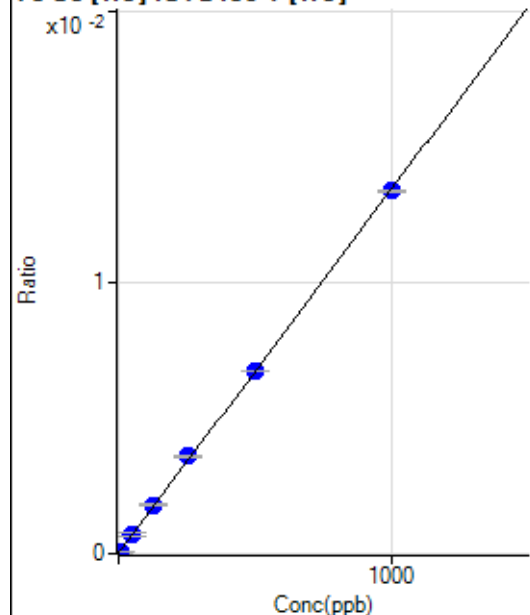
$$R = 0.9978$$

$$DL = 6.605$$

$$BEC = 2.206$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.94	0.0000	P	142.
2	☐	0.500					
3	☐	5.000	5.671	35.18	0.0001	P	22.4
4	☐	50.000	50.951	272.85	0.0007	P	16.4
5	☐	125.000	133.381	731.51	0.0018	P	2.2
6	☐	250.000	266.763	1442.07	0.0036	P	2.8
7	☐	500.000	499.052	2615.09	0.0067	P	0.3
8	☐	1000.000	995.185	5116.43	0.0134	P	0.7
9	☐			9.26	0.0000	P	39.7

$$y = 1.3455\text{E-}005 * x + 1.2231\text{E-}005$$

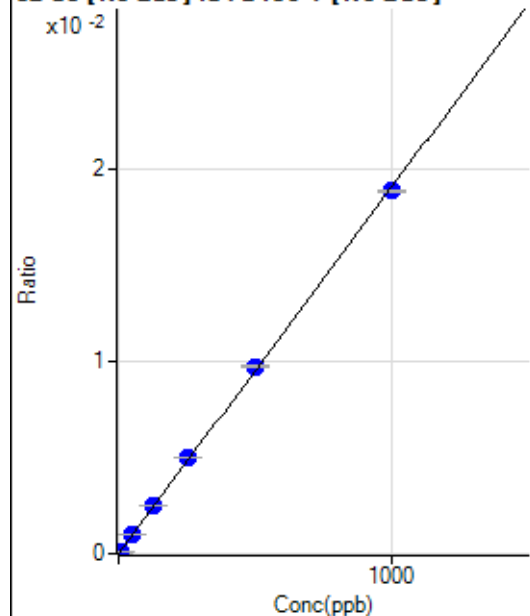
$$R = 0.9998$$

$$DL = 3.877$$

$$BEC = 0.909$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-86.66	0.0000	P	-52.
2	☐	0.500					
3	☐	5.000	4.783	508.70	0.0001	P	35.5
4	☐	50.000	52.289	6384.08	0.0010	P	1.6
5	☐	125.000	130.851	16448.91	0.0025	P	0.1
6	☐	250.000	262.594	32669.78	0.0050	P	1.2
7	☐	500.000	510.606	63501.36	0.0097	P	1.1
8	☐	1000.000	990.704	125366.74	0.0189	P	0.6
9	☐			64.26	0.0000	P	145.

$$y = 1.9071\text{E-}005 * x - 1.2951\text{E-}005$$

$$R = 0.9998$$

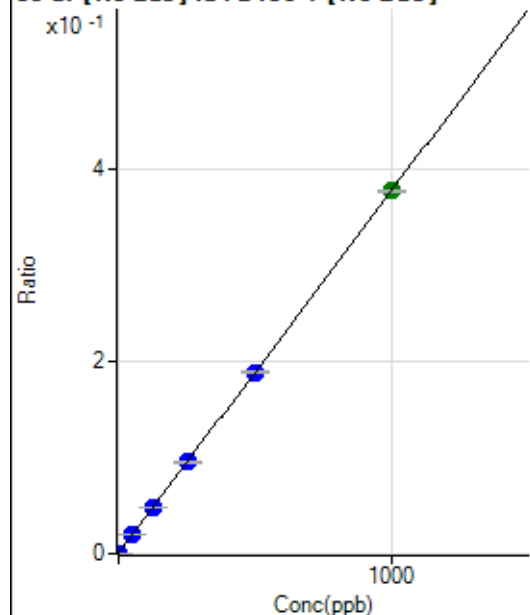
$$DL = 1.062$$

$$BEC = -0.6791$$

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	2783.74	0.0004	P	5.1
2	☐	0.100					
3	☐	1.000	0.938	4990.04	0.0008	P	1.3
4	☐	50.000	50.259	125913.29	0.0194	P	1.1
5	☐	125.000	124.822	315350.63	0.0476	P	0.5
6	☐	250.000	251.986	625602.02	0.0957	P	1.8
7	☐	500.000	499.854	1236367.80	0.1893	P	0.7
8	☐	1000.000	999.586	2511334.32	0.3782	A	0.2
9	☐			86177.48	0.0131	P	1.1

$$y = 3.7795E-004 * x + 4.1654E-004$$

$$R = 1.0000$$

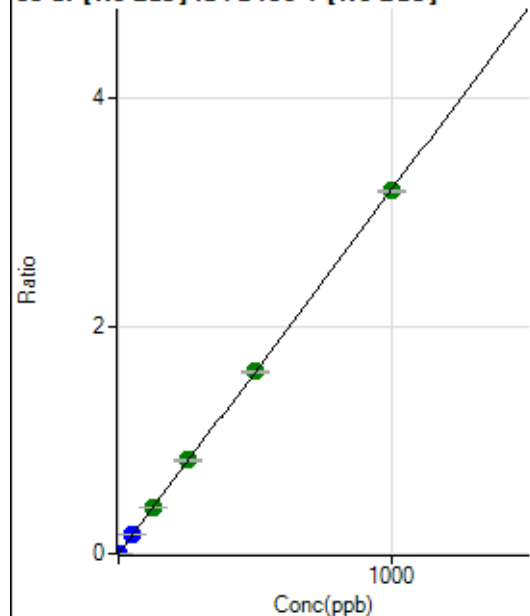
$$DL = 0.1701$$

$$BEC = 1.102$$

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	102.78	0.0000	P	11.1
2	☐	0.100					
3	☐	1.000	0.956	19879.09	0.0031	P	2.2
4	☐	50.000	51.025	1058705.47	0.1632	P	0.6
5	☐	125.000	128.387	2721106.05	0.4107	A	1.4
6	☐	250.000	256.822	5373231.15	0.8215	A	0.4
7	☐	500.000	500.602	10455336.52	1.6012	A	1.7
8	☐	1000.000	997.519	21185033.98	3.1906	A	0.6
9	☐			718936.46	0.1093	P	0.2

$$y = 0.0032 * x + 1.5367E-005$$

$$R = 1.0000$$

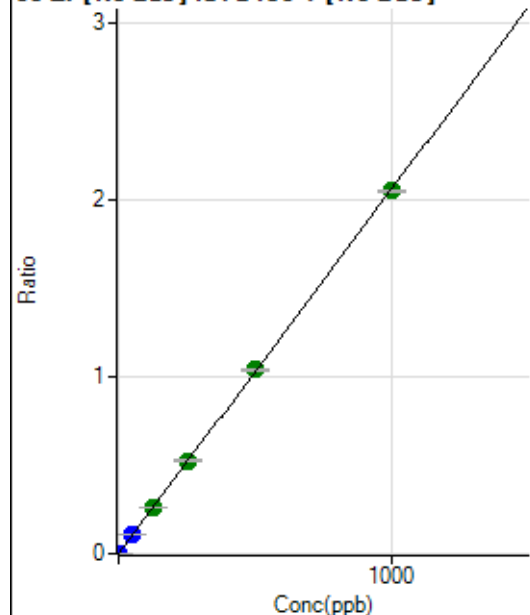
$$DL = 0.001597$$

$$BEC = 0.004804$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	369.47	0.0001	P	20.8
2	☐	0.100					
3	☐	1.000	0.918	12575.73	0.0019	P	2.9
4	☐	50.000	50.489	673881.29	0.1039	P	0.2
5	☐	125.000	127.579	1738896.11	0.2624	A	0.2
6	☐	250.000	255.327	3434611.45	0.5252	A	2.1
7	☐	500.000	505.396	6787532.61	1.0395	A	1.5
8	☐	1000.000	995.623	13596535.72	2.0477	A	0.4
9	☐			3083.83	0.0005	P	4.1

$$y = 0.0021 * x + 5.5376E-005$$

$$R = 1.0000$$

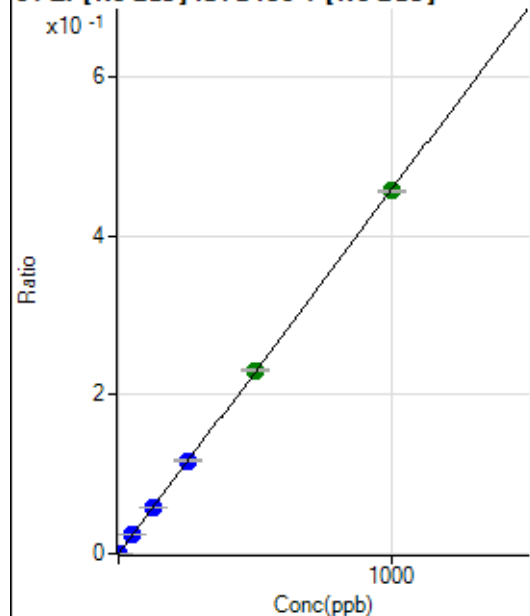
$$DL = 0.01682$$

$$BEC = 0.02693$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	27.3
2	☐	0.100					
3	☐	1.000	0.944	2886.55	0.0004	P	5.1
4	☐	50.000	50.585	150347.36	0.0232	P	0.1
5	☐	125.000	124.860	378960.50	0.0572	P	0.5
6	☐	250.000	255.056	764006.47	0.1168	P	1.8
7	☐	500.000	503.004	1504264.75	0.2304	A	1.1
8	☐	1000.000	997.222	3032373.92	0.4567	A	0.7
9	☐			661.16	0.0001	P	8.9

$$y = 4.5795E-004 * x + 1.3272E-005$$

$$R = 1.0000$$

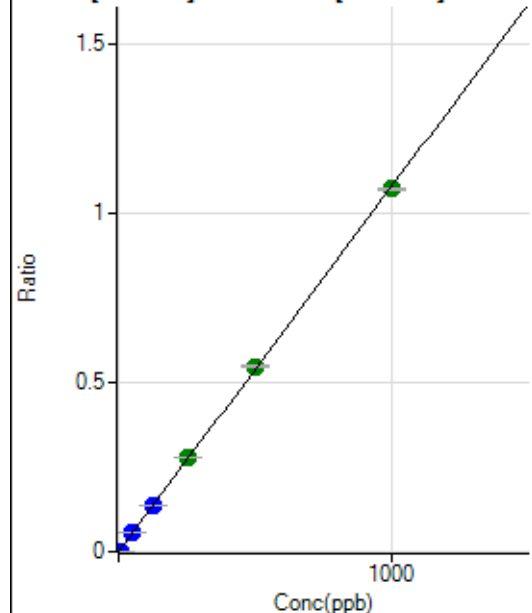
$$DL = 0.02375$$

$$BEC = 0.02898$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	188.90	0.0000	P	17.4
2	☐	0.500					
3	☐	5.000	2.025	14299.77	0.0022	P	1.8
4	☐	50.000	50.953	356119.05	0.0549	P	0.2
5	☐	125.000	125.534	895981.48	0.1352	P	0.7
6	☐	250.000	259.011	1824664.23	0.2790	A	1.1
7	☐	500.000	507.573	3569579.51	0.5467	A	1.4
8	☐	1000.000	993.861	7107078.37	1.0704	A	0.9
9	☐			10379.47	0.0016	P	7.5

$$y = 0.0011 * x + 2.8234E-005$$

$$R = 0.9999$$

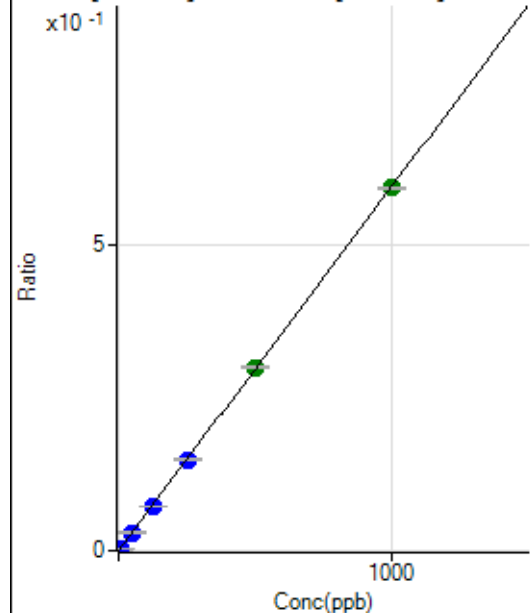
$$DL = 0.01366$$

$$BEC = 0.02622$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	88.89	0.0000	P	13.9
2	☐	0.500					
3	☐	5.000	4.604	17784.67	0.0027	P	1.8
4	☐	50.000	50.077	193084.11	0.0298	P	0.8
5	☐	125.000	124.048	488457.38	0.0737	P	0.1
6	☐	250.000	250.850	974906.25	0.1491	P	1.5
7	☐	500.000	504.868	1958891.65	0.3000	A	1.0
8	☐	1000.000	997.470	3935252.78	0.5927	A	0.8
9	☐			16101.92	0.0024	P	5.5

$$y = 5.9416E-004 * x + 1.3296E-005$$

$$R = 1.0000$$

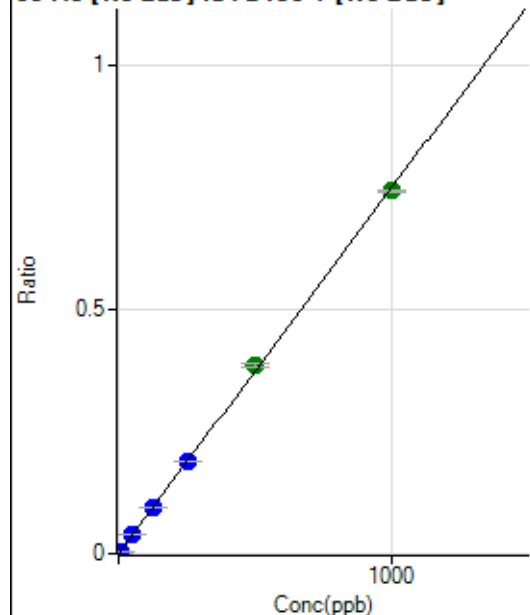
$$DL = 0.009353$$

$$BEC = 0.02238$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	172.23	0.0000	P	22.7
2	☐	0.500					
3	☐	5.000	3.957	19361.91	0.0030	P	0.9
4	☐	50.000	50.194	244240.71	0.0377	P	0.8
5	☐	125.000	124.369	617947.59	0.0933	P	0.6
6	☐	250.000	252.412	1237776.34	0.1893	P	1.6
7	☐	500.000	514.802	2520199.08	0.3860	A	2.0
8	☐	1000.000	992.070	4938558.40	0.7438	A	0.3
9	☐			18427.15	0.0028	P	1.7

$$y = 7.4968\text{E-}004 * x + 2.5789\text{E-}005$$

$$R = 0.9998$$

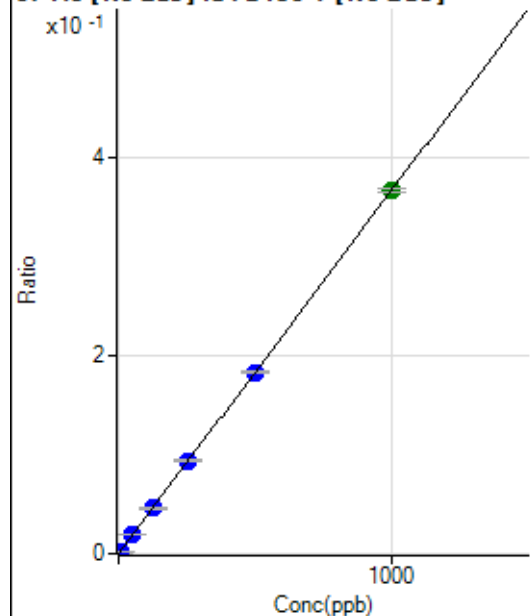
$$DL = 0.02347$$

$$BEC = 0.0344$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	33.7
2	☐	0.500					
3	☐	5.000	4.561	10854.82	0.0017	P	2.1
4	☐	50.000	50.545	120074.99	0.0185	P	1.0
5	☐	125.000	124.473	301982.08	0.0456	P	0.8
6	☐	250.000	255.584	612011.86	0.0936	P	1.7
7	☐	500.000	499.208	1193405.84	0.1828	P	1.5
8	☐	1000.000	999.041	2428526.92	0.3657	A	1.0
9	☐			10081.99	0.0015	P	5.5

$$y = 3.6609\text{E-}004 * x + 7.9183\text{E-}006$$

$$R = 1.0000$$

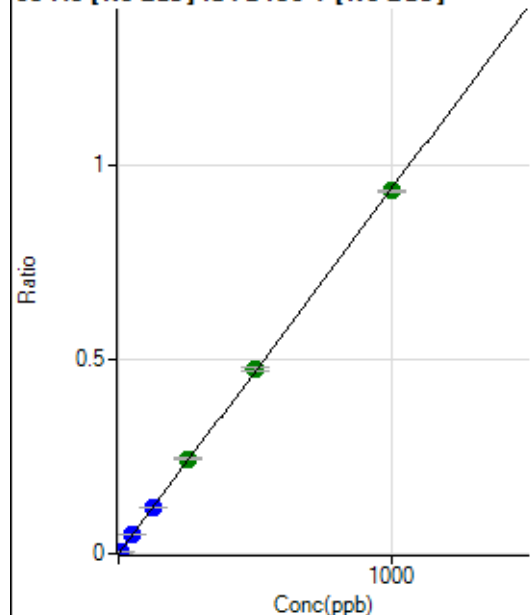
$$DL = 0.02185$$

$$BEC = 0.02163$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	127.78	0.0000	P	10.6
2	☐	0.500					
3	☐	5.000	4.483	27323.10	0.0042	P	2.9
4	☐	50.000	50.299	306042.87	0.0472	P	0.4
5	☐	125.000	124.383	772905.89	0.1166	P	0.6
6	☐	250.000	258.585	1585867.96	0.2425	A	2.1
7	☐	500.000	506.785	3102933.81	0.4752	A	2.0
8	☐	1000.000	994.526	6192027.01	0.9326	A	0.8
9	☐			25794.91	0.0039	P	1.8

$$y = 9.3766\text{E-}004 * x + 1.9131\text{E-}005$$

$$R = 0.9999$$

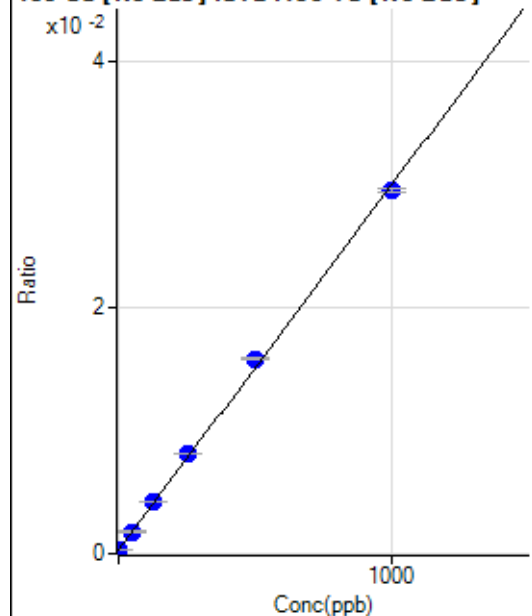
$$DL = 0.006511$$

$$BEC = 0.0204$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1814.10	0.0003	P	6.3
2	☐	0.100					
3	☐	1.000	0.987	1930.79	0.0003	P	7.9
4	☐	50.000	50.914	11374.72	0.0018	P	2.2
5	☐	125.000	130.587	26808.29	0.0042	P	0.6
6	☐	250.000	264.767	52347.31	0.0081	P	0.9
7	☐	500.000	522.924	100913.14	0.0158	P	1.1
8	☐	1000.000	984.102	194039.53	0.0294	P	0.9
9	☐			1766.86	0.0003	P	7.7

$$y = 2.9630\text{E-}005 * x + 2.8254\text{E-}004$$

$$R = 0.9995$$

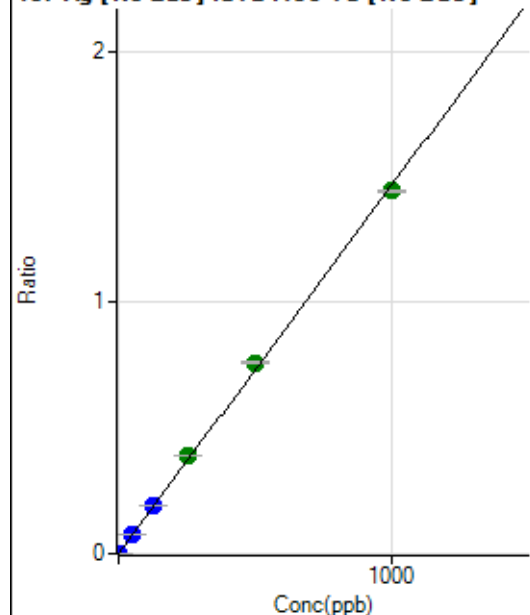
$$DL = 1.815$$

$$BEC = 9.535$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	37.1
2	☐	0.100					
3	☐	1.000	1.330	12139.34	0.0020	P	1.3
4	☐	50.000	52.304	487264.16	0.0767	P	0.4
5	☐	125.000	130.088	1232024.73	0.1908	P	1.2
6	☐	250.000	266.553	2518009.11	0.3910	A	1.6
7	☐	500.000	519.179	4870651.50	0.7615	A	1.6
8	☐	1000.000	985.521	9526916.10	1.4455	A	0.5
9	☐			1655.75	0.0003	P	15.5

$$y = 0.0015 * x + 1.0785E-005$$

$$R = 0.9996$$

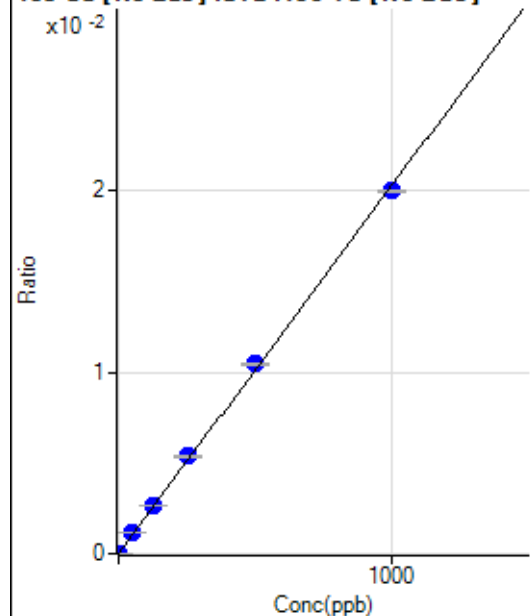
$$DL = 0.008179$$

$$BEC = 0.007353$$

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	9.72	0.0000	P	48.8
2	☐	0.100					
3	☐	1.000	1.365	180.56	0.0000	P	14.5
4	☐	50.000	55.582	7154.84	0.0011	P	1.4
5	☐	125.000	131.070	17138.95	0.0027	P	3.2
6	☐	250.000	265.268	34594.72	0.0054	P	1.0
7	☐	500.000	517.048	66957.10	0.0105	P	1.0
8	☐	1000.000	986.621	131642.31	0.0200	P	0.6
9	☐			47.22	0.0000	P	36.3

$$y = 2.0243E-005 * x + 1.5097E-006$$

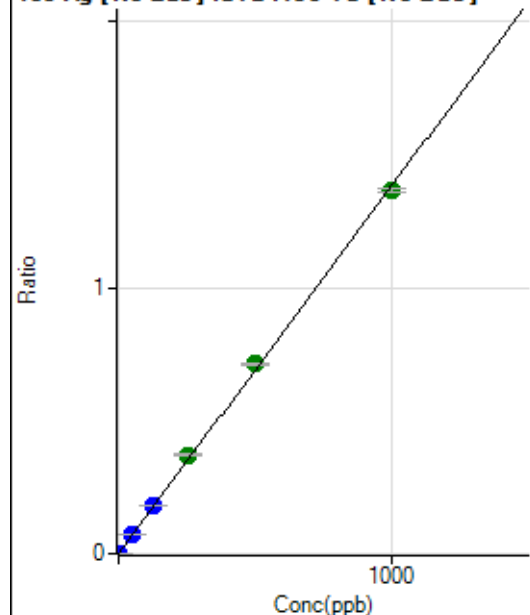
$$R = 0.9997$$

$$DL = 0.1093$$

$$BEC = 0.07458$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0000	P	20.7
2	☐	0.100					
3	☐	1.000	1.364	11722.27	0.0019	P	1.9
4	☐	50.000	52.914	464031.84	0.0731	P	0.5
5	☐	125.000	131.147	1169168.37	0.1811	P	1.5
6	☐	250.000	267.724	2380791.37	0.3697	A	1.3
7	☐	500.000	515.353	4551234.09	0.7116	A	1.5
8	☐	1000.000	986.978	8981387.35	1.3627	A	1.0
9	☐			1680.74	0.0003	P	5.0

$$y = 0.0014 * x + 1.0373E-005$$

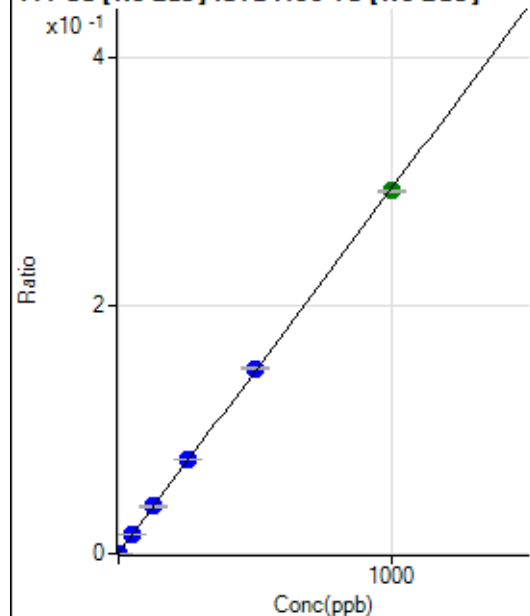
$$R = 0.9996$$

$$DL = 0.004666$$

$$BEC = 0.007513$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1293.62	0.0002	P	5.2
2	☐	0.100					
3	☐	1.000	0.913	2907.26	0.0005	P	1.5
4	☐	50.000	51.669	97737.78	0.0154	P	1.8
5	☐	125.000	128.680	245542.02	0.0380	P	1.0
6	☐	250.000	257.422	488676.51	0.0759	P	0.8
7	☐	500.000	507.751	955992.95	0.1495	P	1.0
8	☐	1000.000	993.726	1926634.28	0.2923	A	0.6
9	☐			1691.27	0.0003	P	7.1

$$y = 2.9396E-004 * x + 2.0150E-004$$

$$R = 0.9999$$

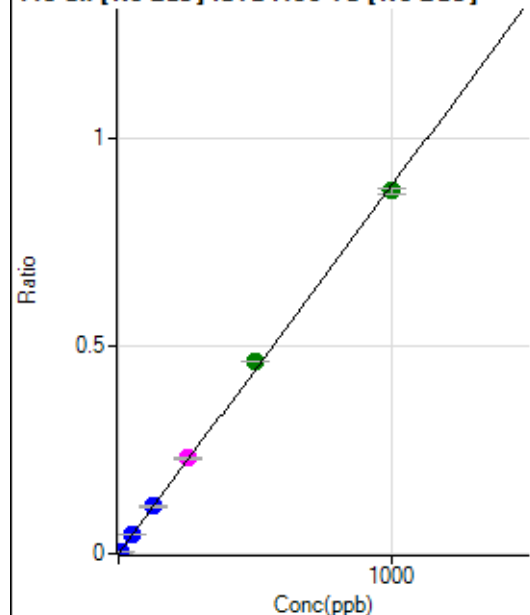
$$DL = 0.1067$$

$$BEC = 0.6855$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1783.54	0.0003	P	6.7
2	☐	0.500					
3	☐	5.000	5.247	30499.68	0.0049	P	1.1
4	☐	50.000	51.304	290527.73	0.0457	P	0.4
5	☐	125.000	128.278	735885.47	0.1140	P	0.8
6	☐	250.000	258.712	1478619.52	0.2296	M	0.1
7	☐	500.000	521.772	2959740.17	0.4627	A	0.0
8	☐	1000.000	986.460	5763761.02	0.8746	A	1.4
9	☐			5468.04	0.0008	P	6.6

$$y = 8.8628\text{E-}004 * x + 2.7807\text{E-}004$$

$$R = 0.9996$$

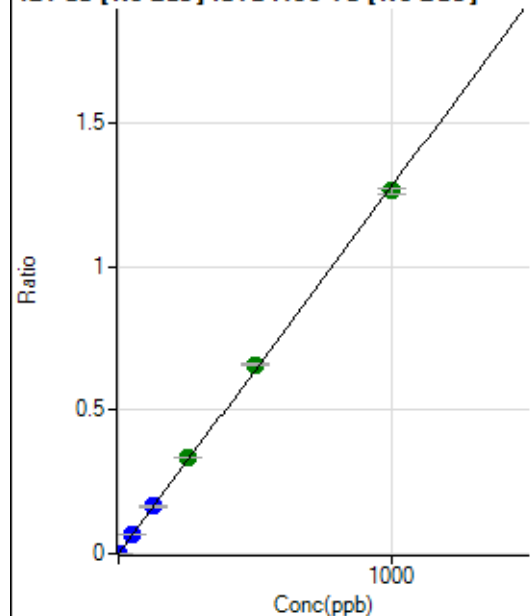
$$DL = 0.06311$$

$$BEC = 0.3138$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	72.22	0.0000	P	27.8
2	☐	0.200					
3	☐	2.000	1.976	15704.45	0.0025	P	4.4
4	☐	50.000	51.455	417870.47	0.0658	P	0.3
5	☐	125.000	128.642	1062004.43	0.1645	P	1.5
6	☐	250.000	263.187	2167390.24	0.3365	A	0.8
7	☐	500.000	515.894	4219097.71	0.6596	A	0.8
8	☐	1000.000	988.228	8326967.90	1.2635	A	1.9
9	☐			18368.89	0.0028	P	3.9

$$y = 0.0013 * x + 1.1226\text{E-}005$$

$$R = 0.9997$$

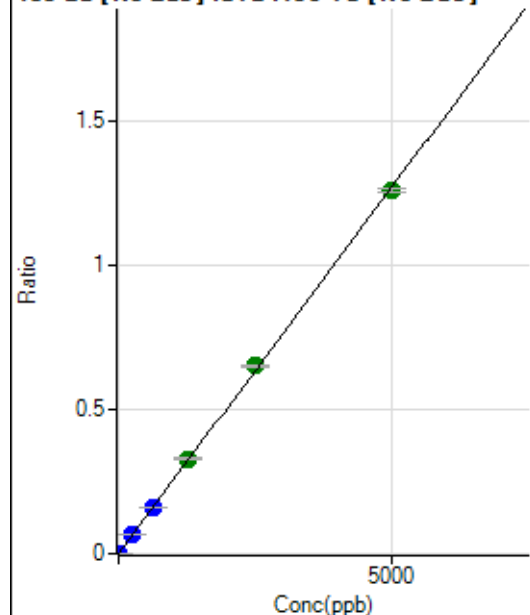
$$DL = 0.00731$$

$$BEC = 0.00878$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	47.23	0.0000	P	56.4
2	☐	1.000					
3	☐	10.000	9.408	14831.20	0.0024	P	1.7
4	☐	250.000	254.081	409801.34	0.0645	P	0.8
5	☐	625.000	633.480	1038696.14	0.1609	P	1.4
6	☐	1250.000	1297.855	2122776.07	0.3296	A	0.7
7	☐	2500.000	2563.795	4164321.10	0.6511	A	1.6
8	☐	5000.000	4954.876	8292687.86	1.2583	A	1.2
9	☐			3828.51	0.0006	P	5.1

$$y = 2.5394\text{E-}004 * x + 7.3496\text{E-}006$$

$$R = 0.9998$$

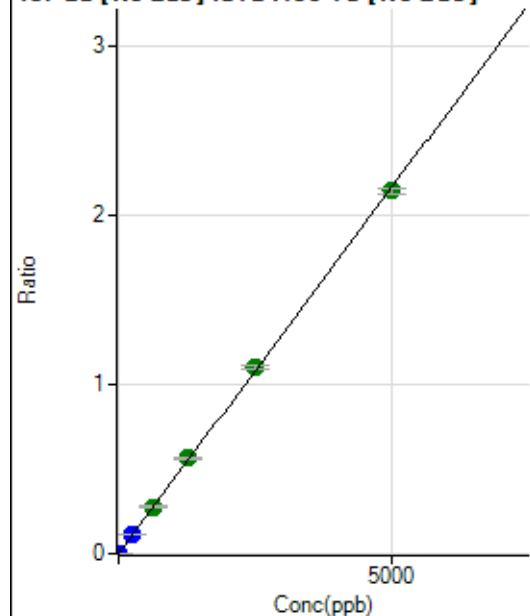
$$DL = 0.04893$$

$$BEC = 0.02894$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0000	P	40.9
2	☐	1.000					
3	☐	10.000	9.219	24765.82	0.0040	P	2.9
4	☐	250.000	256.927	705858.36	0.1111	P	1.0
5	☐	625.000	639.218	1785187.82	0.2765	A	2.1
6	☐	1250.000	1304.770	3635035.11	0.5644	A	1.0
7	☐	2500.000	2555.494	7070308.49	1.1054	A	1.7
8	☐	5000.000	4956.438	14129260.04	2.1439	A	1.7
9	☐			6385.18	0.0010	P	2.3

$$y = 4.3255\text{E-}004 * x + 1.4334\text{E-}005$$

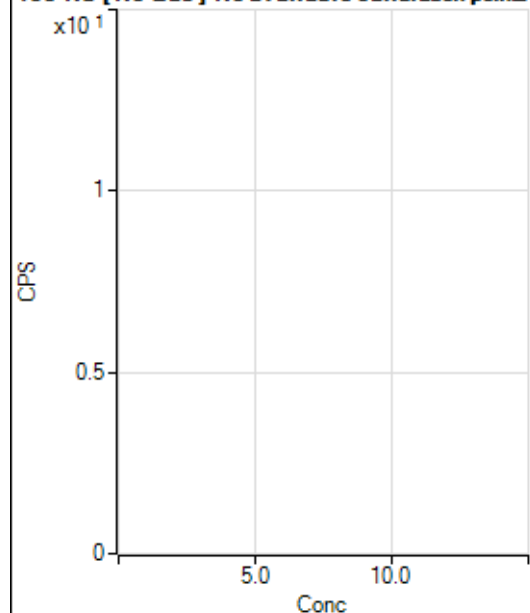
$$R = 0.9998$$

$$DL = 0.04071$$

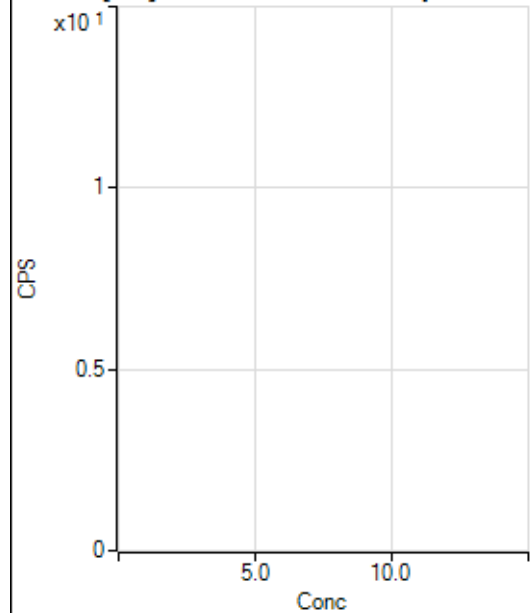
$$BEC = 0.03314$$

Weight: <None>

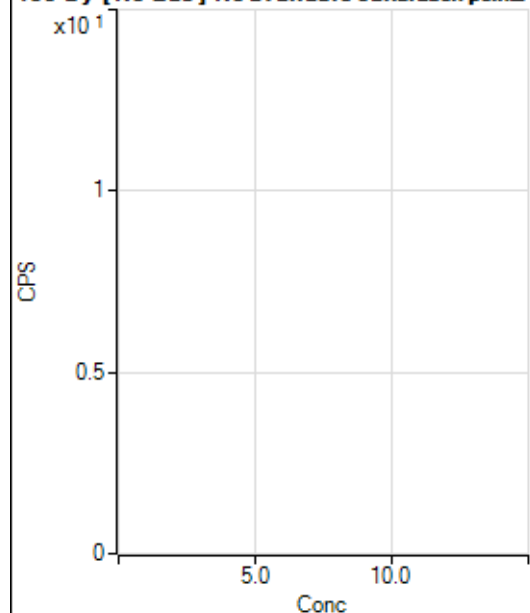
Min Conc: 0

150 Nd [No Gas] No available calibration points

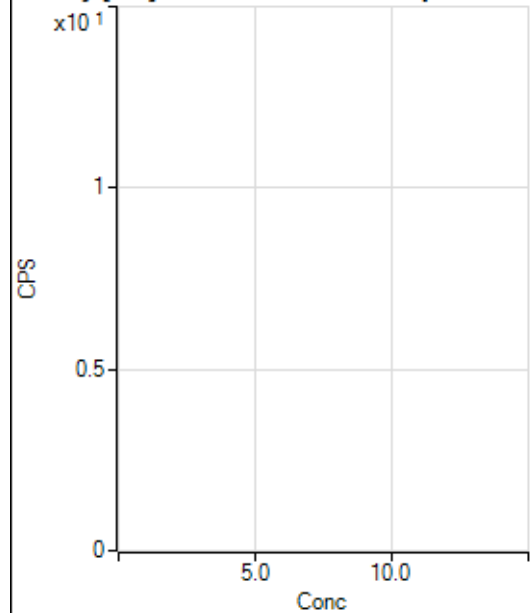
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.67		P	100.
2	☐						
3	☐			4.44		P	173.
4	☐			15.55		P	24.8
5	☐			42.22		P	39.7
6	☐			68.89		P	40.3
7	☐			133.34		P	30.4
8	☐			226.68		P	28.4
9	☐			93.34		P	7.1

150 Nd [He] No available calibration points

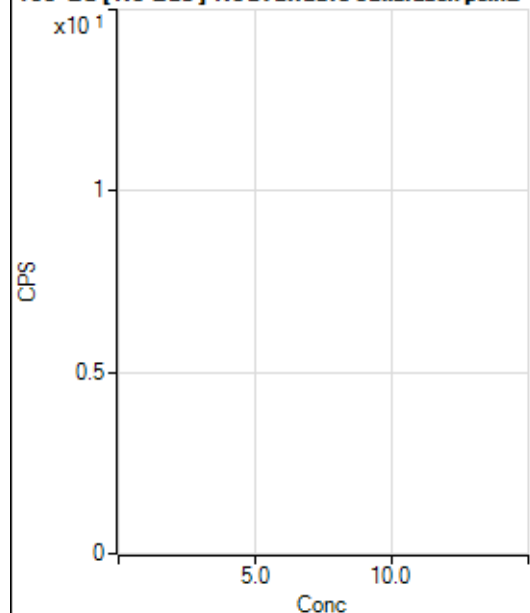
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			2.22		P	173.
5	☐			7.78		P	65.5
6	☐			5.56		P	34.7
7	☐			8.89		P	21.6
8	☐			10.00		P	66.7
9	☐			25.56		P	49.4

156 Dy [No Gas] No available calibration points

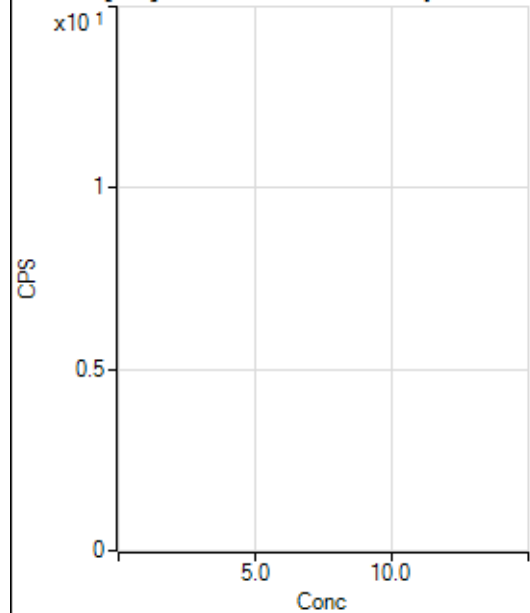
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			8.33		P	0.0
2	☐						
3	☐			8.33		P	100.
4	☐			13.89		P	34.7
5	☐			33.34		P	43.3
6	☐			44.45		P	78.1
7	☐			77.78		P	6.2
8	☐			127.79		P	32.8
9	☐			127.78		P	27.2

156 Dy [He] No available calibration points

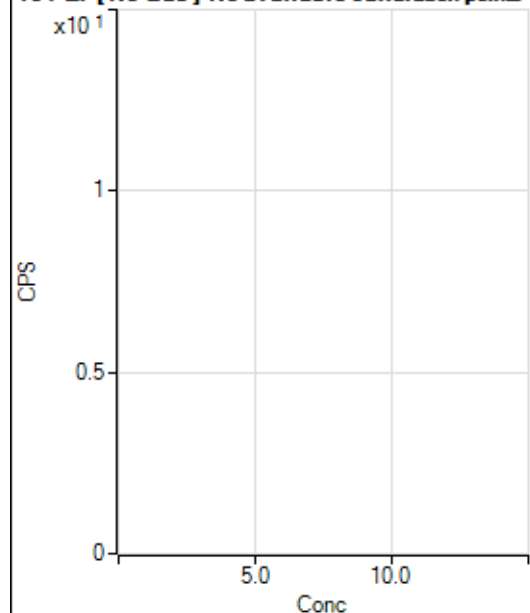
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			1.11		P	173.
5	☐			2.22		P	86.6
6	☐			10.00		P	88.2
7	☐			20.00		P	57.7
8	☐			22.22		P	17.3
9	☐			27.78		P	18.3

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

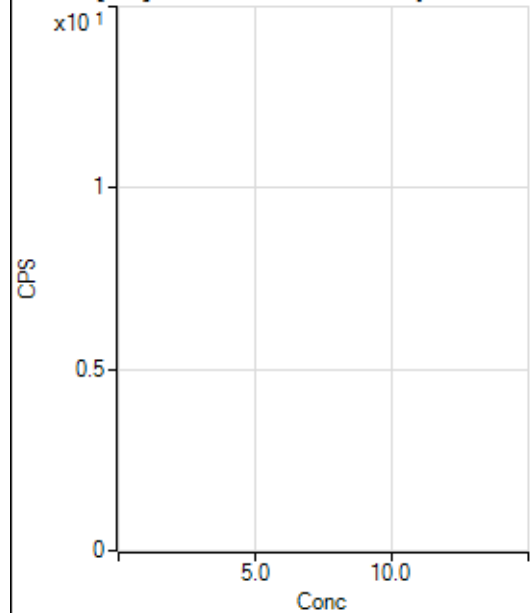
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			83.34		P	10.0
2	☐						
3	☐			66.67		P	21.7
4	☐			91.67		P	27.3
5	☐			83.34		P	17.3
6	☐			119.45		P	26.4
7	☐			127.79		P	16.4
8	☐			144.45		P	13.3
9	☐			163.90		P	15.5

160 Gd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			26.67		P	50.0
2	☐						
3	☐			23.33		P	28.6
4	☐			11.11		P	69.3
5	☐			23.34		P	24.7
6	☐			33.33		P	26.5
7	☐			45.55		P	8.5
8	☐			41.11		P	9.4
9	☐			35.55		P	10.8

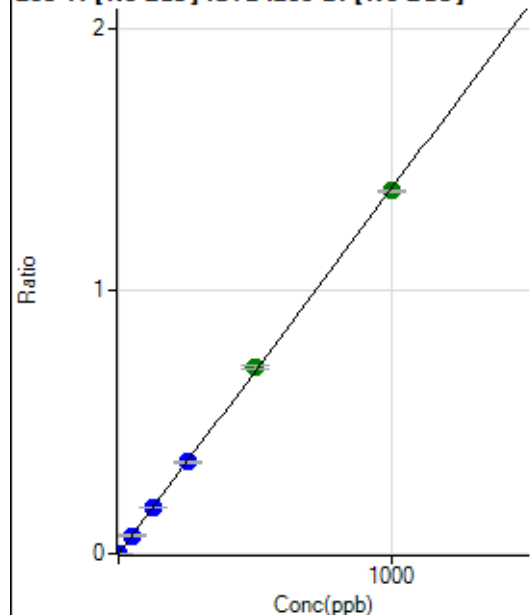
164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	25.0
2	☐						
3	☐			25.00		P	0.0
4	☐			19.45		P	24.7
5	☐			47.22		P	36.7
6	☐			38.89		P	24.7
7	☐			44.45		P	54.1
8	☐			58.33		P	37.8
9	☐			50.00		P	28.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			11.11		P	17.3
4	☐			4.44		P	43.4
5	☐			11.11		P	34.6
6	☐			4.44		P	114.
7	☐			11.11		P	34.6
8	☐			7.78		P	65.5
9	☐			21.11		P	24.1

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0000	P	30.2
2	☐	0.100					
3	☐	1.000	0.954	4526.04	0.0013	P	3.3
4	☐	50.000	49.613	241084.81	0.0689	P	2.4
5	☐	125.000	123.944	609655.09	0.1721	P	0.1
6	☐	250.000	250.713	1231251.04	0.3481	P	1.8
7	☐	500.000	512.141	2503013.27	0.7110	A	1.5
8	☐	1000.000	993.902	4944387.44	1.3797	A	0.5
9	☐			2180.86	0.0006	P	4.3

$$y = 0.0014 * x + 2.1194E-005$$

$$R = 0.9999$$

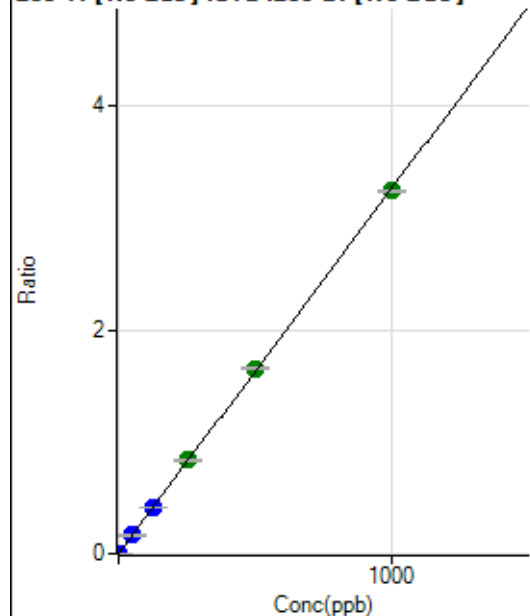
$$DL = 0.01381$$

$$BEC = 0.01527$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	144.45	0.0000	P	19.4
2	☐	0.100					
3	☐	1.000	0.986	10941.34	0.0033	P	3.7
4	☐	50.000	50.219	572896.65	0.1637	P	1.9
5	☐	125.000	125.884	1453649.41	0.4103	P	0.5
6	☐	250.000	257.159	2964898.05	0.8381	A	1.8
7	☐	500.000	507.633	5824618.14	1.6544	A	1.5
8	☐	1000.000	994.272	11612297.66	3.2404	A	0.5
9	☐			5276.39	0.0015	P	4.7

$$y = 0.0033 * x + 4.0810E-005$$

$$R = 0.9999$$

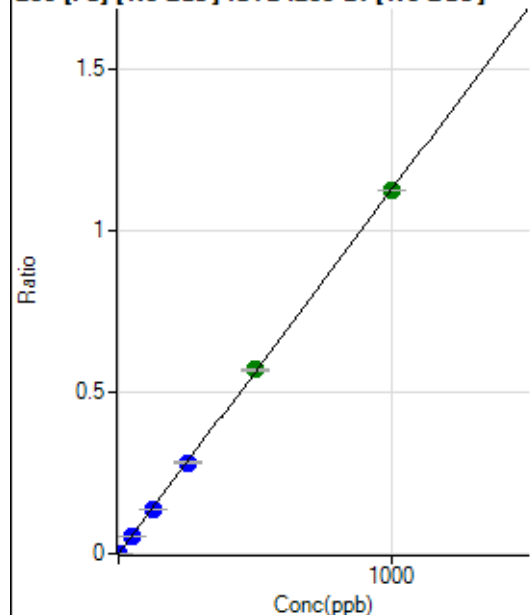
$$DL = 0.007292$$

$$BEC = 0.01252$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	377.80	0.0001	P	14.1
2	☐	0.100					
3	☐	1.000	1.015	4198.98	0.0012	P	5.1
4	☐	50.000	49.195	193961.55	0.0554	P	1.9
5	☐	125.000	123.034	490527.78	0.1385	P	0.3
6	☐	250.000	249.406	992482.76	0.2806	P	1.7
7	☐	500.000	505.783	2002838.33	0.5688	A	0.7
8	☐	1000.000	997.543	4020155.01	1.1218	A	0.1
9	☐			10419.37	0.0031	P	0.8

$$y = 0.0011 * x + 1.0669E-004$$

$$R = 1.0000$$

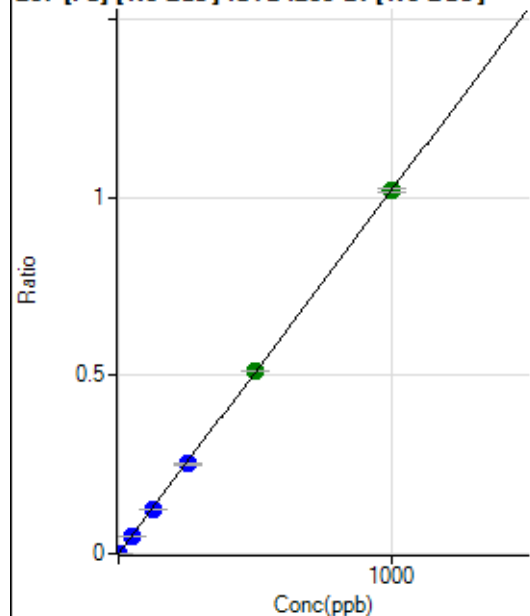
$$DL = 0.04004$$

$$BEC = 0.09488$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	361.13	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	1.013	3817.36	0.0011	P	1.6
4	☐	50.000	48.714	174115.35	0.0498	P	1.4
5	☐	125.000	122.407	442367.62	0.1249	P	0.3
6	☐	250.000	247.852	893983.39	0.2527	P	1.8
7	☐	500.000	504.082	1809321.86	0.5139	A	0.5
8	☐	1000.000	998.884	3648836.94	1.0182	A	1.1
9	☐			8970.11	0.0026	P	1.9

$$y = 0.0010 * x + 1.0182E-004$$

$$R = 1.0000$$

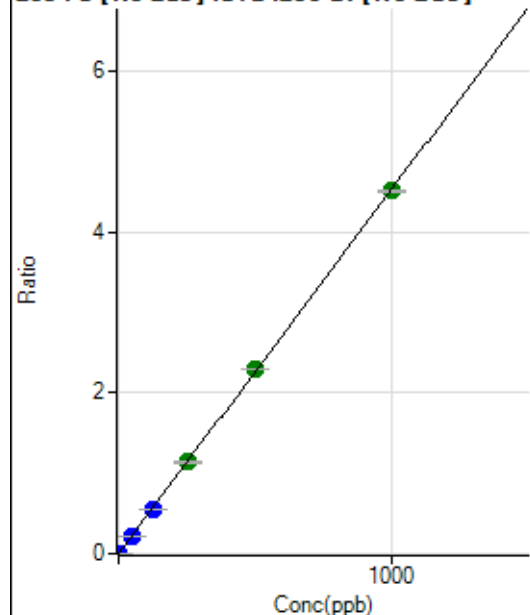
$$DL = 0.04401$$

$$BEC = 0.0999$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1553.79	0.0004	P	1.8
2	☐	0.100					
3	☐	1.000	1.018	16997.55	0.0051	P	1.6
4	☐	50.000	49.420	785063.02	0.2243	P	1.1
5	☐	125.000	123.633	1985860.55	0.5605	P	0.1
6	☐	250.000	252.230	4043800.99	1.1431	A	1.5
7	☐	500.000	506.709	8083458.11	2.2959	A	0.7
8	☐	1000.000	996.288	16176013.96	4.5137	A	0.6
9	☐			40785.82	0.0119	P	1.3

$$y = 0.0045 * x + 4.3853E-004$$

$$R = 1.0000$$

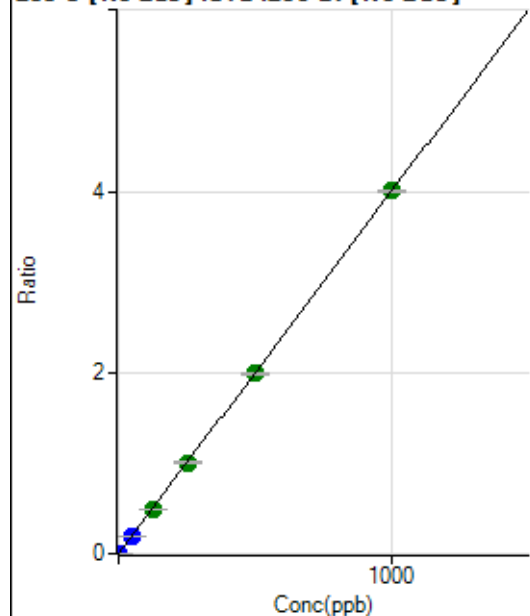
$$DL = 0.005227$$

$$BEC = 0.0968$$

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	297.24	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	0.915	12604.15	0.0037	P	1.2
4	☐	50.000	48.466	678931.98	0.1940	P	0.6
5	☐	125.000	123.254	1747338.00	0.4932	A	0.6
6	☐	250.000	251.452	3558786.93	1.0061	A	2.5
7	☐	500.000	497.544	7008841.30	1.9906	A	1.1
8	☐	1000.000	1001.160	14354419.24	4.0055	A	0.8
9	☐			3478.42	0.0010	P	2.7

$$y = 0.0040 * x + 8.3868E-005$$

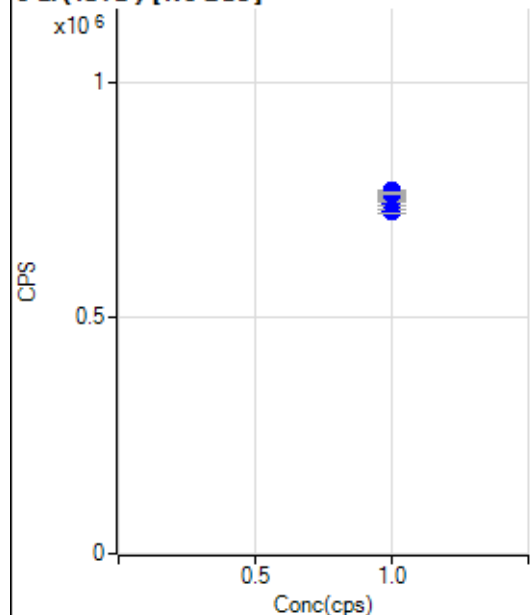
$$R = 1.0000$$

$$DL = 0.01019$$

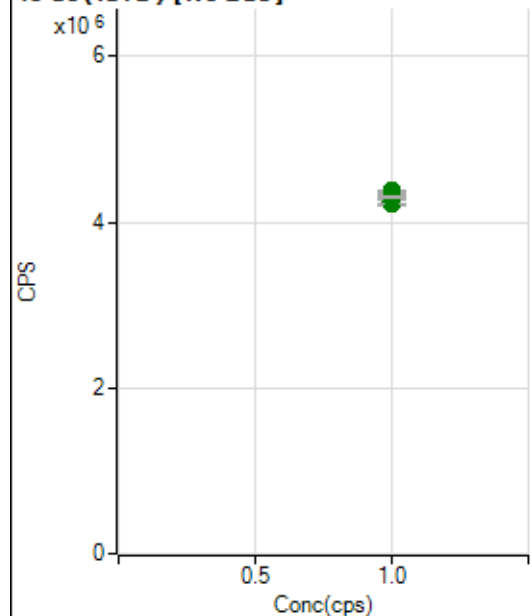
$$BEC = 0.02096$$

Weight: <None>

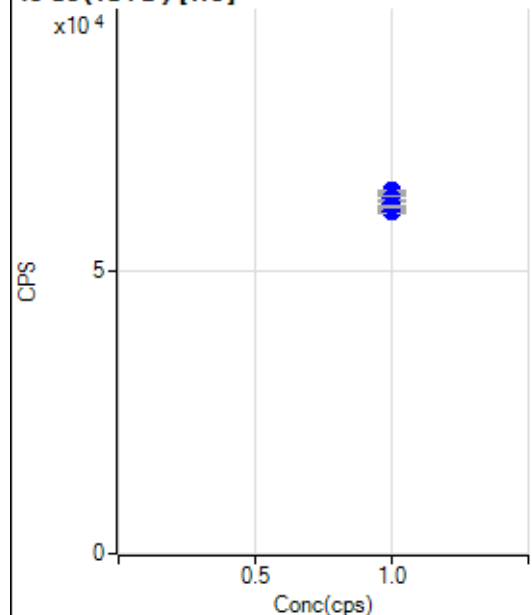
Min Conc: 0

6 Li (ISTD) [No Gas]

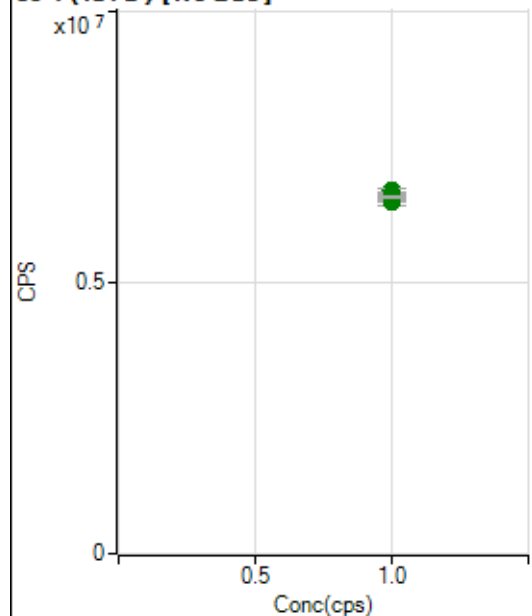
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		768729.36		P	0.6
2	☐	1.000					
3	☐	1.000		725947.70		P	1.2
4	☐	1.000		741034.03		P	0.8
5	☐	1.000		754121.94		P	0.7
6	☐	1.000		749412.64		P	1.2
7	☐	1.000		749153.27		P	0.5
8	☐	1.000		761213.18		P	0.7
9	☐	1.000		764207.29		P	0.6

45 Sc (ISTD) [No Gas]

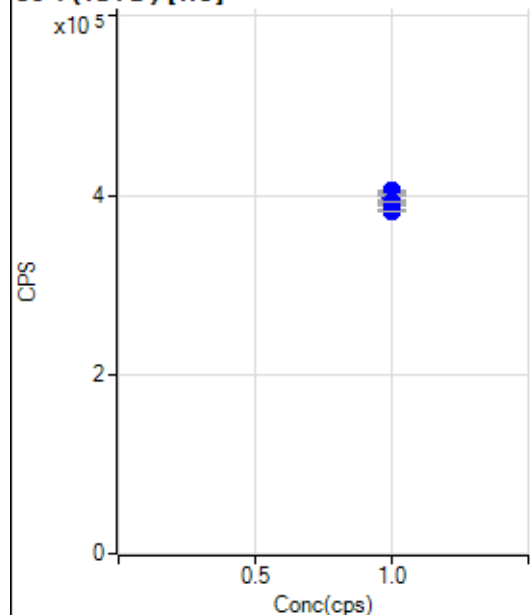
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4377862.77		A	0.2
2	☐	1.000					
3	☐	1.000		4229465.85		A	1.9
4	☐	1.000		4350502.01		A	0.7
5	☐	1.000		4341053.70		A	0.3
6	☐	1.000		4299460.08		A	1.6
7	☐	1.000		4289554.13		A	0.3
8	☐	1.000		4248345.71		A	1.0
9	☐	1.000		4301840.29		A	0.2

45 Sc (ISTD) [He]

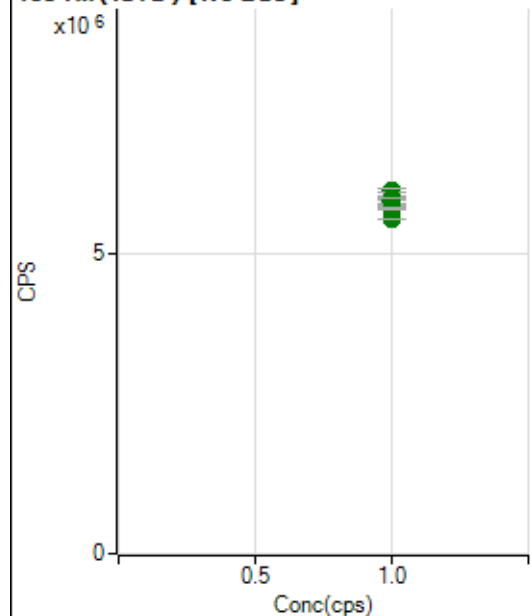
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		63621.10		P	0.7
2	☐	1.000					
3	☐	1.000		62396.79		P	0.4
4	☐	1.000		61648.28		P	1.2
5	☐	1.000		64033.99		P	0.3
6	☐	1.000		62802.97		P	1.4
7	☐	1.000		60569.74		P	0.7
8	☐	1.000		60337.82		P	1.3
9	☐	1.000		61288.52		P	0.3

89 Y (ISTD) [No Gas]

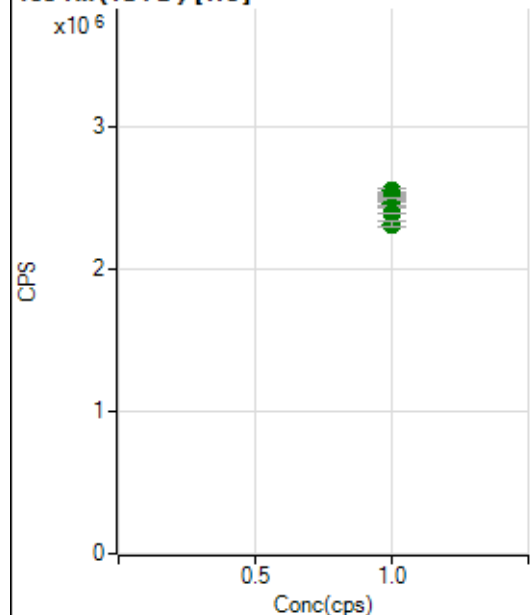
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6682455.94		A	1.3
2	☐	1.000					
3	☐	1.000		6471307.96		A	1.9
4	☐	1.000		6486404.21		A	0.3
5	☐	1.000		6625989.49		A	0.3
6	☐	1.000		6541361.15		A	1.5
7	☐	1.000		6530249.42		A	0.8
8	☐	1.000		6640043.51		A	0.6
9	☐	1.000		6577175.94		A	0.4

89 Y (ISTD) [He]

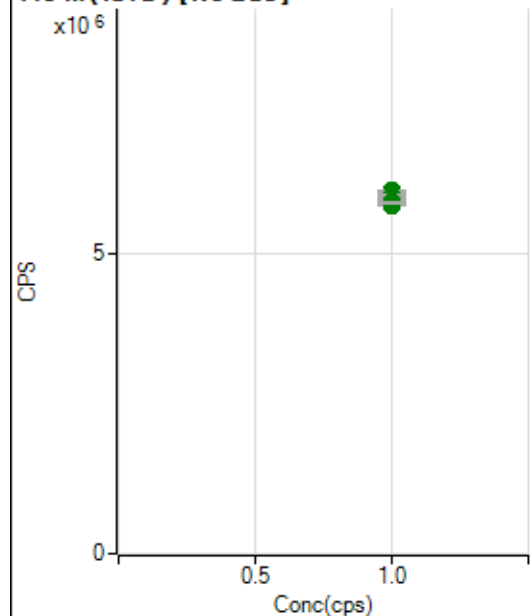
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		403300.69		P	0.7
2	☐	1.000					
3	☐	1.000		397069.37		P	0.7
4	☐	1.000		390197.60		P	2.8
5	☐	1.000		404833.73		P	0.7
6	☐	1.000		400413.24		P	0.3
7	☐	1.000		388732.55		P	0.6
8	☐	1.000		381746.58		P	0.3
9	☐	1.000		393029.88		P	0.2

103 Rh (ISTD) [No Gas]

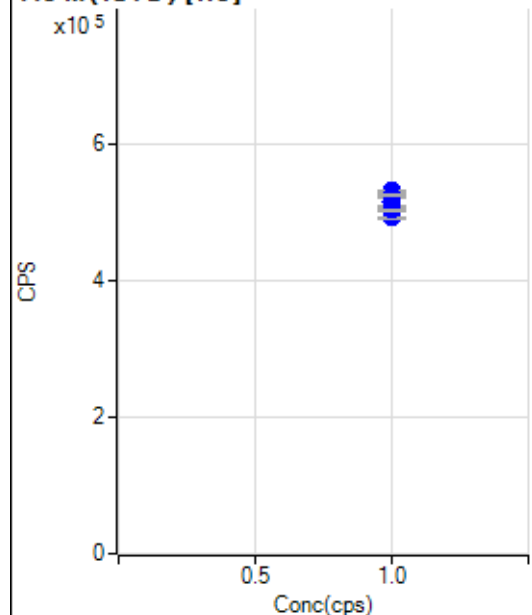
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6054998.23		A	1.0
2	☐	1.000					
3	☐	1.000		5863521.35		A	1.9
4	☐	1.000		5918483.42		A	0.6
5	☐	1.000		5938859.72		A	1.2
6	☐	1.000		5893027.61		A	1.8
7	☐	1.000		5769419.35		A	0.6
8	☐	1.000		5755690.06		A	0.5
9	☐	1.000		5586871.31		A	0.4

103 Rh (ISTD) [He]

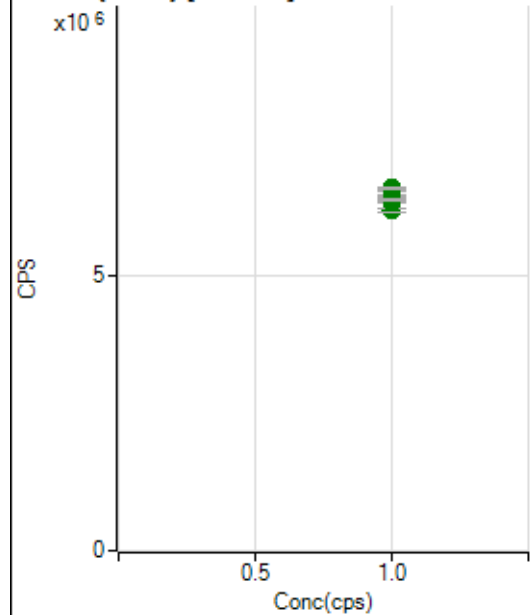
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2549117.38		A	1.0
2	☐	1.000					
3	☐	1.000		2493095.90		A	1.3
4	☐	1.000		2459779.79		A	2.7
5	☐	1.000		2524020.00		A	0.2
6	☐	1.000		2496912.71		A	0.6
7	☐	1.000		2434831.63		A	0.4
8	☐	1.000		2390475.54		A	0.4
9	☐	1.000		2317006.98		A	1.8

115 In (ISTD) [No Gas]

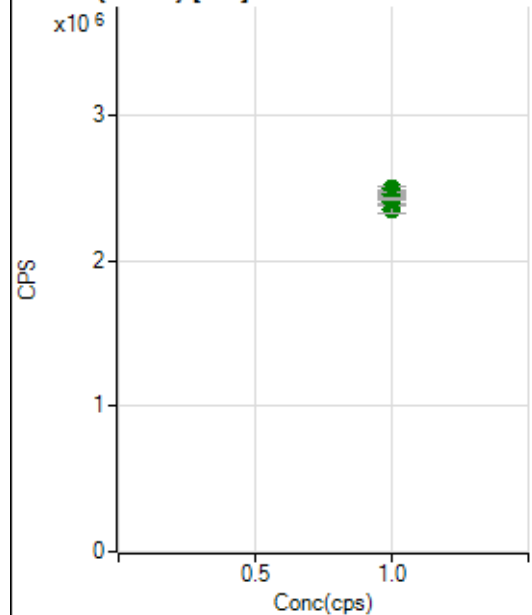
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6051004.13		A	0.5
2	☐	1.000					
3	☐	1.000		5819761.74		A	1.0
4	☐	1.000		5940788.15		A	1.2
5	☐	1.000		5948469.11		A	0.8
6	☐	1.000		5976071.30		A	0.7
7	☐	1.000		5867952.08		A	0.7
8	☐	1.000		5820846.55		A	0.9
9	☐	1.000		5851277.40		A	0.9

115 In (ISTD) [He]

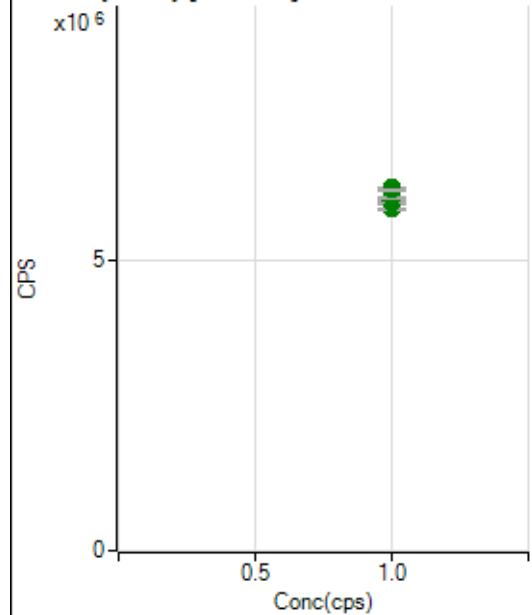
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		531529.88		P	0.5
2	☐	1.000					
3	☐	1.000		522684.86		P	0.8
4	☐	1.000		515921.65		P	2.4
5	☐	1.000		530838.71		P	0.3
6	☐	1.000		525252.65		P	0.2
7	☐	1.000		504775.85		P	0.8
8	☐	1.000		491766.60		P	0.5
9	☐	1.000		503401.40		P	0.7

159 Tb (ISTD) [No Gas]

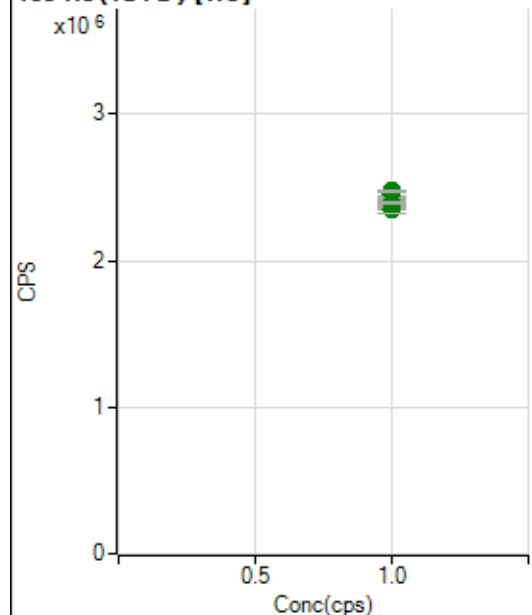
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6417229.00		A	1.4
2	☐	1.000					
3	☐	1.000		6189108.73		A	1.3
4	☐	1.000		6350641.02		A	0.3
5	☐	1.000		6457211.78		A	1.2
6	☐	1.000		6440876.02		A	0.7
7	☐	1.000		6396475.32		A	0.6
8	☐	1.000		6590947.05		A	0.8
9	☐	1.000		6610984.21		A	0.7

159 Tb (ISTD) [He]

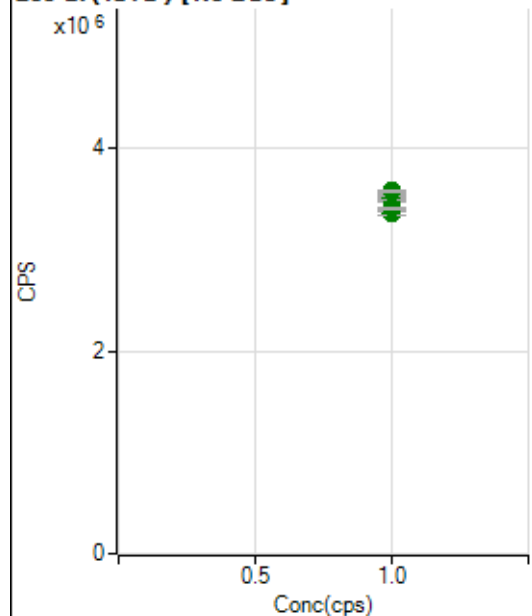
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2437055.87		A	0.9
2	☐	1.000					
3	☐	1.000		2403588.99		A	1.3
4	☐	1.000		2349194.31		A	2.4
5	☐	1.000		2493896.65		A	1.2
6	☐	1.000		2469798.52		A	0.5
7	☐	1.000		2451694.49		A	0.5
8	☐	1.000		2463014.16		A	1.2
9	☐	1.000		2420009.32		A	0.5

165 Ho (ISTD) [No Gas]

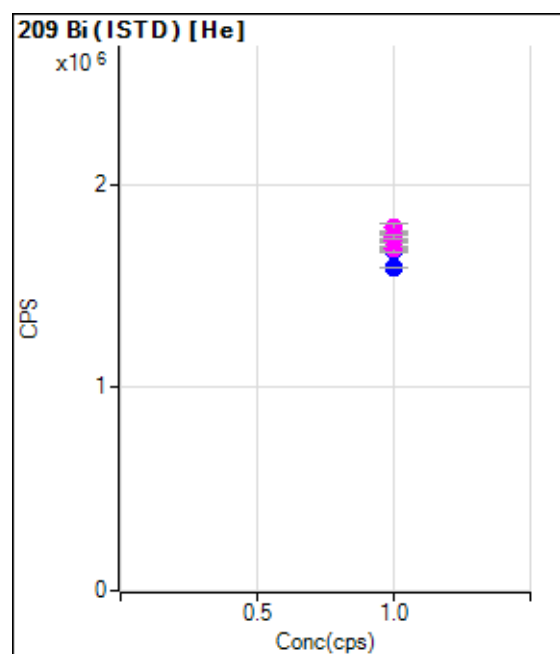
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6036605.91		A	2.0
2	☐	1.000					
3	☐	1.000		5875139.24		A	0.6
4	☐	1.000		5970780.90		A	0.6
5	☐	1.000		6015516.28		A	0.3
6	☐	1.000		6030787.11		A	1.3
7	☐	1.000		6082897.05		A	0.5
8	☐	1.000		6240460.16		A	0.4
9	☐	1.000		6209385.69		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2413205.83		A	0.6
2	☐	1.000					
3	☐	1.000		2356963.16		A	0.5
4	☐	1.000		2345255.33		A	2.1
5	☐	1.000		2451461.44		A	1.1
6	☐	1.000		2428908.73		A	1.1
7	☐	1.000		2430552.17		A	0.0
8	☐	1.000		2474944.32		A	0.8
9	☐	1.000		2390087.88		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3543464.67		A	0.9
2	☐	1.000					
3	☐	1.000		3364658.84		A	1.2
4	☐	1.000		3500077.34		A	1.1
5	☐	1.000		3542953.14		A	0.2
6	☐	1.000		3538387.62		A	2.0
7	☐	1.000		3521012.73		A	1.0
8	☐	1.000		3583676.37		A	0.4
9	☐	1.000		3416083.67		A	0.7



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1720732.32		P	0.5
2	☐	1.000					
3	☐	1.000		1675328.46		P	0.6
4	☐	1.000		1681995.59		M	1.8
5	☐	1.000		1785403.48		M	2.2
6	☐	1.000		1742934.14		M	1.5
7	☐	1.000		1722346.59		M	1.5
8	☐	1.000		1739693.52		M	1.4
9	☐	1.000		1593128.67		P	0.2

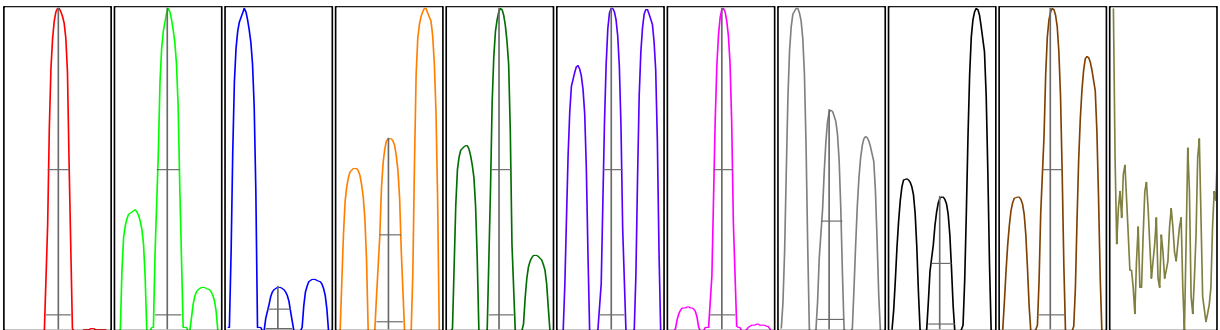
US EPA Tune Check Sample Report

Batch Folder D:\P8062917-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5956	1.06	5.00	
24	98152	1.00	5.00	
25	13491	1.28	5.00	
26	15523	0.77	5.00	
59	73303	1.24	5.00	
113	9049	1.16	5.00	
115	124391	1.10	5.00	
206	16814	0.80	5.00	
207	15023	1.06	5.00	
208	35768	1.67	5.00	
220	1	25.65		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6056	5904	5937	5906	5977
24	99346	97396	97847	97146	99025
25	13727	13331	13465	13333	13600
26	15540	15422	15621	15380	15651
59	72183	72948	73690	73075	74620
113	9057	9091	8868	9132	9096
115	125091	125516	123631	125383	122337
206	16787	16667	16885	17006	16724
207	15124	14744	15112	15102	15034
208	35937	34716	35955	36032	36200
220	1	2	2	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width-X% (Flag)
9	9906	9.05	8.9 - 9.1		0.738	0.900	
24	160107	24.00	23.9 - 24.1		0.787	0.900	
25	21666	25.00	24.9 - 25.1		0.786	0.900	
26	25625	26.00	25.9 - 26.1		0.780	0.900	
59	126446	59.00	58.9 - 59.1		0.736	0.900	
113	16958	113.05	112.9 - 113.1		0.726	0.900	
115	230595	115.05	114.9 - 115.1		0.732	0.900	
206	30516	205.95	205.9 - 206.1		0.774	0.900	
207	26919	206.95	206.9 - 207.1		0.777	0.900	
208	64629	207.95	207.9 - 208.1		0.776	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	10.2	V	Deflect	14.0	V
Extract 2	-240.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	14449	1.74	
89	2023	2.20	
205	15009	1.52	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	14693	14519	14598	14047	14389
89	2060	2046	2043	1948	2016
205	15217	15159	14967	14637	15064

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	10.2	V	Deflect	1.8	V
Extract 2	-240.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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 :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.70	0.50	1.20	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.03	0.02	0.01	0.00	N/A	ppb
Barium	135-1	0.01	0.01	-0.02	0.00	N/A	ppb
Barium	137-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.02	0.00	0.00	N/A	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	-0.21	0.16	0.06	0.00	N/A	ppb
Boron	10-1	-0.21	-0.03	0.24	0.00	N/A	ppb
Cadmium	106-1	0.70	-0.30	-0.40	0.00	N/A	ppb
Cadmium	108-1	0.02	-0.04	0.02	0.00	N/A	ppb
Cadmium	111-1	0.04	-0.01	-0.03	0.00	N/A	ppb
Calcium	43-1	18.63	-7.83	-10.81	0.00	N/A	ppb
Calcium	44-1	-3.01	2.24	0.77	0.00	N/A	ppb
Chromium	52-2	-0.01	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.01	-0.03	0.02	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	-0.01	-0.10	0.11	0.00	N/A	ppb
Iron	57-2	-1.33	0.29	1.05	0.00	N/A	ppb
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.02	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1						%
Magnesium	24-2	0.98	-0.25	-0.73	0.00	N/A	ppb
Manganese	55-2	0.00	-0.03	0.03	0.00	N/A	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	-0.01	0.00	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	0.00	0.00	N/A	ppb
Phosphorus	31-2	21.95	-13.27	-4.57	1.37	1339.58	ppb
Potassium	39-2	-5.57	5.08	0.48	0.00	N/A	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.20	-2.21	0.01	0.00	N/A	ppb
Selenium	78-2	1.48	-0.57	-0.91	0.00	N/A	ppb
Selenium	82-1	-0.21	-0.20	0.41	0.00	N/A	ppb
Silicon	28-1	0.33	-0.11	-0.23	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	1.03	-0.90	-0.14	0.00	N/A	ppb
Strontium	86-1	0.03	0.04	-0.07	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-182.08	-17.29	-231.14	-143.51		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.01	0.02	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						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.03	-0.02	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	N/A	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

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

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:03:15 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.33	18.51	13.19	16.01	16.72	ppb
Antimony	121-1	1.90	1.96	2.07	1.98	4.39	ppb
Arsenic	75-2	0.92	0.96	0.95	0.95	1.95	ppb
Barium	135-1	9.30	9.59	9.34	9.41	1.68	ppb
Barium	137-1	8.99	9.15	9.52	9.22	2.96	ppb
Beryllium	9-1	0.93	1.08	0.98	0.99	7.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	22.59	23.32	23.88	23.27	2.77	ppb
Boron	10-1	21.15	21.85	21.85	21.62	1.86	ppb
Cadmium	106-1	1.89	0.81	0.26	0.99	83.91	ppb
Cadmium	108-1	1.53	1.43	1.13	1.37	15.27	ppb
Cadmium	111-1	0.91	0.94	0.89	0.91	2.62	ppb
Calcium	43-1	436.18	459.93	453.88	450.00	2.74	ppb
Calcium	44-1	454.55	464.10	483.77	467.47	3.19	ppb
Chromium	52-2	2.03	2.25	2.07	2.12	5.64	ppb
Cobalt	59-2	0.93	0.92	0.94	0.93	1.15	ppb
Copper	63-2	2.17	2.09	2.04	2.10	3.29	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	47.66	48.43	46.62	47.57	1.91	ppb
Iron	57-2	43.71	47.07	48.43	46.40	5.23	ppb
Lead	206-1	0.97	1.00	1.08	1.02	5.54	ppb
Lead	207-1	1.03	0.99	1.02	1.01	1.79	ppb
Lead	208-1	1.00	1.02	1.04	1.02	1.80	ppb
Lithium	6-1						%
Magnesium	24-2	469.29	457.99	466.23	464.50	1.26	ppb
Manganese	55-2	1.05	0.84	0.81	0.90	14.75	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:03:15	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.52	4.34	4.59	4.48	2.92	ppb
Molybdenum	94-1	2.05	1.98	2.04	2.03	1.80	ppb
Molybdenum	95-1	4.53	4.59	4.69	4.60	1.79	ppb
Molybdenum	96-1	3.92	3.97	3.98	3.96	0.90	ppb
Molybdenum	97-1	4.46	4.65	4.57	4.56	2.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.97	0.99	1.04	1.00	3.62	ppb
Phosphorus	31-2	-4.30	-4.33	4.52	-1.37		ppb
Potassium	39-2	488.04	465.63	477.86	477.18	2.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	4.46	2.30	1.52	223.89	ppb
Selenium	78-2	4.97	7.36	4.68	5.67	25.96	ppb
Selenium	82-1	6.19	4.88	3.28	4.78	30.49	ppb
Silicon	28-1	12.43	12.54	17.72	14.23	21.25	ppb
Silver	109-1	1.37	1.39	1.34	1.36	1.90	ppb
Silver	107-1	1.31	1.34	1.34	1.33	1.33	ppb
Sodium	23-2	468.30	466.64	457.13	464.02	1.30	ppb
Strontium	86-1	0.93	0.92	0.97	0.94	2.88	ppb
Strontium	88-1	0.93	0.96	0.98	0.96	2.21	ppb
Sulfur	34-1	33.03	-2.68	400.17	143.51	155.39	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.94	0.93	0.99	0.95	3.36	ppb
Thallium	205-1	0.95	0.98	1.02	0.99	3.71	ppb
Tin	118-1	5.18	5.27	5.29	5.25	1.19	ppb
Titanium	47-1	4.47	4.58	4.90	4.65	4.74	ppb
Uranium	238-1	0.91	0.93	0.91	0.92	1.27	ppb
Vanadium	51-2	4.73	4.81	4.65	4.73	1.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.79	2.02	2.00	1.94	6.57	ppb
Zirconium	90-1	0.95	0.91	0.89	0.92	3.00	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:03:15	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.00	0.92	0.91	0.94	5.27	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1015.28	1016.61	1040.33	1024.07	1.38	ppb
Antimony	121-1	51.28	51.48	51.60	51.46	0.31	ppb
Arsenic	75-2	49.67	52.68	50.13	50.82	3.19	ppb
Barium	135-1	252.44	256.18	253.62	254.08	0.75	ppb
Barium	137-1	254.97	259.71	256.10	256.93	0.96	ppb
Beryllium	9-1	52.50	51.62	52.12	52.08	0.85	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	48.90	51.57	50.30	50.26	2.65	ppb
Boron	10-1	51.35	49.52	49.14	50.00	2.37	ppb
Cadmium	106-1	50.40	52.44	49.90	50.91	2.64	ppb
Cadmium	108-1	55.12	55.14	56.49	55.58	1.41	ppb
Cadmium	111-1	51.40	52.70	50.91	51.67	1.79	ppb
Calcium	43-1	5009.15	4952.91	5006.81	4989.62	0.64	ppb
Calcium	44-1	5063.04	5015.03	5121.53	5066.53	1.05	ppb
Chromium	52-2	51.42	52.91	51.45	51.93	1.63	ppb
Cobalt	59-2	51.77	53.02	51.03	51.94	1.93	ppb
Copper	63-2	105.61	106.67	103.93	105.40	1.31	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2675.11	2748.43	2659.02	2694.18	1.77	ppb
Iron	57-2	2588.73	2706.01	2627.33	2640.69	2.26	ppb
Lead	206-1	48.12	49.56	49.90	49.20	1.92	ppb
Lead	207-1	48.02	48.78	49.34	48.71	1.36	ppb
Lead	208-1	48.86	49.50	49.91	49.42	1.07	ppb
Lithium	6-1						%
Magnesium	24-2	5212.07	5266.94	5114.24	5197.75	1.49	ppb
Manganese	55-2	104.79	107.61	105.42	105.94	1.40	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	50.45	50.10	50.35	50.30	0.35	ppb
Molybdenum	94-1	50.81	51.05	51.00	50.95	0.24	ppb
Molybdenum	95-1	50.47	49.70	50.06	50.08	0.77	ppb
Molybdenum	96-1	50.10	49.85	50.63	50.19	0.80	ppb
Molybdenum	97-1	50.70	50.00	50.94	50.55	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.99	54.19	53.50	53.56	1.13	ppb
Phosphorus	31-2	1012.50	1014.09	1214.36	1080.32	10.75	ppb
Potassium	39-2	2587.72	2634.40	2577.52	2599.88	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	69.66	54.16	64.76	62.86	12.60	ppb
Selenium	78-2	47.16	44.99	60.71	50.95	16.73	ppb
Selenium	82-1	52.86	51.36	52.64	52.29	1.55	ppb
Silicon	28-1	64.74	64.96	66.56	65.42	1.52	ppb
Silver	109-1	52.62	52.93	53.19	52.91	0.55	ppb
Silver	107-1	52.49	52.38	52.05	52.30	0.44	ppb
Sodium	23-2	5162.77	5300.19	5106.49	5189.82	1.92	ppb
Strontium	86-1	49.73	50.89	50.16	50.26	1.16	ppb
Strontium	88-1	51.35	50.78	50.95	51.03	0.57	ppb
Sulfur	34-1	1023.52	872.05	942.31	945.96	8.01	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	48.58	49.34	50.93	49.61	2.42	ppb
Thallium	205-1	49.15	50.59	50.92	50.22	1.88	ppb
Tin	118-1	51.46	51.06	51.40	51.30	0.42	ppb
Titanium	47-1	51.17	50.22	50.73	50.70	0.93	ppb
Uranium	238-1	48.20	48.47	48.73	48.47	0.55	ppb
Vanadium	51-2	50.90	52.60	51.16	51.56	1.78	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	107.12	109.11	105.16	107.13	1.84	ppb
Zirconium	90-1	50.53	50.55	50.39	50.49	0.18	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	50.63	50.58	50.55	50.59	0.08	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:10:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2489.33	2456.65	2481.08	2475.68	0.69	ppb
Antimony	121-1	130.13	126.39	129.41	128.64	1.54	ppb
Arsenic	75-2	126.55	127.17	127.70	127.14	0.45	ppb
Barium	135-1	641.29	624.29	634.86	633.48	1.35	ppb
Barium	137-1	652.20	625.99	639.46	639.22	2.05	ppb
Beryllium	9-1	126.88	131.28	128.12	128.76	1.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	121.87	129.25	126.15	125.76	2.95	ppb
Boron	10-1	121.33	120.86	127.87	123.36	3.18	ppb
Cadmium	106-1	131.19	129.66	130.90	130.59	0.62	ppb
Cadmium	108-1	132.50	126.36	134.35	131.07	3.19	ppb
Cadmium	111-1	130.08	127.66	128.30	128.68	0.97	ppb
Calcium	43-1	12444.24	12628.83	12561.98	12545.02	0.74	ppb
Calcium	44-1	12482.24	12453.45	12684.46	12540.05	1.00	ppb
Chromium	52-2	127.32	126.42	126.33	126.69	0.43	ppb
Cobalt	59-2	126.55	126.45	126.15	126.38	0.16	ppb
Copper	63-2	255.73	256.09	253.35	255.06	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	6489.70	6484.86	6432.70	6469.09	0.49	ppb
Iron	57-2	6545.40	6507.34	6530.74	6527.82	0.29	ppb
Lead	206-1	122.95	123.45	122.71	123.03	0.31	ppb
Lead	207-1	122.71	122.00	122.50	122.41	0.30	ppb
Lead	208-1	123.51	123.69	123.69	123.63	0.08	ppb
Lithium	6-1						%
Magnesium	24-2	12711.09	12735.90	12569.72	12672.24	0.71	ppb
Manganese	55-2	258.95	257.71	257.45	258.04	0.31	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:10:11	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	123.48	124.94	124.73	124.38	0.63	ppb
Molybdenum	94-1	124.68	125.43	126.49	125.53	0.73	ppb
Molybdenum	95-1	123.95	124.07	124.13	124.05	0.07	ppb
Molybdenum	96-1	123.62	125.07	124.41	124.37	0.58	ppb
Molybdenum	97-1	123.81	125.59	124.02	124.47	0.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.46	128.08	128.68	128.74	0.53	ppb
Phosphorus	31-2	2592.82	2840.46	2529.04	2654.11	6.20	ppb
Potassium	39-2	6383.89	6399.33	6334.83	6372.68	0.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	141.41	172.27	159.57	157.75	9.83	ppb
Selenium	78-2	132.39	131.01	136.74	133.38	2.24	ppb
Selenium	82-1	130.76	130.72	131.07	130.85	0.15	ppb
Silicon	28-1	128.74	141.35	135.14	135.07	4.67	ppb
Silver	109-1	132.59	128.83	132.02	131.15	1.54	ppb
Silver	107-1	130.60	128.28	131.38	130.09	1.24	ppb
Sodium	23-2	12821.26	12978.27	12728.08	12842.54	0.98	ppb
Strontium	86-1	124.30	124.68	125.48	124.82	0.48	ppb
Strontium	88-1	128.23	126.64	130.30	128.39	1.43	ppb
Sulfur	34-1	2863.33	2835.44	2949.46	2882.74	2.06	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	123.94	124.05	123.85	123.94	0.08	ppb
Thallium	205-1	125.20	126.25	126.20	125.88	0.47	ppb
Tin	118-1	128.56	127.15	129.13	128.28	0.79	ppb
Titanium	47-1	125.79	127.46	127.60	126.95	0.79	ppb
Uranium	238-1	122.67	124.02	123.08	123.25	0.56	ppb
Vanadium	51-2	127.51	126.60	125.84	126.65	0.66	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	259.06	262.63	259.62	260.44	0.74	ppb
Zirconium	90-1	127.79	127.70	127.25	127.58	0.23	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:10:11	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	124.12	125.05	125.41	124.86	0.53	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5068.30	4717.29	4978.62	4921.40	3.71	ppb
Antimony	121-1	261.19	263.13	265.24	263.19	0.77	ppb
Arsenic	75-2	254.37	253.21	250.63	252.74	0.76	ppb
Barium	135-1	1295.12	1289.88	1308.57	1297.85	0.74	ppb
Barium	137-1	1299.72	1294.53	1320.06	1304.77	1.03	ppb
Beryllium	9-1	255.03	255.95	263.62	258.20	1.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	250.39	258.21	260.69	256.43	2.10	ppb
Boron	10-1	250.79	252.19	267.73	256.91	3.66	ppb
Cadmium	106-1	263.21	263.32	267.77	264.77	0.98	ppb
Cadmium	108-1	265.07	262.64	268.09	265.27	1.03	ppb
Cadmium	111-1	256.48	255.87	259.92	257.42	0.85	ppb
Calcium	43-1	24954.41	24891.56	25402.06	25082.67	1.11	ppb
Calcium	44-1	24853.81	24500.00	25483.00	24945.60	2.00	ppb
Chromium	52-2	254.45	248.15	252.59	251.73	1.28	ppb
Cobalt	59-2	256.61	246.11	251.16	251.29	2.09	ppb
Copper	63-2	518.69	501.60	507.83	509.37	1.70	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13065.03	12627.77	12828.90	12840.57	1.70	ppb
Iron	57-2	13264.62	12799.04	13044.60	13036.09	1.79	ppb
Lead	206-1	251.36	244.51	252.35	249.41	1.71	ppb
Lead	207-1	249.64	242.83	251.08	247.85	1.78	ppb
Lead	208-1	252.11	248.48	256.10	252.23	1.51	ppb
Lithium	6-1						%
Magnesium	24-2	25637.32	25334.76	25700.85	25557.65	0.77	ppb
Manganese	55-2	521.16	506.91	514.80	514.29	1.39	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	252.70	259.54	263.51	258.58	2.11	ppb
Molybdenum	94-1	257.42	257.43	262.18	259.01	1.06	ppb
Molybdenum	95-1	248.59	248.66	255.30	250.85	1.54	ppb
Molybdenum	96-1	249.01	251.42	256.80	252.41	1.58	ppb
Molybdenum	97-1	251.03	256.23	259.49	255.58	1.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.99	252.31	256.70	256.33	1.50	ppb
Phosphorus	31-2	4963.92	5270.42	5071.45	5101.93	3.05	ppb
Potassium	39-2	12703.17	12543.63	12819.81	12688.87	1.09	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	255.63	276.82	311.89	281.44	10.10	ppb
Selenium	78-2	274.52	265.95	259.81	266.76	2.77	ppb
Selenium	82-1	259.28	262.87	265.64	262.59	1.21	ppb
Silicon	28-1	265.66	264.40	271.56	267.21	1.43	ppb
Silver	109-1	266.65	264.96	271.56	267.72	1.28	ppb
Silver	107-1	264.98	263.32	271.35	266.55	1.59	ppb
Sodium	23-2	25709.97	25208.01	25437.49	25451.82	0.99	ppb
Strontium	86-1	249.43	249.26	257.27	251.99	1.82	ppb
Strontium	88-1	255.96	256.46	258.05	256.82	0.43	ppb
Sulfur	34-1	5706.26	5731.99	6133.55	5857.27	4.09	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	252.73	245.54	253.87	250.71	1.80	ppb
Thallium	205-1	259.43	251.81	260.24	257.16	1.81	ppb
Tin	118-1	258.77	258.30	259.07	258.71	0.15	ppb
Titanium	47-1	252.70	251.18	258.73	254.20	1.57	ppb
Uranium	238-1	249.51	246.41	258.44	251.45	2.48	ppb
Vanadium	51-2	257.12	251.47	256.25	254.95	1.19	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	529.63	510.99	524.36	521.66	1.84	ppb
Zirconium	90-1	253.09	251.34	261.55	255.33	2.14	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	252.67	252.07	260.42	255.06	1.83	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10025.53	9603.44	9762.19	9797.05	2.18	ppb
Antimony	121-1	517.44	511.31	518.93	515.89	0.78	ppb
Arsenic	75-2	499.84	500.96	494.59	498.46	0.68	ppb
Barium	135-1	2584.71	2515.92	2590.76	2563.79	1.62	ppb
Barium	137-1	2569.44	2505.63	2591.41	2555.49	1.74	ppb
Beryllium	9-1	505.01	502.24	504.26	503.84	0.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	503.80	508.20	512.50	508.17	0.86	ppb
Boron	10-1	505.19	501.07	510.72	505.66	0.96	ppb
Cadmium	106-1	529.37	519.19	520.21	522.92	1.07	ppb
Cadmium	108-1	522.73	512.58	515.84	517.05	1.00	ppb
Cadmium	111-1	513.45	504.11	505.69	507.75	0.98	ppb
Calcium	43-1	49191.36	49658.32	49786.15	49545.28	0.63	ppb
Calcium	44-1	49197.79	49505.88	48835.34	49179.67	0.68	ppb
Chromium	52-2	507.14	497.00	505.59	503.24	1.09	ppb
Cobalt	59-2	512.70	511.81	510.50	511.67	0.22	ppb
Copper	63-2	1040.05	1023.87	1026.90	1030.27	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25921.34	25268.19	25500.87	25563.47	1.29	ppb
Iron	57-2	26350.52	25755.21	25979.85	26028.53	1.15	ppb
Lead	206-1	503.90	503.53	509.92	505.78	0.71	ppb
Lead	207-1	505.69	505.26	501.29	504.08	0.48	ppb
Lead	208-1	508.47	502.35	509.31	506.71	0.75	ppb
Lithium	6-1						%
Magnesium	24-2	51875.91	49986.58	50609.74	50824.08	1.89	ppb
Manganese	55-2	1032.68	1012.36	1023.08	1022.71	0.99	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	518.67	500.32	501.36	506.78	2.03	ppb
Molybdenum	94-1	514.57	499.90	508.25	507.57	1.45	ppb
Molybdenum	95-1	510.38	499.82	504.40	504.87	1.05	ppb
Molybdenum	96-1	522.97	503.24	518.19	514.80	2.00	ppb
Molybdenum	97-1	505.95	491.17	500.51	499.21	1.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.98	508.14	509.83	511.32	0.81	ppb
Phosphorus	31-2	9710.72	10072.77	9801.06	9861.52	1.91	ppb
Potassium	39-2	25271.45	24676.46	25068.55	25005.49	1.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	537.88	574.64	508.90	540.47	6.10	ppb
Selenium	78-2	500.63	497.39	499.13	499.05	0.32	ppb
Selenium	82-1	516.72	506.40	508.70	510.61	1.06	ppb
Silicon	28-1	519.17	518.78	518.79	518.91	0.04	ppb
Silver	109-1	521.81	506.61	517.64	515.35	1.52	ppb
Silver	107-1	524.29	509.78	523.47	519.18	1.57	ppb
Sodium	23-2	50468.65	49319.18	49990.26	49926.03	1.16	ppb
Strontium	86-1	503.99	497.36	498.21	499.85	0.72	ppb
Strontium	88-1	510.02	497.89	493.90	500.60	1.68	ppb
Sulfur	34-1	11637.02	11734.90	11769.18	11713.70	0.59	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	518.51	503.27	514.64	512.14	1.55	ppb
Thallium	205-1	511.13	499.09	512.68	507.63	1.47	ppb
Tin	118-1	522.00	521.74	521.57	521.77	0.04	ppb
Titanium	47-1	503.83	503.44	500.56	502.61	0.36	ppb
Uranium	238-1	494.24	494.43	503.96	497.54	1.12	ppb
Vanadium	51-2	512.20	503.23	509.85	508.43	0.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1036.99	1013.79	1017.45	1022.74	1.22	ppb
Zirconium	90-1	513.15	505.11	497.93	505.40	1.51	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	509.12	502.19	497.71	503.00	1.14	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:23:47 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18849.25	19158.43	18792.11	18933.26	1.04	ppb
Antimony	121-1	977.60	977.65	1009.43	988.23	1.86	ppb
Arsenic	75-2	998.31	1004.45	996.56	999.78	0.41	ppb
Barium	135-1	4888.27	4970.27	5006.09	4954.88	1.22	ppb
Barium	137-1	4880.84	4944.76	5043.72	4956.44	1.66	ppb
Beryllium	9-1	1001.18	1004.56	980.62	995.46	1.30	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	983.35	997.94	1001.45	994.24	0.97	ppb
Boron	10-1	985.12	994.46	1007.62	995.73	1.14	ppb
Cadmium	106-1	978.07	979.72	994.52	984.10	0.92	ppb
Cadmium	108-1	982.05	984.95	992.86	986.62	0.57	ppb
Cadmium	111-1	995.17	987.37	998.63	993.73	0.58	ppb
Calcium	43-1	98260.31	99152.50	101249.63	99554.15	1.54	ppb
Calcium	44-1	97592.72	98248.68	100176.65	98672.68	1.36	ppb
Chromium	52-2	988.23	994.86	1009.81	997.64	1.11	ppb
Cobalt	59-2	976.36	997.66	1006.70	993.57	1.57	ppb
Copper	63-2	1949.52	2001.74	1993.60	1981.62	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	49207.24	50043.07	49935.72	49728.68	0.91	ppb
Iron	57-2	50075.35	50924.59	50982.74	50660.90	1.00	ppb
Lead	206-1	998.28	997.15	997.20	997.54	0.06	ppb
Lead	207-1	992.60	992.48	1011.58	998.88	1.10	ppb
Lead	208-1	991.74	993.65	1003.48	996.29	0.63	ppb
Lithium	6-1						%
Magnesium	24-2	96109.17	97331.91	97619.95	97020.34	0.83	ppb
Manganese	55-2	1969.66	1997.59	1984.07	1983.77	0.70	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:23:47	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	999.14	985.81	998.62	994.53	0.76	ppb
Molybdenum	94-1	1003.39	990.93	987.27	993.86	0.85	ppb
Molybdenum	95-1	1005.64	989.43	997.34	997.47	0.81	ppb
Molybdenum	96-1	993.79	993.42	989.01	992.07	0.27	ppb
Molybdenum	97-1	1007.18	1002.41	987.54	999.04	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	974.55	1004.79	997.00	992.11	1.58	ppb
Phosphorus	31-2	20431.90	20272.54	19357.00	20020.48	2.90	ppb
Potassium	39-2	48105.33	49413.38	48780.80	48766.50	1.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	907.16	977.41	1016.98	967.18	5.75	ppb
Selenium	78-2	987.52	1002.30	995.73	995.18	0.74	ppb
Selenium	82-1	991.49	984.83	995.80	990.70	0.56	ppb
Silicon	28-1	978.00	977.16	997.35	984.17	1.16	ppb
Silver	109-1	986.65	977.49	996.79	986.98	0.98	ppb
Silver	107-1	979.61	986.85	990.10	985.52	0.55	ppb
Sodium	23-2	97213.59	97925.20	97356.32	97498.37	0.39	ppb
Strontium	86-1	1000.07	1001.23	997.47	999.59	0.19	ppb
Strontium	88-1	1003.57	992.83	996.16	997.52	0.55	ppb
Sulfur	34-1	18996.80	19016.48	18637.79	18883.69	1.13	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	999.63	990.82	991.26	993.90	0.50	ppb
Thallium	205-1	999.13	989.03	994.65	994.27	0.51	ppb
Tin	118-1	980.10	977.20	1002.08	986.46	1.38	ppb
Titanium	47-1	991.03	991.81	1009.27	997.37	1.03	ppb
Uranium	238-1	994.32	1010.41	998.74	1001.16	0.83	ppb
Vanadium	51-2	981.56	1004.31	996.93	994.27	1.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1951.01	1993.52	2000.13	1981.55	1.35	ppb
Zirconium	90-1	995.38	991.55	999.93	995.62	0.42	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:23:47	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1003.48	989.67	998.52	997.22	0.70	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:26:53 DataFile Name : 012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102017.93	99644.67	99051.22	100237.94	1.57	ppb
Antimony	121-1	2.19	2.24	2.07	2.16	3.87	ppb
Arsenic	75-2	0.53	0.48	0.39	0.47	14.92	ppb
Barium	135-1	2.38	2.22	2.15	2.25	5.13	ppb
Barium	137-1	2.24	2.22	2.14	2.20	2.29	ppb
Beryllium	9-1	0.25	0.25	0.15	0.22	25.73	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	36.07	32.89	30.05	33.00	9.12	ppb
Boron	10-1	35.70	33.24	30.63	33.19	7.64	ppb
Cadmium	106-1	-0.89	0.29	-0.93	-0.51		ppb
Cadmium	108-1	0.42	0.18	0.24	0.28	46.00	ppb
Cadmium	111-1	0.15	0.26	0.15	0.19	33.59	ppb
Calcium	43-1	507945.42	497522.11	494921.08	500129.54	1.38	ppb
Calcium	44-1	502937.54	498823.63	499284.58	500348.58	0.45	ppb
Chromium	52-2	23.84	24.40	24.05	24.10	1.18	ppb
Cobalt	59-2	1.65	1.69	1.54	1.63	4.92	ppb
Copper	63-2	3.80	3.83	3.83	3.82	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	250810.48	248909.36	250200.57	249973.47	0.39	ppb
Iron	57-2	250646.23	250541.48	248001.73	249729.81	0.60	ppb
Lead	206-1	2.60	2.61	2.64	2.62	0.86	ppb
Lead	207-1	2.53	2.43	2.47	2.48	1.99	ppb
Lead	208-1	2.58	2.52	2.51	2.54	1.36	ppb
Lithium	6-1						%
Magnesium	24-2	502187.95	502860.37	496389.87	500479.39	0.71	ppb
Manganese	55-2	7.90	8.30	8.27	8.16	2.74	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:26:53	DataFile Name :	012CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.21	4.07	4.21	4.16	1.81	ppb
Molybdenum	94-1	1.38	1.57	1.37	1.44	7.66	ppb
Molybdenum	95-1	3.95	3.98	4.36	4.10	5.51	ppb
Molybdenum	96-1	3.63	3.74	3.74	3.70	1.74	ppb
Molybdenum	97-1	3.90	4.26	4.33	4.17	5.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.50	14.94	14.87	14.77	1.61	ppb
Phosphorus	31-2	41.39	14.09	-4.21	17.09	134.28	ppb
Potassium	39-2	252652.87	249593.47	248451.72	250232.69	0.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	0.04	4.58	-2.21	0.81	428.46	ppb
Selenium	78-2	1.54	0.14	0.84	0.84	82.69	ppb
Selenium	82-1	1.51	0.34	1.72	1.19	62.49	ppb
Silicon	28-1	17.33	15.17	16.41	16.31	6.66	ppb
Silver	109-1	0.18	0.19	0.17	0.18	5.26	ppb
Silver	107-1	0.15	0.15	0.19	0.16	16.21	ppb
Sodium	23-2	501694.95	499316.23	500412.93	500474.71	0.24	ppb
Strontium	86-1	33.54	33.18	33.97	33.56	1.18	ppb
Strontium	88-1	34.11	34.23	34.17	34.17	0.17	ppb
Sulfur	34-1	502.67	450.13	452.38	468.39	6.34	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.46	0.42	0.44	0.44	4.48	ppb
Thallium	205-1	0.49	0.44	0.46	0.46	4.78	ppb
Tin	118-1	0.57	0.61	0.69	0.62	9.98	ppb
Titanium	47-1	0.78	1.06	1.90	1.25	46.59	ppb
Uranium	238-1	0.23	0.23	0.24	0.23	2.96	ppb
Vanadium	51-2	0.47	0.54	0.52	0.51	6.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.00	12.33	12.98	12.77	2.96	ppb
Zirconium	90-1	0.21	0.20	0.19	0.20	4.60	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:26:53	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.21	0.17	0.20	0.19	10.31	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	464.42	490.90	507.66	487.66	4.47	ppb
Antimony	121-1	202.67	200.34	202.72	201.91	0.67	ppb
Arsenic	75-2	199.99	196.12	197.04	197.72	1.02	ppb
Barium	135-1	99.95	96.93	98.89	98.59	1.55	ppb
Barium	137-1	101.17	97.95	100.29	99.80	1.67	ppb
Beryllium	9-1	97.34	97.41	96.59	97.12	0.47	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	526.00	524.01	530.82	526.94	0.66	ppb
Boron	10-1	524.44	520.69	541.00	528.71	2.04	ppb
Cadmium	106-1	90.79	86.72	92.91	90.14	3.49	ppb
Cadmium	108-1	98.59	98.46	96.22	97.76	1.36	ppb
Cadmium	111-1	100.02	97.54	99.87	99.14	1.40	ppb
Calcium	43-1	1928.08	1924.07	1965.74	1939.30	1.19	ppb
Calcium	44-1	1965.53	1962.05	1979.82	1969.13	0.48	ppb
Chromium	52-2	98.08	96.29	97.01	97.13	0.93	ppb
Cobalt	59-2	101.29	99.33	99.67	100.09	1.05	ppb
Copper	63-2	101.81	100.57	99.90	100.76	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1005.65	995.41	994.78	998.61	0.61	ppb
Iron	57-2	1019.30	1000.81	1001.24	1007.11	1.05	ppb
Lead	206-1	191.20	192.91	196.18	193.43	1.31	ppb
Lead	207-1	184.34	183.57	185.72	184.54	0.59	ppb
Lead	208-1	189.25	189.72	191.43	190.13	0.61	ppb
Lithium	6-1						%
Magnesium	24-2	1216.52	1196.14	1191.04	1201.23	1.12	ppb
Manganese	55-2	99.34	99.32	99.15	99.27	0.11	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	476.35	464.24	460.64	467.07	1.76	ppb
Molybdenum	94-1	146.55	142.63	143.21	144.13	1.47	ppb
Molybdenum	95-1	481.03	465.35	461.43	469.27	2.21	ppb
Molybdenum	96-1	396.51	388.91	389.04	391.48	1.11	ppb
Molybdenum	97-1	468.10	457.21	454.64	459.98	1.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	103.35	101.43	103.45	102.74	1.11	ppb
Phosphorus	31-2	12.67	12.54	21.26	15.49	32.22	ppb
Potassium	39-2	2063.34	1964.19	1973.31	2000.28	2.74	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	231.83	250.85	206.48	229.72	9.69	ppb
Selenium	78-2	180.58	198.34	217.56	198.83	9.30	ppb
Selenium	82-1	204.82	200.14	198.64	201.20	1.60	ppb
Silicon	28-1	422.97	420.32	425.24	422.85	0.58	ppb
Silver	109-1	101.21	98.98	101.15	100.45	1.26	ppb
Silver	107-1	100.74	97.87	99.87	99.49	1.48	ppb
Sodium	23-2	2091.53	2063.67	2049.65	2068.28	1.03	ppb
Strontium	86-1	2.56	2.17	2.28	2.34	8.52	ppb
Strontium	88-1	2.27	2.25	2.18	2.24	2.06	ppb
Sulfur	34-1	-224.46	-430.85	-457.00	-370.77		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	196.96	198.43	198.69	198.03	0.47	ppb
Thallium	205-1	202.98	206.26	202.91	204.05	0.94	ppb
Tin	118-1	488.38	474.05	491.62	484.68	1.93	ppb
Titanium	47-1	462.49	463.11	462.70	462.77	0.07	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	99.54	97.58	98.89	98.67	1.01	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	208.86	206.15	205.36	206.79	0.89	ppb
Zirconium	90-1	0.20	0.16	0.14	0.17	19.53	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.27	0.19	0.21	0.22	17.05	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:37:43 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.09	1.88	-1.01	0.65	229.00	ppb
Antimony	121-1	0.03	0.03	0.02	0.03	12.51	ppb
Arsenic	75-2	0.01	0.04	0.03	0.03	69.57	ppb
Barium	135-1	0.08	0.08	0.06	0.07	14.83	ppb
Barium	137-1	0.10	0.09	0.08	0.09	12.76	ppb
Beryllium	9-1	0.08	0.11	0.06	0.08	32.74	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.81	8.27	8.38	8.49	3.40	ppb
Boron	10-1	8.28	7.38	8.00	7.88	5.80	ppb
Cadmium	106-1	-0.29	-0.79	-0.91	-0.66		ppb
Cadmium	108-1	0.08	0.02	0.02	0.04	87.09	ppb
Cadmium	111-1	0.04	0.00	-0.03	0.00	1479.57	ppb
Calcium	43-1	-0.93	-19.50	-9.88	-10.10		ppb
Calcium	44-1	4.97	7.23	10.25	7.48	35.43	ppb
Chromium	52-2	-0.03	0.08	0.07	0.04	150.46	ppb
Cobalt	59-2	0.07	0.07	0.04	0.06	30.49	ppb
Copper	63-2	0.04	0.04	0.04	0.04	8.12	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.36	0.11	0.26	0.24	51.76	ppb
Iron	57-2	-0.46	-0.40	0.16	-0.23		ppb
Lead	206-1	0.14	0.14	0.16	0.15	6.32	ppb
Lead	207-1	0.14	0.16	0.15	0.15	4.16	ppb
Lead	208-1	0.16	0.16	0.13	0.15	10.15	ppb
Lithium	6-1						%
Magnesium	24-2	0.14	-0.44	0.00	-0.10		ppb
Manganese	55-2	-0.01	-0.04	-0.01	-0.02		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:37:43	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.03	0.02	25.63	ppb
Molybdenum	94-1	0.02	0.00	0.01	0.01	98.70	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	22.30	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	74.09	ppb
Molybdenum	97-1	0.03	0.07	0.03	0.04	58.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.09	0.04	0.01	0.04	89.86	ppb
Phosphorus	31-2	37.41	3.92	3.78	15.04	128.85	ppb
Potassium	39-2	8.45	21.04	18.42	15.97	41.58	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.07	-0.04	-0.77		ppb
Selenium	78-2	0.42	0.42	-0.57	0.09	658.75	ppb
Selenium	82-1	0.82	-0.09	-0.36	0.13	491.69	ppb
Silicon	28-1	-10.89	-11.74	-9.67	-10.77		ppb
Silver	109-1	0.01	0.01	0.00	0.01	26.71	ppb
Silver	107-1	0.01	0.01	0.01	0.01	11.47	ppb
Sodium	23-2	47.90	47.78	47.29	47.66	0.68	ppb
Strontium	86-1	0.06	0.04	0.03	0.04	41.89	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	101.52	ppb
Sulfur	34-1	-609.43	-688.29	-454.88	-584.20		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.06	0.06	0.04	0.05	17.71	ppb
Thallium	205-1	0.07	0.06	0.06	0.06	8.59	ppb
Tin	118-1	0.04	0.06	0.59	0.23	135.72	ppb
Titanium	47-1	-0.06	-0.07	-0.07	-0.07		ppb
Uranium	238-1	0.06	0.07	0.06	0.06	8.29	ppb
Vanadium	51-2	0.03	0.03	0.03	0.03	12.76	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.28	0.43	0.42	0.38	22.05	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	53.13	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:37:43	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.02	0.01	0.01	0.00	1595.30	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:40:52 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	88596.26	90687.61	90643.74	89975.87	1.33	ppb
Antimony	121-1	1.18	1.29	1.19	1.22	5.38	ppb
Arsenic	75-2	0.22	0.29	0.28	0.26	14.75	ppb
Barium	135-1	1.37	1.31	1.42	1.37	4.18	ppb
Barium	137-1	1.41	1.52	1.38	1.44	5.27	ppb
Beryllium	9-1	0.29	0.28	0.33	0.30	10.13	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.88	9.02	9.19	9.03	1.70	ppb
Boron	10-1	8.74	8.34	7.98	8.35	4.53	ppb
Cadmium	106-1	-0.07	-0.46	-1.88	-0.80		ppb
Cadmium	108-1	7.35	7.23	7.46	7.35	1.55	ppb
Cadmium	111-1	0.28	0.21	0.16	0.22	27.19	ppb
Calcium	43-1	95219.07	97406.07	96266.27	96297.13	1.14	ppb
Calcium	44-1	93726.36	94589.44	94247.81	94187.87	0.46	ppb
Chromium	52-2	19.44	19.81	19.51	19.59	0.99	ppb
Cobalt	59-2	1.09	1.19	1.15	1.14	4.37	ppb
Copper	63-2	7.63	7.98	7.79	7.80	2.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	97063.89	98551.68	99567.16	98394.24	1.28	ppb
Iron	57-2	98818.00	102252.31	103819.08	101629.80	2.52	ppb
Lead	206-1	4.48	4.56	4.52	4.52	0.90	ppb
Lead	207-1	3.92	3.89	3.89	3.90	0.40	ppb
Lead	208-1	4.19	4.18	4.19	4.19	0.08	ppb
Lithium	6-1						%
Magnesium	24-2	96435.99	97724.80	97686.53	97282.44	0.75	ppb
Manganese	55-2	7.86	7.57	7.99	7.81	2.79	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:40:52	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1842.67	1847.38	1860.80	1850.28	0.51	ppb
Molybdenum	94-1	579.73	569.91	572.78	574.14	0.88	ppb
Molybdenum	95-1	1835.92	1851.91	1861.81	1849.88	0.71	ppb
Molybdenum	96-1	1526.05	1553.41	1523.40	1534.29	1.08	ppb
Molybdenum	97-1	1830.26	1830.16	1846.61	1835.68	0.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.35	5.32	5.39	5.36	0.70	ppb
Phosphorus	31-2	97527.73	96863.01	98492.77	97627.84	0.84	ppb
Potassium	39-2	96146.89	98218.39	98012.63	97459.30	1.17	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	0.08	-1.45		ppb
Selenium	78-2	0.46	0.15	0.86	0.49	72.48	ppb
Selenium	82-1	1.73	2.22	1.44	1.80	22.01	ppb
Silicon	28-1	20.90	21.92	19.05	20.62	7.06	ppb
Silver	109-1	0.41	0.39	0.35	0.39	8.39	ppb
Silver	107-1	0.42	0.43	0.38	0.41	6.12	ppb
Sodium	23-2	96495.07	97423.41	99227.46	97715.31	1.42	ppb
Strontium	86-1	31.59	31.73	32.31	31.88	1.19	ppb
Strontium	88-1	32.11	32.10	32.52	32.24	0.75	ppb
Sulfur	34-1	83360.94	85037.30	83214.23	83870.82	1.21	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.04	0.06	0.06	40.55	ppb
Thallium	205-1	0.08	0.06	0.06	0.06	19.13	ppb
Tin	118-1	0.56	0.60	0.60	0.59	3.62	ppb
Titanium	47-1	1913.79	1902.25	1922.87	1912.97	0.54	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	22.32	ppb
Vanadium	51-2	0.13	0.10	0.16	0.13	22.16	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.10	11.87	12.76	11.91	7.00	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	41.74	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:40:52	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	-0.01	0.01	0.01	0.00	256.40	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	87552.92	88613.30	89695.19	88620.47	1.21	ppb
Antimony	121-1	20.23	19.92	19.98	20.04	0.82	ppb
Arsenic	75-2	19.35	19.95	19.24	19.51	1.94	ppb
Barium	135-1	21.24	21.42	21.10	21.26	0.75	ppb
Barium	137-1	21.28	21.23	21.38	21.30	0.37	ppb
Beryllium	9-1	21.61	20.71	21.16	21.16	2.12	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	73.30	72.31	71.34	72.32	1.36	ppb
Boron	10-1	76.18	71.03	72.00	73.07	3.74	ppb
Cadmium	106-1	22.48	22.77	24.64	23.29	5.05	ppb
Cadmium	108-1	28.68	28.92	28.31	28.63	1.08	ppb
Cadmium	111-1	19.33	18.92	19.42	19.22	1.40	ppb
Calcium	43-1	95539.40	95238.07	97161.27	95979.58	1.08	ppb
Calcium	44-1	93753.87	94888.74	93570.05	94070.89	0.76	ppb
Chromium	52-2	38.74	38.82	38.86	38.81	0.17	ppb
Cobalt	59-2	20.67	21.31	20.91	20.96	1.54	ppb
Copper	63-2	27.08	27.47	27.63	27.39	1.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	96445.92	97107.01	98460.83	97337.92	1.06	ppb
Iron	57-2	99478.78	100360.35	100829.33	100222.82	0.68	ppb
Lead	206-1	24.37	24.90	24.84	24.70	1.18	ppb
Lead	207-1	21.91	22.51	22.72	22.38	1.88	ppb
Lead	208-1	23.11	23.39	23.32	23.27	0.62	ppb
Lithium	6-1						%
Magnesium	24-2	94788.04	95719.64	96271.71	95593.13	0.78	ppb
Manganese	55-2	27.16	26.91	28.11	27.39	2.30	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	1912.07	1913.90	1911.98	1912.65	0.06	ppb
Molybdenum	94-1	640.04	629.72	637.28	635.68	0.84	ppb
Molybdenum	95-1	1933.26	1889.58	1919.20	1914.01	1.16	ppb
Molybdenum	96-1	1619.40	1601.38	1598.48	1606.42	0.71	ppb
Molybdenum	97-1	1922.05	1892.68	1906.02	1906.92	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.27	24.66	25.26	24.73	2.01	ppb
Phosphorus	31-2	95689.72	95626.66	96943.71	96086.70	0.77	ppb
Potassium	39-2	95585.61	96231.12	97877.92	96564.88	1.22	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.66	20.64	24.97	19.76	28.88	ppb
Selenium	78-2	18.78	24.25	20.87	21.30	12.96	ppb
Selenium	82-1	21.72	19.97	20.58	20.76	4.28	ppb
Silicon	28-1	87.99	85.12	86.84	86.65	1.67	ppb
Silver	109-1	18.93	18.66	18.57	18.72	1.00	ppb
Silver	107-1	19.01	18.59	18.66	18.75	1.21	ppb
Sodium	23-2	95247.20	97412.08	96760.89	96473.39	1.15	ppb
Strontium	86-1	87.72	87.96	87.93	87.87	0.14	ppb
Strontium	88-1	92.60	89.52	91.08	91.07	1.69	ppb
Sulfur	34-1	81891.51	80155.13	81164.52	81070.39	1.08	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	19.63	19.71	20.31	19.88	1.88	ppb
Thallium	205-1	20.17	20.40	20.46	20.34	0.74	ppb
Tin	118-1	57.67	57.69	57.17	57.51	0.52	ppb
Titanium	47-1	1940.51	1975.55	1949.91	1955.32	0.93	ppb
Uranium	238-1	58.64	59.19	58.89	58.91	0.47	ppb
Vanadium	51-2	19.58	19.40	19.52	19.50	0.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	32.66	31.59	33.23	32.49	2.57	ppb
Zirconium	90-1	55.99	56.11	56.72	56.27	0.70	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	55.82	55.92	56.03	55.93	0.19	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8915.69	8977.51	9097.88	8997.03	1.03	ppb
Antimony	121-1	0.13	0.12	0.13	0.13	1.48	ppb
Arsenic	75-2	0.00	0.08	0.05	0.04	96.67	ppb
Barium	135-1	0.09	0.15	0.12	0.12	24.63	ppb
Barium	137-1	0.13	0.11	0.12	0.12	8.37	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	28.71	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.23	5.49	5.80	5.84	6.39	ppb
Boron	10-1	4.67	6.62	6.06	5.78	17.36	ppb
Cadmium	106-1	-0.77	-0.84	-1.41	-1.00		ppb
Cadmium	108-1	0.70	0.44	0.78	0.64	27.90	ppb
Cadmium	111-1	-0.05	-0.02	-0.09	-0.05		ppb
Calcium	43-1	9657.18	9581.63	9572.83	9603.88	0.48	ppb
Calcium	44-1	9819.21	9736.38	9968.08	9841.22	1.19	ppb
Chromium	52-2	1.97	2.00	1.92	1.96	2.14	ppb
Cobalt	59-2	0.12	0.10	0.12	0.11	7.64	ppb
Copper	63-2	0.87	0.86	0.86	0.87	0.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	9990.93	9969.12	10054.16	10004.74	0.44	ppb
Iron	57-2	10040.88	10135.32	10179.86	10118.69	0.70	ppb
Lead	206-1	0.52	0.58	0.62	0.58	8.64	ppb
Lead	207-1	0.42	0.50	0.45	0.46	8.54	ppb
Lead	208-1	0.50	0.52	0.53	0.51	2.69	ppb
Lithium	6-1						%
Magnesium	24-2	9706.68	9724.55	9736.31	9722.51	0.15	ppb
Manganese	55-2	0.77	0.87	0.63	0.76	15.72	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	188.80	187.07	187.40	187.76	0.49	ppb
Molybdenum	94-1	58.99	58.69	58.30	58.66	0.59	ppb
Molybdenum	95-1	191.91	185.68	185.08	187.56	2.02	ppb
Molybdenum	96-1	160.20	156.35	156.82	157.79	1.33	ppb
Molybdenum	97-1	192.59	188.19	187.44	189.41	1.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.60	0.60	0.45	0.55	15.44	ppb
Phosphorus	31-2	9965.74	9663.82	9497.74	9709.10	2.44	ppb
Potassium	39-2	9896.27	9858.96	9902.61	9885.95	0.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.22	-0.73		ppb
Selenium	78-2	-0.91	0.12	1.84	0.35	398.12	ppb
Selenium	82-1	-0.22	0.14	0.66	0.19	227.13	ppb
Silicon	28-1	-10.60	-13.04	-12.55	-12.06		ppb
Silver	109-1	0.05	0.04	0.04	0.04	18.32	ppb
Silver	107-1	0.04	0.05	0.05	0.05	18.42	ppb
Sodium	23-2	10168.73	10036.78	10107.55	10104.35	0.65	ppb
Strontium	86-1	3.17	3.21	3.03	3.14	2.93	ppb
Strontium	88-1	3.31	3.27	3.21	3.27	1.56	ppb
Sulfur	34-1	8300.01	7895.44	8047.33	8080.92	2.53	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	19.57	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	16.87	ppb
Tin	118-1	0.04	0.12	0.08	0.08	50.84	ppb
Titanium	47-1	191.96	192.11	195.57	193.21	1.06	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.02	0.00	0.01	57.25	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.31	1.28	1.23	1.27	3.29	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	18.83	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.01	0.02	22.62	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9087.29	9179.31	9306.13	9190.91	1.20	ppb
Antimony	121-1	2.05	2.07	2.15	2.09	2.53	ppb
Arsenic	75-2	1.90	1.82	2.01	1.91	5.09	ppb
Barium	135-1	1.94	2.24	2.23	2.14	8.02	ppb
Barium	137-1	2.10	2.10	2.17	2.12	1.81	ppb
Beryllium	9-1	2.18	2.19	2.20	2.19	0.58	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.67	10.34	10.64	10.89	6.40	ppb
Boron	10-1	10.42	11.95	7.76	10.05	21.11	ppb
Cadmium	106-1	2.09	0.69	1.61	1.46	48.73	ppb
Cadmium	108-1	2.66	3.54	2.74	2.98	16.38	ppb
Cadmium	111-1	1.87	2.03	2.02	1.97	4.59	ppb
Calcium	43-1	9502.42	9320.57	9466.55	9429.85	1.02	ppb
Calcium	44-1	9691.91	9577.38	9790.90	9686.73	1.10	ppb
Chromium	52-2	3.94	4.09	4.15	4.06	2.60	ppb
Cobalt	59-2	2.12	2.16	2.20	2.16	1.84	ppb
Copper	63-2	2.91	2.94	2.94	2.93	0.57	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	10027.68	10037.63	10146.65	10070.65	0.66	ppb
Iron	57-2	10103.36	10134.64	10193.14	10143.71	0.45	ppb
Lead	206-1	2.44	2.44	2.44	2.44	0.11	ppb
Lead	207-1	2.16	2.24	2.22	2.21	1.81	ppb
Lead	208-1	2.36	2.35	2.35	2.35	0.29	ppb
Lithium	6-1						%
Magnesium	24-2	9735.31	9794.69	9918.86	9816.29	0.95	ppb
Manganese	55-2	2.87	2.67	3.04	2.86	6.50	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	189.80	194.38	194.77	192.98	1.43	ppb
Molybdenum	94-1	63.72	64.84	64.69	64.42	0.94	ppb
Molybdenum	95-1	189.94	190.73	192.53	191.07	0.69	ppb
Molybdenum	96-1	161.64	161.65	163.08	162.12	0.51	ppb
Molybdenum	97-1	190.76	193.94	193.78	192.83	0.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.53	2.58	2.42	2.51	3.22	ppb
Phosphorus	31-2	10008.69	9883.80	9873.81	9922.10	0.76	ppb
Potassium	39-2	9858.27	9869.92	10037.16	9921.79	1.01	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	11.00	8.81	2.23	7.34	62.17	ppb
Selenium	78-2	1.82	2.85	1.49	2.05	34.42	ppb
Selenium	82-1	2.23	2.88	2.61	2.57	12.75	ppb
Silicon	28-1	-5.89	-7.67	-6.66	-6.74		ppb
Silver	109-1	1.95	1.90	1.99	1.95	2.43	ppb
Silver	107-1	1.93	1.95	1.93	1.94	0.45	ppb
Sodium	23-2	10101.75	10099.41	10437.55	10212.90	1.90	ppb
Strontium	86-1	9.11	8.91	9.04	9.02	1.13	ppb
Strontium	88-1	9.05	9.18	9.23	9.15	0.99	ppb
Sulfur	34-1	7797.91	7591.31	7733.86	7707.70	1.37	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	1.96	2.00	2.07	2.01	2.68	ppb
Thallium	205-1	1.95	1.98	1.99	1.97	1.18	ppb
Tin	118-1	6.25	6.16	6.15	6.19	0.86	ppb
Titanium	47-1	197.22	194.04	196.44	195.90	0.85	ppb
Uranium	238-1	5.86	6.01	5.71	5.86	2.59	ppb
Vanadium	51-2	2.02	1.97	1.92	1.97	2.45	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	3.19	3.61	3.57	3.46	6.77	ppb
Zirconium	90-1	5.69	5.91	5.72	5.77	2.06	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	5.74	5.70	5.71	5.72	0.33	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49827.07	48837.22	49556.99	49407.09	1.04	ppb
Antimony	121-1	506.63	515.63	499.82	507.36	1.56	ppb
Arsenic	75-2	508.60	502.39	507.78	506.26	0.67	ppb
Barium	135-1	2525.82	2560.94	2502.39	2529.72	1.16	ppb
Barium	137-1	2516.14	2536.84	2494.73	2515.90	0.84	ppb
Beryllium	9-1	537.88	531.18	531.60	533.55	0.70	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	552.75	558.78	556.75	556.09	0.55	ppb
Boron	10-1	550.12	552.96	549.14	550.74	0.36	ppb
Cadmium	106-1	502.25	499.90	487.13	496.43	1.64	ppb
Cadmium	108-1	495.57	504.26	496.12	498.65	0.98	ppb
Cadmium	111-1	482.95	492.09	484.02	486.36	1.03	ppb
Calcium	43-1	241134.04	241997.73	245015.27	242715.68	0.84	ppb
Calcium	44-1	241078.94	241545.84	242323.04	241649.27	0.26	ppb
Chromium	52-2	516.58	507.80	513.21	512.53	0.86	ppb
Cobalt	59-2	502.38	497.84	510.89	503.70	1.32	ppb
Copper	63-2	1006.12	986.00	986.91	993.01	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	125233.95	122259.33	124645.45	124046.25	1.27	ppb
Iron	57-2	128159.24	124764.19	126769.74	126564.39	1.35	ppb
Lead	206-1	512.10	513.34	508.94	511.46	0.44	ppb
Lead	207-1	495.40	498.85	499.99	498.08	0.48	ppb
Lead	208-1	510.31	507.08	511.13	509.51	0.42	ppb
Lithium	6-1						%
Magnesium	24-2	251585.53	245255.31	247007.58	247949.47	1.32	ppb
Manganese	55-2	1020.28	1004.22	1019.29	1014.60	0.89	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	513.42	508.59	497.86	506.62	1.57	ppb
Molybdenum	94-1	509.26	511.58	509.48	510.11	0.25	ppb
Molybdenum	95-1	505.10	507.40	506.61	506.37	0.23	ppb
Molybdenum	96-1	521.64	512.10	511.29	515.01	1.12	ppb
Molybdenum	97-1	494.83	494.56	493.13	494.17	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.70	493.31	495.94	497.65	1.09	ppb
Phosphorus	31-2	10458.95	9600.03	10053.70	10037.56	4.28	ppb
Potassium	39-2	125271.57	121936.01	125207.79	124138.45	1.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	539.87	553.62	633.98	575.82	8.83	ppb
Selenium	78-2	506.37	525.56	520.13	517.35	1.91	ppb
Selenium	82-1	501.40	499.14	493.61	498.05	0.81	ppb
Silicon	28-1	495.63	491.64	506.93	498.07	1.59	ppb
Silver	109-1	503.89	501.85	502.48	502.74	0.21	ppb
Silver	107-1	495.34	503.02	489.87	496.08	1.33	ppb
Sodium	23-2	253157.27	245476.10	247429.53	248687.64	1.61	ppb
Strontium	86-1	512.12	509.64	505.57	509.11	0.65	ppb
Strontium	88-1	523.91	513.53	516.51	517.98	1.03	ppb
Sulfur	34-1	11080.57	11033.78	11308.76	11141.04	1.32	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	516.32	514.69	516.14	515.72	0.17	ppb
Thallium	205-1	510.37	509.60	511.76	510.58	0.21	ppb
Tin	118-1	510.63	516.40	502.74	509.93	1.34	ppb
Titanium	47-1	503.39	502.70	507.62	504.57	0.53	ppb
Uranium	238-1	513.98	515.78	510.90	513.55	0.48	ppb
Vanadium	51-2	520.27	509.38	512.39	514.02	1.09	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	998.22	968.10	988.41	984.91	1.56	ppb
Zirconium	90-1	503.28	510.17	505.76	506.40	0.69	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	510.03	506.93	513.85	510.27	0.68	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:59:35	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.73	-1.72	-1.69	-1.71		ppb
Antimony	121-1	0.06	0.06	0.07	0.06	9.96	ppb
Arsenic	75-2	0.01	0.00	0.05	0.02	139.03	ppb
Barium	135-1	0.00	0.01	-0.01	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.06	0.04	0.04	42.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	15.74	15.31	14.55	15.20	3.98	ppb
Boron	10-1	16.44	15.49	13.57	15.17	9.66	ppb
Cadmium	106-1	-1.52	0.14	-0.80	-0.73		ppb
Cadmium	108-1	0.11	-0.01	0.05	0.05	123.48	ppb
Cadmium	111-1	-0.11	0.01	-0.06	-0.05		ppb
Calcium	43-1	-7.84	-19.54	-23.52	-16.96		ppb
Calcium	44-1	10.79	10.33	11.74	10.95	6.58	ppb
Chromium	52-2	-0.04	0.03	0.00	-0.01		ppb
Cobalt	59-2	-0.01	0.00	-0.01	-0.01		ppb
Copper	63-2	0.03	0.04	0.04	0.03	12.12	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.97	1.17	0.75	0.96	21.69	ppb
Iron	57-2	1.55	1.42	-0.87	0.70	193.62	ppb
Lead	206-1	0.18	0.18	0.14	0.16	14.59	ppb
Lead	207-1	0.18	0.16	0.14	0.16	13.40	ppb
Lead	208-1	0.18	0.17	0.16	0.17	8.18	ppb
Lithium	6-1						%
Magnesium	24-2	1.50	0.94	1.35	1.26	23.13	ppb
Manganese	55-2	-0.04	-0.01	-0.01	-0.02		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:59:35	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.00	0.02	0.02	66.16	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	-4.73	4.05	-4.28	-1.66		ppb
Potassium	39-2	30.75	51.89	37.04	39.89	27.21	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	1.46	0.78	-0.55	0.57	180.90	ppb
Selenium	82-1	0.51	0.50	2.22	1.08	91.78	ppb
Silicon	28-1	-13.03	-12.42	-12.03	-12.49		ppb
Silver	109-1	0.02	0.03	0.02	0.02	17.75	ppb
Silver	107-1	0.03	0.02	0.02	0.02	28.20	ppb
Sodium	23-2	134.91	132.63	136.06	134.53	1.30	ppb
Strontium	86-1	0.02	-0.08	-0.01	-0.03		ppb
Strontium	88-1	0.00	0.00	0.01	0.00	46.32	ppb
Sulfur	34-1	-1556.80	-1190.40	-1120.31	-1289.17		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.03	0.03	5.68	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	26.11	ppb
Tin	118-1	0.07	0.04	0.05	0.05	26.07	ppb
Titanium	47-1	-0.02	-0.03	-0.02	-0.02		ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.02		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.14	0.17	0.06	0.12	44.12	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	15.83	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:59:35	DataFile Name :	021CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.01	0.03	59.01	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16.94	14.45	23.15	18.18	24.65	ppb
Antimony	121-1	1.92	1.87	2.04	1.94	4.58	ppb
Arsenic	75-2	0.87	0.65	0.82	0.78	15.12	ppb
Barium	135-1	9.27	8.87	9.40	9.18	3.05	ppb
Barium	137-1	9.44	9.18	9.55	9.39	2.02	ppb
Beryllium	9-1	1.11	1.08	1.03	1.07	3.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	29.60	32.95	31.88	31.48	5.43	ppb
Boron	10-1	33.90	33.65	32.72	33.42	1.87	ppb
Cadmium	106-1	1.37	-0.64	0.73	0.49	211.33	ppb
Cadmium	108-1	0.92	0.98	0.95	0.95	3.60	ppb
Cadmium	111-1	0.93	0.78	0.97	0.89	10.86	ppb
Calcium	43-1	436.15	426.63	439.04	433.94	1.50	ppb
Calcium	44-1	450.50	445.23	471.42	455.72	3.04	ppb
Chromium	52-2	2.02	2.10	2.07	2.06	2.13	ppb
Cobalt	59-2	0.91	0.96	1.01	0.96	4.95	ppb
Copper	63-2	2.14	2.07	2.11	2.11	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	46.58	47.40	46.64	46.87	0.97	ppb
Iron	57-2	43.01	50.37	50.95	48.11	9.20	ppb
Lead	206-1	1.06	0.95	1.05	1.02	5.74	ppb
Lead	207-1	1.05	1.05	1.01	1.04	2.54	ppb
Lead	208-1	1.04	1.04	1.01	1.03	1.60	ppb
Lithium	6-1						%
Magnesium	24-2	453.27	476.17	466.78	465.41	2.47	ppb
Manganese	55-2	0.88	1.06	0.96	0.97	9.15	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.26	4.24	4.42	4.31	2.24	ppb
Molybdenum	94-1	1.93	2.02	2.08	2.01	3.73	ppb
Molybdenum	95-1	4.37	4.43	4.57	4.46	2.30	ppb
Molybdenum	96-1	3.71	3.68	3.98	3.79	4.36	ppb
Molybdenum	97-1	4.26	4.36	4.50	4.38	2.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.95	0.99	0.94	0.96	2.84	ppb
Phosphorus	31-2	3.89	4.28	4.21	4.13	5.06	ppb
Potassium	39-2	485.52	511.84	533.00	510.12	4.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.26	6.70	4.47	4.48	49.53	ppb
Selenium	78-2	4.63	6.34	4.27	5.08	21.78	ppb
Selenium	82-1	4.06	5.06	4.25	4.46	11.85	ppb
Silicon	28-1	-5.18	-6.06	-0.63	-3.95		ppb
Silver	109-1	1.40	1.37	1.44	1.40	2.58	ppb
Silver	107-1	1.38	1.45	1.48	1.44	3.82	ppb
Sodium	23-2	546.02	572.71	563.80	560.84	2.42	ppb
Strontium	86-1	0.88	0.90	0.83	0.87	4.59	ppb
Strontium	88-1	0.92	0.93	0.96	0.93	2.12	ppb
Sulfur	34-1	-1217.59	-1236.54	-733.08	-1062.40		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.98	0.93	0.97	0.96	2.60	ppb
Thallium	205-1	0.99	0.99	1.03	1.01	2.49	ppb
Tin	118-1	4.74	4.69	4.74	4.72	0.57	ppb
Titanium	47-1	4.36	4.48	4.44	4.43	1.40	ppb
Uranium	238-1	0.85	0.85	0.90	0.87	3.29	ppb
Vanadium	51-2	4.60	4.46	4.57	4.54	1.68	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	2.31	1.95	2.00	2.08	9.40	ppb
Zirconium	90-1	0.87	0.91	0.93	0.90	3.63	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.91	0.90	0.91	0.91	0.86	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : PB100214BL Instrumnet Name : P8
 Client Sample ID : PB100214BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:05:53 DataFile Name : 023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.08	-0.99	2.61	1.90	137.30	ppb
Antimony	121-1	0.01	0.02	0.02	0.02	16.74	ppb
Arsenic	75-2	0.01	-0.03	0.00	-0.01		ppb
Barium	135-1	-0.02	-0.02	-0.02	-0.02		ppb
Barium	137-1	-0.02	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.01	0.03	0.02	65.22	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.00	7.36	7.01	7.12	2.89	ppb
Boron	10-1	7.11	6.08	8.28	7.16	15.40	ppb
Cadmium	106-1	0.27	-1.04	-0.14	-0.30		ppb
Cadmium	108-1	0.05	-0.04	0.06	0.02	244.20	ppb
Cadmium	111-1	0.01	-0.08	-0.03	-0.03		ppb
Calcium	43-1	-12.50	-9.77	-12.31	-11.53		ppb
Calcium	44-1	-0.97	7.92	5.26	4.07	112.10	ppb
Chromium	52-2	0.04	0.01	-0.02	0.01	476.39	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.06	0.06	0.04	0.05	23.07	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.92	0.28	0.59	0.60	53.53	ppb
Iron	57-2	1.02	0.22	0.81	0.69	60.37	ppb
Lead	206-1	0.07	0.07	0.04	0.06	32.86	ppb
Lead	207-1	0.04	0.06	0.04	0.04	24.15	ppb
Lead	208-1	0.06	0.05	0.04	0.05	21.19	ppb
Lithium	6-1						%
Magnesium	24-2	0.48	0.63	1.23	0.78	50.58	ppb
Manganese	55-2	-0.05	0.03	-0.05	-0.02		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BL	Instrumnet Name :	P8
Client Sample ID :	PB100214BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:05:53	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.01	0.00	12422.33	ppb
Molybdenum	95-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.03	-0.01	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.01	0.00	-0.02		ppb
Phosphorus	31-2	12.69	-4.62	-4.65	1.14	875.78	ppb
Potassium	39-2	10.87	29.24	13.95	18.02	54.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	0.12	-0.23	-0.22	-0.11		ppb
Selenium	82-1	0.56	0.91	0.80	0.76	23.34	ppb
Silicon	28-1	-16.49	-10.98	-14.16	-13.88		ppb
Silver	109-1	0.02	0.03	0.01	0.02	36.89	ppb
Silver	107-1	0.02	0.02	0.02	0.02	0.85	ppb
Sodium	23-2	68.16	62.61	64.11	64.96	4.41	ppb
Strontium	86-1	-0.07	0.02	0.05	0.00	5962.51	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	185.62	ppb
Sulfur	34-1	-1116.01	-722.66	-1084.88	-974.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.01	0.02	0.01	17.43	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	22.95	ppb
Tin	118-1	-0.06	-0.04	-0.06	-0.05		ppb
Titanium	47-1	-0.04	-0.04	-0.04	-0.04		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.07	-0.01	-0.01	0.02	318.33	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	48.07	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BL	Instrumnet Name :	P8
Client Sample ID :	PB100214BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:05:53	DataFile Name :	023CCBE.d

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

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:14:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	73.43	68.70	56.39	66.17	13.29	ppb
Antimony	121-1	0.20	0.17	0.20	0.19	9.08	ppb
Arsenic	75-2	0.81	0.82	0.73	0.79	6.71	ppb
Barium	135-1	2.87	2.66	2.56	2.69	5.82	ppb
Barium	137-1	2.71	2.47	2.62	2.60	4.57	ppb
Beryllium	9-1	0.15	0.12	0.08	0.12	27.28	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	45.13	42.13	38.43	41.90	8.01	ppb
Boron	10-1	46.35	40.19	35.74	40.76	13.07	ppb
Cadmium	106-1	-1.58	0.26	0.13	-0.40		ppb
Cadmium	108-1	0.26	0.17	-0.01	0.14	100.39	ppb
Cadmium	111-1	-0.05	0.10	0.07	0.04	213.73	ppb
Calcium	43-1	1250.47	1249.22	1242.88	1247.52	0.33	ppb
Calcium	44-1	1564.56	1576.93	1563.07	1568.18	0.49	ppb
Chromium	52-2	2.45	2.43	2.36	2.41	1.93	ppb
Cobalt	59-2	0.09	0.08	0.08	0.08	4.78	ppb
Copper	63-2	5.09	5.15	5.06	5.10	0.86	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	81.81	79.63	80.37	80.60	1.37	ppb
Iron	57-2	89.75	87.41	73.27	83.48	10.68	ppb
Lead	206-1	1.26	1.28	1.19	1.24	3.79	ppb
Lead	207-1	1.16	1.20	1.11	1.16	3.89	ppb
Lead	208-1	1.19	1.22	1.18	1.20	1.72	ppb
Lithium	6-1						%
Magnesium	24-2	1110.39	1089.92	1089.33	1096.55	1.09	ppb
Manganese	55-2	15.43	15.74	15.36	15.51	1.30	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:14:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.43	0.42	0.47	0.44	5.75	ppb
Molybdenum	94-1	0.33	0.33	0.30	0.32	4.61	ppb
Molybdenum	95-1	0.46	0.44	0.41	0.44	6.14	ppb
Molybdenum	96-1	0.43	0.38	0.36	0.39	9.55	ppb
Molybdenum	97-1	0.44	0.46	0.45	0.45	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.07	3.23	3.35	3.22	4.50	ppb
Phosphorus	31-2	7290.84	7167.81	6678.42	7045.69	4.60	ppb
Potassium	39-2	4839.90	4781.70	4739.51	4787.04	1.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.10	-2.21	-1.50		ppb
Selenium	78-2	0.41	0.40	-0.25	0.18	206.13	ppb
Selenium	82-1	-0.16	-0.54	-0.86	-0.52		ppb
Silicon	28-1	785.86	768.45	769.04	774.45	1.28	ppb
Silver	109-1	0.06	0.08	0.07	0.07	14.35	ppb
Silver	107-1	0.08	0.07	0.09	0.08	10.98	ppb
Sodium	23-2	2845.25	2759.20	2790.52	2798.32	1.56	ppb
Strontium	86-1	2.35	2.31	2.43	2.36	2.49	ppb
Strontium	88-1	2.56	2.51	2.47	2.51	1.71	ppb
Sulfur	34-1	6689.26	6573.96	6740.87	6668.03	1.28	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.09	0.08	0.09	0.08	9.98	ppb
Thallium	205-1	0.10	0.09	0.08	0.09	8.63	ppb
Tin	118-1	2.34	2.27	2.33	2.31	1.62	ppb
Titanium	47-1	3.89	3.89	3.66	3.81	3.54	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	11.48	ppb
Vanadium	51-2	0.16	0.18	0.16	0.17	8.03	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	39.75	40.52	41.29	40.52	1.90	ppb
Zirconium	90-1	0.27	0.25	0.23	0.25	8.14	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:14:53	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.28	0.22	0.25	0.25	10.40	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3946-01DLX20 Instrumnet Name : P8
 Client Sample ID : 1706195528-29-COMPD Dilution Factor : 20
 Date & Time Acquired :: 2017-06-29 16:18:01 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.09	2.28	3.15	4.17	61.45	ppb
Antimony	121-1	0.04	0.05	0.05	0.04	16.59	ppb
Arsenic	75-2	0.08	0.04	0.03	0.05	51.94	ppb
Barium	135-1	0.13	0.10	0.10	0.11	18.90	ppb
Barium	137-1	0.07	0.08	0.11	0.09	25.55	ppb
Beryllium	9-1	0.05	0.10	0.07	0.07	35.16	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	17.83	18.22	16.97	17.68	3.60	ppb
Boron	10-1	17.96	15.26	17.79	17.00	8.88	ppb
Cadmium	106-1	-0.58	-0.69	-1.00	-0.76		ppb
Cadmium	108-1	0.02	0.11	0.05	0.06	75.34	ppb
Cadmium	111-1	-0.03	-0.05	-0.07	-0.05		ppb
Calcium	43-1	49.97	49.22	42.00	47.06	9.35	ppb
Calcium	44-1	73.42	76.43	74.66	74.84	2.02	ppb
Chromium	52-2	0.14	0.11	0.18	0.14	24.54	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.29	0.29	0.33	0.30	6.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4.36	4.43	4.77	4.52	4.86	ppb
Iron	57-2	3.75	2.55	5.88	4.06	41.55	ppb
Lead	206-1	0.23	0.20	0.21	0.22	6.22	ppb
Lead	207-1	0.24	0.21	0.16	0.20	19.57	ppb
Lead	208-1	0.23	0.22	0.20	0.21	7.38	ppb
Lithium	6-1						%
Magnesium	24-2	45.71	51.99	54.16	50.62	8.67	ppb
Manganese	55-2	0.63	0.71	0.70	0.68	6.61	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01DLX20	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMPD	Dilution Factor :	20
Date & Time Acquired ::	2017-06-29 16:18:01	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.00	0.01	0.00	0.00	204.44	ppb
Molybdenum	94-1	0.01	0.01	0.01	0.01	29.96	ppb
Molybdenum	95-1	0.01	0.01	0.00	0.00	187.85	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	1441.97	ppb
Molybdenum	97-1	0.02	0.01	0.02	0.01	36.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.19	0.11	0.14	29.75	ppb
Phosphorus	31-2	336.54	300.66	287.46	308.22	8.24	ppb
Potassium	39-2	249.53	235.46	246.88	243.96	3.06	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.01	-0.80		ppb
Selenium	78-2	-0.26	-0.25	-0.58	-0.37		ppb
Selenium	82-1	0.43	0.23	0.57	0.41	41.66	ppb
Silicon	28-1	22.74	22.05	23.51	22.77	3.21	ppb
Silver	109-1	0.02	0.02	0.02	0.02	7.69	ppb
Silver	107-1	0.02	0.02	0.02	0.02	5.01	ppb
Sodium	23-2	182.14	181.30	188.84	184.09	2.24	ppb
Strontium	86-1	0.01	-0.09	0.12	0.01	864.42	ppb
Strontium	88-1	0.12	0.12	0.13	0.12	3.38	ppb
Sulfur	34-1	-1957.88	-1941.45	-1635.36	-1844.90		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.02	0.01	82.48	ppb
Thallium	205-1	0.01	0.02	0.01	0.01	48.10	ppb
Tin	118-1	0.12	0.12	0.09	0.11	18.82	ppb
Titanium	47-1	0.23	0.09	0.14	0.15	45.03	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	0.00	0.00	203.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1.77	1.67	1.52	1.65	7.74	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	32.35	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01DLX20	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMPD	Dilution Factor :	20
Date & Time Acquired ::	2017-06-29 16:18:01	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	80.07	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9621.27	9531.28	9746.08	9632.87	1.12	ppb
Antimony	121-1	514.22	519.28	521.15	518.22	0.69	ppb
Arsenic	75-2	511.65	508.58	511.87	510.70	0.36	ppb
Barium	135-1	2545.25	2560.36	2530.85	2545.48	0.58	ppb
Barium	137-1	2512.54	2541.64	2506.53	2520.24	0.75	ppb
Beryllium	9-1	541.17	548.17	548.57	545.97	0.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	532.72	551.52	559.49	547.91	2.51	ppb
Boron	10-1	525.94	552.34	553.37	543.88	2.86	ppb
Cadmium	106-1	517.18	513.34	521.37	517.29	0.78	ppb
Cadmium	108-1	513.95	511.80	524.43	516.73	1.31	ppb
Cadmium	111-1	503.23	507.61	505.35	505.40	0.43	ppb
Calcium	43-1	48663.59	49271.24	49144.39	49026.41	0.65	ppb
Calcium	44-1	49133.42	49568.90	49069.77	49257.36	0.55	ppb
Chromium	52-2	496.12	489.62	500.73	495.49	1.13	ppb
Cobalt	59-2	507.13	493.47	507.15	502.58	1.57	ppb
Copper	63-2	1010.48	1007.72	1018.13	1012.11	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25156.38	24726.10	25196.79	25026.43	1.04	ppb
Iron	57-2	25402.55	24973.78	25508.26	25294.86	1.12	ppb
Lead	206-1	505.11	510.97	496.88	504.32	1.40	ppb
Lead	207-1	487.94	487.80	482.90	486.21	0.59	ppb
Lead	208-1	500.73	505.97	498.48	501.73	0.77	ppb
Lithium	6-1						%
Magnesium	24-2	50948.96	50283.46	50946.32	50726.25	0.76	ppb
Manganese	55-2	1017.19	995.44	1021.22	1011.29	1.37	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	496.75	491.31	490.31	492.79	0.70	ppb
Molybdenum	94-1	497.70	494.79	497.84	496.78	0.35	ppb
Molybdenum	95-1	494.42	497.07	495.26	495.59	0.27	ppb
Molybdenum	96-1	496.23	496.76	498.70	497.23	0.26	ppb
Molybdenum	97-1	480.98	482.76	478.86	480.87	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	498.45	493.19	501.04	497.56	0.80	ppb
Phosphorus	31-2	10325.63	10221.63	9978.67	10175.31	1.75	ppb
Potassium	39-2	25349.66	25058.83	25527.78	25312.09	0.94	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	577.41	635.19	574.01	595.54	5.77	ppb
Selenium	78-2	511.82	522.44	506.94	513.73	1.54	ppb
Selenium	82-1	500.21	500.55	490.18	496.98	1.19	ppb
Silicon	28-1	485.38	495.91	492.62	491.30	1.10	ppb
Silver	109-1	529.87	523.39	524.00	525.75	0.68	ppb
Silver	107-1	522.29	521.72	521.28	521.76	0.10	ppb
Sodium	23-2	50919.34	50558.30	51187.79	50888.48	0.62	ppb
Strontium	86-1	488.64	484.59	484.58	485.94	0.48	ppb
Strontium	88-1	501.08	492.78	490.64	494.83	1.11	ppb
Sulfur	34-1	9995.36	10400.16	10156.79	10184.10	2.00	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	514.64	506.25	501.73	507.54	1.29	ppb
Thallium	205-1	521.73	510.07	498.11	509.97	2.32	ppb
Tin	118-1	513.33	517.19	523.80	518.10	1.02	ppb
Titanium	47-1	492.98	497.47	496.94	495.80	0.49	ppb
Uranium	238-1	493.63	500.26	489.28	494.39	1.12	ppb
Vanadium	51-2	506.96	503.31	511.16	507.14	0.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	999.34	993.41	1000.70	997.82	0.39	ppb
Zirconium	90-1	491.97	499.67	488.92	493.52	1.12	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	494.87	501.08	490.75	495.57	1.05	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9605.46	9644.46	10347.36	9865.76	4.23	ppb
Antimony	121-1	513.25	522.47	525.29	520.34	1.21	ppb
Arsenic	75-2	509.66	512.02	544.43	522.03	3.72	ppb
Barium	135-1	2564.24	2596.98	2578.85	2580.02	0.64	ppb
Barium	137-1	2533.31	2604.18	2577.21	2571.57	1.39	ppb
Beryllium	9-1	554.12	540.26	537.64	544.01	1.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	560.23	566.85	558.06	561.71	0.82	ppb
Boron	10-1	554.97	547.64	557.55	553.39	0.93	ppb
Cadmium	106-1	509.00	529.73	517.71	518.81	2.01	ppb
Cadmium	108-1	514.65	518.28	513.61	515.51	0.48	ppb
Cadmium	111-1	500.85	514.70	510.06	508.54	1.39	ppb
Calcium	43-1	49097.71	48913.75	49140.46	49050.64	0.25	ppb
Calcium	44-1	49807.41	49296.26	49399.66	49501.11	0.55	ppb
Chromium	52-2	493.82	496.11	525.72	505.21	3.52	ppb
Cobalt	59-2	512.34	506.04	536.14	518.17	3.06	ppb
Copper	63-2	1011.90	1014.74	1074.35	1033.66	3.41	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25426.42	25089.77	26615.10	25710.43	3.12	ppb
Iron	57-2	25300.49	25289.26	26930.69	25840.15	3.66	ppb
Lead	206-1	501.81	494.88	502.07	499.59	0.82	ppb
Lead	207-1	484.10	480.39	482.95	482.48	0.39	ppb
Lead	208-1	495.31	498.91	499.56	497.93	0.46	ppb
Lithium	6-1						%
Magnesium	24-2	51124.77	51410.49	54548.88	52361.38	3.63	ppb
Manganese	55-2	1005.67	1004.36	1076.22	1028.75	4.00	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	500.11	497.29	498.23	498.55	0.29	ppb
Molybdenum	94-1	503.82	499.57	502.08	501.82	0.43	ppb
Molybdenum	95-1	498.33	500.07	489.87	496.09	1.10	ppb
Molybdenum	96-1	506.29	504.85	494.67	501.94	1.26	ppb
Molybdenum	97-1	488.43	484.36	484.04	485.61	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	495.98	495.55	531.12	507.55	4.02	ppb
Phosphorus	31-2	10270.41	10020.14	10235.60	10175.38	1.33	ppb
Potassium	39-2	25365.20	25236.89	26953.19	25851.76	3.70	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	410.63	538.84	558.17	502.55	15.96	ppb
Selenium	78-2	527.07	527.47	549.15	534.57	2.36	ppb
Selenium	82-1	505.80	499.12	498.06	500.99	0.84	ppb
Silicon	28-1	492.18	498.02	496.33	495.51	0.61	ppb
Silver	109-1	512.75	530.18	531.15	524.69	1.97	ppb
Silver	107-1	515.87	529.08	527.30	524.09	1.37	ppb
Sodium	23-2	51249.23	50890.16	54445.17	52194.85	3.75	ppb
Strontium	86-1	491.83	487.75	489.88	489.82	0.42	ppb
Strontium	88-1	499.33	498.79	498.14	498.75	0.12	ppb
Sulfur	34-1	10356.70	10194.26	10090.95	10213.97	1.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.82	508.50	498.78	503.70	0.96	ppb
Thallium	205-1	503.09	504.83	499.99	502.64	0.49	ppb
Tin	118-1	518.69	525.10	521.54	521.78	0.61	ppb
Titanium	47-1	499.17	497.17	489.94	495.43	0.98	ppb
Uranium	238-1	484.52	487.93	485.78	486.08	0.35	ppb
Vanadium	51-2	504.76	500.13	539.09	514.66	4.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	984.18	995.71	1062.22	1014.04	4.15	ppb
Zirconium	90-1	501.51	504.03	490.20	498.58	1.48	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	505.04	498.64	502.95	502.21	0.65	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49106.95	50225.05	49218.68	49516.89	1.24	ppb
Antimony	121-1	517.60	519.05	509.48	515.38	1.00	ppb
Arsenic	75-2	509.08	507.95	513.95	510.32	0.63	ppb
Barium	135-1	2554.80	2591.05	2551.29	2565.71	0.86	ppb
Barium	137-1	2568.26	2566.41	2539.90	2558.19	0.62	ppb
Beryllium	9-1	561.46	560.35	553.54	558.45	0.77	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	584.29	582.77	584.15	583.74	0.14	ppb
Boron	10-1	584.04	587.82	588.34	586.73	0.40	ppb
Cadmium	106-1	501.45	499.51	509.41	503.46	1.04	ppb
Cadmium	108-1	496.95	509.65	505.90	504.17	1.29	ppb
Cadmium	111-1	494.44	493.74	494.70	494.29	0.10	ppb
Calcium	43-1	243038.13	243219.86	246174.44	244144.14	0.72	ppb
Calcium	44-1	244804.80	247610.15	244451.55	245622.17	0.70	ppb
Chromium	52-2	501.65	510.45	498.42	503.51	1.24	ppb
Cobalt	59-2	497.40	504.99	500.13	500.84	0.77	ppb
Copper	63-2	976.11	995.23	971.93	981.09	1.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	122327.22	124377.45	121257.59	122654.08	1.29	ppb
Iron	57-2	125556.52	126034.89	123305.81	124965.74	1.17	ppb
Lead	206-1	507.20	512.59	526.91	515.57	1.98	ppb
Lead	207-1	494.63	496.23	506.05	498.97	1.24	ppb
Lead	208-1	508.39	512.63	522.80	514.61	1.44	ppb
Lithium	6-1						%
Magnesium	24-2	247708.42	252053.58	245061.61	248274.54	1.42	ppb
Manganese	55-2	998.96	1018.93	990.57	1002.82	1.45	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	510.35	511.60	509.48	510.48	0.21	ppb
Molybdenum	94-1	509.16	510.33	514.39	511.30	0.54	ppb
Molybdenum	95-1	511.65	507.48	518.25	512.46	1.06	ppb
Molybdenum	96-1	514.73	517.23	515.71	515.89	0.24	ppb
Molybdenum	97-1	499.26	492.59	496.58	496.14	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.07	492.38	482.32	487.59	1.04	ppb
Phosphorus	31-2	9877.63	10264.03	9916.60	10019.42	2.12	ppb
Potassium	39-2	124369.97	126350.20	123222.40	124647.52	1.27	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	504.34	625.37	540.90	556.87	11.15	ppb
Selenium	78-2	487.97	517.01	488.43	497.80	3.34	ppb
Selenium	82-1	502.25	503.86	496.12	500.74	0.82	ppb
Silicon	28-1	502.31	503.80	513.85	506.65	1.24	ppb
Silver	109-1	511.20	507.04	509.71	509.32	0.41	ppb
Silver	107-1	502.06	503.71	509.46	505.08	0.77	ppb
Sodium	23-2	246497.29	251941.10	246486.18	248308.19	1.27	ppb
Strontium	86-1	505.82	509.08	507.78	507.56	0.32	ppb
Strontium	88-1	514.47	520.19	524.83	519.83	1.00	ppb
Sulfur	34-1	10841.35	10972.38	11129.74	10981.16	1.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	511.87	517.45	525.34	518.22	1.31	ppb
Thallium	205-1	514.48	521.93	524.26	520.22	0.98	ppb
Tin	118-1	515.53	514.30	515.07	514.97	0.12	ppb
Titanium	47-1	500.30	505.90	505.87	504.02	0.64	ppb
Uranium	238-1	512.14	510.30	521.60	514.68	1.18	ppb
Vanadium	51-2	509.97	513.67	505.63	509.76	0.79	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	968.10	983.36	966.09	972.52	0.97	ppb
Zirconium	90-1	506.33	511.29	514.60	510.74	0.82	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.82	511.52	512.23	512.52	0.23	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:30:19 DataFile Name : 031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.31	1.12	-1.02	-0.07		ppb
Antimony	121-1	0.12	0.07	0.10	0.09	22.90	ppb
Arsenic	75-2	-0.02	0.02	0.02	0.01	353.58	ppb
Barium	135-1	0.01	0.02	0.00	0.01	124.28	ppb
Barium	137-1	-0.03	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.05	0.11	0.08	0.08	34.68	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	21.00	21.39	19.35	20.58	5.27	ppb
Boron	10-1	20.96	22.73	17.73	20.47	12.40	ppb
Cadmium	106-1	-0.07	-0.28	-0.07	-0.14		ppb
Cadmium	108-1	-0.01	0.09	0.18	0.09	112.88	ppb
Cadmium	111-1	0.00	-0.03	-0.01	-0.01		ppb
Calcium	43-1	-7.76	-27.52	-9.04	-14.78		ppb
Calcium	44-1	9.55	0.99	11.09	7.21	75.43	ppb
Chromium	52-2	0.02	0.01	-0.05	-0.01		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.05	0.04	0.03	0.04	34.18	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.83	0.58	0.78	0.73	18.18	ppb
Iron	57-2	1.52	-0.23	0.54	0.61	144.19	ppb
Lead	206-1	0.28	0.27	0.26	0.27	4.05	ppb
Lead	207-1	0.30	0.29	0.22	0.27	15.15	ppb
Lead	208-1	0.30	0.29	0.24	0.28	10.80	ppb
Lithium	6-1						%
Magnesium	24-2	2.23	1.20	1.48	1.64	32.62	ppb
Manganese	55-2	-0.02	-0.09	-0.02	-0.04		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:30:19	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.01	0.01	0.01	53.39	ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.03	-0.01	-0.01		ppb
Phosphorus	31-2	-4.78	-4.75	-4.78	-4.77		ppb
Potassium	39-2	41.98	30.10	25.78	32.62	25.72	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	2.18	-0.02	-2.21	-0.01		ppb
Selenium	78-2	0.45	0.11	1.14	0.57	92.49	ppb
Selenium	82-1	1.31	-0.28	0.63	0.55	144.09	ppb
Silicon	28-1	-13.49	-14.00	-13.30	-13.60		ppb
Silver	109-1	0.03	0.04	0.03	0.03	3.92	ppb
Silver	107-1	0.03	0.03	0.03	0.03	3.58	ppb
Sodium	23-2	116.68	112.36	109.05	112.69	3.40	ppb
Strontium	86-1	-0.01	0.03	-0.11	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	275.54	ppb
Sulfur	34-1	-1598.50	-1649.99	-1556.94	-1601.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.02	0.03	0.03	0.03	18.52	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	18.35	ppb
Tin	118-1	0.05	0.02	0.14	0.07	80.78	ppb
Titanium	47-1	-0.09	-0.08	-0.04	-0.07		ppb
Uranium	238-1	-0.01	-0.01	-0.02	-0.01		ppb
Vanadium	51-2	-0.01	0.00	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.02	0.13	0.08	71.15	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	21.67	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:30:19	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	31.57	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.32	-1.73	1.14	-0.30		ppb
Antimony	121-1	0.04	0.03	0.02	0.03	18.56	ppb
Arsenic	75-2	0.03	0.02	0.01	0.02	46.12	ppb
Barium	135-1	0.02	0.02	0.00	0.01	66.51	ppb
Barium	137-1	0.02	0.02	0.00	0.01	66.81	ppb
Beryllium	9-1	0.05	0.03	0.08	0.05	53.67	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.58	10.58	10.66	10.61	0.46	ppb
Boron	10-1	10.43	11.33	10.66	10.81	4.32	ppb
Cadmium	106-1	-0.29	-0.60	-0.04	-0.31		ppb
Cadmium	108-1	-0.04	-0.04	-0.01	-0.03		ppb
Cadmium	111-1	-0.03	-0.04	-0.01	-0.03		ppb
Calcium	43-1	-4.03	25.71	-2.57	6.37	263.25	ppb
Calcium	44-1	-1.77	13.24	7.77	6.41	118.43	ppb
Chromium	52-2	0.08	0.01	0.04	0.05	77.94	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.05	0.01	0.03	0.03	70.40	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.44	0.64	0.48	0.52	20.48	ppb
Iron	57-2	2.27	1.10	-0.22	1.05	118.53	ppb
Lead	206-1	0.13	0.11	0.14	0.12	12.73	ppb
Lead	207-1	0.08	0.12	0.08	0.09	25.89	ppb
Lead	208-1	0.10	0.12	0.10	0.11	9.47	ppb
Lithium	6-1						%
Magnesium	24-2	-0.01	-0.46	0.01	-0.15		ppb
Manganese	55-2	-0.01	-0.05	-0.01	-0.02		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.00	165.98	ppb
Molybdenum	95-1	-0.02	-0.02	-0.01	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.03	0.02	-0.01		ppb
Phosphorus	31-2	-4.83	37.31	-4.71	9.26	262.48	ppb
Potassium	39-2	15.01	17.94	18.45	17.13	10.84	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.28	-0.71		ppb
Selenium	78-2	0.46	0.80	0.48	0.58	32.85	ppb
Selenium	82-1	1.92	0.24	1.08	1.08	77.83	ppb
Silicon	28-1	-16.95	-10.57	-11.85	-13.12		ppb
Silver	109-1	0.02	0.02	0.01	0.02	23.98	ppb
Silver	107-1	0.02	0.01	0.02	0.02	29.89	ppb
Sodium	23-2	69.39	69.50	65.01	67.97	3.77	ppb
Strontium	86-1	-0.04	-0.02	-0.05	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	86.48	ppb
Sulfur	34-1	-1616.63	-730.38	-1194.60	-1180.54		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	-0.01	0.00	0.01	0.00	357.33	ppb
Thallium	205-1	0.01	0.00	0.01	0.00	110.32	ppb
Tin	118-1	-0.03	-0.01	0.00	-0.01		ppb
Titanium	47-1	-0.04	-0.03	0.01	-0.02		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	-0.02	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	-0.01	0.00	0.13	0.04	186.08	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	12.55	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.01	0.01	0.01	90.03	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.17	-0.92	-0.94	-0.68		ppb
Antimony	121-1	0.03	0.02	0.02	0.02	24.48	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.01	-0.01	0.00		ppb
Barium	137-1	0.00	-0.01	0.01	0.00		ppb
Beryllium	9-1	0.03	0.03	0.08	0.05	61.60	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.38	9.58	9.08	9.35	2.65	ppb
Boron	10-1	11.22	9.79	8.89	9.97	11.78	ppb
Cadmium	106-1	0.09	-0.97	0.18	-0.23		ppb
Cadmium	108-1	0.03	0.03	-0.04	0.01	547.94	ppb
Cadmium	111-1	0.00	-0.08	0.01	-0.02		ppb
Calcium	43-1	30.21	1.06	2.41	11.23	146.50	ppb
Calcium	44-1	13.96	18.66	17.88	16.83	14.97	ppb
Chromium	52-2	0.04	0.11	0.20	0.12	67.71	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.04	0.03	0.04	24.12	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.02	1.13	0.79	0.98	17.58	ppb
Iron	57-2	1.44	-0.22	0.57	0.60	138.37	ppb
Lead	206-1	483.69	476.50	483.52	481.24	0.85	ppb
Lead	207-1	466.78	467.59	476.49	470.29	1.15	ppb
Lead	208-1	482.77	479.94	486.41	483.04	0.67	ppb
Lithium	6-1						%
Magnesium	24-2	0.57	1.38	0.09	0.68	95.90	ppb
Manganese	55-2	0.06	0.02	0.00	0.03	105.54	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	94-1	0.00	0.00	0.01	0.01	89.52	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.02	0.01	0.00		ppb
Phosphorus	31-2	4.78	32.02	13.62	16.81	82.67	ppb
Potassium	39-2	24.12	29.22	27.02	26.79	9.55	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.83	0.15	-2.21	0.93	386.98	ppb
Selenium	78-2	0.55	2.38	0.54	1.16	91.93	ppb
Selenium	82-1	-0.85	-0.07	-0.89	-0.61		ppb
Silicon	28-1	-2.51	-3.06	-6.66	-4.08		ppb
Silver	109-1	0.00	0.02	0.02	0.01	79.53	ppb
Silver	107-1	0.03	0.01	0.01	0.02	44.01	ppb
Sodium	23-2	64.29	63.95	58.22	62.15	5.49	ppb
Strontium	86-1	0.02	-0.03	0.06	0.02	282.38	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	21.32	ppb
Sulfur	34-1	-639.94	-279.36	-747.09	-555.46		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	-0.01	0.00	237.45	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.21	-0.20	-0.20	-0.20		ppb
Titanium	47-1	-0.08	0.00	0.07	-0.01		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.01	0.00	0.00		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.44	0.46	0.59	0.50	16.67	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	28.04	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.00	0.00	0.00	292.69	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-01 Instrumnet Name : P8
 Client Sample ID : DC14266-01-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:41:11 DataFile Name : 034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14.80	6.59	10.79	10.73	38.29	ppb
Antimony	121-1	0.79	0.79	0.81	0.80	1.75	ppb
Arsenic	75-2	0.23	0.20	0.20	0.21	9.62	ppb
Barium	135-1	19.94	17.88	18.95	18.92	5.44	ppb
Barium	137-1	19.75	18.89	18.86	19.17	2.64	ppb
Beryllium	9-1	0.02	0.04	0.04	0.03	32.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.45	12.41	11.28	11.71	5.20	ppb
Boron	10-1	11.08	10.72	9.32	10.38	8.96	ppb
Cadmium	106-1	-0.45	-1.09	-1.40	-0.98		ppb
Cadmium	108-1	0.10	0.09	-0.04	0.05	160.62	ppb
Cadmium	111-1	-0.02	-0.06	-0.09	-0.06		ppb
Calcium	43-1	6102.11	5505.68	5423.87	5677.22	6.52	ppb
Calcium	44-1	6313.61	5672.58	5619.94	5868.71	6.58	ppb
Chromium	52-2	0.11	0.10	0.12	0.11	12.58	ppb
Cobalt	59-2	0.03	0.04	0.04	0.04	11.57	ppb
Copper	63-2	259.57	259.58	258.36	259.17	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24.02	24.29	24.68	24.33	1.36	ppb
Iron	57-2	28.41	29.40	25.65	27.82	6.98	ppb
Lead	206-1	1.21	1.05	1.09	1.11	7.81	ppb
Lead	207-1	1.04	0.96	0.88	0.96	8.69	ppb
Lead	208-1	1.15	1.03	0.98	1.06	8.39	ppb
Lithium	6-1						%
Magnesium	24-2	1304.36	1289.02	1286.49	1293.29	0.75	ppb
Manganese	55-2	11.10	11.11	10.92	11.04	0.95	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-01	Instrumnet Name :	P8
Client Sample ID :	DC14266-01-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:41:11	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.03	0.03	3.08	ppb
Molybdenum	94-1	0.03	0.02	0.04	0.03	20.53	ppb
Molybdenum	95-1	0.01	0.01	0.02	0.01	37.80	ppb
Molybdenum	96-1	0.02	0.03	0.02	0.02	25.99	ppb
Molybdenum	97-1	0.01	0.05	0.01	0.03	93.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.55	1.43	1.47	1.49	4.08	ppb
Phosphorus	31-2	571.69	633.75	602.50	602.64	5.15	ppb
Potassium	39-2	550.90	574.89	563.19	562.99	2.13	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.04	-0.03	-0.04	-0.04		ppb
Selenium	78-2	1.11	0.44	-0.24	0.44	153.43	ppb
Selenium	82-1	0.68	1.24	0.18	0.70	76.06	ppb
Silicon	28-1	773.76	706.75	689.17	723.23	6.17	ppb
Silver	109-1	0.02	0.03	0.03	0.03	27.37	ppb
Silver	107-1	0.03	0.02	0.02	0.02	24.08	ppb
Sodium	23-2	10131.40	10255.39	10235.49	10207.43	0.65	ppb
Strontium	86-1	20.66	19.30	19.00	19.65	4.48	ppb
Strontium	88-1	21.07	19.37	19.22	19.88	5.16	ppb
Sulfur	34-1	846.61	-26.42	25.48	281.89	173.74	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.02	0.01	58.39	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	20.29	ppb
Tin	118-1	-0.14	-0.15	-0.11	-0.14		ppb
Titanium	47-1	0.27	0.26	0.31	0.28	8.57	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.06	0.04	0.03	0.04	33.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	266.83	270.18	263.30	266.77	1.29	ppb
Zirconium	90-1	0.06	0.05	0.05	0.06	11.44	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-01	Instrumnet Name :	P8
Client Sample ID :	DC14266-01-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:41:11	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.03	0.03	0.04	62.32	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-02 Instrumnet Name : P8
 Client Sample ID : DC14266-02-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:44:20 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.73	10.20	21.94	12.96	61.53	ppb
Antimony	121-1	0.08	0.07	0.09	0.08	14.81	ppb
Arsenic	75-2	0.14	0.22	0.24	0.20	25.15	ppb
Barium	135-1	18.04	17.77	17.68	17.83	1.06	ppb
Barium	137-1	18.16	18.13	18.11	18.13	0.14	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	27.23	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.11	8.89	9.56	9.19	3.69	ppb
Boron	10-1	8.98	8.99	8.15	8.71	5.53	ppb
Cadmium	106-1	-1.61	0.19	0.77	-0.22		ppb
Cadmium	108-1	-0.01	-0.04	-0.01	-0.02		ppb
Cadmium	111-1	-0.11	0.01	0.04	-0.02		ppb
Calcium	43-1	5453.79	5446.70	5411.18	5437.22	0.42	ppb
Calcium	44-1	5684.20	5629.76	5634.22	5649.40	0.54	ppb
Chromium	52-2	0.21	0.09	0.11	0.14	45.52	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00		ppb
Copper	63-2	186.59	185.27	183.56	185.14	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.50	20.87	18.58	19.32	6.97	ppb
Iron	57-2	20.57	20.28	18.93	19.92	4.39	ppb
Lead	206-1	0.27	0.35	0.28	0.30	14.14	ppb
Lead	207-1	0.26	0.28	0.22	0.25	11.62	ppb
Lead	208-1	0.26	0.28	0.25	0.27	6.07	ppb
Lithium	6-1						%
Magnesium	24-2	1292.50	1269.19	1274.25	1278.65	0.96	ppb
Manganese	55-2	11.13	10.31	10.61	10.68	3.86	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-02 Instrumnet Name : P8
 Client Sample ID : DC14266-02-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:44:20 DataFile Name : 035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.01	0.01	57.54	ppb
Molybdenum	94-1	0.04	0.03	0.02	0.03	24.93	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	44.81	ppb
Molybdenum	96-1	0.01	0.03	0.01	0.02	67.53	ppb
Molybdenum	97-1	0.01	0.03	0.02	0.02	39.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.20	0.23	0.22	6.69	ppb
Phosphorus	31-2	635.40	767.28	694.24	698.97	9.45	ppb
Potassium	39-2	557.36	554.75	550.02	554.05	0.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	2.15	0.00	-0.02		ppb
Selenium	78-2	0.44	1.12	0.12	0.56	90.98	ppb
Selenium	82-1	0.69	0.03	1.09	0.60	89.15	ppb
Silicon	28-1	691.32	681.24	696.21	689.59	1.11	ppb
Silver	109-1	0.02	0.02	0.02	0.02	24.46	ppb
Silver	107-1	0.01	0.01	0.03	0.02	53.03	ppb
Sodium	23-2	10281.15	10319.47	10178.76	10259.79	0.71	ppb
Strontium	86-1	18.47	18.91	18.64	18.67	1.19	ppb
Strontium	88-1	18.84	19.01	18.99	18.95	0.48	ppb
Sulfur	34-1	-135.32	-32.47	-256.46	-141.42		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	119.69	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	66.82	ppb
Tin	118-1	-0.22	-0.21	-0.21	-0.21		ppb
Titanium	47-1	0.24	0.17	0.30	0.24	26.42	ppb
Uranium	238-1	0.00	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.03	0.03	0.03	19.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.49	7.76	7.12	7.46	4.30	ppb
Zirconium	90-1	0.03	0.04	0.03	0.04	3.27	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-02	Instrumnet Name :	P8
Client Sample ID :	DC14266-02-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:44:20	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.06	0.02	0.03	0.03	59.25	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-03 Instrumnet Name : P8
 Client Sample ID : DC14266-03-FL1-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:47:29 DataFile Name : 036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.25	8.67	9.41	9.78	13.63	ppb
Antimony	121-1	0.19	0.17	0.20	0.19	6.95	ppb
Arsenic	75-2	0.30	0.28	0.28	0.29	5.26	ppb
Barium	135-1	18.35	18.19	18.56	18.37	1.02	ppb
Barium	137-1	18.28	18.42	18.17	18.29	0.70	ppb
Beryllium	9-1	0.05	0.02	0.01	0.03	73.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.96	10.52	9.99	10.15	3.09	ppb
Boron	10-1	11.13	7.52	8.43	9.03	20.78	ppb
Cadmium	106-1	-1.16	-1.25	-0.84	-1.09		ppb
Cadmium	108-1	0.06	0.22	0.15	0.14	58.29	ppb
Cadmium	111-1	-0.08	-0.10	-0.07	-0.08		ppb
Calcium	43-1	5482.76	5332.70	5543.67	5453.05	1.99	ppb
Calcium	44-1	5741.18	5730.23	5728.34	5733.25	0.12	ppb
Chromium	52-2	0.08	0.22	0.09	0.13	57.18	ppb
Cobalt	59-2	0.13	0.16	0.17	0.15	12.54	ppb
Copper	63-2	274.17	278.06	276.30	276.18	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	45.26	46.24	46.84	46.11	1.73	ppb
Iron	57-2	49.37	51.44	49.74	50.18	2.19	ppb
Lead	206-1	1.26	1.15	1.18	1.20	4.58	ppb
Lead	207-1	1.09	1.06	1.07	1.07	1.05	ppb
Lead	208-1	1.15	1.13	1.15	1.14	0.84	ppb
Lithium	6-1						%
Magnesium	24-2	1339.72	1329.81	1358.59	1342.71	1.09	ppb
Manganese	55-2	13.94	14.61	13.92	14.16	2.78	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-03	Instrumnet Name :	P8
Client Sample ID :	DC14266-03-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:47:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.01	0.02	30.74	ppb
Molybdenum	94-1	0.02	0.04	0.03	0.03	24.99	ppb
Molybdenum	95-1	0.01	0.01	0.01	0.01	11.36	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	75.04	ppb
Molybdenum	97-1	0.02	0.00	0.02	0.01	72.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.72	1.63	1.65	1.67	2.89	ppb
Phosphorus	31-2	559.45	567.26	611.35	579.35	4.83	ppb
Potassium	39-2	553.17	581.51	572.00	568.89	2.54	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.27	2.11	-2.21	1.39	236.75	ppb
Selenium	78-2	0.10	0.10	-0.24	-0.01		ppb
Selenium	82-1	0.31	0.66	0.91	0.63	47.99	ppb
Silicon	28-1	740.68	739.61	727.10	735.80	1.03	ppb
Silver	109-1	0.01	0.02	0.02	0.02	26.11	ppb
Silver	107-1	0.01	0.04	0.02	0.02	64.42	ppb
Sodium	23-2	10376.10	10163.41	10288.32	10275.94	1.04	ppb
Strontium	86-1	18.83	18.28	18.64	18.58	1.51	ppb
Strontium	88-1	18.93	19.32	19.11	19.12	1.02	ppb
Sulfur	34-1	-441.68	-382.45	-273.28	-365.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	80.98	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	65.60	ppb
Tin	118-1	-0.16	-0.20	-0.17	-0.18		ppb
Titanium	47-1	0.23	0.36	0.32	0.30	22.13	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	26.17	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	105.82	105.35	105.06	105.41	0.37	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	6.30	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-03	Instrumnet Name :	P8
Client Sample ID :	DC14266-03-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:47:29	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.01	0.03	0.02	57.55	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-04 Instrumnet Name : P8
 Client Sample ID : DC14266-04-FL1-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:50:37 DataFile Name : 037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.97	10.86	15.34	12.39	20.62	ppb
Antimony	121-1	0.05	0.08	0.06	0.06	23.16	ppb
Arsenic	75-2	0.22	0.27	0.14	0.21	29.60	ppb
Barium	135-1	18.77	17.90	18.04	18.24	2.57	ppb
Barium	137-1	18.38	17.87	17.50	17.92	2.46	ppb
Beryllium	9-1	0.06	-0.01	0.04	0.03	116.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.02	8.58	8.21	8.27	3.41	ppb
Boron	10-1	9.69	7.43	8.25	8.46	13.51	ppb
Cadmium	106-1	-0.89	-0.72	-0.37	-0.66		ppb
Cadmium	108-1	-0.01	-0.04	0.05	0.00	3580.27	ppb
Cadmium	111-1	-0.07	-0.05	-0.03	-0.05		ppb
Calcium	43-1	5441.75	5427.13	5363.45	5410.77	0.77	ppb
Calcium	44-1	5715.18	5612.83	5598.29	5642.10	1.13	ppb
Chromium	52-2	0.16	0.09	0.10	0.12	33.33	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	407.46	ppb
Copper	63-2	182.96	182.94	177.93	181.28	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.91	19.81	19.99	19.90	0.43	ppb
Iron	57-2	21.57	21.17	18.14	20.29	9.25	ppb
Lead	206-1	0.20	0.21	0.20	0.20	3.48	ppb
Lead	207-1	0.23	0.18	0.19	0.20	13.14	ppb
Lead	208-1	0.23	0.20	0.21	0.21	6.51	ppb
Lithium	6-1						%
Magnesium	24-2	1302.60	1288.54	1236.80	1275.98	2.72	ppb
Manganese	55-2	10.65	10.61	9.94	10.40	3.81	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-04	Instrumnet Name :	P8
Client Sample ID :	DC14266-04-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:50:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.04	0.01	0.02	0.02	54.18	ppb
Molybdenum	94-1	0.02	0.01	0.03	0.02	39.66	ppb
Molybdenum	95-1	0.03	0.01	0.02	0.02	63.97	ppb
Molybdenum	96-1	0.02	0.02	0.00	0.01	59.29	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	76.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.20	0.26	0.23	0.23	13.24	ppb
Phosphorus	31-2	627.86	756.39	624.25	669.50	11.24	ppb
Potassium	39-2	543.74	570.28	513.49	542.50	5.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.05	-2.21	-1.49		ppb
Selenium	78-2	-0.91	-0.24	0.11	-0.35		ppb
Selenium	82-1	-0.27	1.53	-0.19	0.36	285.68	ppb
Silicon	28-1	703.60	717.36	723.19	714.72	1.41	ppb
Silver	109-1	0.02	0.02	0.01	0.02	30.91	ppb
Silver	107-1	0.01	0.01	0.00	0.01	58.30	ppb
Sodium	23-2	10370.63	10420.44	10221.92	10337.66	1.00	ppb
Strontium	86-1	18.71	18.97	18.69	18.79	0.83	ppb
Strontium	88-1	19.04	19.11	18.79	18.98	0.87	ppb
Sulfur	34-1	-411.46	-412.54	-436.25	-420.08		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	39.76	ppb
Thallium	205-1	0.00	0.01	0.00	0.01	47.73	ppb
Tin	118-1	-0.22	-0.23	-0.25	-0.23		ppb
Titanium	47-1	0.27	0.23	0.32	0.27	17.48	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.03	0.05	0.04	33.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	5.36	5.47	5.47	5.43	1.09	ppb
Zirconium	90-1	0.03	0.04	0.03	0.03	11.38	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-04	Instrumnet Name :	P8
Client Sample ID :	DC14266-04-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:50:37	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.02	0.02	26.81	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-05 Instrumnet Name : P8
 Client Sample ID : DC14266-05-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:53:45 DataFile Name : 038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.13	3.80	-0.37	2.19	102.22	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	14.80	ppb
Arsenic	75-2	0.09	0.03	0.04	0.05	51.96	ppb
Barium	135-1	1.31	1.59	1.60	1.50	11.18	ppb
Barium	137-1	1.58	1.59	1.55	1.57	1.34	ppb
Beryllium	9-1	0.03	0.01	0.01	0.01	73.46	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.50	5.33	5.94	5.59	5.64	ppb
Boron	10-1	6.76	4.88	4.97	5.54	19.18	ppb
Cadmium	106-1	-0.78	-0.89	-1.17	-0.95		ppb
Cadmium	108-1	0.02	0.05	0.02	0.03	58.46	ppb
Cadmium	111-1	-0.06	-0.07	-0.09	-0.08		ppb
Calcium	43-1	4547.22	4223.27	4485.23	4418.57	3.89	ppb
Calcium	44-1	4527.93	4559.12	4633.02	4573.36	1.18	ppb
Chromium	52-2	0.24	0.27	0.18	0.23	20.15	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.10	0.09	0.14	0.11	21.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	2.09	1.70	1.77	1.85	11.44	ppb
Iron	57-2	1.42	2.54	1.76	1.91	30.26	ppb
Lead	206-1	0.02	0.00	0.02	0.01	78.12	ppb
Lead	207-1	0.03	0.01	0.02	0.02	54.03	ppb
Lead	208-1	0.03	0.02	0.03	0.03	29.58	ppb
Lithium	6-1						%
Magnesium	24-2	899.54	900.25	900.59	900.12	0.06	ppb
Manganese	55-2	1.42	1.38	1.45	1.42	2.44	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-05	Instrumnet Name :	P8
Client Sample ID :	DC14266-05-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:53:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.25	0.20	0.22	0.22	11.85	ppb
Molybdenum	94-1	0.05	0.07	0.08	0.07	18.18	ppb
Molybdenum	95-1	0.20	0.21	0.22	0.21	4.22	ppb
Molybdenum	96-1	0.18	0.18	0.18	0.18	1.32	ppb
Molybdenum	97-1	0.21	0.22	0.24	0.22	7.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.14	0.13	0.15	0.14	9.69	ppb
Phosphorus	31-2	-4.95	11.58	-5.01	0.54	1773.08	ppb
Potassium	39-2	544.23	546.95	589.49	560.22	4.53	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	2.10	-2.21	-0.77		ppb
Selenium	78-2	-0.91	0.09	0.74	-0.02		ppb
Selenium	82-1	0.03	0.99	1.93	0.98	96.88	ppb
Silicon	28-1	4344.38	4285.00	4322.39	4317.26	0.70	ppb
Silver	109-1	0.01	0.01	0.01	0.01	20.22	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.62	ppb
Sodium	23-2	2900.25	2867.96	2853.44	2873.88	0.83	ppb
Strontium	86-1	31.13	30.89	31.11	31.04	0.42	ppb
Strontium	88-1	31.62	31.55	31.85	31.67	0.50	ppb
Sulfur	34-1	-1698.97	-1927.24	-1678.09	-1768.10		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	34.38	ppb
Thallium	205-1	0.00	0.00	0.01	0.00	178.66	ppb
Tin	118-1	-0.24	-0.21	-0.23	-0.23		ppb
Titanium	47-1	0.13	0.05	0.05	0.08	62.46	ppb
Uranium	238-1	0.27	0.26	0.23	0.26	7.87	ppb
Vanadium	51-2	0.08	0.09	0.11	0.10	16.86	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.36	0.34	0.20	0.30	29.26	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-05	Instrumnet Name :	P8
Client Sample ID :	DC14266-05-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:53:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.00	0.00	0.00	21962.84	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-06 Instrumnet Name : P8
 Client Sample ID : DC14266-06-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:56:54 DataFile Name : 039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	3.43	3.20	2.80	32.15	ppb
Antimony	121-1	0.00	0.01	0.00	0.00	20.15	ppb
Arsenic	75-2	0.05	0.05	0.05	0.05	7.57	ppb
Barium	135-1	1.60	1.67	1.57	1.61	3.12	ppb
Barium	137-1	1.44	1.57	1.44	1.48	5.05	ppb
Beryllium	9-1	0.01	0.02	-0.01	0.01	184.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.58	5.28	5.32	5.39	3.04	ppb
Boron	10-1	4.92	5.03	5.40	5.12	4.95	ppb
Cadmium	106-1	-0.95	-1.97	-1.52	-1.48		ppb
Cadmium	108-1	0.02	-0.01	0.02	0.01	156.77	ppb
Cadmium	111-1	-0.07	-0.14	-0.11	-0.11		ppb
Calcium	43-1	4285.94	4401.78	4350.70	4346.14	1.34	ppb
Calcium	44-1	4465.08	4554.18	4592.60	4537.29	1.44	ppb
Chromium	52-2	0.30	0.22	0.32	0.28	18.82	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.17	0.20	0.19	0.19	8.28	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.46	1.84	1.51	1.60	12.90	ppb
Iron	57-2	3.01	1.50	-0.08	1.47	104.56	ppb
Lead	206-1	0.01	0.02	0.03	0.02	47.06	ppb
Lead	207-1	0.02	0.00	0.00	0.01	131.62	ppb
Lead	208-1	0.02	0.01	0.01	0.01	47.59	ppb
Lithium	6-1						%
Magnesium	24-2	880.06	923.04	856.97	886.69	3.78	ppb
Manganese	55-2	1.33	1.40	1.33	1.35	3.21	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-06	Instrumnet Name :	P8
Client Sample ID :	DC14266-06-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:56:54	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.26	0.23	0.25	0.25	5.86	ppb
Molybdenum	94-1	0.08	0.08	0.07	0.08	6.18	ppb
Molybdenum	95-1	0.24	0.24	0.23	0.24	1.65	ppb
Molybdenum	96-1	0.21	0.16	0.20	0.19	15.72	ppb
Molybdenum	97-1	0.22	0.32	0.21	0.25	24.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.07	0.10	0.10	21.54	ppb
Phosphorus	31-2	20.26	-4.50	-4.85	3.64	395.60	ppb
Potassium	39-2	534.93	571.84	555.08	553.95	3.34	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.05	0.09	-0.02	0.01	885.70	ppb
Selenium	78-2	0.10	-0.20	0.45	0.12	277.52	ppb
Selenium	82-1	1.40	1.78	-0.33	0.95	118.90	ppb
Silicon	28-1	4170.57	4393.23	4155.39	4239.73	3.14	ppb
Silver	109-1	0.00	0.01	0.00	0.00	33.06	ppb
Silver	107-1	0.01	0.01	0.01	0.01	34.57	ppb
Sodium	23-2	2792.87	2942.13	2786.21	2840.40	3.10	ppb
Strontium	86-1	30.40	31.27	30.61	30.76	1.48	ppb
Strontium	88-1	31.18	31.38	30.97	31.18	0.66	ppb
Sulfur	34-1	-2024.80	-1866.55	-2018.27	-1969.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	162.66	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	141.89	ppb
Tin	118-1	-0.23	-0.20	-0.22	-0.22		ppb
Titanium	47-1	0.07	0.12	0.05	0.08	42.84	ppb
Uranium	238-1	0.27	0.27	0.24	0.26	7.22	ppb
Vanadium	51-2	0.10	0.09	0.05	0.08	29.99	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.24	0.26	0.18	0.23	19.27	ppb
Zirconium	90-1	0.01	0.00	-0.01	0.00		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-06	Instrumnet Name :	P8
Client Sample ID :	DC14266-06-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:56:54	DataFile Name :	039SMPL.d

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

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-07 Instrumnet Name : P8
 Client Sample ID : DC14266-08-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:00:02 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.24	7.20	5.89	6.11	16.34	ppb
Antimony	121-1	0.50	0.54	0.56	0.53	5.22	ppb
Arsenic	75-2	0.36	0.23	0.23	0.28	26.26	ppb
Barium	135-1	21.44	20.99	21.96	21.46	2.26	ppb
Barium	137-1	21.65	21.47	21.27	21.46	0.89	ppb
Beryllium	9-1	0.04	0.05	0.04	0.04	19.69	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.07	7.27	6.90	7.08	2.57	ppb
Boron	10-1	5.42	7.03	6.06	6.17	13.18	ppb
Cadmium	106-1	-0.49	-0.63	-0.40	-0.51		ppb
Cadmium	108-1	0.41	0.54	0.51	0.49	14.49	ppb
Cadmium	111-1	-0.03	-0.05	-0.04	-0.04		ppb
Calcium	43-1	5689.42	5699.18	5664.54	5684.38	0.31	ppb
Calcium	44-1	5854.92	5856.41	5876.73	5862.69	0.21	ppb
Chromium	52-2	0.12	0.11	0.05	0.09	39.16	ppb
Cobalt	59-2	0.03	0.03	0.03	0.03	16.62	ppb
Copper	63-2	343.90	339.01	344.09	342.34	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	13.76	14.68	13.50	13.98	4.44	ppb
Iron	57-2	13.39	12.96	14.63	13.66	6.36	ppb
Lead	206-1	2.13	1.98	2.05	2.05	3.71	ppb
Lead	207-1	1.90	1.94	1.91	1.92	0.99	ppb
Lead	208-1	2.01	1.95	1.96	1.97	1.62	ppb
Lithium	6-1						%
Magnesium	24-2	1341.14	1322.66	1299.88	1321.23	1.56	ppb
Manganese	55-2	12.99	11.89	12.41	12.43	4.43	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-07 Instrumnet Name : P8
 Client Sample ID : DC14266-08-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:00:02 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.02	0.00	0.02	75.32	ppb
Molybdenum	94-1	0.02	0.02	0.01	0.02	40.43	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	47.19	ppb
Molybdenum	96-1	0.02	0.00	0.02	0.01	108.83	ppb
Molybdenum	97-1	0.01	0.01	0.02	0.01	14.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	3.01	2.94	2.95	2.97	1.19	ppb
Phosphorus	31-2	403.87	348.81	484.50	412.39	16.55	ppb
Potassium	39-2	662.91	669.00	668.05	666.65	0.49	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	0.44	0.10	0.11	0.22	89.64	ppb
Selenium	82-1	-0.28	-0.23	-0.30	-0.27		ppb
Silicon	28-1	727.08	734.07	733.02	731.39	0.52	ppb
Silver	109-1	0.03	0.02	0.04	0.03	28.97	ppb
Silver	107-1	0.04	0.02	0.04	0.03	33.10	ppb
Sodium	23-2	10364.15	10434.60	10093.65	10297.46	1.75	ppb
Strontium	86-1	19.61	20.10	19.29	19.67	2.07	ppb
Strontium	88-1	19.99	20.23	19.95	20.06	0.76	ppb
Sulfur	34-1	-1514.38	-1303.13	-1310.53	-1376.02		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	62.29	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	11.73	ppb
Tin	118-1	-0.23	-0.20	-0.22	-0.22		ppb
Titanium	47-1	0.35	0.24	0.18	0.26	34.48	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.00	0.01	0.01	104.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1594.93	1570.75	1584.78	1583.49	0.77	ppb
Zirconium	90-1	0.02	0.01	0.02	0.02	22.72	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-07	Instrumnet Name :	P8
Client Sample ID :	DC14266-08-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:00:02	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.01	0.01	0.01	14.26	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-08 Instrumnet Name : P8
 Client Sample ID : DC14266-09-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:03:10 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.07	8.01	10.81	11.30	31.44	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	14.79	ppb
Arsenic	75-2	0.20	0.23	0.22	0.21	6.66	ppb
Barium	135-1	18.37	18.26	17.84	18.15	1.53	ppb
Barium	137-1	18.40	18.05	17.68	18.04	2.00	ppb
Beryllium	9-1	0.03	0.03	0.01	0.02	30.31	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.21	6.78	6.88	6.96	3.29	ppb
Boron	10-1	6.82	6.32	5.22	6.12	13.32	ppb
Cadmium	106-1	0.04	-0.69	-0.45	-0.37		ppb
Cadmium	108-1	0.06	0.02	0.09	0.06	58.61	ppb
Cadmium	111-1	0.00	-0.06	-0.05	-0.04		ppb
Calcium	43-1	5483.67	5492.88	5416.69	5464.41	0.76	ppb
Calcium	44-1	5637.80	5663.69	5699.45	5666.98	0.55	ppb
Chromium	52-2	0.17	0.18	0.10	0.15	30.44	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	96.31	ppb
Copper	63-2	207.12	196.58	196.98	200.23	2.98	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	21.76	24.26	20.07	22.03	9.56	ppb
Iron	57-2	23.43	20.29	24.54	22.75	9.70	ppb
Lead	206-1	0.31	0.30	0.29	0.30	3.00	ppb
Lead	207-1	0.26	0.28	0.29	0.27	5.78	ppb
Lead	208-1	0.28	0.29	0.28	0.29	2.12	ppb
Lithium	6-1						%
Magnesium	24-2	1349.84	1269.18	1266.01	1295.01	3.67	ppb
Manganese	55-2	12.22	11.91	11.54	11.89	2.86	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-08 Instrumnet Name : P8
 Client Sample ID : DC14266-09-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:03:10 DataFile Name : 041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.01	0.02	31.23	ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	12.48	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	12.30	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	42.96	ppb
Molybdenum	97-1	0.03	0.02	0.01	0.02	48.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.27	0.25	0.34	0.29	16.28	ppb
Phosphorus	31-2	666.71	694.59	761.80	707.70	6.91	ppb
Potassium	39-2	565.60	562.71	545.95	558.09	1.90	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.20	-0.74		ppb
Selenium	78-2	0.49	0.78	-0.57	0.24	301.16	ppb
Selenium	82-1	0.32	0.21	-0.47	0.02	1948.30	ppb
Silicon	28-1	696.44	693.81	668.47	686.24	2.25	ppb
Silver	109-1	0.01	0.01	0.02	0.01	47.16	ppb
Silver	107-1	0.01	0.01	0.01	0.01	9.04	ppb
Sodium	23-2	10754.09	10256.55	10163.84	10391.49	3.05	ppb
Strontium	86-1	18.99	18.95	18.67	18.87	0.92	ppb
Strontium	88-1	19.06	18.99	18.72	18.92	0.94	ppb
Sulfur	34-1	-1129.20	-979.92	-1156.03	-1088.38		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	68.20	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	106.47	ppb
Tin	118-1	-0.23	-0.22	-0.22	-0.23		ppb
Titanium	47-1	0.24	0.27	0.23	0.25	7.67	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.06	0.05	0.05	23.87	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	13.17	12.58	12.54	12.76	2.77	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	17.53	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-08	Instrumnet Name :	P8
Client Sample ID :	DC14266-09-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:03:10	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.03	0.02	55.69	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49261.85	49256.29	49501.77	49339.97	0.28	ppb
Antimony	121-1	513.13	516.50	525.08	518.23	1.19	ppb
Arsenic	75-2	506.70	504.78	501.20	504.23	0.55	ppb
Barium	135-1	2577.33	2571.32	2595.59	2581.41	0.49	ppb
Barium	137-1	2585.10	2566.90	2596.29	2582.77	0.57	ppb
Beryllium	9-1	552.41	548.90	559.50	553.60	0.98	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	555.00	576.03	575.37	568.80	2.10	ppb
Boron	10-1	551.26	562.70	581.46	565.14	2.70	ppb
Cadmium	106-1	496.04	503.88	512.97	504.29	1.68	ppb
Cadmium	108-1	508.51	502.67	508.47	506.55	0.66	ppb
Cadmium	111-1	492.99	489.43	495.72	492.71	0.64	ppb
Calcium	43-1	244846.66	243774.36	242862.45	243827.82	0.41	ppb
Calcium	44-1	240392.35	243279.92	243983.19	242551.82	0.78	ppb
Chromium	52-2	499.11	504.24	500.11	501.16	0.54	ppb
Cobalt	59-2	492.24	495.71	492.75	493.56	0.38	ppb
Copper	63-2	963.26	978.35	961.53	967.71	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	121670.85	122519.28	122628.31	122272.81	0.43	ppb
Iron	57-2	123766.44	126110.53	125588.43	125155.13	0.98	ppb
Lead	206-1	507.24	500.97	510.63	506.28	0.97	ppb
Lead	207-1	493.00	489.60	491.95	491.52	0.35	ppb
Lead	208-1	510.15	506.39	511.92	509.49	0.55	ppb
Lithium	6-1						%
Magnesium	24-2	247131.25	249625.10	250563.06	249106.47	0.71	ppb
Manganese	55-2	991.30	1010.37	1002.41	1001.36	0.96	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	509.90	504.82	506.85	507.19	0.50	ppb
Molybdenum	94-1	498.98	497.31	523.85	506.71	2.93	ppb
Molybdenum	95-1	514.10	503.92	510.30	509.44	1.01	ppb
Molybdenum	96-1	504.17	505.60	522.87	510.88	2.04	ppb
Molybdenum	97-1	494.75	487.70	498.95	493.80	1.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.79	489.95	484.33	485.36	0.86	ppb
Phosphorus	31-2	10217.63	9641.79	9919.69	9926.37	2.90	ppb
Potassium	39-2	124085.55	125798.07	124524.84	124802.82	0.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	544.96	551.58	520.27	538.94	3.06	ppb
Selenium	78-2	529.86	494.47	514.54	512.96	3.46	ppb
Selenium	82-1	496.23	490.55	504.73	497.17	1.44	ppb
Silicon	28-1	487.63	492.11	496.04	491.93	0.86	ppb
Silver	109-1	516.03	502.29	511.12	509.81	1.37	ppb
Silver	107-1	509.12	502.39	518.11	509.87	1.55	ppb
Sodium	23-2	248088.84	251015.54	248687.44	249263.94	0.62	ppb
Strontium	86-1	509.37	502.42	518.28	510.02	1.56	ppb
Strontium	88-1	516.34	514.37	534.65	521.79	2.14	ppb
Sulfur	34-1	10943.51	11085.75	10986.85	11005.37	0.66	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	521.46	510.57	523.03	518.36	1.31	ppb
Thallium	205-1	517.40	517.06	517.51	517.32	0.05	ppb
Tin	118-1	515.46	516.73	522.67	518.29	0.74	ppb
Titanium	47-1	495.64	495.09	500.63	497.12	0.61	ppb
Uranium	238-1	507.45	506.10	512.43	508.66	0.66	ppb
Vanadium	51-2	503.50	509.57	506.19	506.42	0.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	952.31	971.62	964.06	962.66	1.01	ppb
Zirconium	90-1	505.07	499.36	512.85	505.76	1.34	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	506.33	512.13	516.18	511.55	0.97	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:09:19	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.03	0.38	-1.70	-0.78		ppb
Antimony	121-1	0.05	0.05	0.04	0.05	9.27	ppb
Arsenic	75-2	-0.05	0.01	0.01	-0.01		ppb
Barium	135-1	0.00	-0.02	-0.01	-0.01		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	0.06	0.04	0.01	0.04	67.35	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.53	9.61	9.69	9.94	5.12	ppb
Boron	10-1	10.52	10.88	8.73	10.04	11.47	ppb
Cadmium	106-1	-0.33	-0.82	-0.36	-0.51		ppb
Cadmium	108-1	0.08	-0.01	0.12	0.06	104.08	ppb
Cadmium	111-1	-0.04	-0.07	-0.04	-0.05		ppb
Calcium	43-1	8.60	-7.97	-17.37	-5.58		ppb
Calcium	44-1	0.08	4.59	-2.62	0.68	534.36	ppb
Chromium	52-2	-0.01	0.04	0.04	0.02	122.46	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.01	0.01	0.00	0.00	236.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.43	0.69	0.91	0.68	35.00	ppb
Iron	57-2	-0.85	1.28	2.34	0.93	175.87	ppb
Lead	206-1	0.10	0.09	0.07	0.09	15.50	ppb
Lead	207-1	0.12	0.07	0.10	0.10	29.61	ppb
Lead	208-1	0.11	0.08	0.08	0.09	16.99	ppb
Lithium	6-1						%
Magnesium	24-2	0.28	0.28	0.52	0.36	39.29	ppb
Manganese	55-2	-0.03	-0.01	0.00	-0.01		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:09:19	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.01	0.01	0.00	109.68	ppb
Molybdenum	95-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.01		ppb
Molybdenum	97-1	-0.01	0.00	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.00	-0.04	-0.01		ppb
Phosphorus	31-2	12.05	-13.27	4.39	1.06	1228.46	ppb
Potassium	39-2	15.38	19.35	35.08	23.27	44.77	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	0.46	-0.57	-0.19	-0.10		ppb
Selenium	82-1	0.36	1.85	1.06	1.09	68.22	ppb
Silicon	28-1	-12.96	-14.13	-16.85	-14.65		ppb
Silver	109-1	0.03	0.02	0.01	0.02	45.73	ppb
Silver	107-1	0.02	0.01	0.02	0.01	43.36	ppb
Sodium	23-2	76.16	77.92	84.75	79.61	5.70	ppb
Strontium	86-1	0.11	-0.06	-0.12	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	110.14	ppb
Sulfur	34-1	-1320.78	-1252.38	-1376.67	-1316.61		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	16.05	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	10.40	ppb
Tin	118-1	-0.06	-0.06	-0.06	-0.06		ppb
Titanium	47-1	-0.07	-0.05	-0.05	-0.06		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	0.00	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.26	0.28	0.20	0.25	16.66	ppb
Zirconium	90-1	0.03	0.02	0.02	0.02	26.75	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:09:19	DataFile Name :	043CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.00	0.02	0.01	108.48	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-09 Instrumnet Name : P8
 Client Sample ID : DC14266-10-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:12:28 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.43	12.81	11.51	10.25	32.88	ppb
Antimony	121-1	1.66	1.71	1.64	1.67	2.34	ppb
Arsenic	75-2	0.27	0.26	0.27	0.26	3.04	ppb
Barium	135-1	19.58	20.53	20.61	20.24	2.82	ppb
Barium	137-1	20.80	20.28	20.69	20.59	1.34	ppb
Beryllium	9-1	0.02	0.03	0.04	0.03	30.41	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.75	8.35	9.46	8.85	6.37	ppb
Boron	10-1	9.11	9.34	9.68	9.38	3.05	ppb
Cadmium	106-1	-0.02	-0.59	0.97	0.12	668.12	ppb
Cadmium	108-1	0.39	0.46	0.62	0.49	24.32	ppb
Cadmium	111-1	-0.01	-0.05	0.05	0.00		ppb
Calcium	43-1	5731.03	5691.26	5582.39	5668.22	1.36	ppb
Calcium	44-1	5854.46	5898.18	5790.21	5847.62	0.93	ppb
Chromium	52-2	0.06	0.03	0.11	0.06	58.78	ppb
Cobalt	59-2	0.03	0.01	0.01	0.02	55.30	ppb
Copper	63-2	318.95	323.25	323.95	322.05	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.05	17.37	17.21	17.55	2.55	ppb
Iron	57-2	16.77	18.05	18.38	17.73	4.79	ppb
Lead	206-1	1.88	1.82	2.00	1.90	4.95	ppb
Lead	207-1	1.85	1.75	1.76	1.79	2.91	ppb
Lead	208-1	1.86	1.84	1.87	1.86	0.70	ppb
Lithium	6-1						%
Magnesium	24-2	1304.43	1313.42	1344.14	1320.66	1.58	ppb
Manganese	55-2	11.43	12.14	12.18	11.92	3.52	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-09 Instrumnet Name : P8
 Client Sample ID : DC14266-10-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:12:28 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.03	0.03	0.03	10.35	ppb
Molybdenum	94-1	0.04	0.05	0.04	0.04	12.87	ppb
Molybdenum	95-1	0.01	0.02	0.01	0.01	60.99	ppb
Molybdenum	96-1	0.04	0.00	0.03	0.02	76.93	ppb
Molybdenum	97-1	0.03	0.05	0.03	0.04	41.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2.98	3.12	3.09	3.06	2.40	ppb
Phosphorus	31-2	533.09	566.55	553.44	551.03	3.06	ppb
Potassium	39-2	579.48	584.09	574.98	579.52	0.79	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.07	2.10	-0.06		ppb
Selenium	78-2	0.74	-0.58	-0.91	-0.25		ppb
Selenium	82-1	1.48	0.63	2.52	1.54	61.55	ppb
Silicon	28-1	730.04	733.70	724.41	729.38	0.64	ppb
Silver	109-1	0.01	0.02	0.02	0.02	46.63	ppb
Silver	107-1	0.01	0.03	0.02	0.02	38.65	ppb
Sodium	23-2	10523.11	10636.54	10665.05	10608.23	0.71	ppb
Strontium	86-1	19.53	19.52	19.45	19.50	0.23	ppb
Strontium	88-1	20.10	19.72	19.94	19.92	0.97	ppb
Sulfur	34-1	-133.47	-193.56	-421.76	-249.60		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.03	0.02	55.24	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	31.34	ppb
Tin	118-1	-0.04	-0.08	-0.08	-0.06		ppb
Titanium	47-1	0.17	2.49	0.24	0.96	136.81	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.02	0.04	0.02	0.02	47.93	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1181.96	1206.41	1208.10	1198.82	1.22	ppb
Zirconium	90-1	0.07	0.06	0.06	0.06	6.94	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-09	Instrumnet Name :	P8
Client Sample ID :	DC14266-10-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:12:28	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.08	0.02	0.04	0.05	57.23	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-10 Instrumnet Name : P8
 Client Sample ID : DC14266-11-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:15:36 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10.33	12.97	11.62	11.64	11.36	ppb
Antimony	121-1	0.08	0.08	0.07	0.08	11.62	ppb
Arsenic	75-2	0.19	0.37	0.17	0.24	44.88	ppb
Barium	135-1	17.66	17.78	17.65	17.70	0.41	ppb
Barium	137-1	17.96	17.95	17.98	17.96	0.09	ppb
Beryllium	9-1	0.01	0.04	0.04	0.03	70.21	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.95	7.64	8.14	7.91	3.19	ppb
Boron	10-1	6.73	7.33	7.43	7.16	5.31	ppb
Cadmium	106-1	-0.14	-0.93	-1.35	-0.81		ppb
Cadmium	108-1	-0.01	0.08	0.12	0.06	104.84	ppb
Cadmium	111-1	-0.02	-0.07	-0.11	-0.07		ppb
Calcium	43-1	5436.32	5448.14	5455.14	5446.53	0.17	ppb
Calcium	44-1	5554.55	5604.53	5678.97	5612.69	1.12	ppb
Chromium	52-2	0.12	0.09	0.14	0.12	20.63	ppb
Cobalt	59-2	0.00	0.01	-0.01	0.00	281.06	ppb
Copper	63-2	186.78	184.83	184.03	185.21	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.42	19.49	19.34	19.75	2.96	ppb
Iron	57-2	22.08	21.76	23.42	22.42	3.91	ppb
Lead	206-1	0.23	0.25	0.23	0.24	3.65	ppb
Lead	207-1	0.17	0.21	0.24	0.21	15.59	ppb
Lead	208-1	0.22	0.24	0.23	0.23	4.57	ppb
Lithium	6-1						%
Magnesium	24-2	1318.87	1267.16	1260.55	1282.19	2.49	ppb
Manganese	55-2	10.89	10.51	11.28	10.89	3.50	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-10 Instrumnet Name : P8
 Client Sample ID : DC14266-11-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:15:36 DataFile Name : 045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.01	0.02	0.02	27.96	ppb
Molybdenum	94-1	0.04	0.05	0.05	0.04	16.24	ppb
Molybdenum	95-1	0.01	0.03	0.01	0.02	77.99	ppb
Molybdenum	96-1	0.03	0.02	0.02	0.02	45.21	ppb
Molybdenum	97-1	0.01	0.02	0.05	0.03	71.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.38	0.27	0.33	0.33	16.69	ppb
Phosphorus	31-2	647.74	606.09	675.71	643.18	5.45	ppb
Potassium	39-2	572.21	566.47	592.67	577.12	2.39	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	4.32	-2.21	-0.03		ppb
Selenium	78-2	0.15	-0.57	1.11	0.23	366.29	ppb
Selenium	82-1	0.22	0.04	0.60	0.28	100.20	ppb
Silicon	28-1	698.33	711.13	717.75	709.07	1.39	ppb
Silver	109-1	0.01	0.01	0.01	0.01	28.77	ppb
Silver	107-1	0.02	0.02	0.01	0.02	32.14	ppb
Sodium	23-2	10680.84	10383.40	10471.75	10512.00	1.45	ppb
Strontium	86-1	19.39	18.93	18.69	19.00	1.88	ppb
Strontium	88-1	19.06	19.32	18.91	19.10	1.07	ppb
Sulfur	34-1	-367.31	-183.60	-62.79	-204.57		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.01	0.01	42.49	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	68.38	ppb
Tin	118-1	-0.24	-0.22	-0.24	-0.23		ppb
Titanium	47-1	0.27	0.30	0.26	0.27	7.39	ppb
Uranium	238-1	0.00	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	25.47	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	11.66	11.84	11.74	11.75	0.74	ppb
Zirconium	90-1	0.05	0.05	0.04	0.05	17.98	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-10	Instrumnet Name :	P8
Client Sample ID :	DC14266-11-FL2-BRC-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:15:36	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.03	0.04	28.71	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-11 Instrumnet Name : P8
 Client Sample ID : DC14266-12-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:18:44 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.16	12.73	23.17	13.69	66.10	ppb
Antimony	121-1	0.16	0.19	0.17	0.18	10.03	ppb
Arsenic	75-2	0.26	0.20	0.12	0.19	37.87	ppb
Barium	135-1	17.17	17.54	17.42	17.38	1.10	ppb
Barium	137-1	17.88	17.85	17.87	17.87	0.09	ppb
Beryllium	9-1	0.03	0.02	0.04	0.03	36.75	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	9.04	9.80	9.96	9.60	5.12	ppb
Boron	10-1	8.31	8.28	9.11	8.57	5.50	ppb
Cadmium	106-1	-0.89	-0.06	-1.48	-0.81		ppb
Cadmium	108-1	0.12	0.09	0.15	0.12	26.19	ppb
Cadmium	111-1	-0.07	0.00	-0.11	-0.06		ppb
Calcium	43-1	5551.10	5537.79	5453.12	5514.01	0.96	ppb
Calcium	44-1	5710.20	5800.75	5701.45	5737.47	0.96	ppb
Chromium	52-2	0.09	0.10	0.21	0.13	47.82	ppb
Cobalt	59-2	0.19	0.21	0.20	0.20	3.62	ppb
Copper	63-2	272.63	271.19	273.94	272.59	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	61.50	58.26	58.38	59.38	3.09	ppb
Iron	57-2	57.07	62.13	57.99	59.06	4.56	ppb
Lead	206-1	1.85	1.92	1.84	1.87	2.22	ppb
Lead	207-1	1.72	1.82	1.73	1.75	3.15	ppb
Lead	208-1	1.77	1.83	1.72	1.77	3.07	ppb
Lithium	6-1						%
Magnesium	24-2	1340.33	1341.07	1360.64	1347.34	0.85	ppb
Manganese	55-2	15.17	15.27	16.17	15.54	3.55	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-11 Instrumnet Name : P8
 Client Sample ID : DC14266-12-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:18:44 DataFile Name : 046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.03	0.03	0.01	0.02	45.44	ppb
Molybdenum	94-1	0.01	0.03	0.04	0.03	43.99	ppb
Molybdenum	95-1	0.03	0.00	0.03	0.02	67.95	ppb
Molybdenum	96-1	0.00	0.00	0.02	0.01	150.48	ppb
Molybdenum	97-1	0.01	0.03	0.03	0.02	42.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.87	2.03	1.96	1.95	4.05	ppb
Phosphorus	31-2	531.29	695.34	706.40	644.34	15.22	ppb
Potassium	39-2	576.18	576.00	585.35	579.18	0.92	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.04	-2.21	2.12	-0.04		ppb
Selenium	78-2	-0.57	-0.57	0.10	-0.35		ppb
Selenium	82-1	0.94	0.46	0.25	0.55	64.67	ppb
Silicon	28-1	744.67	758.35	730.38	744.47	1.88	ppb
Silver	109-1	0.03	0.02	0.03	0.03	15.47	ppb
Silver	107-1	0.01	0.02	0.02	0.02	40.45	ppb
Sodium	23-2	10247.23	10160.46	10199.75	10202.48	0.43	ppb
Strontium	86-1	18.93	18.78	18.09	18.60	2.41	ppb
Strontium	88-1	18.79	18.70	18.49	18.66	0.83	ppb
Sulfur	34-1	-447.00	-180.30	-389.54	-338.95		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	43.81	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	81.11	ppb
Tin	118-1	-0.18	-0.20	-0.20	-0.19		ppb
Titanium	47-1	0.58	0.56	0.46	0.53	11.88	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.05	0.04	0.05	0.04	16.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	161.68	160.84	162.10	161.54	0.40	ppb
Zirconium	90-1	0.02	0.04	0.05	0.04	36.84	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-11	Instrumnet Name :	P8
Client Sample ID :	DC14266-12-FL2-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:18:44	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.05	0.05	0.02	0.04	43.30	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-12 Instrumnet Name : P8
 Client Sample ID : DC14266-13-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:21:52 DataFile Name : 047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	11.44	8.66	7.93	9.34	19.86	ppb
Antimony	121-1	0.07	0.09	0.09	0.08	13.98	ppb
Arsenic	75-2	0.25	0.28	0.30	0.28	9.94	ppb
Barium	135-1	17.67	17.55	16.78	17.33	2.80	ppb
Barium	137-1	17.73	17.43	17.14	17.43	1.68	ppb
Beryllium	9-1	0.00	0.01	0.02	0.01	106.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.08	7.06	6.89	7.01	1.45	ppb
Boron	10-1	7.04	6.65	6.54	6.74	3.89	ppb
Cadmium	106-1	-1.83	-0.80	-0.55	-1.06		ppb
Cadmium	108-1	-0.04	0.15	0.02	0.04	222.48	ppb
Cadmium	111-1	-0.14	-0.06	-0.03	-0.08		ppb
Calcium	43-1	5450.00	5392.61	5490.41	5444.34	0.90	ppb
Calcium	44-1	5735.41	5608.91	5655.91	5666.74	1.13	ppb
Chromium	52-2	0.10	0.18	0.12	0.13	31.14	ppb
Cobalt	59-2	0.00	0.01	0.01	0.01	58.13	ppb
Copper	63-2	244.74	245.05	242.95	244.25	0.46	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.61	17.88	18.27	18.92	7.80	ppb
Iron	57-2	19.23	22.27	19.33	20.28	8.52	ppb
Lead	206-1	0.37	0.35	0.32	0.35	8.26	ppb
Lead	207-1	0.28	0.25	0.25	0.26	5.35	ppb
Lead	208-1	0.30	0.28	0.30	0.29	3.35	ppb
Lithium	6-1						%
Magnesium	24-2	1277.09	1281.26	1275.20	1277.85	0.24	ppb
Manganese	55-2	10.59	10.56	10.35	10.50	1.22	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-12	Instrumnet Name :	P8
Client Sample ID :	DC14266-13-FL2-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:21:52	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.02	0.02	0.02	30.63	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.03	33.91	ppb
Molybdenum	95-1	0.03	0.03	0.03	0.03	8.37	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	24.27	ppb
Molybdenum	97-1	0.01	0.04	0.02	0.02	78.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.81	0.67	0.73	0.74	9.63	ppb
Phosphorus	31-2	725.04	699.36	788.00	737.47	6.18	ppb
Potassium	39-2	561.20	522.36	537.83	540.47	3.62	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	-0.57	-0.57	0.44	-0.24		ppb
Selenium	82-1	1.22	1.15	0.26	0.88	60.86	ppb
Silicon	28-1	693.90	697.20	693.52	694.88	0.29	ppb
Silver	109-1	0.02	0.02	0.02	0.02	20.40	ppb
Silver	107-1	0.02	0.01	0.02	0.02	47.30	ppb
Sodium	23-2	10240.76	10383.27	10060.86	10228.29	1.58	ppb
Strontium	86-1	18.62	18.59	18.80	18.67	0.60	ppb
Strontium	88-1	18.95	18.50	18.85	18.76	1.27	ppb
Sulfur	34-1	-275.29	-460.14	-473.23	-402.89		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.00	0.01	0.00	95.21	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.43	ppb
Tin	118-1	-0.24	-0.22	-0.22	-0.23		ppb
Titanium	47-1	0.21	0.18	0.27	0.22	21.61	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.04	0.04	0.04	22.89	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	20.31	20.30	19.53	20.05	2.23	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	24.84	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-12	Instrumnet Name :	P8
Client Sample ID :	DC14266-13-FL2-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:21:52	DataFile Name :	047SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.02	0.02	0.03	0.02	23.78	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-13 Instrumnet Name : P8
 Client Sample ID : DC14266-14-FL3-CLDR- Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:25:01 DataFile Name : 048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.77	5.94	1.79	3.17	75.92	ppb
Antimony	121-1	0.02	0.02	0.01	0.02	20.42	ppb
Arsenic	75-2	0.08	-0.01	0.09	0.05	102.61	ppb
Barium	135-1	1.73	1.49	1.48	1.57	9.11	ppb
Barium	137-1	1.55	1.45	1.50	1.50	3.37	ppb
Beryllium	9-1	0.05	0.00	0.01	0.02	160.26	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.51	4.85	5.09	4.82	6.11	ppb
Boron	10-1	4.29	3.54	4.57	4.14	12.88	ppb
Cadmium	106-1	-0.38	-0.30	-0.34	-0.34		ppb
Cadmium	108-1	-0.01	0.09	-0.01	0.02	249.38	ppb
Cadmium	111-1	-0.04	-0.03	-0.04	-0.04		ppb
Calcium	43-1	3953.24	3928.61	3925.19	3935.68	0.39	ppb
Calcium	44-1	4033.15	4149.35	4154.48	4112.32	1.67	ppb
Chromium	52-2	0.19	0.27	0.19	0.22	18.80	ppb
Cobalt	59-2	0.00	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.06	0.08	0.11	0.08	29.06	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	1.23	1.15	1.37	1.25	9.17	ppb
Iron	57-2	0.29	3.36	3.03	2.23	75.62	ppb
Lead	206-1	0.00	0.01	0.02	0.01	63.56	ppb
Lead	207-1	-0.01	-0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	0.00	0.00		ppb
Lithium	6-1						%
Magnesium	24-2	790.62	781.78	782.97	785.12	0.61	ppb
Manganese	55-2	0.41	0.37	0.30	0.36	16.24	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-13	Instrumnet Name :	P8
Client Sample ID :	DC14266-14-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:25:01	DataFile Name :	048SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.30	0.27	0.29	0.29	5.25	ppb
Molybdenum	94-1	0.10	0.11	0.08	0.09	15.17	ppb
Molybdenum	95-1	0.30	0.29	0.28	0.29	4.45	ppb
Molybdenum	96-1	0.24	0.22	0.25	0.24	5.27	ppb
Molybdenum	97-1	0.24	0.31	0.26	0.27	13.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.06	0.03	0.06	0.05	28.22	ppb
Phosphorus	31-2	3.50	11.77	20.41	11.89	71.10	ppb
Potassium	39-2	546.94	513.47	485.00	515.14	6.02	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.03	2.14	-0.03		ppb
Selenium	78-2	0.10	-0.24	-0.24	-0.12		ppb
Selenium	82-1	0.59	-0.19	0.92	0.44	130.60	ppb
Silicon	28-1	4467.24	4477.60	4497.33	4480.72	0.34	ppb
Silver	109-1	0.00	0.00	0.01	0.00	173.86	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.52	ppb
Sodium	23-2	2629.80	2607.05	2626.51	2621.12	0.47	ppb
Strontium	86-1	28.37	28.88	27.39	28.21	2.69	ppb
Strontium	88-1	28.89	28.79	28.44	28.71	0.82	ppb
Sulfur	34-1	-1859.72	-1813.87	-1849.17	-1840.92		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.00	189.27	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	121.82	ppb
Tin	118-1	-0.24	-0.26	-0.19	-0.23		ppb
Titanium	47-1	0.04	0.16	0.12	0.11	57.92	ppb
Uranium	238-1	0.27	0.29	0.29	0.28	5.43	ppb
Vanadium	51-2	0.11	0.09	0.09	0.10	8.95	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.78	0.93	0.72	0.81	13.18	ppb
Zirconium	90-1	0.01	0.01	0.01	0.01	22.87	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-13	Instrumnet Name :	P8
Client Sample ID :	DC14266-14-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:25:01	DataFile Name :	048SMPL.d

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

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-14 Instrumnet Name : P8
 Client Sample ID : DC14266-15-FL3-CLDR- Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:28:09 DataFile Name : 049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.39	1.78	3.85	2.01	86.84	ppb
Antimony	121-1	0.01	0.01	0.00	0.00	97.72	ppb
Arsenic	75-2	0.01	0.03	0.03	0.02	44.86	ppb
Barium	135-1	1.61	1.37	1.59	1.52	8.97	ppb
Barium	137-1	1.61	1.45	1.38	1.48	7.80	ppb
Beryllium	9-1	0.04	0.03	0.00	0.02	76.03	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	4.32	3.94	4.29	4.18	4.99	ppb
Boron	10-1	3.87	5.33	4.27	4.49	16.84	ppb
Cadmium	106-1	-1.57	-0.77	-0.94	-1.09		ppb
Cadmium	108-1	-0.01	-0.01	-0.04	-0.02		ppb
Cadmium	111-1	-0.12	-0.06	-0.07	-0.08		ppb
Calcium	43-1	3835.71	3906.65	3908.61	3883.66	1.07	ppb
Calcium	44-1	3923.35	4009.54	4047.24	3993.38	1.59	ppb
Chromium	52-2	0.18	0.19	0.22	0.20	9.31	ppb
Cobalt	59-2	-0.01	0.00	-0.01	0.00		ppb
Copper	63-2	0.11	0.11	0.13	0.11	11.19	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.98	1.03	0.86	0.96	8.93	ppb
Iron	57-2	0.71	2.63	0.47	1.27	93.08	ppb
Lead	206-1	-0.03	-0.02	-0.02	-0.02		ppb
Lead	207-1	-0.03	-0.02	0.00	-0.02		ppb
Lead	208-1	-0.02	-0.01	-0.01	-0.01		ppb
Lithium	6-1						%
Magnesium	24-2	787.57	760.30	777.14	775.00	1.78	ppb
Manganese	55-2	0.28	0.38	0.20	0.29	32.81	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-14	Instrumnet Name :	P8
Client Sample ID :	DC14266-15-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:28:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.28	0.32	0.32	0.31	7.64	ppb
Molybdenum	94-1	0.10	0.11	0.09	0.10	7.22	ppb
Molybdenum	95-1	0.28	0.30	0.29	0.29	3.53	ppb
Molybdenum	96-1	0.21	0.24	0.24	0.23	7.13	ppb
Molybdenum	97-1	0.31	0.32	0.27	0.30	8.95	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.02	0.03	0.03	26.23	ppb
Phosphorus	31-2	28.97	37.15	11.78	25.97	49.85	ppb
Potassium	39-2	534.69	559.71	531.83	542.08	2.83	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-0.01	-1.48		ppb
Selenium	78-2	-0.56	0.11	-0.23	-0.23		ppb
Selenium	82-1	0.22	0.89	-0.98	0.04	2241.01	ppb
Silicon	28-1	4408.62	4470.39	4451.90	4443.63	0.71	ppb
Silver	109-1	0.00	0.01	0.01	0.01	41.69	ppb
Silver	107-1	0.00	0.00	0.01	0.00	63.39	ppb
Sodium	23-2	2664.48	2620.42	2618.96	2634.62	0.98	ppb
Strontium	86-1	28.96	28.45	28.98	28.80	1.04	ppb
Strontium	88-1	29.03	28.78	28.81	28.87	0.47	ppb
Sulfur	34-1	-2357.82	-2268.58	-2121.44	-2249.28		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.00	0.00	139.75	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	115.83	ppb
Tin	118-1	-0.24	-0.24	-0.23	-0.24		ppb
Titanium	47-1	0.05	0.13	0.07	0.08	47.62	ppb
Uranium	238-1	0.31	0.28	0.29	0.29	3.96	ppb
Vanadium	51-2	0.08	0.09	0.10	0.09	14.75	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.08	0.07	-0.02	0.04	133.50	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	41.90	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-14	Instrumnet Name :	P8
Client Sample ID :	DC14266-15-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:28:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	40.41	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-15 Instrumnet Name : P8
 Client Sample ID : DC14266-16-FL3-BRC1-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:31:18 DataFile Name : 050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.55	8.70	16.84	10.70	50.76	ppb
Antimony	121-1	0.11	0.11	0.11	0.11	0.94	ppb
Arsenic	75-2	0.26	0.19	0.19	0.21	20.11	ppb
Barium	135-1	17.52	17.92	17.72	17.72	1.11	ppb
Barium	137-1	17.57	17.72	17.76	17.68	0.57	ppb
Beryllium	9-1	0.00	0.03	0.03	0.02	70.76	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.38	6.95	7.76	7.36	5.50	ppb
Boron	10-1	6.03	7.40	6.94	6.79	10.27	ppb
Cadmium	106-1	-1.42	-0.74	-0.30	-0.82		ppb
Cadmium	108-1	0.41	0.06	0.16	0.21	88.05	ppb
Cadmium	111-1	-0.11	-0.04	-0.01	-0.05		ppb
Calcium	43-1	5483.35	5595.48	5382.83	5487.22	1.94	ppb
Calcium	44-1	5644.64	5765.73	5635.99	5682.12	1.28	ppb
Chromium	52-2	0.03	0.13	0.16	0.11	60.77	ppb
Cobalt	59-2	0.12	0.11	0.10	0.11	7.54	ppb
Copper	63-2	245.43	242.51	240.87	242.94	0.95	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	33.60	32.37	34.23	33.40	2.84	ppb
Iron	57-2	38.04	29.89	31.79	33.24	12.82	ppb
Lead	206-1	1.45	1.50	1.47	1.48	1.85	ppb
Lead	207-1	1.38	1.35	1.39	1.37	1.51	ppb
Lead	208-1	1.39	1.43	1.42	1.41	1.32	ppb
Lithium	6-1						%
Magnesium	24-2	1298.86	1290.79	1331.61	1307.09	1.65	ppb
Manganese	55-2	13.13	13.21	13.26	13.20	0.48	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-15	Instrumnet Name :	P8
Client Sample ID :	DC14266-16-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:31:18	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.01	0.01	0.01	26.56	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	10.05	ppb
Molybdenum	95-1	0.01	0.02	0.02	0.02	7.66	ppb
Molybdenum	96-1	0.00	0.02	0.01	0.01	137.77	ppb
Molybdenum	97-1	0.00	0.03	0.05	0.02	107.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.73	1.68	1.66	1.69	1.98	ppb
Phosphorus	31-2	622.69	669.17	686.17	659.34	4.98	ppb
Potassium	39-2	569.95	570.48	573.82	571.42	0.37	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.04	-2.21	-1.49		ppb
Selenium	78-2	0.45	-0.24	0.10	0.10	332.38	ppb
Selenium	82-1	0.57	2.40	0.54	1.17	91.40	ppb
Silicon	28-1	708.65	712.80	709.50	710.32	0.31	ppb
Silver	109-1	0.01	0.03	0.01	0.02	51.25	ppb
Silver	107-1	0.02	0.01	0.02	0.02	16.65	ppb
Sodium	23-2	10076.67	10263.37	10081.12	10140.38	1.05	ppb
Strontium	86-1	18.43	18.18	18.47	18.36	0.86	ppb
Strontium	88-1	18.94	18.87	18.92	18.91	0.19	ppb
Sulfur	34-1	-1750.22	-1492.82	-1650.66	-1631.23		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.01	0.00	0.01	59.17	ppb
Thallium	205-1	0.01	0.00	0.00	0.01	68.12	ppb
Tin	118-1	-0.25	-0.24	-0.16	-0.22		ppb
Titanium	47-1	0.26	0.22	0.22	0.23	10.50	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.04	0.03	0.03	28.77	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	463.56	464.06	466.44	464.69	0.33	ppb
Zirconium	90-1	0.04	0.03	0.03	0.03	20.74	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-15	Instrumnet Name :	P8
Client Sample ID :	DC14266-16-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:31:18	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.03	0.04	0.02	99.73	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-16 Instrumnet Name : P8
 Client Sample ID : DC14266-17-FL3-BRC1-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:34:26 DataFile Name : 051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.20	12.02	12.65	10.63	28.06	ppb
Antimony	121-1	0.05	0.05	0.06	0.05	12.70	ppb
Arsenic	75-2	0.26	0.27	0.22	0.25	9.87	ppb
Barium	135-1	17.37	17.49	17.88	17.58	1.51	ppb
Barium	137-1	17.99	17.89	18.22	18.04	0.93	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00	270.96	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.58	6.79	5.82	6.40	7.98	ppb
Boron	10-1	7.37	5.08	5.40	5.95	20.80	ppb
Cadmium	106-1	-0.78	-1.04	0.18	-0.55		ppb
Cadmium	108-1	0.02	0.03	-0.01	0.01	129.87	ppb
Cadmium	111-1	-0.06	-0.08	0.01	-0.05		ppb
Calcium	43-1	5415.48	5476.61	5590.88	5494.32	1.62	ppb
Calcium	44-1	5594.34	5554.34	5708.68	5619.12	1.43	ppb
Chromium	52-2	0.10	0.14	0.15	0.13	18.85	ppb
Cobalt	59-2	0.00	-0.01	0.00	0.00		ppb
Copper	63-2	226.37	226.28	223.12	225.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	19.77	20.12	22.43	20.77	6.96	ppb
Iron	57-2	20.76	23.81	24.08	22.88	8.04	ppb
Lead	206-1	0.27	0.23	0.27	0.25	8.71	ppb
Lead	207-1	0.22	0.22	0.22	0.22	0.44	ppb
Lead	208-1	0.25	0.22	0.24	0.24	5.81	ppb
Lithium	6-1						%
Magnesium	24-2	1266.40	1275.10	1262.26	1267.92	0.52	ppb
Manganese	55-2	12.10	12.06	11.54	11.90	2.60	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-16	Instrumnet Name :	P8
Client Sample ID :	DC14266-17-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:34:26	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.03	0.03	0.02	30.73	ppb
Molybdenum	94-1	0.02	0.02	0.04	0.02	40.50	ppb
Molybdenum	95-1	0.02	0.01	0.02	0.02	28.78	ppb
Molybdenum	96-1	0.00	0.01	0.01	0.01	119.93	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	53.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.32	0.31	0.28	0.30	7.23	ppb
Phosphorus	31-2	628.65	636.89	806.48	690.67	14.53	ppb
Potassium	39-2	544.05	559.90	529.59	544.51	2.78	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.04	-0.03	-0.05	-0.04		ppb
Selenium	78-2	-0.91	0.78	-0.24	-0.12		ppb
Selenium	82-1	0.69	-0.63	0.57	0.21	347.06	ppb
Silicon	28-1	688.34	680.76	678.19	682.43	0.77	ppb
Silver	109-1	0.01	0.01	0.02	0.01	50.25	ppb
Silver	107-1	0.01	0.02	0.01	0.01	38.39	ppb
Sodium	23-2	10116.08	10087.53	10265.50	10156.37	0.94	ppb
Strontium	86-1	18.47	19.05	18.68	18.74	1.57	ppb
Strontium	88-1	18.82	19.09	18.85	18.92	0.77	ppb
Sulfur	34-1	-1607.50	-1361.91	-1335.03	-1434.81		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.00	199.14	ppb
Thallium	205-1	0.00	0.01	0.02	0.01	99.52	ppb
Tin	118-1	-0.24	-0.24	-0.24	-0.24		ppb
Titanium	47-1	0.22	0.43	0.18	0.28	47.80	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.02	0.05	0.04	39.81	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	16.31	15.43	14.72	15.48	5.14	ppb
Zirconium	90-1	0.02	0.02	0.03	0.02	21.20	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-16	Instrumnet Name :	P8
Client Sample ID :	DC14266-17-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:34:26	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.04	0.04	0.00	0.03	74.50	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-17 Instrumnet Name : P8
 Client Sample ID : DC14266-18-FL3-BRC2-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:37:35 DataFile Name : 052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.03	7.64	11.25	9.31	19.55	ppb
Antimony	121-1	0.23	0.22	0.24	0.23	3.13	ppb
Arsenic	75-2	0.20	0.24	0.22	0.22	8.76	ppb
Barium	135-1	18.55	17.88	18.74	18.39	2.44	ppb
Barium	137-1	18.77	18.60	19.06	18.81	1.25	ppb
Beryllium	9-1	0.04	-0.02	0.02	0.02	198.99	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	6.10	5.59	6.27	5.99	5.88	ppb
Boron	10-1	6.05	6.58	5.35	5.99	10.25	ppb
Cadmium	106-1	0.16	-1.66	-0.98	-0.83		ppb
Cadmium	108-1	0.12	0.06	0.03	0.07	71.74	ppb
Cadmium	111-1	0.02	-0.12	-0.06	-0.05		ppb
Calcium	43-1	5487.82	5461.08	5469.52	5472.81	0.25	ppb
Calcium	44-1	5736.15	5717.78	5774.60	5742.84	0.50	ppb
Chromium	52-2	0.09	0.06	0.11	0.09	28.81	ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	15.37	ppb
Copper	63-2	281.04	277.03	283.20	280.43	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	18.88	25.14	20.48	21.50	15.14	ppb
Iron	57-2	20.64	20.16	22.12	20.97	4.86	ppb
Lead	206-1	1.09	1.19	1.13	1.14	4.57	ppb
Lead	207-1	1.06	1.03	0.98	1.03	3.88	ppb
Lead	208-1	1.06	1.10	1.05	1.07	2.35	ppb
Lithium	6-1						%
Magnesium	24-2	1257.02	1245.16	1306.21	1269.46	2.55	ppb
Manganese	55-2	12.30	12.20	12.09	12.20	0.84	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-17	Instrumnet Name :	P8
Client Sample ID :	DC14266-18-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:37:35	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.01	0.02	0.02	30.61	ppb
Molybdenum	94-1	0.03	0.02	0.02	0.03	14.76	ppb
Molybdenum	95-1	0.01	0.03	0.03	0.03	43.08	ppb
Molybdenum	96-1	0.02	0.01	0.01	0.01	58.20	ppb
Molybdenum	97-1	0.03	0.02	0.04	0.03	31.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.69	0.65	0.81	0.72	11.56	ppb
Phosphorus	31-2	591.52	765.43	681.77	679.57	12.80	ppb
Potassium	39-2	581.98	580.51	585.87	582.79	0.48	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.06	-2.21	-1.49		ppb
Selenium	78-2	1.06	0.42	0.42	0.63	58.80	ppb
Selenium	82-1	0.33	0.67	0.29	0.43	48.54	ppb
Silicon	28-1	689.50	674.21	682.21	681.97	1.12	ppb
Silver	109-1	0.01	0.01	0.02	0.02	42.99	ppb
Silver	107-1	0.01	0.02	0.01	0.02	42.92	ppb
Sodium	23-2	10235.20	10253.66	10217.97	10235.61	0.17	ppb
Strontium	86-1	18.97	18.69	19.26	18.97	1.48	ppb
Strontium	88-1	18.98	19.20	19.14	19.11	0.59	ppb
Sulfur	34-1	-1323.32	-1259.09	-1113.14	-1231.85		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.00	0.01	94.67	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	65.96	ppb
Tin	118-1	0.07	0.07	0.09	0.07	14.82	ppb
Titanium	47-1	0.27	0.63	0.36	0.42	45.79	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.03	0.06	0.04	25.64	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	182.64	180.70	184.69	182.68	1.09	ppb
Zirconium	90-1	0.03	0.03	0.02	0.03	13.89	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-17	Instrumnet Name :	P8
Client Sample ID :	DC14266-18-FL3-BRC2- ¹	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:37:35	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.04	0.04	22.41	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-18 Instrumnet Name : P8
 Client Sample ID : DC14266-19-FL3-BRC2-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:40:44 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.30	14.06	10.51	11.29	21.94	ppb
Antimony	121-1	0.06	0.07	0.08	0.07	9.39	ppb
Arsenic	75-2	0.21	0.16	0.15	0.17	19.22	ppb
Barium	135-1	17.48	18.01	18.31	17.93	2.33	ppb
Barium	137-1	17.71	18.13	18.12	17.99	1.35	ppb
Beryllium	9-1	0.00	0.01	-0.01	0.00	485.50	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.78	5.94	6.43	6.05	5.58	ppb
Boron	10-1	6.49	6.46	5.16	6.04	12.54	ppb
Cadmium	106-1	-1.37	-0.21	-0.83	-0.80		ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00	601.28	ppb
Cadmium	111-1	-0.10	-0.01	-0.07	-0.06		ppb
Calcium	43-1	5486.42	5432.08	5394.30	5437.60	0.85	ppb
Calcium	44-1	5652.01	5633.56	5616.26	5633.94	0.32	ppb
Chromium	52-2	0.23	0.09	0.13	0.15	49.08	ppb
Cobalt	59-2	0.00	0.00	0.01	0.00	108.85	ppb
Copper	63-2	289.35	288.25	282.21	286.60	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	22.97	23.15	23.21	23.11	0.55	ppb
Iron	57-2	24.25	28.12	24.64	25.67	8.30	ppb
Lead	206-1	0.18	0.23	0.23	0.21	12.26	ppb
Lead	207-1	0.20	0.22	0.16	0.19	14.71	ppb
Lead	208-1	0.19	0.20	0.20	0.20	4.48	ppb
Lithium	6-1						%
Magnesium	24-2	1313.97	1291.37	1270.18	1291.84	1.70	ppb
Manganese	55-2	14.73	14.42	14.26	14.47	1.66	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-18 Instrumnet Name : P8
 Client Sample ID : DC14266-19-FL3-BRC2-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:40:44 DataFile Name : 053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.01	0.03	0.01	0.02	46.96	ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	28.42	ppb
Molybdenum	95-1	0.02	0.02	0.01	0.01	44.62	ppb
Molybdenum	96-1	0.01	0.01	0.01	0.01	31.82	ppb
Molybdenum	97-1	0.00	0.01	0.02	0.01	93.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.22	0.20	0.24	0.22	7.92	ppb
Phosphorus	31-2	712.65	635.67	719.48	689.27	6.75	ppb
Potassium	39-2	537.49	531.19	537.09	535.26	0.66	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.18	-2.21	-0.08	0.63	513.25	ppb
Selenium	78-2	0.74	1.08	1.07	0.97	20.09	ppb
Selenium	82-1	0.62	0.50	-0.17	0.32	135.36	ppb
Silicon	28-1	696.02	802.55	670.90	723.16	9.67	ppb
Silver	109-1	0.01	0.02	0.01	0.01	35.84	ppb
Silver	107-1	0.01	0.03	0.02	0.02	38.70	ppb
Sodium	23-2	10453.33	10447.62	10078.98	10326.64	2.08	ppb
Strontium	86-1	18.56	18.92	18.65	18.71	1.02	ppb
Strontium	88-1	19.20	18.82	19.01	19.01	1.00	ppb
Sulfur	34-1	-903.47	-1028.14	-1023.36	-984.99		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	79.63	ppb
Thallium	205-1	0.00	0.01	0.01	0.01	36.49	ppb
Tin	118-1	-0.23	-0.23	-0.22	-0.23		ppb
Titanium	47-1	0.47	0.18	0.68	0.44	56.07	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.05	0.02	0.04	0.04	32.74	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	7.23	7.36	7.32	7.30	0.88	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	13.85	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-18	Instrumnet Name :	P8
Client Sample ID :	DC14266-19-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:40:44	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.03	0.03	0.02	37.78	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48656.73	48546.60	47864.89	48356.08	0.89	ppb
Antimony	121-1	504.30	509.61	504.09	506.00	0.62	ppb
Arsenic	75-2	504.76	497.43	494.59	498.92	1.05	ppb
Barium	135-1	2496.91	2532.89	2529.51	2519.77	0.79	ppb
Barium	137-1	2507.56	2495.41	2515.11	2506.03	0.40	ppb
Beryllium	9-1	557.16	565.20	560.41	560.92	0.72	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	571.75	582.73	578.92	577.80	0.96	ppb
Boron	10-1	566.34	563.45	580.78	570.19	1.63	ppb
Cadmium	106-1	499.76	513.09	496.39	503.08	1.76	ppb
Cadmium	108-1	491.97	495.86	497.08	494.97	0.54	ppb
Cadmium	111-1	481.97	487.69	480.50	483.39	0.79	ppb
Calcium	43-1	237727.57	241648.09	238301.95	239225.87	0.89	ppb
Calcium	44-1	236950.11	241948.83	237547.62	238815.52	1.14	ppb
Chromium	52-2	489.98	492.67	485.05	489.23	0.79	ppb
Cobalt	59-2	482.83	483.76	475.69	480.76	0.92	ppb
Copper	63-2	940.90	954.07	935.88	943.62	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119481.33	121032.47	118933.56	119815.79	0.91	ppb
Iron	57-2	120363.36	124287.44	122594.08	122414.96	1.61	ppb
Lead	206-1	482.57	479.41	494.42	485.47	1.63	ppb
Lead	207-1	482.25	478.46	483.78	481.50	0.57	ppb
Lead	208-1	494.90	489.71	498.22	494.28	0.87	ppb
Lithium	6-1						%
Magnesium	24-2	243264.58	243570.74	243930.86	243588.73	0.14	ppb
Manganese	55-2	981.25	985.73	971.02	979.34	0.77	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	497.73	497.57	502.48	499.26	0.56	ppb
Molybdenum	94-1	500.74	498.98	505.46	501.73	0.67	ppb
Molybdenum	95-1	500.18	503.22	497.03	500.14	0.62	ppb
Molybdenum	96-1	499.77	503.49	508.08	503.78	0.83	ppb
Molybdenum	97-1	480.89	486.22	488.06	485.05	0.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.22	473.98	467.78	472.33	0.84	ppb
Phosphorus	31-2	9587.44	9765.47	10146.60	9833.17	2.91	ppb
Potassium	39-2	123677.87	123281.99	122259.70	123073.19	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	528.80	462.15	503.95	498.30	6.76	ppb
Selenium	78-2	484.79	509.15	520.58	504.84	3.62	ppb
Selenium	82-1	485.07	485.55	491.20	487.27	0.70	ppb
Silicon	28-1	468.20	483.54	478.55	476.76	1.64	ppb
Silver	109-1	501.30	496.92	501.33	499.85	0.51	ppb
Silver	107-1	497.44	502.78	503.91	501.38	0.69	ppb
Sodium	23-2	245881.13	246369.70	242302.35	244851.06	0.91	ppb
Strontium	86-1	496.35	495.38	498.28	496.67	0.30	ppb
Strontium	88-1	505.60	506.44	510.23	507.42	0.49	ppb
Sulfur	34-1	10400.69	10682.35	10103.15	10395.40	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	503.37	496.00	511.51	503.63	1.54	ppb
Thallium	205-1	504.98	503.18	515.58	507.91	1.32	ppb
Tin	118-1	502.46	506.60	502.66	503.91	0.46	ppb
Titanium	47-1	484.67	493.22	482.06	486.65	1.20	ppb
Uranium	238-1	495.49	491.50	498.54	495.18	0.71	ppb
Vanadium	51-2	495.84	498.87	490.80	495.17	0.82	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	950.61	954.26	939.60	948.15	0.81	ppb
Zirconium	90-1	496.67	497.00	501.36	498.34	0.52	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	503.35	502.60	506.36	504.10	0.39	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:46:52	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.36	0.41	-1.71	-0.31		ppb
Antimony	121-1	0.06	0.05	0.03	0.05	26.15	ppb
Arsenic	75-2	0.01	-0.02	0.00	0.00		ppb
Barium	135-1	0.02	-0.01	-0.02	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.01	0.01	0.02	0.01	161.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	10.39	9.76	8.99	9.71	7.23	ppb
Boron	10-1	11.57	8.58	8.10	9.42	20.00	ppb
Cadmium	106-1	-0.77	-0.61	-1.76	-1.05		ppb
Cadmium	108-1	0.02	0.02	0.09	0.04	86.59	ppb
Cadmium	111-1	-0.06	-0.06	-0.14	-0.08		ppb
Calcium	43-1	-22.57	-5.45	-21.41	-16.48		ppb
Calcium	44-1	-12.76	-5.73	-10.84	-9.78		ppb
Chromium	52-2	0.08	0.09	0.05	0.07	30.69	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.02	0.01	0.02	0.01	358.90	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.78	0.84	0.64	0.75	13.73	ppb
Iron	57-2	0.66	1.14	0.07	0.62	86.35	ppb
Lead	206-1	0.09	0.05	0.07	0.07	32.87	ppb
Lead	207-1	0.05	0.06	0.04	0.05	18.72	ppb
Lead	208-1	0.07	0.06	0.05	0.06	15.57	ppb
Lithium	6-1						%
Magnesium	24-2	0.70	0.30	-0.41	0.20	289.56	ppb
Manganese	55-2	0.06	-0.05	-0.02	0.00		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:46:52	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.03	0.03	0.02	0.03	20.33	ppb
Molybdenum	95-1	-0.01	-0.01	-0.02	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.00	-0.04	-0.01		ppb
Phosphorus	31-2	3.44	-13.27	-4.52	-4.78		ppb
Potassium	39-2	19.15	25.80	21.23	22.06	15.41	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-0.03	-2.21	-1.48		ppb
Selenium	78-2	0.43	-0.23	0.50	0.23	174.28	ppb
Selenium	82-1	-0.66	-0.15	0.88	0.02	3843.37	ppb
Silicon	28-1	-17.66	-19.28	-18.65	-18.53		ppb
Silver	109-1	0.02	0.01	0.02	0.02	38.01	ppb
Silver	107-1	0.02	0.03	0.02	0.02	21.59	ppb
Sodium	23-2	74.16	79.98	78.85	77.66	3.97	ppb
Strontium	86-1	-0.11	-0.01	-0.09	-0.07		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	197.59	ppb
Sulfur	34-1	-1823.71	-1688.82	-1667.04	-1726.52		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.03	0.03	0.03	9.71	ppb
Thallium	205-1	0.04	0.02	0.03	0.03	33.77	ppb
Tin	118-1	0.02	-0.01	-0.04	-0.01		ppb
Titanium	47-1	-0.05	-0.05	-0.03	-0.04		ppb
Uranium	238-1	-0.02	-0.01	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.01	0.03	0.00	0.01	90.80	ppb
Zirconium	90-1	0.04	0.05	0.03	0.04	20.98	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:46:52	DataFile Name :	055CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.05	0.05	0.04	30.36	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-19 Instrumnet Name : P8
 Client Sample ID : DC14266-20-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:50:02 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.69	7.16	7.13	5.99	33.32	ppb
Antimony	121-1	2.55	2.58	2.64	2.59	1.72	ppb
Arsenic	75-2	0.22	0.24	0.20	0.22	8.72	ppb
Barium	135-1	21.23	21.14	21.74	21.37	1.52	ppb
Barium	137-1	21.58	21.86	21.52	21.65	0.83	ppb
Beryllium	9-1	0.02	0.00	0.02	0.02	58.92	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	8.77	8.94	8.17	8.63	4.70	ppb
Boron	10-1	9.79	7.29	7.28	8.12	17.77	ppb
Cadmium	106-1	-1.29	-0.40	-0.80	-0.83		ppb
Cadmium	108-1	0.36	0.34	0.37	0.36	4.57	ppb
Cadmium	111-1	-0.05	0.01	-0.03	-0.02		ppb
Calcium	43-1	5821.94	5732.49	5705.12	5753.18	1.06	ppb
Calcium	44-1	6011.47	6040.99	5950.92	6001.13	0.77	ppb
Chromium	52-2	0.16	0.17	0.12	0.15	20.13	ppb
Cobalt	59-2	0.09	0.09	0.09	0.09	1.54	ppb
Copper	63-2	594.48	591.76	593.37	593.20	0.23	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	20.21	20.68	21.76	20.88	3.83	ppb
Iron	57-2	22.74	18.58	19.45	20.26	10.83	ppb
Lead	206-1	1.40	1.36	1.39	1.39	1.65	ppb
Lead	207-1	1.26	1.26	1.22	1.25	1.79	ppb
Lead	208-1	1.33	1.32	1.32	1.32	0.60	ppb
Lithium	6-1						%
Magnesium	24-2	1353.81	1349.51	1376.48	1359.93	1.07	ppb
Manganese	55-2	13.84	13.81	14.15	13.93	1.35	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-19 Instrumnet Name : P8
 Client Sample ID : DC14266-20-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:50:02 DataFile Name : 056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	16.21	ppb
Molybdenum	94-1	0.06	0.06	0.05	0.06	9.33	ppb
Molybdenum	95-1	0.03	0.03	0.02	0.03	11.17	ppb
Molybdenum	96-1	0.03	0.03	0.02	0.02	26.16	ppb
Molybdenum	97-1	0.02	0.01	0.03	0.02	35.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.88	13.35	13.71	13.65	1.97	ppb
Phosphorus	31-2	401.64	453.93	476.82	444.13	8.68	ppb
Potassium	39-2	747.04	737.08	756.63	746.91	1.31	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.03	-0.79		ppb
Selenium	78-2	0.08	0.42	-0.25	0.08	419.44	ppb
Selenium	82-1	-0.36	-0.16	-0.50	-0.34		ppb
Silicon	28-1	702.57	708.92	701.63	704.37	0.56	ppb
Silver	109-1	0.02	0.04	0.03	0.03	23.02	ppb
Silver	107-1	0.03	0.03	0.04	0.03	15.26	ppb
Sodium	23-2	10533.18	10467.24	10376.70	10459.04	0.75	ppb
Strontium	86-1	20.39	19.77	19.04	19.73	3.41	ppb
Strontium	88-1	20.25	20.27	20.22	20.25	0.12	ppb
Sulfur	34-1	-460.60	-375.20	-324.32	-386.71		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.03	0.03	0.01	0.02	51.56	ppb
Thallium	205-1	0.01	0.02	0.02	0.02	28.06	ppb
Tin	118-1	0.10	0.14	0.14	0.13	16.78	ppb
Titanium	47-1	0.24	0.17	0.23	0.21	17.65	ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.03	0.02	0.03	23.60	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	1008.18	1006.33	1007.45	1007.32	0.09	ppb
Zirconium	90-1	0.11	0.08	0.07	0.09	24.80	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-19	Instrumnet Name :	P8
Client Sample ID :	DC14266-20-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:50:02	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.13	0.07	0.03	0.08	66.35	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-20	Instrumnet Name :	P8
Client Sample ID :	DC14266-21-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:53:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.40	3.78	7.07	5.08	34.45	ppb
Antimony	121-1	0.22	0.21	0.22	0.22	2.53	ppb
Arsenic	75-2	0.22	0.27	0.16	0.22	26.06	ppb
Barium	135-1	18.51	19.77	19.46	19.24	3.41	ppb
Barium	137-1	18.70	19.85	19.14	19.23	3.01	ppb
Beryllium	9-1	0.05	-0.02	0.02	0.02	200.17	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	7.91	8.68	7.67	8.09	6.55	ppb
Boron	10-1	5.98	8.89	7.46	7.44	19.49	ppb
Cadmium	106-1	-1.93	0.03	-1.20	-1.03		ppb
Cadmium	108-1	0.02	0.03	0.09	0.05	87.47	ppb
Cadmium	111-1	-0.14	0.00	-0.09	-0.08		ppb
Calcium	43-1	5573.62	5803.06	5552.47	5643.05	2.46	ppb
Calcium	44-1	5707.83	5992.05	5732.22	5810.70	2.71	ppb
Chromium	52-2	0.06	0.14	0.09	0.09	42.86	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	554.24	559.55	552.89	555.56	0.63	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	14.34	14.92	18.63	15.96	14.58	ppb
Iron	57-2	16.63	15.30	16.30	16.08	4.31	ppb
Lead	206-1	0.16	0.14	0.13	0.14	8.91	ppb
Lead	207-1	0.15	0.14	0.12	0.14	10.45	ppb
Lead	208-1	0.14	0.14	0.13	0.14	3.31	ppb
Lithium	6-1						%
Magnesium	24-2	1331.51	1333.42	1309.49	1324.81	1.00	ppb
Manganese	55-2	6.55	6.32	6.24	6.37	2.51	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-20	Instrumnet Name :	P8
Client Sample ID :	DC14266-21-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:53:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.02	0.02	0.02	0.02	23.86	ppb
Molybdenum	94-1	0.04	0.03	0.03	0.04	8.05	ppb
Molybdenum	95-1	0.04	0.01	0.02	0.02	58.80	ppb
Molybdenum	96-1	0.03	0.01	0.02	0.02	45.21	ppb
Molybdenum	97-1	0.06	0.02	0.05	0.04	40.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.49	0.54	0.48	0.51	6.34	ppb
Phosphorus	31-2	444.41	539.57	441.37	475.12	11.75	ppb
Potassium	39-2	587.54	569.29	554.81	570.55	2.87	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	1.07	0.41	1.41	0.96	53.16	ppb
Selenium	82-1	-0.15	0.59	0.86	0.43	120.39	ppb
Silicon	28-1	735.14	751.44	715.02	733.87	2.49	ppb
Silver	109-1	0.02	0.02	0.02	0.02	14.60	ppb
Silver	107-1	0.03	0.02	0.02	0.02	20.19	ppb
Sodium	23-2	10491.51	10461.02	10310.91	10421.15	0.93	ppb
Strontium	86-1	18.84	20.19	19.39	19.47	3.50	ppb
Strontium	88-1	19.27	20.26	19.23	19.59	3.00	ppb
Sulfur	34-1	-389.90	132.32	-268.40	-175.32		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.01	0.01	0.01	102.91	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	64.46	ppb
Tin	118-1	-0.20	-0.22	-0.17	-0.20		ppb
Titanium	47-1	0.32	0.25	0.26	0.28	12.95	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.03	0.05	0.02	0.03	39.14	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	22.16	22.19	21.38	21.91	2.10	ppb
Zirconium	90-1	0.05	0.05	0.04	0.04	14.84	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-20	Instrumnet Name :	P8
Client Sample ID :	DC14266-21-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:53:09	DataFile Name :	057SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.04	0.07	0.05	44.41	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48277.07	50000.53	51987.59	50088.40	3.71	ppb
Antimony	121-1	508.99	506.08	498.50	504.53	1.07	ppb
Arsenic	75-2	492.20	512.43	531.22	511.95	3.81	ppb
Barium	135-1	2513.67	2524.57	2470.16	2502.80	1.15	ppb
Barium	137-1	2510.11	2527.55	2470.92	2502.86	1.16	ppb
Beryllium	9-1	543.90	541.64	545.31	543.62	0.34	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	552.44	556.52	559.66	556.21	0.65	ppb
Boron	10-1	546.86	551.40	554.48	550.92	0.70	ppb
Cadmium	106-1	495.35	500.80	496.35	497.50	0.58	ppb
Cadmium	108-1	493.32	505.12	487.16	495.20	1.84	ppb
Cadmium	111-1	482.05	487.45	471.77	480.42	1.66	ppb
Calcium	43-1	241820.91	238226.30	234625.57	238224.26	1.51	ppb
Calcium	44-1	239619.67	240824.43	234739.65	238394.58	1.35	ppb
Chromium	52-2	485.67	503.08	525.07	504.61	3.91	ppb
Cobalt	59-2	489.63	496.58	520.38	502.19	3.21	ppb
Copper	63-2	950.48	982.98	1024.60	986.02	3.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	119564.13	124358.11	127542.92	123821.72	3.24	ppb
Iron	57-2	123584.32	126259.07	131374.63	127072.67	3.12	ppb
Lead	206-1	493.64	482.37	490.31	488.78	1.18	ppb
Lead	207-1	482.33	479.15	486.00	482.49	0.71	ppb
Lead	208-1	498.17	491.50	497.84	495.84	0.76	ppb
Lithium	6-1						%
Magnesium	24-2	242040.37	253645.22	262089.97	252591.85	3.99	ppb
Manganese	55-2	973.52	1008.15	1049.50	1010.39	3.77	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	497.78	489.52	503.71	497.00	1.43	ppb
Molybdenum	94-1	497.19	494.20	493.84	495.08	0.37	ppb
Molybdenum	95-1	496.13	496.15	494.09	495.46	0.24	ppb
Molybdenum	96-1	495.95	492.20	503.29	497.15	1.13	ppb
Molybdenum	97-1	478.01	478.42	483.35	479.93	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	472.40	486.49	510.26	489.72	3.91	ppb
Phosphorus	31-2	9927.11	9793.61	10305.80	10008.84	2.65	ppb
Potassium	39-2	122370.86	125949.60	131585.49	126635.32	3.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	535.19	525.03	536.19	532.14	1.16	ppb
Selenium	78-2	505.14	505.19	501.23	503.85	0.45	ppb
Selenium	82-1	485.11	485.53	494.28	488.30	1.06	ppb
Silicon	28-1	481.30	482.19	477.00	480.16	0.58	ppb
Silver	109-1	501.41	505.89	498.35	501.88	0.76	ppb
Silver	107-1	498.60	503.56	491.29	497.82	1.24	ppb
Sodium	23-2	246208.87	252650.19	265284.97	254714.68	3.81	ppb
Strontium	86-1	497.11	489.01	495.61	493.91	0.87	ppb
Strontium	88-1	511.17	500.43	504.35	505.32	1.07	ppb
Sulfur	34-1	11006.80	10980.28	10686.79	10891.29	1.63	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	507.39	504.44	512.33	508.06	0.78	ppb
Thallium	205-1	505.50	503.67	517.27	508.81	1.45	ppb
Tin	118-1	510.79	513.58	495.68	506.68	1.90	ppb
Titanium	47-1	491.13	492.70	481.36	488.40	1.26	ppb
Uranium	238-1	508.43	493.81	497.86	500.03	1.51	ppb
Vanadium	51-2	489.26	512.32	533.55	511.71	4.33	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	935.16	963.25	1016.16	971.52	4.23	ppb
Zirconium	90-1	501.34	490.25	497.58	496.39	1.14	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	497.93	489.85	500.07	495.95	1.09	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:59:15	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.99	0.34	1.74	0.36	379.32	ppb
Antimony	121-1	0.07	0.06	0.05	0.06	21.20	ppb
Arsenic	75-2	0.02	-0.03	-0.02	-0.01		ppb
Barium	135-1	-0.01	-0.01	0.01	0.00		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.03	0.02	0.08	0.04	73.88	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	11.25	10.12	9.33	10.23	9.42	ppb
Boron	10-1	10.87	10.72	8.07	9.89	15.94	ppb
Cadmium	106-1	0.03	-0.97	-0.98	-0.64		ppb
Cadmium	108-1	-0.07	0.11	-0.01	0.01	991.25	ppb
Cadmium	111-1	-0.01	-0.08	-0.07	-0.05		ppb
Calcium	43-1	10.57	-11.48	2.16	0.41	2684.23	ppb
Calcium	44-1	-5.14	-2.79	-6.31	-4.75		ppb
Chromium	52-2	0.08	-0.01	0.03	0.03	135.60	ppb
Cobalt	59-2	-0.01	-0.02	-0.01	-0.01		ppb
Copper	63-2	0.03	-0.01	-0.02	0.00	1029.50	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.89	0.63	0.79	0.77	17.09	ppb
Iron	57-2	-0.58	0.25	-0.12	-0.15		ppb
Lead	206-1	0.07	0.09	0.10	0.09	20.26	ppb
Lead	207-1	0.09	0.04	0.06	0.06	42.62	ppb
Lead	208-1	0.09	0.07	0.08	0.08	12.16	ppb
Lithium	6-1						%
Magnesium	24-2	0.18	0.25	0.25	0.23	19.45	ppb
Manganese	55-2	-0.08	-0.06	-0.05	-0.06		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:59:15	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.00	0.02	0.01	0.01	58.70	ppb
Molybdenum	95-1	-0.02	-0.01	-0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.02	-0.01	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	-0.02	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.02	-0.01	-0.01		ppb
Phosphorus	31-2	12.64	11.61	3.37	9.21	55.17	ppb
Potassium	39-2	44.45	36.19	41.03	40.55	10.24	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.03	-2.21	-2.21	-1.48		ppb
Selenium	78-2	0.78	1.13	0.79	0.90	22.09	ppb
Selenium	82-1	-0.13	-0.35	0.33	-0.05		ppb
Silicon	28-1	-17.82	-19.10	-18.08	-18.33		ppb
Silver	109-1	0.03	0.01	0.01	0.02	43.75	ppb
Silver	107-1	0.01	0.02	0.01	0.02	32.26	ppb
Sodium	23-2	98.20	88.82	83.31	90.11	8.36	ppb
Strontium	86-1	-0.20	0.03	-0.07	-0.08		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	299.91	ppb
Sulfur	34-1	-1646.74	-1502.62	-1467.85	-1539.07		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.03	0.02	0.02	52.85	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	21.37	ppb
Tin	118-1	-0.04	-0.06	0.05	-0.02		ppb
Titanium	47-1	-0.03	-0.02	-0.08	-0.04		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	-0.02	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.22	-0.01	0.06	0.09	138.49	ppb
Zirconium	90-1	0.02	0.03	0.02	0.02	12.09	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:59:15	DataFile Name :	059CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.02	0.02	0.02	28.16	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : PB100178BL Instrumnet Name : P8
 Client Sample ID : PB100178BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 18:02:24 DataFile Name : 060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.72	-0.96	-0.32	-1.00		ppb
Antimony	121-1	0.02	0.02	0.01	0.02	19.89	ppb
Arsenic	75-2	-0.03	-0.03	-0.02	-0.02		ppb
Barium	135-1	0.00	-0.02	-0.02	-0.01		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.02	0.05	0.02	0.03	75.27	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	5.04	5.16	4.28	4.83	9.83	ppb
Boron	10-1	4.05	5.06	5.01	4.71	12.15	ppb
Cadmium	106-1	-1.99	-1.14	-1.73	-1.62		ppb
Cadmium	108-1	-0.07	-0.04	-0.01	-0.04		ppb
Cadmium	111-1	-0.15	-0.09	-0.14	-0.12		ppb
Calcium	43-1	-6.64	-21.51	-4.16	-10.77		ppb
Calcium	44-1	-7.20	-7.25	-8.85	-7.77		ppb
Chromium	52-2	0.05	0.13	0.03	0.07	71.45	ppb
Cobalt	59-2	-0.01	-0.01	0.00	-0.01		ppb
Copper	63-2	0.00	0.02	0.00	0.01	104.22	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.55	0.53	0.34	0.48	24.28	ppb
Iron	57-2	1.57	-0.50	-0.46	0.20	584.23	ppb
Lead	206-1	0.02	0.02	0.01	0.02	30.15	ppb
Lead	207-1	0.00	0.04	0.03	0.02	93.82	ppb
Lead	208-1	0.02	0.02	0.02	0.02	7.01	ppb
Lithium	6-1						%
Magnesium	24-2	0.46	-0.56	0.43	0.11	515.86	ppb
Manganese	55-2	-0.10	-0.01	0.05	-0.02		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BL	Instrumnet Name :	P8
Client Sample ID :	PB100178BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:02:24	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	94-1	0.00	0.02	0.01	0.01	99.89	ppb
Molybdenum	95-1	-0.02	-0.01	-0.02	-0.02		ppb
Molybdenum	96-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.03	0.00	-0.02		ppb
Phosphorus	31-2	-4.71	4.43	-4.82	-1.70		ppb
Potassium	39-2	32.32	26.10	31.64	30.02	11.38	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	4.48	0.10	-2.21	0.79	429.09	ppb
Selenium	78-2	-0.22	-0.55	-0.57	-0.45		ppb
Selenium	82-1	0.20	0.13	1.59	0.64	128.88	ppb
Silicon	28-1	-16.53	-18.56	-18.71	-17.93		ppb
Silver	109-1	0.01	0.01	0.00	0.01	49.22	ppb
Silver	107-1	0.01	0.01	0.00	0.01	52.57	ppb
Sodium	23-2	68.09	67.41	63.05	66.19	4.13	ppb
Strontium	86-1	-0.04	-0.05	-0.09	-0.06		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	395.84	ppb
Sulfur	34-1	-1384.98	-1343.87	-1362.77	-1363.87		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	-0.01	0.00	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	331.86	ppb
Tin	118-1	-0.05	-0.10	-0.07	-0.08		ppb
Titanium	47-1	-0.06	-0.07	-0.02	-0.05		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.01	0.00	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.64	0.74	0.56	0.65	13.59	ppb
Zirconium	90-1	0.02	0.01	0.01	0.02	26.70	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BL	Instrumnet Name :	P8
Client Sample ID :	PB100178BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:02:24	DataFile Name :	060CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.00	0.02	0.03	0.02	70.91	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9748.59	9712.92	9413.46	9624.99	1.91	ppb
Antimony	121-1	511.45	515.58	514.31	513.78	0.41	ppb
Arsenic	75-2	511.66	506.07	512.24	509.99	0.67	ppb
Barium	135-1	2515.58	2543.26	2557.47	2538.77	0.84	ppb
Barium	137-1	2504.67	2538.26	2511.78	2518.24	0.70	ppb
Beryllium	9-1	540.21	543.41	536.99	540.20	0.59	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	543.78	548.50	558.78	550.35	1.39	ppb
Boron	10-1	536.73	546.79	547.16	543.56	1.09	ppb
Cadmium	106-1	499.98	507.20	504.22	503.80	0.72	ppb
Cadmium	108-1	495.98	512.03	516.56	508.19	2.13	ppb
Cadmium	111-1	492.26	494.57	498.77	495.20	0.67	ppb
Calcium	43-1	50239.81	48307.69	48630.63	49059.37	2.11	ppb
Calcium	44-1	50030.85	49289.04	48956.51	49425.46	1.11	ppb
Chromium	52-2	492.02	496.83	489.45	492.77	0.76	ppb
Cobalt	59-2	501.59	514.62	495.91	504.04	1.90	ppb
Copper	63-2	1008.14	994.20	992.45	998.27	0.86	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	25187.53	25220.83	24678.20	25028.85	1.22	ppb
Iron	57-2	25177.61	25083.71	24802.54	25021.29	0.78	ppb
Lead	206-1	497.28	510.16	494.73	500.72	1.65	ppb
Lead	207-1	477.15	485.16	478.75	480.35	0.88	ppb
Lead	208-1	493.18	502.78	496.92	497.63	0.97	ppb
Lithium	6-1						%
Magnesium	24-2	51412.75	50671.99	51227.64	51104.13	0.75	ppb
Manganese	55-2	1000.84	1003.17	999.34	1001.12	0.19	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	490.96	489.36	502.18	494.17	1.41	ppb
Molybdenum	94-1	493.72	498.06	502.78	498.19	0.91	ppb
Molybdenum	95-1	495.93	494.06	508.47	499.49	1.57	ppb
Molybdenum	96-1	497.14	491.90	513.75	500.93	2.28	ppb
Molybdenum	97-1	474.36	481.00	487.40	480.92	1.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.34	491.59	483.27	489.07	1.03	ppb
Phosphorus	31-2	9812.82	10188.67	9953.66	9985.05	1.90	ppb
Potassium	39-2	25387.09	25234.91	25091.81	25237.94	0.59	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	478.39	565.19	528.52	524.03	8.32	ppb
Selenium	78-2	508.91	493.66	510.01	504.19	1.81	ppb
Selenium	82-1	496.29	502.14	501.52	499.99	0.64	ppb
Silicon	28-1	489.07	486.44	485.47	486.99	0.38	ppb
Silver	109-1	511.85	521.54	523.68	519.02	1.21	ppb
Silver	107-1	514.49	528.51	517.85	520.29	1.41	ppb
Sodium	23-2	51319.65	50950.89	51047.21	51105.91	0.37	ppb
Strontium	86-1	481.98	491.52	489.15	487.55	1.02	ppb
Strontium	88-1	491.19	508.02	505.48	501.56	1.81	ppb
Sulfur	34-1	10900.86	10176.29	10412.00	10496.38	3.52	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	505.37	518.81	504.31	509.50	1.59	ppb
Thallium	205-1	506.59	516.34	500.34	507.76	1.59	ppb
Tin	118-1	512.88	514.03	514.53	513.81	0.16	ppb
Titanium	47-1	502.29	494.11	485.48	493.96	1.70	ppb
Uranium	238-1	488.49	486.72	483.40	486.21	0.53	ppb
Vanadium	51-2	501.55	499.89	497.62	499.69	0.39	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	978.11	988.67	978.09	981.62	0.62	ppb
Zirconium	90-1	489.52	491.51	502.53	494.52	1.42	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	495.67	498.20	503.15	499.01	0.76	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9645.11	9753.69	9825.32	9741.37	0.93	ppb
Antimony	121-1	522.81	518.08	520.91	520.60	0.46	ppb
Arsenic	75-2	514.26	532.32	522.17	522.91	1.73	ppb
Barium	135-1	2617.20	2543.24	2565.15	2575.19	1.48	ppb
Barium	137-1	2606.82	2491.04	2552.46	2550.11	2.27	ppb
Beryllium	9-1	542.47	544.52	535.94	540.97	0.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	549.44	562.11	558.90	556.82	1.18	ppb
Boron	10-1	548.12	557.73	555.26	553.70	0.90	ppb
Cadmium	106-1	520.82	514.10	523.30	519.41	0.92	ppb
Cadmium	108-1	513.96	512.11	519.12	515.06	0.71	ppb
Cadmium	111-1	508.50	500.93	508.73	506.05	0.88	ppb
Calcium	43-1	49267.08	49169.87	48734.36	49057.10	0.58	ppb
Calcium	44-1	49306.12	48607.61	49181.06	49031.60	0.76	ppb
Chromium	52-2	488.89	508.61	500.14	499.21	1.98	ppb
Cobalt	59-2	497.94	520.38	513.84	510.72	2.26	ppb
Copper	63-2	982.60	1039.72	1015.80	1012.71	2.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	24766.03	25805.73	25256.09	25275.95	2.06	ppb
Iron	57-2	24938.41	25664.43	25634.39	25412.41	1.62	ppb
Lead	206-1	499.20	492.06	492.72	494.66	0.80	ppb
Lead	207-1	477.44	479.55	475.80	477.60	0.39	ppb
Lead	208-1	495.74	498.72	495.13	496.53	0.39	ppb
Lithium	6-1						%
Magnesium	24-2	50856.07	52656.29	51977.18	51829.85	1.75	ppb
Manganese	55-2	998.86	1034.61	1009.79	1014.42	1.81	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	502.93	504.36	488.53	498.61	1.76	ppb
Molybdenum	94-1	495.15	503.08	498.44	498.89	0.80	ppb
Molybdenum	95-1	503.24	499.24	487.74	496.74	1.62	ppb
Molybdenum	96-1	500.87	504.47	492.92	499.42	1.18	ppb
Molybdenum	97-1	483.17	490.40	478.21	483.93	1.27	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.64	508.79	497.15	497.53	2.23	ppb
Phosphorus	31-2	9175.57	10374.76	10247.58	9932.64	6.63	ppb
Potassium	39-2	25267.52	26119.10	25785.82	25724.15	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	477.38	524.40	620.18	540.66	13.46	ppb
Selenium	78-2	507.02	547.12	533.44	529.19	3.85	ppb
Selenium	82-1	501.44	502.99	492.91	499.11	1.09	ppb
Silicon	28-1	477.65	478.54	478.14	478.11	0.09	ppb
Silver	109-1	526.34	519.90	532.84	526.36	1.23	ppb
Silver	107-1	523.97	521.30	528.68	524.65	0.71	ppb
Sodium	23-2	50795.31	52976.98	52156.98	51976.42	2.12	ppb
Strontium	86-1	486.60	494.41	486.21	489.07	0.95	ppb
Strontium	88-1	500.39	497.44	496.54	498.12	0.40	ppb
Sulfur	34-1	10265.74	10043.94	10077.15	10128.94	1.18	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	497.56	494.53	499.22	497.10	0.48	ppb
Thallium	205-1	496.54	501.77	503.53	500.61	0.73	ppb
Tin	118-1	524.52	506.49	521.22	517.41	1.86	ppb
Titanium	47-1	494.77	483.45	488.35	488.85	1.16	ppb
Uranium	238-1	483.42	477.31	482.99	481.24	0.71	ppb
Vanadium	51-2	499.64	517.18	509.99	508.94	1.73	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	966.57	1022.23	1004.01	997.60	2.84	ppb
Zirconium	90-1	492.84	497.32	490.82	493.66	0.67	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	496.33	498.38	498.95	497.89	0.28	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	69.16	65.66	68.97	67.93	2.90	ppb
Antimony	121-1	0.09	0.09	0.08	0.08	8.41	ppb
Arsenic	75-2	0.28	0.26	0.30	0.28	7.61	ppb
Barium	135-1	1207.08	1209.72	1204.03	1206.94	0.24	ppb
Barium	137-1	1198.28	1206.24	1200.30	1201.61	0.34	ppb
Beryllium	9-1	0.10	0.07	0.08	0.08	18.97	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	36.97	33.38	29.70	33.35	10.91	ppb
Boron	10-1	36.15	34.66	30.90	33.90	7.98	ppb
Cadmium	106-1	-0.35	0.64	-0.15	0.05	1114.10	ppb
Cadmium	108-1	0.46	0.28	0.39	0.37	24.01	ppb
Cadmium	111-1	-0.02	0.05	0.01	0.01	226.74	ppb
Calcium	43-1	134831.31	133486.42	136165.38	134827.70	0.99	ppb
Calcium	44-1	133666.84	133164.41	134099.32	133643.52	0.35	ppb
Chromium	52-2	1.22	1.09	1.12	1.14	5.85	ppb
Cobalt	59-2	0.14	0.13	0.16	0.14	13.91	ppb
Copper	63-2	23.31	22.08	21.45	22.28	4.26	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	85.05	83.50	79.08	82.54	3.75	ppb
Iron	57-2	92.09	95.37	88.83	92.10	3.55	ppb
Lead	206-1	0.42	0.43	0.42	0.42	2.14	ppb
Lead	207-1	0.35	0.34	0.31	0.33	5.95	ppb
Lead	208-1	0.37	0.36	0.36	0.37	1.45	ppb
Lithium	6-1						%
Magnesium	24-2	14960.01	14472.07	14079.42	14503.83	3.04	ppb
Manganese	55-2	16.57	16.71	16.01	16.43	2.28	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.19	0.19	0.18	0.19	2.81	ppb
Molybdenum	94-1	2.51	2.39	2.30	2.40	4.34	ppb
Molybdenum	95-1	0.19	0.17	0.16	0.17	8.52	ppb
Molybdenum	96-1	0.69	0.67	0.67	0.68	1.80	ppb
Molybdenum	97-1	0.19	0.20	0.21	0.20	4.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.40	1.30	1.26	1.32	5.35	ppb
Phosphorus	31-2	309.74	334.24	287.38	310.45	7.55	ppb
Potassium	39-2	27640.22	26812.03	26003.42	26818.56	3.05	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	2.23	-0.73		ppb
Selenium	78-2	-0.56	0.48	0.12	0.02	3233.43	ppb
Selenium	82-1	1.34	1.14	0.97	1.15	16.01	ppb
Silicon	28-1	1038.21	929.84	958.73	975.59	5.75	ppb
Silver	109-1	0.05	0.05	0.06	0.05	6.86	ppb
Silver	107-1	0.05	0.05	0.06	0.06	9.49	ppb
Sodium	23-2	6956.37	6781.88	6516.90	6751.72	3.28	ppb
Strontium	86-1	938.93	958.79	950.90	949.54	1.05	ppb
Strontium	88-1	921.07	949.50	940.90	937.16	1.56	ppb
Sulfur	34-1	1186.53	1098.15	1281.26	1188.65	7.70	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.08	0.09	0.08	0.08	11.14	ppb
Thallium	205-1	0.11	0.09	0.09	0.10	9.82	ppb
Tin	118-1	3.33	3.40	3.38	3.37	1.12	ppb
Titanium	47-1	4.16	4.28	4.53	4.32	4.33	ppb
Uranium	238-1	0.15	0.14	0.12	0.14	9.19	ppb
Vanadium	51-2	0.90	0.85	0.81	0.85	5.51	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	8.73	8.35	8.51	8.53	2.24	ppb
Zirconium	90-1	3.36	3.36	3.28	3.33	1.44	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	3.50	3.21	3.18	3.29	5.36	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2595.88	2509.47	2608.01	2571.12	2.09	ppb
Antimony	121-1	0.63	0.59	0.61	0.61	3.68	ppb
Arsenic	75-2	2.03	2.24	2.39	2.22	8.31	ppb
Barium	135-1	132.63	130.52	131.31	131.49	0.81	ppb
Barium	137-1	134.30	132.96	134.52	133.92	0.63	ppb
Beryllium	9-1	0.31	0.27	0.27	0.28	9.20	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	479.14	481.50	481.69	480.78	0.30	ppb
Boron	10-1	479.41	487.75	479.93	482.36	0.97	ppb
Cadmium	106-1	4.66	5.37	4.35	4.79	10.97	ppb
Cadmium	108-1	4.47	5.41	4.60	4.83	10.56	ppb
Cadmium	111-1	4.58	4.54	4.70	4.61	1.83	ppb
Calcium	43-1	184135.57	187432.50	187273.67	186280.58	1.00	ppb
Calcium	44-1	183849.77	186770.75	185921.53	185514.02	0.81	ppb
Chromium	52-2	12.29	12.20	12.98	12.49	3.42	ppb
Cobalt	59-2	2.78	2.84	2.88	2.83	1.78	ppb
Copper	63-2	104.24	105.82	112.97	107.67	4.32	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	4967.97	4994.68	5271.96	5078.20	3.31	ppb
Iron	57-2	4895.61	5031.63	5302.37	5076.54	4.08	ppb
Lead	206-1	7.07	7.08	6.79	6.98	2.36	ppb
Lead	207-1	6.59	6.14	6.36	6.36	3.54	ppb
Lead	208-1	6.82	6.64	6.67	6.71	1.41	ppb
Lithium	6-1						%
Magnesium	24-2	42165.29	41546.30	43662.33	42457.97	2.56	ppb
Manganese	55-2	533.23	535.99	566.59	545.27	3.40	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	4.75	4.62	4.49	4.62	2.81	ppb
Molybdenum	94-1	2.82	2.76	2.67	2.75	2.73	ppb
Molybdenum	95-1	4.68	4.50	4.71	4.63	2.50	ppb
Molybdenum	96-1	4.14	4.18	3.99	4.10	2.42	ppb
Molybdenum	97-1	4.72	4.90	4.45	4.69	4.81	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	16.14	17.18	17.54	16.95	4.28	ppb
Phosphorus	31-2	43298.77	44691.69	47043.02	45011.16	4.20	ppb
Potassium	39-2	265537.93	270326.93	282756.36	272873.74	3.26	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	13.57	0.01	14.62	9.40	86.68	ppb
Selenium	78-2	0.14	0.47	3.56	1.39	135.82	ppb
Selenium	82-1	0.94	2.22	0.98	1.38	53.00	ppb
Silicon	28-1	2185.47	2159.51	2129.16	2158.05	1.31	ppb
Silver	109-1	0.11	0.07	0.15	0.11	34.77	ppb
Silver	107-1	0.10	0.12	0.13	0.12	9.94	ppb
Sodium	23-2	274087.21	274907.14	288460.25	279151.53	2.89	ppb
Strontium	86-1	350.73	347.15	346.26	348.05	0.68	ppb
Strontium	88-1	360.38	353.24	352.16	355.26	1.26	ppb
Sulfur	34-1	42762.11	43315.20	43325.90	43134.40	0.75	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.12	0.14	0.13	0.13	9.10	ppb
Thallium	205-1	0.12	0.12	0.15	0.13	12.45	ppb
Tin	118-1	1.95	2.06	1.95	1.99	3.13	ppb
Titanium	47-1	50.68	52.29	49.70	50.89	2.57	ppb
Uranium	238-1	0.09	0.10	0.10	0.10	2.95	ppb
Vanadium	51-2	5.71	5.66	5.94	5.77	2.59	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	547.66	550.93	581.69	560.10	3.35	ppb
Zirconium	90-1	1.88	1.89	1.88	1.88	0.28	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	2.01	1.78	1.93	1.90	6.12	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-01	Instrumnet Name :	P8
Client Sample ID :	1706195526-27-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:17:46	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.82	25.12	26.38	24.44	9.64	ppb
Antimony	121-1	0.03	0.03	0.04	0.03	14.24	ppb
Arsenic	75-2	0.45	0.55	0.53	0.51	10.12	ppb
Barium	135-1	1.21	1.17	1.31	1.23	5.80	ppb
Barium	137-1	1.19	1.20	1.14	1.18	3.04	ppb
Beryllium	9-1	0.07	0.02	0.02	0.04	67.63	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	16.12	14.65	14.81	15.19	5.34	ppb
Boron	10-1	14.93	14.28	15.60	14.94	4.41	ppb
Cadmium	106-1	-0.47	-1.25	-0.91	-0.88		ppb
Cadmium	108-1	0.09	-0.01	0.13	0.07	99.82	ppb
Cadmium	111-1	-0.05	-0.09	-0.08	-0.07		ppb
Calcium	43-1	646.78	608.47	649.82	635.02	3.63	ppb
Calcium	44-1	1113.15	1099.96	1098.02	1103.71	0.75	ppb
Chromium	52-2	1.65	1.57	1.95	1.72	11.58	ppb
Cobalt	59-2	0.04	0.05	0.04	0.04	13.88	ppb
Copper	63-2	0.51	0.56	0.59	0.55	7.01	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	52.62	51.35	53.73	52.57	2.26	ppb
Iron	57-2	50.98	53.33	58.12	54.14	6.73	ppb
Lead	206-1	0.17	0.15	0.13	0.15	14.82	ppb
Lead	207-1	0.12	0.12	0.13	0.12	5.18	ppb
Lead	208-1	0.15	0.14	0.13	0.14	5.31	ppb
Lithium	6-1						%
Magnesium	24-2	1407.07	1366.12	1458.49	1410.56	3.28	ppb
Manganese	55-2	7.87	8.29	8.63	8.26	4.65	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-01	Instrumnet Name :	P8
Client Sample ID :	1706195526-27-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:17:46	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	0.28	0.30	0.32	0.30	7.35	ppb
Molybdenum	94-1	0.12	0.11	0.10	0.11	10.58	ppb
Molybdenum	95-1	0.33	0.22	0.26	0.27	21.22	ppb
Molybdenum	96-1	0.24	0.22	0.25	0.24	7.00	ppb
Molybdenum	97-1	0.30	0.28	0.23	0.27	14.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.65	0.63	0.63	0.64	1.17	ppb
Phosphorus	31-2	7044.32	6599.91	6996.65	6880.29	3.55	ppb
Potassium	39-2	4565.45	4462.32	4609.86	4545.88	1.67	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-0.02	-0.03	0.00	-0.02		ppb
Selenium	78-2	-0.57	0.10	0.46	0.00		ppb
Selenium	82-1	0.37	0.94	1.23	0.85	52.10	ppb
Silicon	28-1	717.23	709.57	704.69	710.50	0.89	ppb
Silver	109-1	0.03	0.04	0.03	0.03	23.50	ppb
Silver	107-1	0.04	0.03	0.04	0.04	11.56	ppb
Sodium	23-2	2277.68	2273.87	2361.22	2304.26	2.14	ppb
Strontium	86-1	0.78	0.80	0.81	0.80	2.13	ppb
Strontium	88-1	0.96	0.91	0.95	0.94	2.45	ppb
Sulfur	34-1	6729.49	6444.01	6173.34	6448.95	4.31	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.01	0.00	0.01	0.01	129.53	ppb
Thallium	205-1	0.02	0.00	0.01	0.01	96.27	ppb
Tin	118-1	1.15	1.14	1.06	1.11	4.48	ppb
Titanium	47-1	2.80	2.68	2.79	2.76	2.44	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.07	0.10	0.08	0.08	19.96	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	6.95	6.75	6.77	6.82	1.60	ppb
Zirconium	90-1	0.05	0.03	0.03	0.03	26.80	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-01	Instrumnet Name :	P8
Client Sample ID :	1706195526-27-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:17:46	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.03	0.06	0.05	0.05	26.77	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	238.21	243.25	240.98	240.81	1.05	ppb
Antimony	121-1	0.77	0.76	0.73	0.75	2.80	ppb
Arsenic	75-2	2.68	2.82	2.96	2.82	4.84	ppb
Barium	135-1	0.58	0.51	0.52	0.54	6.89	ppb
Barium	137-1	0.42	0.39	0.42	0.41	5.02	ppb
Beryllium	9-1	0.15	0.24	0.19	0.19	23.83	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	890.55	913.12	952.61	918.76	3.42	ppb
Boron	10-1	863.16	871.57	905.82	880.18	2.57	ppb
Cadmium	106-1	1.92	1.34	1.68	1.65	17.67	ppb
Cadmium	108-1	0.66	0.89	0.52	0.69	26.82	ppb
Cadmium	111-1	0.65	0.65	0.60	0.63	4.49	ppb
Calcium	43-1	7792.40	7722.51	7691.20	7735.37	0.67	ppb
Calcium	44-1	8307.93	8216.67	8050.09	8191.56	1.60	ppb
Chromium	52-2	24.08	24.59	23.72	24.13	1.81	ppb
Cobalt	59-2	1.18	1.21	1.18	1.19	1.07	ppb
Copper	63-2	4.93	4.93	4.86	4.91	0.81	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	442.85	451.16	441.60	445.20	1.17	ppb
Iron	57-2	449.13	469.20	451.11	456.48	2.42	ppb
Lead	206-1	0.71	0.67	0.67	0.69	3.61	ppb
Lead	207-1	0.58	0.64	0.59	0.60	4.84	ppb
Lead	208-1	0.63	0.64	0.64	0.64	1.06	ppb
Lithium	6-1						%
Magnesium	24-2	1164218.45	1189126.59	1176020.23	1176455.09	1.06	ppb
Manganese	55-2	143.86	143.80	143.84	143.83	0.02	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	3.67	3.59	3.72	3.66	1.72	ppb
Molybdenum	94-1	1.92	1.96	2.05	1.98	3.31	ppb
Molybdenum	95-1	3.50	3.56	3.61	3.56	1.64	ppb
Molybdenum	96-1	3.12	3.42	3.19	3.24	4.84	ppb
Molybdenum	97-1	3.85	3.75	3.64	3.75	2.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.94	21.00	21.16	21.03	0.54	ppb
Phosphorus	31-2	451.59	416.10	348.12	405.27	12.97	ppb
Potassium	39-2	127.93	145.75	122.08	131.92	9.35	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	8.85	4.41	19.75	11.00	71.74	ppb
Selenium	78-2	2.86	2.51	4.88	3.42	37.39	ppb
Selenium	82-1	0.05	1.12	0.80	0.66	83.26	ppb
Silicon	28-1	1135.73	1103.98	1091.84	1110.52	2.04	ppb
Silver	109-1	0.02	0.02	0.03	0.02	44.99	ppb
Silver	107-1	0.03	0.04	0.03	0.03	19.04	ppb
Sodium	23-2	2239.57	2249.15	2257.52	2248.75	0.40	ppb
Strontium	86-1	18.43	18.42	18.56	18.47	0.44	ppb
Strontium	88-1	18.17	18.86	18.39	18.48	1.91	ppb
Sulfur	34-1	12605.81	12945.58	12961.92	12837.77	1.57	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.00	0.02	0.01	0.01	73.51	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	17.44	ppb
Tin	118-1	2.82	2.81	2.93	2.86	2.42	ppb
Titanium	47-1	14.35	13.22	14.38	13.98	4.72	ppb
Uranium	238-1	0.64	0.68	0.64	0.65	3.27	ppb
Vanadium	51-2	33.57	33.62	33.59	33.59	0.07	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	30.39	31.67	30.38	30.81	2.42	ppb
Zirconium	90-1	1.24	1.33	1.28	1.28	3.52	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	1.25	1.39	1.28	1.31	5.62	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	49270.02	49294.95	48682.95	49082.64	0.71	ppb
Antimony	121-1	524.59	529.17	518.65	524.14	1.01	ppb
Arsenic	75-2	511.77	514.16	509.72	511.88	0.43	ppb
Barium	135-1	2570.19	2604.11	2609.38	2594.56	0.82	ppb
Barium	137-1	2584.52	2599.64	2580.98	2588.38	0.38	ppb
Beryllium	9-1	589.71	577.39	567.67	578.26	1.91	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	598.95	593.65	595.65	596.08	0.45	ppb
Boron	10-1	599.97	588.23	591.42	593.21	1.02	ppb
Cadmium	106-1	521.55	513.36	513.20	516.04	0.93	ppb
Cadmium	108-1	508.89	513.80	512.65	511.78	0.50	ppb
Cadmium	111-1	499.17	493.72	497.23	496.71	0.56	ppb
Calcium	43-1	244840.73	241722.47	244038.09	243533.76	0.66	ppb
Calcium	44-1	244599.87	243554.94	240412.11	242855.64	0.90	ppb
Chromium	52-2	495.97	498.68	490.61	495.09	0.83	ppb
Cobalt	59-2	490.91	493.18	482.03	488.71	1.21	ppb
Copper	63-2	940.70	957.80	936.60	945.03	1.19	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						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	120566.34	119749.41	119976.50	120097.41	0.35	ppb
Iron	57-2	122326.32	123261.78	122349.43	122645.84	0.44	ppb
Lead	206-1	497.94	492.22	491.54	493.90	0.71	ppb
Lead	207-1	495.26	487.26	488.66	490.39	0.87	ppb
Lead	208-1	508.22	501.96	503.30	504.49	0.65	ppb
Lithium	6-1						%
Magnesium	24-2	248842.75	249497.69	245911.26	248083.90	0.77	ppb
Manganese	55-2	987.92	992.26	986.04	988.74	0.32	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	501.22	491.26	511.31	501.26	2.00	ppb
Molybdenum	94-1	504.70	503.63	510.82	506.39	0.77	ppb
Molybdenum	95-1	503.61	496.77	513.59	504.66	1.68	ppb
Molybdenum	96-1	501.58	500.19	518.90	506.89	2.06	ppb
Molybdenum	97-1	482.95	477.79	494.11	484.95	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	476.36	476.32	470.85	474.51	0.67	ppb
Phosphorus	31-2	9917.03	10589.86	10067.61	10191.50	3.46	ppb
Potassium	39-2	126458.79	125842.88	125364.48	125888.72	0.44	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	549.56	567.58	557.29	558.14	1.62	ppb
Selenium	78-2	511.14	506.61	510.62	509.45	0.49	ppb
Selenium	82-1	491.96	495.00	507.53	498.16	1.66	ppb
Silicon	28-1	486.56	473.99	490.25	483.60	1.76	ppb
Silver	109-1	519.05	517.41	518.19	518.22	0.16	ppb
Silver	107-1	521.46	514.73	519.50	518.56	0.67	ppb
Sodium	23-2	249493.00	250539.82	247788.15	249273.65	0.56	ppb
Strontium	86-1	504.66	501.58	509.04	505.10	0.74	ppb
Strontium	88-1	518.90	512.05	519.08	516.68	0.78	ppb
Sulfur	34-1	11643.22	11045.92	11171.39	11286.84	2.79	ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	519.84	513.14	515.50	516.16	0.66	ppb
Thallium	205-1	520.46	511.05	508.90	513.47	1.20	ppb
Tin	118-1	518.79	523.15	524.46	522.13	0.57	ppb
Titanium	47-1	494.94	492.44	495.42	494.27	0.32	ppb
Uranium	238-1	504.97	502.55	503.10	503.54	0.25	ppb
Vanadium	51-2	499.47	503.93	494.80	499.40	0.91	ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	935.45	936.85	935.41	935.91	0.09	ppb
Zirconium	90-1	501.88	504.84	513.54	506.76	1.20	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	513.56	509.69	517.84	513.70	0.79	ppb

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 18:27:03 DataFile Name : 068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.06	0.98	0.97	0.30	396.80	ppb
Antimony	121-1	0.06	0.04	0.05	0.05	15.24	ppb
Arsenic	75-2	-0.02	0.02	0.04	0.01	238.81	ppb
Barium	135-1	-0.01	0.00	0.00	0.00		ppb
Barium	137-1	-0.02	-0.03	-0.03	-0.03		ppb
Beryllium	9-1	0.06	0.04	0.03	0.05	30.40	ppb
Bismuth	209-1						%
Bismuth	209-2						%
Boron	11-1	20.24	19.25	18.27	19.25	5.10	ppb
Boron	10-1	21.42	19.47	17.16	19.35	11.02	ppb
Cadmium	106-1	-0.94	-0.34	-0.69	-0.66		ppb
Cadmium	108-1	-0.04	-0.04	0.06	-0.01		ppb
Cadmium	111-1	-0.06	-0.02	-0.06	-0.05		ppb
Calcium	43-1	2.33	-12.28	-3.43	-4.46		ppb
Calcium	44-1	7.61	10.54	10.59	9.58	17.80	ppb
Chromium	52-2	-0.03	0.06	0.03	0.02	230.57	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.04	0.01	0.02	0.02	64.52	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1						%
Holmium	165-2						%
Indium	115-1						%
Indium	115-2						%
Iron	56-2	0.74	0.79	0.48	0.67	24.58	ppb
Iron	57-2	0.61	1.32	3.00	1.64	74.97	ppb
Lead	206-1	0.15	0.09	0.08	0.10	36.32	ppb
Lead	207-1	0.09	0.10	0.07	0.09	20.21	ppb
Lead	208-1	0.12	0.10	0.08	0.10	20.50	ppb
Lithium	6-1						%
Magnesium	24-2	1.25	1.22	2.07	1.51	31.99	ppb
Manganese	55-2	-0.07	-0.01	-0.03	-0.04		ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:27:03	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.01	0.01	0.00	0.01	65.76	ppb
Molybdenum	95-1	-0.01	-0.02	-0.02	-0.02		ppb
Molybdenum	96-1	-0.02	-0.02	-0.02	-0.02		ppb
Molybdenum	97-1	-0.01	0.00	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.00	-0.02	-0.01		ppb
Phosphorus	31-2	-13.27	3.06	-5.12	-5.11		ppb
Potassium	39-2	31.10	47.39	39.51	39.33	20.71	ppb
Rhodium	103-1						%
Rhodium	103-2						%
Scandium	45-1						%
Scandium	45-2						%
Selenium	77-2	-2.21	-2.21	-2.21	-2.21		ppb
Selenium	78-2	0.79	-0.24	-0.23	0.11	557.89	ppb
Selenium	82-1	1.97	0.20	0.99	1.05	83.94	ppb
Silicon	28-1	-17.92	-20.00	-20.17	-19.37		ppb
Silver	109-1	0.03	0.02	0.02	0.02	16.47	ppb
Silver	107-1	0.03	0.02	0.03	0.03	15.96	ppb
Sodium	23-2	106.47	95.45	101.04	100.99	5.45	ppb
Strontium	86-1	0.00	0.01	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	56.72	ppb
Sulfur	34-1	-1472.84	-1542.50	-1499.06	-1504.80		ppb
Terbium	159-1						%
Terbium	159-2						%
Thallium	203-1	0.04	0.01	0.01	0.02	71.80	ppb
Thallium	205-1	0.02	0.03	0.02	0.02	9.01	ppb
Tin	118-1	0.06	-0.06	-0.01	0.00		ppb
Titanium	47-1	-0.03	0.06	-0.03	0.00		ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1						%
Yttrium	89-2						%
Zinc	66-2	0.10	0.00	-0.01	0.03	189.09	ppb
Zirconium	90-1	0.02	0.02	0.01	0.02	24.99	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:27:03	DataFile Name :	068CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	91-1	0.01	0.02	0.01	0.01	51.63	ppb

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	42	28	62.46	cps
Antimony	121-1	92	50	75	72	29.04	cps
Arsenic	75-2	6	15	13	11	44.06	cps
Barium	135-1	67	58	17	47	56.72	cps
Barium	137-1	67	133	75	92	39.63	cps
Beryllium	9-1	22	78	56	52	53.93	cps
Bismuth	209-1	3577446	3512814	3540134	3543465	0.92	cps
Bismuth	209-2	1711000	1727731	1723465	1720732	0.51	cps
Boron	11-1	1550	1809	1734	1697	7.83	cps
Boron	10-1	367	392	433	397	8.48	cps
Cadmium	106-1	1975	1734	1734	1814	7.69	cps
Cadmium	108-1	13	4	13	10	49.46	cps
Cadmium	111-1	1391	1248	1242	1294	6.49	cps
Calcium	43-1	7177	6535	6460	6724	5.86	cps
Calcium	44-1	75428	77246	76626	76433	1.21	cps
Chromium	52-2	940	970	977	962	2.03	cps
Cobalt	59-2	87	83	113	94	17.41	cps
Copper	63-2	480	363	490	444	15.85	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	42	33	25.01	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	92	83	75	83	10.00	cps
Gadolinium	160-2	27	40	13	27	50.01	cps
Holmium	165-1	6176322	5989817	5943679	6036606	2.04	cps
Holmium	165-2	2401594	2409941	2428082	2413206	0.56	cps
Indium	115-1	6040412	6082536	6030064	6051004	0.46	cps
Indium	115-2	529193	531350	534047	531530	0.46	cps
Iron	56-2	3639	3539	3817	3665	3.84	cps
Iron	57-2	67	111	133	104	32.73	cps
Lead	206-1	322	389	422	378	13.48	cps
Lead	207-1	422	311	350	361	15.61	cps
Lead	208-1	1556	1572	1533	1554	1.26	cps
Lithium	6-1	773845	766999	765344	768729	0.59	cps
Magnesium	24-2	142	75	50	89	53.31	cps
Manganese	55-2	103	90	123	106	15.90	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	125	142	117	128	9.96	cps
Molybdenum	94-1	217	150	200	189	18.37	cps
Molybdenum	95-1	92	75	100	89	14.32	cps
Molybdenum	96-1	150	150	217	172	22.35	cps
Molybdenum	97-1	33	58	67	53	32.88	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	63	70	67	5.00	cps
Phosphorus	31-2	33	0	8	14	124.92	cps
Potassium	39-2	5276	5693	5576	5515	3.90	cps
Rhodium	103-1	6113300	6059120	5992575	6054998	1.00	cps
Rhodium	103-2	2562006	2564279	2521067	2549117	0.95	cps
Scandium	45-1	4386191	4375289	4372108	4377863	0.17	cps
Scandium	45-2	63332	63419	64112	63621	0.67	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	13	2	0	5	141.99	cps
Selenium	82-1	-115	-110	-34	-87	-52.37	cps
Silicon	28-1	444540	441624	440797	442320	0.44	cps
Silver	109-1	75	50	75	67	21.65	cps
Silver	107-1	100	50	58	69	38.57	cps
Sodium	23-2	4643	4393	4543	4526	2.78	cps
Strontium	86-1	2892	2850	2609	2784	5.50	cps
Strontium	88-1	117	92	100	103	12.38	cps
Sulfur	34-1	372258	376277	369592	372709	0.90	cps
Terbium	159-1	6515286	6332327	6404074	6417229	1.44	cps
Terbium	159-2	2451140	2413085	2446943	2437056	0.86	cps
Thallium	203-1	67	100	58	75	29.39	cps
Thallium	205-1	125	175	133	144	18.54	cps
Tin	118-1	1675	1800	1875	1784	5.67	cps
Titanium	47-1	208	242	242	231	8.35	cps
Uranium	238-1	333	317	242	297	16.43	cps
Vanadium	51-2	33	30	10	24	51.62	cps
Yttrium	89-1	6777428	6613708	6656231	6682456	1.27	cps
Yttrium	89-2	403254	406314	400334	403301	0.74	cps
Zinc	66-2	90	100	87	92	7.52	cps
Zirconium	90-1	308	450	350	369	19.71	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 14:56:15	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	67	83	89	28.64	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P8
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:03:15 DataFile Name : 005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	233	175	206	14.24	cps
Antimony	121-1	15293	15501	16319	15704	3.45	cps
Arsenic	75-2	196	204	200	200	1.85	cps
Barium	135-1	14867	15009	14617	14831	1.34	cps
Barium	137-1	24507	24399	25392	24766	2.20	cps
Beryllium	9-1	1150	1300	1189	1213	6.42	cps
Bismuth	209-1	3405577	3364036	3324363	3364659	1.21	cps
Bismuth	209-2	1686678	1668374	1670933	1675328	0.59	cps
Boron	11-1	17603	17687	18196	17828	1.80	cps
Boron	10-1	3517	3534	3559	3537	0.59	cps
Cadmium	106-1	2125	1884	1784	1931	9.10	cps
Cadmium	108-1	204	188	150	181	15.37	cps
Cadmium	111-1	2941	2933	2848	2907	1.78	cps
Calcium	43-1	16619	17170	16477	16755	2.18	cps
Calcium	44-1	244164	247776	246825	246255	0.76	cps
Chromium	52-2	4154	4527	4264	4315	4.45	cps
Cobalt	59-2	2990	2960	3044	2998	1.41	cps
Copper	63-2	6221	6005	5911	6046	2.63	cps
Dysprosium	156-1	8	0	17	8	100.02	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	50	75	75	67	21.65	cps
Gadolinium	160-2	30	23	17	23	28.56	cps
Holmium	165-1	5916104	5854685	5854629	5875139	0.60	cps
Holmium	165-2	2369626	2357400	2343863	2356963	0.55	cps
Indium	115-1	5867579	5832952	5758754	5819762	0.96	cps
Indium	115-2	524390	525702	517963	522685	0.79	cps
Iron	56-2	55237	56253	54585	55358	1.52	cps
Iron	57-2	1272	1367	1411	1350	5.25	cps
Lead	206-1	4062	4156	4379	4199	3.87	cps
Lead	207-1	3906	3745	3801	3817	2.14	cps
Lead	208-1	16944	16961	17088	16998	0.46	cps
Lithium	6-1	735999	718440	723404	725948	1.25	cps
Magnesium	24-2	24956	24438	25014	24803	1.28	cps
Manganese	55-2	600	500	490	530	11.48	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:03:15	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	28131	26326	27512	27323	3.36	cps
Molybdenum	94-1	14767	13949	14183	14300	2.94	cps
Molybdenum	95-1	17846	17679	17829	17785	0.52	cps
Molybdenum	96-1	19557	19356	19173	19362	0.99	cps
Molybdenum	97-1	10830	11030	10705	10855	1.51	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	937	963	1010	970	3.83	cps
Phosphorus	31-2	8	8	17	11	43.34	cps
Potassium	39-2	23779	23011	23604	23465	1.71	cps
Rhodium	103-1	5966118	5879599	5744848	5863521	1.90	cps
Rhodium	103-2	2526784	2490576	2461928	2493096	1.30	cps
Scandium	45-1	4275220	4276032	4137146	4229466	1.89	cps
Scandium	45-2	62143	62351	62696	62397	0.45	cps
Selenium	77-2	0	10	7	6	91.64	cps
Selenium	78-2	31	44	30	35	22.94	cps
Selenium	82-1	694	516	316	509	37.22	cps
Silicon	28-1	482217	482753	487349	484106	0.58	cps
Silver	109-1	11939	11831	11397	11722	2.45	cps
Silver	107-1	12131	12114	12173	12139	0.25	cps
Sodium	23-2	65493	65493	64605	65197	0.79	cps
Strontium	86-1	5060	4926	4984	4990	1.34	cps
Strontium	88-1	19823	19840	19974	19879	0.41	cps
Sulfur	34-1	369146	368169	367639	368318	0.21	cps
Terbium	159-1	6278487	6144877	6143962	6189109	1.25	cps
Terbium	159-2	2429709	2411814	2369244	2403589	1.29	cps
Thallium	203-1	4509	4426	4643	4526	2.42	cps
Thallium	205-1	10697	10897	11231	10941	2.47	cps
Tin	118-1	30544	30436	30519	30500	0.19	cps
Titanium	47-1	5401	5526	5701	5543	2.72	cps
Uranium	238-1	12715	12774	12323	12604	1.94	cps
Vanadium	51-2	5344	5454	5298	5366	1.50	cps
Yttrium	89-1	6602662	6444928	6366333	6471308	1.86	cps
Yttrium	89-2	398112	399282	393814	397069	0.73	cps
Zinc	66-2	573	637	637	616	5.94	cps
Zirconium	90-1	13240	12423	12064	12576	4.79	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:03:15	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3117	2792	2750	2887	6.96	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11263	11063	11588	11305	2.35	cps
Antimony	121-1	418112	417516	417983	417870	0.08	cps
Arsenic	75-2	9898	10037	10050	9995	0.84	cps
Barium	135-1	408744	412665	407994	409801	0.61	cps
Barium	137-1	703232	712590	701753	705858	0.83	cps
Beryllium	9-1	63407	61431	62268	62369	1.59	cps
Bismuth	209-1	3542859	3492664	3464709	3500077	1.13	cps
Bismuth	209-2	1705253	1648498	1692236	1681996	1.77	cps
Boron	11-1	36765	38110	37367	37414	1.80	cps
Boron	10-1	8119	7727	7702	7850	2.98	cps
Cadmium	106-1	11322	11647	11155	11375	2.20	cps
Cadmium	108-1	7123	7090	7252	7155	1.20	cps
Cadmium	111-1	97612	99536	96066	97738	1.78	cps
Calcium	43-1	124624	123397	123086	123702	0.66	cps
Calcium	44-1	2004881	1988160	2003034	1998692	0.46	cps
Chromium	52-2	82203	82940	82599	82581	0.45	cps
Cobalt	59-2	160154	160893	158530	159859	0.76	cps
Copper	63-2	280731	278128	277428	278762	0.62	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	17	25	19	24.73	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	92	67	117	92	27.27	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	5975599	5931833	6004911	5970781	0.62	cps
Holmium	165-2	2385744	2291502	2358520	2345255	2.07	cps
Indium	115-1	6019927	5913983	5888454	5940788	1.17	cps
Indium	115-2	524914	501994	520858	515922	2.37	cps
Iron	56-2	2894163	2916726	2888743	2899878	0.51	cps
Iron	57-2	69249	71003	70573	70275	1.30	cps
Lead	206-1	192079	195026	194780	193962	0.84	cps
Lead	207-1	173749	174006	174591	174115	0.25	cps
Lead	208-1	785687	784679	784822	785063	0.07	cps
Lithium	6-1	747351	736378	739372	741034	0.77	cps
Magnesium	24-2	275456	273050	271412	273306	0.74	cps
Manganese	55-2	49464	49822	49966	49751	0.52	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	307651	305317	305161	306043	0.46	cps
Molybdenum	94-1	355974	357345	355039	356119	0.33	cps
Molybdenum	95-1	195067	191933	192252	193084	0.89	cps
Molybdenum	96-1	244332	242965	245426	244241	0.50	cps
Molybdenum	97-1	120717	118960	120548	120075	0.81	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	47635	47785	48290	47903	0.72	cps
Phosphorus	31-2	950	933	1142	1008	11.48	cps
Potassium	39-2	102597	102362	102639	102533	0.15	cps
Rhodium	103-1	5939754	5940645	5875051	5918483	0.64	cps
Rhodium	103-2	2497761	2382484	2499095	2459780	2.72	cps
Scandium	45-1	4366675	4370124	4314707	4350502	0.71	cps
Scandium	45-2	61956	60775	62214	61648	1.24	cps
Selenium	77-2	107	80	100	96	14.52	cps
Selenium	78-2	256	233	330	273	18.48	cps
Selenium	82-1	6470	6280	6402	6384	1.52	cps
Silicon	28-1	708681	710159	707702	708848	0.17	cps
Silver	109-1	463224	463603	465269	464032	0.23	cps
Silver	107-1	490866	487328	483598	487264	0.75	cps
Sodium	23-2	675657	680308	671121	675695	0.68	cps
Strontium	86-1	124901	127653	125186	125913	1.20	cps
Strontium	88-1	1067847	1055194	1053075	1058705	0.75	cps
Sulfur	34-1	406701	402483	399458	402881	0.90	cps
Terbium	159-1	6375464	6342503	6333956	6350641	0.35	cps
Terbium	159-2	2384916	2283568	2379099	2349194	2.42	cps
Thallium	203-1	238983	239268	245003	241085	1.41	cps
Thallium	205-1	567580	576024	575085	572897	0.81	cps
Tin	118-1	292536	288757	290291	290528	0.65	cps
Titanium	47-1	60708	59636	59469	59938	1.12	cps
Uranium	238-1	683426	677625	675745	678932	0.59	cps
Vanadium	51-2	57099	57883	57625	57536	0.69	cps
Yttrium	89-1	6501491	6496626	6461096	6486404	0.34	cps
Yttrium	89-2	395161	377860	397572	390198	2.76	cps
Zinc	66-2	28944	28917	28533	28798	0.80	cps
Zirconium	90-1	675933	675814	669896	673881	0.51	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:06:43	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	150828	150558	149656	150347	0.41	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:10:11 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28471	28062	28504	28346	0.87	cps
Antimony	121-1	1062140	1056757	1067116	1062004	0.49	cps
Arsenic	75-2	25616	26077	26125	25939	1.08	cps
Barium	135-1	1039632	1036703	1039754	1038696	0.17	cps
Barium	137-1	1800990	1770679	1783894	1785188	0.85	cps
Beryllium	9-1	155747	158851	155887	156828	1.12	cps
Bismuth	209-1	3547913	3533973	3546973	3542953	0.22	cps
Bismuth	209-2	1825328	1783352	1747530	1785403	2.18	cps
Boron	11-1	90661	94679	92967	92769	2.17	cps
Boron	10-1	18972	18629	19798	19133	3.14	cps
Cadmium	106-1	26619	26970	26836	26808	0.66	cps
Cadmium	108-1	17132	16736	17549	17139	2.37	cps
Cadmium	111-1	245383	246708	244535	245542	0.45	cps
Calcium	43-1	298744	302483	299511	300246	0.66	cps
Calcium	44-1	4816462	4796131	4860868	4824487	0.69	cps
Chromium	52-2	208718	206983	208035	207912	0.42	cps
Cobalt	59-2	404059	403230	404603	403964	0.17	cps
Copper	63-2	701180	701275	697796	700083	0.28	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	92	67	92	83	17.32	cps
Gadolinium	160-2	27	17	27	23	24.74	cps
Holmium	165-1	6002988	6010568	6032993	6015516	0.26	cps
Holmium	165-2	2451667	2477900	2424817	2451461	1.08	cps
Indium	115-1	5902926	5999909	5942572	5948469	0.82	cps
Indium	115-2	531702	531546	529269	530839	0.26	cps
Iron	56-2	7243523	7229014	7212260	7228266	0.22	cps
Iron	57-2	180610	179334	181017	180320	0.49	cps
Lead	206-1	490870	490922	489791	490528	0.13	cps
Lead	207-1	444090	439797	443216	442368	0.51	cps
Lead	208-1	1986723	1981786	1989073	1985861	0.19	cps
Lithium	6-1	759946	749126	753294	754122	0.72	cps
Magnesium	24-2	693431	693909	688807	692049	0.41	cps
Manganese	55-2	126032	125272	125871	125725	0.32	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:10:11	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	768731	773554	776433	772906	0.50	cps
Molybdenum	94-1	891522	891966	904457	895981	0.82	cps
Molybdenum	95-1	488972	486754	489646	488457	0.31	cps
Molybdenum	96-1	615384	619178	619281	617948	0.36	cps
Molybdenum	97-1	300928	303587	301432	301982	0.47	cps
Neodymium	150-1	40	60	27	42	39.73	cps
Neodymium	150-2	3	7	13	8	65.47	cps
Nickel	60-2	120052	118630	119867	119516	0.65	cps
Phosphorus	31-2	2492	2725	2442	2553	5.92	cps
Potassium	39-2	253179	253459	252408	253015	0.22	cps
Rhodium	103-1	5866639	5945099	6004840	5938860	1.17	cps
Rhodium	103-2	2527660	2527524	2516876	2524020	0.25	cps
Scandium	45-1	4353499	4344985	4324677	4341054	0.34	cps
Scandium	45-2	63965	63884	64253	64034	0.30	cps
Selenium	77-2	217	267	247	243	10.34	cps
Selenium	78-2	720	722	752	732	2.41	cps
Selenium	82-1	16468	16372	16507	16449	0.42	cps
Silicon	28-1	970191	1020131	989955	993426	2.53	cps
Silver	109-1	1168689	1163221	1175596	1169168	0.53	cps
Silver	107-1	1222879	1230361	1242835	1232025	0.82	cps
Sodium	23-2	1725589	1744466	1720796	1730284	0.72	cps
Strontium	86-1	314629	313844	317578	315351	0.62	cps
Strontium	88-1	2722768	2674115	2766435	2721106	1.70	cps
Sulfur	34-1	460398	458666	459904	459656	0.19	cps
Terbium	159-1	6383614	6538948	6449073	6457212	1.21	cps
Terbium	159-2	2522368	2463036	2496286	2493897	1.19	cps
Thallium	203-1	610465	608630	609870	609655	0.15	cps
Thallium	205-1	1447782	1454227	1458939	1453649	0.39	cps
Tin	118-1	729137	738685	739834	735885	0.80	cps
Titanium	47-1	148462	150138	149591	149397	0.57	cps
Uranium	238-1	1741454	1753739	1746821	1747338	0.35	cps
Vanadium	51-2	147632	146392	146351	146792	0.50	cps
Yttrium	89-1	6638299	6601808	6637862	6625989	0.32	cps
Yttrium	89-2	401661	406895	405945	404834	0.69	cps
Zinc	66-2	72133	73034	72615	72594	0.62	cps
Zirconium	90-1	1744945	1734227	1737516	1738896	0.32	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:10:11	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	377426	378139	381317	378961	0.55	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	56213	53736	55710	55219	2.37	cps
Antimony	121-1	2150923	2182428	2168820	2167390	0.73	cps
Arsenic	75-2	51172	51128	50665	50988	0.55	cps
Barium	135-1	2118314	2124862	2125152	2122776	0.18	cps
Barium	137-1	3621040	3632418	3651647	3635035	0.43	cps
Beryllium	9-1	311116	311392	314830	312446	0.66	cps
Bismuth	209-1	3530042	3613942	3471179	3538388	2.03	cps
Bismuth	209-2	1724031	1771660	1733111	1742934	1.45	cps
Boron	11-1	183393	188557	186854	186268	1.41	cps
Boron	10-1	38561	38670	40274	39168	2.45	cps
Cadmium	106-1	52052	52445	52545	52347	0.50	cps
Cadmium	108-1	34570	34499	34716	34595	0.32	cps
Cadmium	111-1	486891	489226	489913	488677	0.32	cps
Calcium	43-1	589767	589730	584198	587899	0.55	cps
Calcium	44-1	9473430	9362375	9451992	9429266	0.62	cps
Chromium	52-2	403744	404431	404382	404185	0.09	cps
Cobalt	59-2	794844	782948	784905	787566	0.81	cps
Copper	63-2	1379390	1369998	1362532	1370640	0.62	cps
Dysprosium	156-1	83	17	33	44	78.07	cps
Dysprosium	156-2	7	3	20	10	88.20	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	142	133	83	119	26.41	cps
Gadolinium	160-2	37	23	40	33	26.47	cps
Holmium	165-1	6081578	6071997	5938786	6030787	1.32	cps
Holmium	165-2	2403024	2455545	2428157	2428909	1.08	cps
Indium	115-1	5960165	6021306	5946744	5976071	0.67	cps
Indium	115-2	524344	524976	526438	525253	0.20	cps
Iron	56-2	14144636	14040929	14012737	14066101	0.49	cps
Iron	57-2	355009	351812	352232	353018	0.49	cps
Lead	206-1	998116	993998	985334	992483	0.66	cps
Lead	207-1	898525	894791	888634	893983	0.56	cps
Lead	208-1	4033179	4069613	4028611	4043801	0.56	cps
Lithium	6-1	755395	753346	739496	749413	1.15	cps
Magnesium	24-2	1356850	1377084	1372325	1368753	0.77	cps
Manganese	55-2	245994	245740	245159	245631	0.17	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1569601	1598691	1589312	1585868	0.94	cps
Molybdenum	94-1	1836434	1821324	1816234	1824664	0.58	cps
Molybdenum	95-1	978402	970609	975708	974906	0.41	cps
Molybdenum	96-1	1236644	1238298	1238388	1237776	0.08	cps
Molybdenum	97-1	608759	616225	611051	612012	0.62	cps
Neodymium	150-1	47	60	100	69	40.29	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	233851	233085	232949	233295	0.21	cps
Phosphorus	31-2	4618	5034	4759	4804	4.41	cps
Potassium	39-2	483465	490367	492199	488677	0.94	cps
Rhodium	103-1	5955199	5952641	5771243	5893028	1.79	cps
Rhodium	103-2	2501161	2509649	2479928	2496913	0.61	cps
Scandium	45-1	4334530	4345077	4218773	4299460	1.63	cps
Scandium	45-2	62060	63737	62612	62803	1.36	cps
Selenium	77-2	387	420	473	427	10.25	cps
Selenium	78-2	1480	1439	1408	1442	2.51	cps
Selenium	82-1	32665	32845	32499	32670	0.53	cps
Silicon	28-1	1527556	1526090	1510293	1521313	0.63	cps
Silver	109-1	2371325	2373199	2397849	2380791	0.62	cps
Silver	107-1	2503281	2505435	2545312	2518009	0.94	cps
Sodium	23-2	3352750	3376241	3346804	3358598	0.46	cps
Strontium	86-1	627181	621559	628066	625602	0.56	cps
Strontium	88-1	5422718	5388308	5308668	5373231	1.09	cps
Sulfur	34-1	542891	544979	540754	542875	0.39	cps
Terbium	159-1	6440703	6486865	6395060	6440876	0.71	cps
Terbium	159-2	2482769	2470460	2456167	2469799	0.54	cps
Thallium	203-1	1238521	1231858	1223374	1231251	0.62	cps
Thallium	205-1	2984676	2965864	2944155	2964898	0.68	cps
Tin	118-1	1478924	1486807	1470128	1478620	0.56	cps
Titanium	47-1	296709	295644	295669	296007	0.21	cps
Uranium	238-1	3524025	3563024	3589312	3558787	0.92	cps
Vanadium	51-2	288802	290098	290388	289763	0.29	cps
Yttrium	89-1	6623636	6568773	6431674	6541361	1.51	cps
Yttrium	89-2	399275	400751	401214	400413	0.25	cps
Zinc	66-2	142984	141685	142822	142497	0.50	cps
Zirconium	90-1	3447969	3395812	3460053	3434611	0.99	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:13:34	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	766514	758367	767139	764006	0.64	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108270	104736	105053	106020	1.84	cps
Antimony	121-1	4207681	4206398	4243214	4219098	0.50	cps
Arsenic	75-2	98481	97461	96915	97619	0.81	cps
Barium	135-1	4174554	4110906	4207503	4164321	1.18	cps
Barium	137-1	7068678	6973650	7168597	7070308	1.38	cps
Beryllium	9-1	610108	605021	613446	609525	0.70	cps
Bismuth	209-1	3494995	3562428	3505615	3521013	1.03	cps
Bismuth	209-2	1710859	1703695	1752485	1722347	1.53	cps
Boron	11-1	363778	365887	372604	367423	1.25	cps
Boron	10-1	76539	75700	77912	76717	1.46	cps
Cadmium	106-1	101556	100802	100382	100913	0.59	cps
Cadmium	108-1	67308	66773	66790	66957	0.45	cps
Cadmium	111-1	961231	954786	951961	955993	0.50	cps
Calcium	43-1	1142696	1152189	1162042	1152309	0.84	cps
Calcium	44-1	18461645	18555987	18415060	18477564	0.39	cps
Chromium	52-2	782837	774767	777680	778428	0.52	cps
Cobalt	59-2	1546640	1559180	1534545	1546788	0.80	cps
Copper	63-2	2693372	2677608	2649887	2673622	0.82	cps
Dysprosium	156-1	75	75	83	78	6.19	cps
Dysprosium	156-2	13	13	33	20	57.74	cps
Erbium	164-1	58	58	17	44	54.12	cps
Erbium	164-2	7	13	13	11	34.61	cps
Gadolinium	160-1	108	150	125	128	16.41	cps
Gadolinium	160-2	50	43	43	46	8.45	cps
Holmium	165-1	6103433	6046296	6098962	6082897	0.52	cps
Holmium	165-2	2431363	2429437	2430856	2430552	0.04	cps
Indium	115-1	5878471	5820760	5904626	5867952	0.73	cps
Indium	115-2	508570	505612	500145	504776	0.85	cps
Iron	56-2	27328636	26902810	26790109	27007185	1.05	cps
Iron	57-2	686763	677869	674703	679778	0.92	cps
Lead	206-1	1980678	2017416	2010421	2002838	0.97	cps
Lead	207-1	1801674	1834876	1791416	1809322	1.26	cps
Lead	208-1	8051973	8108639	8089762	8083458	0.36	cps
Lithium	6-1	748131	745985	753343	749153	0.51	cps
Magnesium	24-2	2673896	2601923	2599389	2625069	1.61	cps
Manganese	55-2	474643	469892	468561	471032	0.68	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3148257	3082777	3077768	3102934	1.27	cps
Molybdenum	94-1	3587377	3537782	3583579	3569580	0.77	cps
Molybdenum	95-1	1963035	1951510	1962130	1958892	0.33	cps
Molybdenum	96-1	2537999	2479180	2543419	2520199	1.41	cps
Molybdenum	97-1	1199016	1181584	1199618	1193406	0.86	cps
Neodymium	150-1	87	153	160	133	30.41	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	451957	449477	444990	448808	0.79	cps
Phosphorus	31-2	8786	9203	8837	8942	2.55	cps
Potassium	39-2	931551	918713	920838	923701	0.74	cps
Rhodium	103-1	5744972	5751508	5811778	5769419	0.64	cps
Rhodium	103-2	2445180	2423520	2435794	2434832	0.45	cps
Scandium	45-1	4284227	4279431	4305005	4289554	0.32	cps
Scandium	45-2	60442	61039	60228	60570	0.69	cps
Selenium	77-2	793	837	747	792	5.68	cps
Selenium	78-2	2639	2589	2617	2615	0.96	cps
Selenium	82-1	63704	63373	63427	63501	0.28	cps
Silicon	28-1	2537527	2533118	2548309	2539651	0.31	cps
Silver	109-1	4582241	4500683	4570778	4551234	0.97	cps
Silver	107-1	4890775	4811020	4910159	4870651	1.08	cps
Sodium	23-2	6405813	6321742	6322645	6350067	0.76	cps
Strontium	86-1	1235717	1237917	1235469	1236368	0.11	cps
Strontium	88-1	10559673	10464238	10342098	10455337	1.04	cps
Sulfur	34-1	710824	712900	718172	713966	0.53	cps
Terbium	159-1	6359982	6434252	6395192	6396475	0.58	cps
Terbium	159-2	2464277	2440246	2450561	2451694	0.49	cps
Thallium	203-1	2515678	2488856	2504506	2503013	0.54	cps
Thallium	205-1	5821994	5794515	5857346	5824618	0.54	cps
Tin	118-1	2944157	2977032	2958031	2959740	0.56	cps
Titanium	47-1	584482	583385	583508	583792	0.10	cps
Uranium	238-1	6911000	7047135	7068389	7008841	1.22	cps
Vanadium	51-2	560305	555926	555756	557329	0.46	cps
Yttrium	89-1	6473078	6570939	6546731	6530249	0.78	cps
Yttrium	89-2	391081	386166	388951	388733	0.63	cps
Zinc	66-2	272578	269109	266495	269394	1.13	cps
Zirconium	90-1	6831669	6826370	6704558	6787533	1.06	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:16:52	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1509285	1511259	1492250	1504265	0.69	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:23:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	206177	204987	201090	204085	1.30	cps
Antimony	121-1	8294858	8258833	8427213	8326968	1.06	cps
Arsenic	75-2	191909	192537	192353	192266	0.17	cps
Barium	135-1	8237965	8339300	8300798	8292688	0.62	cps
Barium	137-1	14010702	14131727	14245351	14129260	0.83	cps
Beryllium	9-1	1224398	1231904	1214274	1223525	0.72	cps
Bismuth	209-1	3567921	3585914	3597194	3583676	0.41	cps
Bismuth	209-2	1727053	1768180	1723847	1739694	1.42	cps
Boron	11-1	717201	729821	739521	728847	1.54	cps
Boron	10-1	150718	152562	156083	153121	1.78	cps
Cadmium	106-1	194197	193666	194256	194040	0.17	cps
Cadmium	108-1	131938	131745	131244	131642	0.27	cps
Cadmium	111-1	1942731	1919044	1918128	1926634	0.72	cps
Calcium	43-1	2269288	2292180	2297510	2286326	0.66	cps
Calcium	44-1	36440886	36722916	36754004	36639269	0.47	cps
Chromium	52-2	1544355	1520801	1543809	1536322	0.88	cps
Cobalt	59-2	2983410	2981993	3009344	2991582	0.51	cps
Copper	63-2	5113639	5136081	5115755	5121825	0.24	cps
Dysprosium	156-1	83	133	167	128	32.83	cps
Dysprosium	156-2	20	20	27	22	17.33	cps
Erbium	164-1	33	75	67	58	37.80	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	167	133	133	144	13.33	cps
Gadolinium	160-2	43	43	37	41	9.35	cps
Holmium	165-1	6228897	6270607	6221877	6240460	0.42	cps
Holmium	165-2	2496278	2455477	2473078	2474944	0.83	cps
Indium	115-1	5874954	5773315	5814271	5820847	0.88	cps
Indium	115-2	493962	489048	492290	491767	0.51	cps
Iron	56-2	52548080	52274900	52168473	52330485	0.37	cps
Iron	57-2	1321921	1315014	1316660	1317865	0.27	cps
Lead	206-1	4005452	4021092	4033921	4020155	0.35	cps
Lead	207-1	3609843	3627610	3709058	3648837	1.45	cps
Lead	208-1	16031173	16142947	16353922	16176014	1.01	cps
Lithium	6-1	757357	759440	766843	761213	0.65	cps
Magnesium	24-2	5018002	4970992	4986248	4991747	0.48	cps
Manganese	55-2	916939	909655	903600	910065	0.73	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:23:47	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	6176449	6170044	6229588	6192027	0.53	cps
Molybdenum	94-1	7124119	7123432	7073684	7107078	0.41	cps
Molybdenum	95-1	3939240	3924099	3942420	3935253	0.25	cps
Molybdenum	96-1	4911758	4971151	4932766	4938558	0.61	cps
Molybdenum	97-1	2430855	2449513	2405212	2428527	0.92	cps
Neodymium	150-1	300	180	200	227	28.36	cps
Neodymium	150-2	3	17	10	10	66.70	cps
Nickel	60-2	864633	872013	865353	867333	0.47	cps
Phosphorus	31-2	18713	18162	17345	18073	3.81	cps
Potassium	39-2	1791439	1799870	1777090	1789466	0.64	cps
Rhodium	103-1	5787631	5742910	5736529	5755690	0.48	cps
Rhodium	103-2	2399691	2380857	2390879	2390476	0.39	cps
Scandium	45-1	4271620	4275999	4197418	4248346	1.04	cps
Scandium	45-2	61226	59890	59897	60338	1.27	cps
Selenium	77-2	1303	1400	1467	1390	5.91	cps
Selenium	78-2	5075	5136	5138	5116	0.70	cps
Selenium	82-1	124570	125276	126255	125367	0.67	cps
Silicon	28-1	4384672	4385759	4385350	4385260	0.01	cps
Silver	109-1	9040534	8917145	8986483	8981387	0.69	cps
Silver	107-1	9535110	9563383	9482255	9526916	0.43	cps
Sodium	23-2	12494902	12311788	12241630	12349440	1.06	cps
Strontium	86-1	2494574	2528610	2510819	2511334	0.68	cps
Strontium	88-1	21161688	21196277	21197137	21185034	0.10	cps
Sulfur	34-1	924310	925835	897921	916022	1.71	cps
Terbium	159-1	6636267	6607066	6529509	6590947	0.84	cps
Terbium	159-2	2496020	2440478	2452544	2463014	1.19	cps
Thallium	203-1	4951091	4932176	4949895	4944387	0.21	cps
Thallium	205-1	11617843	11558426	11660624	11612298	0.44	cps
Tin	118-1	5766374	5724047	5800862	5763761	0.67	cps
Titanium	47-1	1146077	1148157	1146899	1147044	0.09	cps
Uranium	238-1	14193615	14496000	14373643	14354419	1.06	cps
Vanadium	51-2	1087644	1088580	1080691	1085638	0.40	cps
Yttrium	89-1	6592573	6674790	6652767	6640044	0.64	cps
Yttrium	89-2	381593	380501	383147	381747	0.35	cps
Zinc	66-2	519402	519140	520920	519821	0.18	cps
Zirconium	90-1	13496125	13611871	13681611	13596536	0.69	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:23:47	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3029663	3025233	3042225	3032374	0.29	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:26:53	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1115224	1088328	1088662	1097405	1.41	cps
Antimony	121-1	18630	18822	17654	18369	3.41	cps
Arsenic	75-2	117	106	89	104	13.48	cps
Barium	135-1	4059	3751	3676	3829	5.31	cps
Barium	137-1	6519	6393	6243	6385	2.16	cps
Beryllium	9-1	356	367	239	320	22.09	cps
Bismuth	209-1	3390697	3438708	3418847	3416084	0.71	cps
Bismuth	209-2	1595038	1594309	1590039	1593129	0.17	cps
Boron	11-1	28254	25941	23587	25927	9.00	cps
Boron	10-1	5910	5535	5076	5507	7.58	cps
Cadmium	106-1	1700	1909	1692	1767	6.95	cps
Cadmium	108-1	67	33	42	47	36.74	cps
Cadmium	111-1	1631	1817	1626	1691	6.43	cps
Calcium	43-1	11759499	11558694	11496221	11604805	1.19	cps
Calcium	44-1	188383500	187498038	187637308	187839615	0.25	cps
Chromium	52-2	38145	38988	38670	38601	1.10	cps
Cobalt	59-2	5138	5244	4808	5063	4.50	cps
Copper	63-2	10377	10457	10534	10456	0.75	cps
Dysprosium	156-1	117	167	100	128	27.16	cps
Dysprosium	156-2	33	27	23	28	18.33	cps
Erbium	164-1	67	42	42	50	28.87	cps
Erbium	164-2	17	20	27	21	24.12	cps
Gadolinium	160-1	192	142	158	164	15.54	cps
Gadolinium	160-2	33	40	33	36	10.83	cps
Holmium	165-1	6244246	6206561	6177350	6209386	0.54	cps
Holmium	165-2	2394199	2374100	2401965	2390088	0.60	cps
Indium	115-1	5826718	5912969	5814145	5851277	0.92	cps
Indium	115-2	507075	502524	500606	503401	0.66	cps
Iron	56-2	267692378	265430978	268488600	267203986	0.59	cps
Iron	57-2	6613058	6604514	6578747	6598773	0.27	cps
Lead	206-1	10266	10471	10521	10419	1.30	cps
Lead	207-1	9081	8865	8965	8970	1.21	cps
Lead	208-1	41094	40821	40442	40786	0.80	cps
Lithium	6-1	766499	767259	758863	764207	0.61	cps
Magnesium	24-2	26206693	26218833	26044504	26156676	0.37	cps
Manganese	55-2	3777	3961	3971	3903	2.79	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:26:53	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	26151	25158	26076	25795	2.14	cps
Molybdenum	94-1	9971	11238	9929	10379	7.17	cps
Molybdenum	95-1	15585	15593	17128	16102	5.52	cps
Molybdenum	96-1	18121	18547	18613	18427	1.45	cps
Molybdenum	97-1	9479	10279	10488	10082	5.28	cps
Neodymium	150-1	93	87	100	93	7.14	cps
Neodymium	150-2	20	17	40	26	49.38	cps
Nickel	60-2	12923	13303	13323	13183	1.71	cps
Phosphorus	31-2	50	25	8	28	75.51	cps
Potassium	39-2	9381582	9259938	9275669	9305730	0.71	cps
Rhodium	103-1	5583515	5565055	5612044	5586871	0.42	cps
Rhodium	103-2	2361587	2309653	2279781	2317007	1.79	cps
Scandium	45-1	4292071	4307114	4306336	4301840	0.20	cps
Scandium	45-2	61196	61142	61527	61289	0.34	cps
Selenium	77-2	3	10	0	4	114.60	cps
Selenium	78-2	13	6	9	9	39.96	cps
Selenium	82-1	104	-42	131	64	145.15	cps
Silicon	28-1	504055	497006	501961	501007	0.72	cps
Silver	109-1	1692	1750	1600	1681	4.50	cps
Silver	107-1	1509	1500	1959	1656	15.84	cps
Sodium	23-2	64433166	64071601	64616818	64373862	0.43	cps
Strontium	86-1	86407	84889	87237	86177	1.38	cps
Strontium	88-1	720077	717413	719320	718936	0.19	cps
Sulfur	34-1	384423	384219	384216	384286	0.03	cps
Terbium	159-1	6639575	6558831	6634547	6610984	0.68	cps
Terbium	159-2	2427168	2427837	2405024	2420009	0.54	cps
Thallium	203-1	2259	2100	2184	2181	3.63	cps
Thallium	205-1	5510	5110	5210	5276	3.95	cps
Tin	118-1	5176	5343	5885	5468	6.78	cps
Titanium	47-1	1133	1467	2441	1680	40.43	cps
Uranium	238-1	3434	3417	3584	3478	2.64	cps
Vanadium	51-2	543	617	607	589	6.75	cps
Yttrium	89-1	6598797	6551538	6581193	6577176	0.36	cps
Yttrium	89-2	394001	392118	392971	393030	0.24	cps
Zinc	66-2	3547	3367	3561	3492	3.09	cps
Zirconium	90-1	3234	3034	2984	3084	4.29	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:26:53	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	708	592	683	661	9.29	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5376	5710	5885	5657	4.57	cps
Antimony	121-1	1724394	1737703	1726195	1729430	0.42	cps
Arsenic	75-2	41651	40548	40533	40911	1.57	cps
Barium	135-1	168950	167034	167288	167757	0.62	cps
Barium	137-1	291310	287512	289015	289279	0.66	cps
Beryllium	9-1	126630	125470	124759	125619	0.75	cps
Bismuth	209-1	3714285	3688211	3712173	3704890	0.39	cps
Bismuth	209-2	1857769	1809681	1833451	1833634	1.31	cps
Boron	11-1	408763	403177	409529	407156	0.85	cps
Boron	10-1	85513	84062	87567	85714	2.05	cps
Cadmium	106-1	19782	19348	20216	19782	2.19	cps
Cadmium	108-1	13290	13532	12982	13268	2.08	cps
Cadmium	111-1	196990	195876	196860	196575	0.31	cps
Calcium	43-1	54046	54289	55143	54493	1.06	cps
Calcium	44-1	855875	859898	864290	860021	0.49	cps
Chromium	52-2	162270	160118	160805	161064	0.68	cps
Cobalt	59-2	325962	321268	321343	322857	0.83	cps
Copper	63-2	281621	279589	276848	279353	0.86	cps
Dysprosium	156-1	25	25	50	33	43.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	67	42	53	24.12	cps
Erbium	164-2	20	37	20	26	37.66	cps
Gadolinium	160-1	125	108	92	108	15.39	cps
Gadolinium	160-2	17	20	13	17	20.01	cps
Holmium	165-1	6250931	6222883	6230071	6234628	0.23	cps
Holmium	165-2	2533936	2483748	2468094	2495260	1.38	cps
Indium	115-1	6193795	6205696	6202868	6200786	0.10	cps
Indium	115-2	533827	535382	532391	533867	0.28	cps
Iron	56-2	1134420	1128558	1124230	1129069	0.45	cps
Iron	57-2	28435	28062	27984	28161	0.86	cps
Lead	206-1	798953	800443	819271	806222	1.40	cps
Lead	207-1	698223	690410	703044	697226	0.91	cps
Lead	208-1	3185914	3171386	3220889	3192730	0.80	cps
Lithium	6-1	805323	797331	799538	800731	0.52	cps
Magnesium	24-2	66968	66179	65686	66278	0.98	cps
Manganese	55-2	48795	49033	48788	48872	0.28	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3012512	3013391	3001636	3009180	0.22	cps
Molybdenum	94-1	1064630	1063512	1071967	1066703	0.43	cps
Molybdenum	95-1	1927679	1914062	1905313	1915685	0.59	cps
Molybdenum	96-1	2004928	2018388	2026942	2016753	0.55	cps
Molybdenum	97-1	1155811	1158693	1156673	1157059	0.13	cps
Neodymium	150-1	7	33	27	22	62.43	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	96609	95294	96878	96260	0.88	cps
Phosphorus	31-2	25	25	33	28	17.31	cps
Potassium	39-2	86255	82794	82885	83978	2.35	cps
Rhodium	103-1	6273701	6175755	6224536	6224664	0.79	cps
Rhodium	103-2	2632352	2612037	2637003	2627130	0.51	cps
Scandium	45-1	4530323	4558944	4544881	4544716	0.31	cps
Scandium	45-2	64467	64792	64584	64614	0.25	cps
Selenium	77-2	363	390	320	358	9.87	cps
Selenium	78-2	1009	1100	1200	1103	8.65	cps
Selenium	82-1	26257	26332	26235	26275	0.19	cps
Silicon	28-1	2270915	2273846	2287979	2277580	0.40	cps
Silver	109-1	929967	927173	930150	929097	0.18	cps
Silver	107-1	983308	973896	975635	977613	0.51	cps
Sodium	23-2	287543	285204	282390	285046	0.91	cps
Strontium	86-1	9329	8570	8870	8923	4.28	cps
Strontium	88-1	49157	49892	48663	49237	1.26	cps
Sulfur	34-1	383174	379143	377158	379825	0.81	cps
Terbium	159-1	6654418	6783871	6659789	6699359	1.09	cps
Terbium	159-2	2512174	2534932	2494314	2513807	0.81	cps
Thallium	203-1	1015623	1015986	1023921	1018510	0.46	cps
Thallium	205-1	2457223	2479316	2454951	2463830	0.55	cps
Tin	118-1	2882135	2852059	2903635	2879276	0.90	cps
Titanium	47-1	567372	571721	569456	569517	0.38	cps
Uranium	238-1	92	67	108	89	23.59	cps
Vanadium	51-2	116157	114446	115615	115406	0.76	cps
Yttrium	89-1	6744326	6922257	6949174	6871919	1.62	cps
Yttrium	89-2	413325	410319	408246	410630	0.62	cps
Zinc	66-2	58630	58161	57753	58182	0.75	cps
Zirconium	90-1	3192	2634	2384	2737	15.13	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:32:33	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	917	708	767	797	13.48	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:37:43 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	50	17	36	48.03	cps
Antimony	121-1	342	325	275	314	11.05	cps
Arsenic	75-2	13	20	17	17	22.23	cps
Barium	135-1	192	175	150	172	12.18	cps
Barium	137-1	383	350	308	347	10.82	cps
Beryllium	9-1	150	194	128	157	21.56	cps
Bismuth	209-1	3722318	3696731	3652883	3690644	0.95	cps
Bismuth	209-2	1833323	1840384	1841183	1838297	0.24	cps
Boron	11-1	8269	7894	8036	8067	2.35	cps
Boron	10-1	1692	1558	1667	1639	4.32	cps
Cadmium	106-1	1834	1717	1659	1736	5.13	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Cadmium	111-1	1423	1326	1256	1335	6.27	cps
Calcium	43-1	6985	6593	6719	6766	2.96	cps
Calcium	44-1	81646	83365	83171	82727	1.14	cps
Chromium	52-2	950	1110	1103	1055	8.58	cps
Cobalt	59-2	327	313	220	287	20.27	cps
Copper	63-2	577	573	560	570	1.55	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	25	33	8	22	57.29	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	83	50	108	81	36.33	cps
Gadolinium	160-2	37	20	13	23	51.52	cps
Holmium	165-1	6368011	6267834	6220468	6285438	1.20	cps
Holmium	165-2	2472326	2471962	2449843	2464710	0.52	cps
Indium	115-1	6277108	6257765	6233293	6256055	0.35	cps
Indium	115-2	545507	543067	544788	544454	0.23	cps
Iron	56-2	4217	3862	4067	4049	4.41	cps
Iron	57-2	94	94	111	100	9.62	cps
Lead	206-1	972	989	1028	996	2.86	cps
Lead	207-1	928	967	922	939	2.58	cps
Lead	208-1	4345	4217	3789	4117	7.07	cps
Lithium	6-1	774546	777598	783286	778477	0.57	cps
Magnesium	24-2	100	67	92	86	20.15	cps
Manganese	55-2	107	87	103	99	10.84	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:37:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	267	242	308	272	12.37	cps
Molybdenum	94-1	317	200	242	253	23.39	cps
Molybdenum	95-1	150	183	175	169	10.24	cps
Molybdenum	96-1	200	292	225	239	19.84	cps
Molybdenum	97-1	125	225	117	156	38.75	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	153	103	77	111	35.03	cps
Phosphorus	31-2	50	17	17	28	69.27	cps
Potassium	39-2	6060	6452	6402	6304	3.38	cps
Rhodium	103-1	6260213	6244550	6251573	6252112	0.13	cps
Rhodium	103-2	2641153	2640809	2657630	2646531	0.36	cps
Scandium	45-1	4563088	4608435	4531604	4567709	0.85	cps
Scandium	45-2	66004	64879	65422	65435	0.86	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	7	2	6	57.77	cps
Selenium	82-1	18	-101	-134	-72	-111.10	cps
Silicon	28-1	414017	414417	416380	414938	0.30	cps
Silver	109-1	125	125	100	117	12.38	cps
Silver	107-1	192	167	183	181	7.05	cps
Sodium	23-2	11330	11121	11146	11199	1.02	cps
Strontium	86-1	3017	2975	2884	2959	2.31	cps
Strontium	88-1	142	150	100	131	20.52	cps
Sulfur	34-1	373900	375123	376122	375048	0.30	cps
Terbium	159-1	6695243	6622692	6488993	6602309	1.58	cps
Terbium	159-2	2522633	2473085	2480697	2492139	1.07	cps
Thallium	203-1	375	400	300	358	14.52	cps
Thallium	205-1	950	892	808	883	8.06	cps
Tin	118-1	2075	2217	5199	3164	55.75	cps
Titanium	47-1	167	150	158	158	5.26	cps
Uranium	238-1	1258	1283	1125	1222	6.96	cps
Vanadium	51-2	57	63	57	59	6.53	cps
Yttrium	89-1	6863956	6887339	6766883	6839392	0.93	cps
Yttrium	89-2	414748	415818	410139	413568	0.73	cps
Zinc	66-2	177	217	213	202	10.98	cps
Zirconium	90-1	500	425	525	483	10.77	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:37:43	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	25	133	125	94	63.83	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:40:52	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	996963	994841	988890	993565	0.42	cps
Antimony	121-1	10079	10888	10096	10354	4.46	cps
Arsenic	75-2	56	69	65	63	10.60	cps
Barium	135-1	2367	2217	2434	2339	4.75	cps
Barium	137-1	4167	4401	4034	4201	4.42	cps
Beryllium	9-1	378	356	422	385	8.81	cps
Bismuth	209-1	3489575	3450402	3462707	3467561	0.58	cps
Bismuth	209-2	1623647	1567478	1582929	1591351	1.82	cps
Boron	11-1	7586	7511	7661	7586	0.99	cps
Boron	10-1	1608	1517	1475	1533	4.45	cps
Cadmium	106-1	1867	1759	1500	1709	11.03	cps
Cadmium	108-1	1000	967	1008	992	2.22	cps
Cadmium	111-1	1890	1713	1653	1752	7.05	cps
Calcium	43-1	2273570	2298067	2286775	2286137	0.54	cps
Calcium	44-1	36182855	36082499	36198130	36154495	0.17	cps
Chromium	52-2	32194	31957	31319	31823	1.42	cps
Cobalt	59-2	3517	3731	3604	3617	2.97	cps
Copper	63-2	21029	21433	20799	21087	1.52	cps
Dysprosium	156-1	33	42	33	36	13.33	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	33	67	75	58	37.79	cps
Erbium	164-2	7	20	7	11	69.25	cps
Gadolinium	160-1	150	92	125	122	23.95	cps
Gadolinium	160-2	27	20	33	27	24.99	cps
Holmium	165-1	6242759	6245431	6206774	6231655	0.35	cps
Holmium	165-2	2458238	2299703	2303948	2353963	3.84	cps
Indium	115-1	5926749	6054736	5921211	5967565	1.27	cps
Indium	115-2	513047	501843	495060	503317	1.80	cps
Iron	56-2	106643311	105555825	106056797	106085311	0.51	cps
Iron	57-2	2683885	2707340	2733701	2708309	0.92	cps
Lead	206-1	17935	18047	17980	17987	0.31	cps
Lead	207-1	14292	14041	14080	14138	0.95	cps
Lead	208-1	67739	66875	67199	67271	0.65	cps
Lithium	6-1	706246	690508	694165	696973	1.18	cps
Magnesium	24-2	5180451	5117710	5087564	5128575	0.92	cps
Manganese	55-2	3871	3634	3811	3772	3.26	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:40:52	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11748735	11706549	11642201	11699162	0.46	cps
Molybdenum	94-1	4245524	4148041	4116110	4169892	1.62	cps
Molybdenum	95-1	7417492	7436250	7381250	7411664	0.38	cps
Molybdenum	96-1	7779364	7870274	7620447	7756695	1.63	cps
Molybdenum	97-1	4556150	4527975	4510771	4531632	0.51	cps
Neodymium	150-1	20	40	33	31	32.73	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	4951	4798	4838	4862	1.64	cps
Phosphorus	31-2	91856	88937	89936	90243	1.64	cps
Potassium	39-2	3678436	3663108	3635336	3658960	0.60	cps
Rhodium	103-1	5813642	5800310	5790749	5801567	0.20	cps
Rhodium	103-2	2452480	2425262	2391317	2423020	1.26	cps
Scandium	45-1	4415965	4363620	4393438	4391007	0.60	cps
Scandium	45-2	62994	61410	61072	61826	1.66	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	7	6	9	7	24.97	cps
Selenium	82-1	136	199	97	144	35.75	cps
Silicon	28-1	533486	531400	523090	529325	1.04	cps
Silver	109-1	3867	3626	3267	3587	8.42	cps
Silver	107-1	4142	4159	3751	4017	5.75	cps
Sodium	23-2	12760703	12559543	12721666	12680637	0.84	cps
Strontium	86-1	84017	83866	84251	84045	0.23	cps
Strontium	88-1	698487	693891	694160	695513	0.37	cps
Sulfur	34-1	2904565	2920296	2885329	2903397	0.60	cps
Terbium	159-1	6654330	6538408	6614344	6602361	0.89	cps
Terbium	159-2	2393151	2367841	2324215	2361736	1.48	cps
Thallium	203-1	483	250	342	358	32.81	cps
Thallium	205-1	1042	808	775	875	16.61	cps
Tin	118-1	5176	5293	5368	5279	1.83	cps
Titanium	47-1	2287783	2247041	2286917	2273914	1.02	cps
Uranium	238-1	450	475	408	444	7.58	cps
Vanadium	51-2	170	140	203	171	18.52	cps
Yttrium	89-1	6799723	6758056	6672411	6743397	0.96	cps
Yttrium	89-2	401684	389736	388482	393301	1.85	cps
Zinc	66-2	3130	3257	3477	3288	5.34	cps
Zirconium	90-1	567	600	458	542	13.67	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:40:52	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	67	108	133	103	32.77	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	977368	967209	977200	973926	0.60	cps
Antimony	121-1	168018	166409	166998	167142	0.49	cps
Arsenic	75-2	3826	3914	3810	3850	1.45	cps
Barium	135-1	35081	35582	35073	35245	0.83	cps
Barium	137-1	59870	60079	60548	60166	0.58	cps
Beryllium	9-1	22540	21722	22001	22088	1.88	cps
Bismuth	209-1	3442724	3397399	3377879	3406001	0.98	cps
Bismuth	209-2	1570971	1573144	1573250	1572455	0.08	cps
Boron	11-1	46828	46468	45456	46251	1.54	cps
Boron	10-1	10229	9612	9654	9832	3.51	cps
Cadmium	106-1	6160	6252	6619	6343	3.83	cps
Cadmium	108-1	3780	3834	3755	3790	1.07	cps
Cadmium	111-1	38220	37637	38626	38161	1.30	cps
Calcium	43-1	2244084	2249464	2294599	2262716	1.23	cps
Calcium	44-1	35604637	36235038	35730134	35856603	0.93	cps
Chromium	52-2	62693	61434	61381	61836	1.20	cps
Cobalt	59-2	64552	65064	63732	64449	1.04	cps
Copper	63-2	72920	72327	72612	72620	0.41	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	3	13	3	7	86.65	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	13	20	10	14	35.26	cps
Gadolinium	160-1	92	75	142	103	33.76	cps
Gadolinium	160-2	27	23	37	29	24.03	cps
Holmium	165-1	6055754	6043703	6102852	6067436	0.52	cps
Holmium	165-2	2317477	2356617	2310364	2328152	1.07	cps
Indium	115-1	5865361	5896506	5868284	5876717	0.29	cps
Indium	115-2	495364	497531	496418	496438	0.22	cps
Iron	56-2	105119600	103486613	104734505	104446906	0.82	cps
Iron	57-2	2680291	2643914	2651337	2658514	0.72	cps
Lead	206-1	94700	95484	94713	94966	0.47	cps
Lead	207-1	77217	78280	78553	78017	0.90	cps
Lead	208-1	361956	361468	358352	360592	0.54	cps
Lithium	6-1	644741	648209	642529	645160	0.44	cps
Magnesium	24-2	5051332	4987550	5007001	5015294	0.65	cps
Manganese	55-2	13010	12603	13133	12915	2.15	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	11783911	11891109	11801406	11825475	0.49	cps
Molybdenum	94-1	4530632	4493834	4517997	4514154	0.41	cps
Molybdenum	95-1	7549810	7439255	7506353	7498473	0.74	cps
Molybdenum	96-1	7979414	7954783	7888378	7940859	0.59	cps
Molybdenum	97-1	4624793	4591165	4593236	4603065	0.41	cps
Neodymium	150-1	67	40	20	42	55.45	cps
Neodymium	150-2	10	7	10	9	21.63	cps
Nickel	60-2	22041	21901	22385	22109	1.13	cps
Phosphorus	31-2	89407	87361	88400	88389	1.16	cps
Potassium	39-2	3627840	3571088	3625366	3608098	0.89	cps
Rhodium	103-1	5691239	5679015	5794364	5721539	1.11	cps
Rhodium	103-2	2411037	2419577	2407585	2412733	0.26	cps
Scandium	45-1	4344123	4368274	4367981	4360126	0.32	cps
Scandium	45-2	62492	61102	60989	61527	1.36	cps
Selenium	77-2	23	33	40	32	26.04	cps
Selenium	78-2	104	131	115	117	11.98	cps
Selenium	82-1	2637	2438	2499	2525	4.05	cps
Silicon	28-1	800611	793170	800266	798016	0.53	cps
Silver	109-1	169786	168333	167617	168578	0.66	cps
Silver	107-1	181171	178130	178975	179425	0.87	cps
Sodium	23-2	12495324	12495066	12388522	12459638	0.49	cps
Strontium	86-1	220654	223028	221504	221729	0.54	cps
Strontium	88-1	1946701	1897423	1917637	1920587	1.29	cps
Sulfur	34-1	2813540	2777170	2807217	2799309	0.69	cps
Terbium	159-1	6494474	6532045	6535552	6520690	0.35	cps
Terbium	159-2	2370987	2348972	2342888	2354282	0.63	cps
Thallium	203-1	93878	93023	95323	94075	1.24	cps
Thallium	205-1	226491	225960	225387	225946	0.24	cps
Tin	118-1	333768	335782	332943	334164	0.44	cps
Titanium	47-1	2281984	2336098	2305634	2307905	1.18	cps
Uranium	238-1	807958	804862	796147	802989	0.76	cps
Vanadium	51-2	22171	21480	21573	21742	1.72	cps
Yttrium	89-1	6572551	6626016	6582611	6593726	0.43	cps
Yttrium	89-2	391475	388398	391877	390583	0.49	cps
Zinc	66-2	8963	8479	8900	8781	2.99	cps
Zirconium	90-1	757158	764951	768234	763448	0.75	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:43:57	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	168103	169772	169006	168960	0.49	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	101931	102788	103888	102869	0.95	cps
Antimony	121-1	1142	1083	1125	1117	2.69	cps
Arsenic	75-2	11	28	20	20	42.28	cps
Barium	135-1	200	292	250	247	18.56	cps
Barium	137-1	458	392	425	425	7.84	cps
Beryllium	9-1	67	56	61	61	9.09	cps
Bismuth	209-1	3623879	3509265	3517957	3550367	1.80	cps
Bismuth	209-2	1663017	1652255	1665242	1660171	0.42	cps
Boron	11-1	5435	4851	5001	5096	5.95	cps
Boron	10-1	967	1200	1117	1095	10.80	cps
Cadmium	106-1	1717	1659	1575	1650	4.32	cps
Cadmium	108-1	104	67	113	94	25.85	cps
Cadmium	111-1	1237	1256	1136	1210	5.32	cps
Calcium	43-1	235156	235263	232953	234457	0.56	cps
Calcium	44-1	3834836	3833987	3888341	3852388	0.81	cps
Chromium	52-2	4181	4237	4091	4170	1.77	cps
Cobalt	59-2	470	427	477	458	5.93	cps
Copper	63-2	2844	2807	2804	2818	0.79	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	17	25	25	33.32	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	92	67	83	81	15.80	cps
Gadolinium	160-2	10	17	10	12	31.50	cps
Holmium	165-1	6319538	6078246	6120191	6172658	2.09	cps
Holmium	165-2	2367992	2365290	2379858	2371047	0.33	cps
Indium	115-1	6002211	6050180	5999383	6017258	0.47	cps
Indium	115-2	520462	521790	517082	519778	0.47	cps
Iron	56-2	11153013	11144970	11210015	11169333	0.32	cps
Iron	57-2	277094	280109	280589	279264	0.68	cps
Lead	206-1	2517	2678	2834	2676	5.92	cps
Lead	207-1	1917	2134	1978	2009	5.56	cps
Lead	208-1	9796	9763	9946	9835	0.99	cps
Lithium	6-1	663274	648617	642702	651531	1.63	cps
Magnesium	24-2	529721	531472	530695	530629	0.17	cps
Manganese	55-2	480	530	413	474	12.34	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1182321	1180176	1181500	1181333	0.09	cps
Molybdenum	94-1	424438	425428	422289	424052	0.38	cps
Molybdenum	95-1	761530	742311	739404	747748	1.61	cps
Molybdenum	96-1	802149	788746	790573	793823	0.92	cps
Molybdenum	97-1	470874	463548	461374	465265	1.07	cps
Neodymium	150-1	13	20	7	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	620	620	483	574	13.74	cps
Phosphorus	31-2	9545	9270	9087	9301	2.48	cps
Potassium	39-2	389551	388671	389326	389183	0.12	cps
Rhodium	103-1	6004550	6003773	5895666	5967996	1.05	cps
Rhodium	103-2	2567955	2550654	2544856	2554489	0.47	cps
Scandium	45-1	4387511	4423105	4383593	4398070	0.49	cps
Scandium	45-2	63985	64079	63908	63991	0.13	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	0	6	15	7	110.18	cps
Selenium	82-1	-114	-69	-3	-62	-90.73	cps
Silicon	28-1	399279	392311	390832	394140	1.14	cps
Silver	109-1	542	425	400	456	16.60	cps
Silver	107-1	433	517	592	514	15.41	cps
Sodium	23-2	1369969	1354231	1360108	1361436	0.58	cps
Strontium	86-1	10780	10955	10505	10746	2.11	cps
Strontium	88-1	70901	70465	69201	70189	1.26	cps
Sulfur	34-1	627563	620383	619407	622451	0.72	cps
Terbium	159-1	6609238	6435741	6539566	6528182	1.34	cps
Terbium	159-2	2393221	2345227	2385391	2374613	1.08	cps
Thallium	203-1	125	142	142	136	7.07	cps
Thallium	205-1	358	342	292	331	10.50	cps
Tin	118-1	2050	2451	2309	2270	8.94	cps
Titanium	47-1	228204	230236	232280	230240	0.89	cps
Uranium	238-1	192	75	100	122	50.26	cps
Vanadium	51-2	47	43	30	40	22.05	cps
Yttrium	89-1	6677820	6727585	6722992	6709466	0.41	cps
Yttrium	89-2	404918	402663	400763	402782	0.52	cps
Zinc	66-2	457	450	433	447	2.69	cps
Zirconium	90-1	675	658	583	639	7.64	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSA01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSA01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:47:00	DataFile Name :	017SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	158	150	133	147	8.65	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	103266	103686	103442	103465	0.20	cps
Antimony	121-1	17270	17254	17980	17501	2.37	cps
Arsenic	75-2	396	380	417	398	4.67	cps
Barium	135-1	3276	3734	3742	3584	7.45	cps
Barium	137-1	6060	5993	6202	6085	1.75	cps
Beryllium	9-1	2328	2306	2322	2319	0.50	cps
Bismuth	209-1	3561537	3535682	3551856	3549692	0.37	cps
Bismuth	209-2	1637109	1638215	1643842	1639722	0.22	cps
Boron	11-1	8720	7786	7969	8158	6.07	cps
Boron	10-1	1700	1875	1333	1636	16.90	cps
Cadmium	106-1	2259	1967	2150	2125	6.94	cps
Cadmium	108-1	363	475	371	403	15.56	cps
Cadmium	111-1	4920	5183	5171	5091	2.92	cps
Calcium	43-1	234248	234402	233825	234158	0.13	cps
Calcium	44-1	3831134	3860990	3876679	3856267	0.60	cps
Chromium	52-2	7362	7545	7529	7479	1.36	cps
Cobalt	59-2	6818	6915	6915	6883	0.81	cps
Copper	63-2	8386	8413	8283	8360	0.82	cps
Dysprosium	156-1	17	25	0	14	91.65	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	25	17	19	24.73	cps
Erbium	164-2	3	7	17	9	78.08	cps
Gadolinium	160-1	58	75	92	75	22.22	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	6252921	6072601	6067168	6130897	1.72	cps
Holmium	165-2	2394213	2377092	2328304	2366536	1.45	cps
Indium	115-1	6037545	6020613	6087269	6048476	0.57	cps
Indium	115-2	521563	521719	516806	520029	0.54	cps
Iron	56-2	11126543	11070814	11012567	11069975	0.51	cps
Iron	57-2	277137	276328	273491	275652	0.69	cps
Lead	206-1	10171	10077	10132	10127	0.47	cps
Lead	207-1	8214	8431	8403	8349	1.41	cps
Lead	208-1	39654	39147	39447	39416	0.65	cps
Lithium	6-1	649633	641056	640839	643842	0.78	cps
Magnesium	24-2	528080	528115	526281	527492	0.20	cps
Manganese	55-2	1493	1387	1540	1473	5.34	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1197248	1210729	1220728	1209568	0.97	cps
Molybdenum	94-1	461807	463973	465846	463875	0.44	cps
Molybdenum	95-1	759212	752797	764646	758885	0.78	cps
Molybdenum	96-1	815296	805074	817273	812548	0.81	cps
Molybdenum	97-1	469801	471635	474204	471880	0.47	cps
Neodymium	150-1	40	0	7	16	137.75	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	2400	2427	2247	2358	4.12	cps
Phosphorus	31-2	9529	9353	9195	9359	1.78	cps
Potassium	39-2	385737	383871	384059	384556	0.27	cps
Rhodium	103-1	5944198	6029940	6109115	6027751	1.37	cps
Rhodium	103-2	2583995	2565494	2533239	2560909	1.00	cps
Scandium	45-1	4439680	4526690	4447951	4471440	1.07	cps
Scandium	45-2	63600	63218	62210	63009	1.14	cps
Selenium	77-2	20	17	7	14	48.02	cps
Selenium	78-2	15	20	13	16	24.03	cps
Selenium	82-1	199	279	246	241	16.71	cps
Silicon	28-1	423809	424495	421382	423228	0.39	cps
Silver	109-1	17704	17086	17988	17593	2.62	cps
Silver	107-1	18622	18597	18530	18583	0.26	cps
Sodium	23-2	1352770	1344351	1367058	1354726	0.85	cps
Strontium	86-1	25951	25124	25625	25567	1.63	cps
Strontium	88-1	194849	195119	197352	195773	0.70	cps
Sulfur	34-1	619739	625472	618940	621384	0.57	cps
Terbium	159-1	6558699	6493956	6513287	6521981	0.51	cps
Terbium	159-2	2367304	2372571	2382832	2374236	0.33	cps
Thallium	203-1	9779	9904	10280	9988	2.61	cps
Thallium	205-1	22730	22980	23172	22960	0.97	cps
Tin	118-1	38139	37253	37320	37570	1.31	cps
Titanium	47-1	237236	237989	236744	237323	0.26	cps
Uranium	238-1	83790	85370	81443	83534	2.37	cps
Vanadium	51-2	2347	2280	2187	2271	3.54	cps
Yttrium	89-1	6726488	6641989	6683568	6684015	0.63	cps
Yttrium	89-2	403278	402796	400744	402273	0.33	cps
Zinc	66-2	973	1083	1057	1038	5.53	cps
Zirconium	90-1	79080	81101	79038	79740	1.48	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	ICSAB01DLX10	Instrumnet Name :	P8
Client Sample ID :	ICSAB01DL	Dilution Factor :	10
Date & Time Acquired ::	2017-06-29 15:50:08	DataFile Name :	018SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	17762	17428	17571	17587	0.95	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	546971	545541	550704	547739	0.49	cps
Antimony	121-1	4113285	4157293	4105762	4125446	0.67	cps
Arsenic	75-2	99419	98201	99208	98943	0.66	cps
Barium	135-1	4073047	4100948	4082737	4085578	0.35	cps
Barium	137-1	6911171	6919557	6932995	6921241	0.16	cps
Beryllium	9-1	572680	567211	574436	571442	0.66	cps
Bismuth	209-1	3307700	3343138	3367100	3339313	0.89	cps
Bismuth	209-2	1554907	1545175	1553337	1551139	0.34	cps
Boron	11-1	351601	356475	359421	355832	1.11	cps
Boron	10-1	73422	74017	74385	73941	0.66	cps
Cadmium	106-1	96294	95184	94548	95342	0.93	cps
Cadmium	108-1	63712	64378	64533	64208	0.68	cps
Cadmium	111-1	902790	913454	915433	910559	0.75	cps
Calcium	43-1	5575905	5610647	5631917	5606156	0.50	cps
Calcium	44-1	90176106	90589458	90103035	90289533	0.29	cps
Chromium	52-2	810682	810953	815315	812317	0.32	cps
Cobalt	59-2	1540763	1553708	1586143	1560205	1.50	cps
Copper	63-2	2648954	2641694	2630369	2640339	0.35	cps
Dysprosium	156-1	108	92	175	125	35.28	cps
Dysprosium	156-2	30	17	43	30	44.43	cps
Erbium	164-1	42	83	75	67	33.07	cps
Erbium	164-2	10	13	20	14	35.26	cps
Gadolinium	160-1	158	108	150	139	19.29	cps
Gadolinium	160-2	37	30	40	36	14.32	cps
Holmium	165-1	5984039	5926511	5966689	5959080	0.50	cps
Holmium	165-2	2309781	2334646	2308152	2317527	0.64	cps
Indium	115-1	5685644	5775813	5692724	5718061	0.88	cps
Indium	115-2	489948	488121	487348	488472	0.27	cps
Iron	56-2	134221131	133339097	135235078	134265102	0.71	cps
Iron	57-2	3395472	3363697	3400008	3386392	0.58	cps
Lead	206-1	1905053	1930089	1927296	1920813	0.71	cps
Lead	207-1	1670435	1700080	1716175	1695563	1.37	cps
Lead	208-1	7648019	7681158	7797909	7709029	1.02	cps
Lithium	6-1	659325	661274	669167	663255	0.79	cps
Magnesium	24-2	13183653	13078111	13103113	13121625	0.42	cps
Manganese	55-2	476763	477520	482165	478816	0.61	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3119446	3076479	3050149	3082025	1.13	cps
Molybdenum	94-1	3553853	3554292	3585011	3564385	0.50	cps
Molybdenum	95-1	1944675	1944870	1966754	1952100	0.65	cps
Molybdenum	96-1	2534027	2476722	2504481	2505077	1.14	cps
Molybdenum	97-1	1173832	1167998	1179546	1173792	0.49	cps
Neodymium	150-1	180	140	93	138	31.48	cps
Neodymium	150-2	10	20	10	13	43.30	cps
Nickel	60-2	448558	447037	447086	447560	0.19	cps
Phosphorus	31-2	9620	8987	9362	9323	3.42	cps
Potassium	39-2	4673656	4629415	4728788	4677287	1.06	cps
Rhodium	103-1	5531492	5563221	5531605	5542106	0.33	cps
Rhodium	103-2	2365829	2312665	2347235	2341910	1.15	cps
Scandium	45-1	4284328	4295654	4258896	4279626	0.44	cps
Scandium	45-2	61450	62532	62207	62063	0.89	cps
Selenium	77-2	790	810	927	842	8.76	cps
Selenium	78-2	2648	2748	2719	2705	1.90	cps
Selenium	82-1	61874	61322	61419	61538	0.48	cps
Silicon	28-1	2442181	2432409	2473204	2449265	0.87	cps
Silver	109-1	4417930	4369392	4457416	4414913	1.00	cps
Silver	107-1	4613512	4652433	4616193	4627379	0.47	cps
Sodium	23-2	32650640	32217272	32304887	32390933	0.71	cps
Strontium	86-1	1256837	1245236	1251157	1251077	0.46	cps
Strontium	88-1	10857967	10595774	10793885	10749209	1.27	cps
Sulfur	34-1	694493	694951	697034	695493	0.19	cps
Terbium	159-1	6349990	6305814	6424691	6360165	0.94	cps
Terbium	159-2	2312177	2329893	2341157	2327742	0.63	cps
Thallium	203-1	2370819	2388639	2412561	2390673	0.88	cps
Thallium	205-1	5501832	5552389	5615821	5556681	1.03	cps
Tin	118-1	2875556	2887764	2864459	2875926	0.41	cps
Titanium	47-1	583996	584732	585403	584710	0.12	cps
Uranium	238-1	6801856	6898888	6882622	6861122	0.76	cps
Vanadium	51-2	578627	576483	576873	577328	0.20	cps
Yttrium	89-1	6479507	6450861	6533525	6487964	0.65	cps
Yttrium	89-2	388012	387991	387810	387937	0.03	cps
Zinc	66-2	266765	263272	267398	265812	0.84	cps
Zirconium	90-1	6706943	6768686	6796203	6757277	0.68	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P8
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:56:15	DataFile Name :	020CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1513496	1497651	1537537	1516228	1.32	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P8
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 15:59:35 DataFile Name : 021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	608	558	667	611	8.87	cps
Arsenic	75-2	13	11	20	15	33.08	cps
Barium	135-1	50	67	25	47	44.41	cps
Barium	137-1	42	42	42	42	0.00	cps
Beryllium	9-1	78	117	89	94	21.21	cps
Bismuth	209-1	3675015	3675076	3647011	3665701	0.44	cps
Bismuth	209-2	1699369	1707780	1597719	1668289	3.67	cps
Boron	11-1	12447	12131	11413	11997	4.42	cps
Boron	10-1	2750	2609	2292	2550	9.20	cps
Cadmium	106-1	1584	1884	1709	1725	8.74	cps
Cadmium	108-1	25	8	17	17	50.01	cps
Cadmium	111-1	1133	1342	1222	1232	8.52	cps
Calcium	43-1	6819	6435	6252	6502	4.45	cps
Calcium	44-1	84001	82593	82007	82867	1.24	cps
Chromium	52-2	913	1017	930	953	5.82	cps
Cobalt	59-2	80	83	57	73	19.81	cps
Copper	63-2	537	547	530	538	1.56	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	8	17	17	14	34.67	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	100	58	75	78	26.96	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	6261786	6202414	6168921	6211040	0.76	cps
Holmium	165-2	2419994	2403137	2266862	2363331	3.55	cps
Indium	115-1	6219630	6145365	6096838	6153944	1.00	cps
Indium	115-2	526910	527991	499558	518153	3.11	cps
Iron	56-2	4868	5023	4384	4758	7.00	cps
Iron	57-2	150	144	78	124	32.39	cps
Lead	206-1	1117	1139	950	1069	9.66	cps
Lead	207-1	1050	989	883	974	8.66	cps
Lead	208-1	4650	4395	4162	4402	5.56	cps
Lithium	6-1	718083	716928	705084	713365	1.01	cps
Magnesium	24-2	175	142	158	158	10.53	cps
Manganese	55-2	87	103	100	97	9.12	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:59:35	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	133	67	67	89	43.30	cps
Molybdenum	94-1	400	225	342	322	27.65	cps
Molybdenum	95-1	58	50	42	50	16.67	cps
Molybdenum	96-1	108	150	142	133	16.54	cps
Molybdenum	97-1	58	17	42	39	53.93	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	53	60	53	12.50	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6877	7611	6769	7085	6.47	cps
Rhodium	103-1	6197053	6023580	6140286	6120306	1.45	cps
Rhodium	103-2	2604872	2612016	2469844	2562244	3.13	cps
Scandium	45-1	4565256	4498404	4436692	4500117	1.43	cps
Scandium	45-2	65287	64414	62013	63905	2.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	2	8	70.51	cps
Selenium	82-1	-22	-23	197	51	249.49	cps
Silicon	28-1	404973	401626	397748	401449	0.90	cps
Silver	109-1	233	300	275	269	12.50	cps
Silver	107-1	367	308	233	303	22.08	cps
Sodium	23-2	23128	22510	22118	22585	2.25	cps
Strontium	86-1	2892	2584	2775	2750	5.66	cps
Strontium	88-1	175	167	242	194	21.14	cps
Sulfur	34-1	344420	350679	348000	347700	0.90	cps
Terbium	159-1	6669614	6569914	6599435	6612988	0.77	cps
Terbium	159-2	2404281	2423205	2316420	2381302	2.39	cps
Thallium	203-1	217	233	225	225	3.70	cps
Thallium	205-1	442	617	467	508	18.62	cps
Tin	118-1	2242	2050	2142	2145	4.47	cps
Titanium	47-1	217	200	208	208	4.00	cps
Uranium	238-1	83	117	83	94	20.37	cps
Vanadium	51-2	10	10	0	7	86.60	cps
Yttrium	89-1	6837127	6719166	6724177	6760157	0.99	cps
Yttrium	89-2	405931	406775	381881	398196	3.55	cps
Zinc	66-2	133	140	107	127	13.92	cps
Zirconium	90-1	867	750	733	783	9.27	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P8
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 15:59:35	DataFile Name :	021CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	242	133	183	29.81	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	192	292	236	21.57	cps
Antimony	121-1	15860	15451	16403	15905	3.00	cps
Arsenic	75-2	185	141	176	167	14.02	cps
Barium	135-1	15218	14500	14967	14895	2.45	cps
Barium	137-1	26402	25593	25910	25968	1.57	cps
Beryllium	9-1	1272	1233	1133	1213	5.91	cps
Bismuth	209-1	3572206	3536011	3385191	3497803	2.84	cps
Bismuth	209-2	1618393	1610575	1629649	1619539	0.59	cps
Boron	11-1	21000	22977	21600	21859	4.64	cps
Boron	10-1	5034	4951	4676	4887	3.84	cps
Cadmium	106-1	2084	1692	1900	1892	10.36	cps
Cadmium	108-1	129	138	129	132	3.64	cps
Cadmium	111-1	3056	2772	3036	2954	5.37	cps
Calcium	43-1	17336	17170	16786	17097	1.65	cps
Calcium	44-1	253145	252004	251972	252374	0.26	cps
Chromium	52-2	4327	4371	4341	4346	0.51	cps
Cobalt	59-2	3057	3134	3304	3165	3.99	cps
Copper	63-2	6402	6091	6218	6237	2.50	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	8	67	33	90.15	cps
Erbium	164-2	10	10	20	13	43.30	cps
Gadolinium	160-1	83	92	83	86	5.58	cps
Gadolinium	160-2	23	3	13	13	75.02	cps
Holmium	165-1	6127547	6126306	5863852	6039235	2.52	cps
Holmium	165-2	2330926	2305579	2372286	2336263	1.44	cps
Indium	115-1	6009239	6057429	5833546	5966738	1.97	cps
Indium	115-2	515782	519519	519538	518280	0.42	cps
Iron	56-2	56554	56191	55583	56109	0.87	cps
Iron	57-2	1311	1483	1506	1433	7.43	cps
Lead	206-1	4640	4167	4351	4386	5.43	cps
Lead	207-1	4195	4151	3817	4054	5.09	cps
Lead	208-1	18422	18156	16988	17855	4.27	cps
Lithium	6-1	685148	678544	657731	673807	2.12	cps
Magnesium	24-2	25215	25891	25490	25532	1.33	cps
Manganese	55-2	543	617	573	578	6.38	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	26894	26869	26877	26880	0.05	cps
Molybdenum	94-1	14125	14792	14658	14525	2.43	cps
Molybdenum	95-1	17504	17779	17637	17640	0.78	cps
Molybdenum	96-1	18814	18706	19431	18984	2.06	cps
Molybdenum	97-1	10513	10780	10705	10666	1.29	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	963	980	937	960	2.28	cps
Phosphorus	31-2	17	17	17	17	0.00	cps
Potassium	39-2	24773	25232	26159	25388	2.78	cps
Rhodium	103-1	6086760	5999920	5825690	5970790	2.23	cps
Rhodium	103-2	2534845	2576674	2535366	2548962	0.94	cps
Scandium	45-1	4460039	4476170	4301087	4412432	2.19	cps
Scandium	45-2	64999	63543	63814	64119	1.21	cps
Selenium	77-2	7	13	10	10	33.30	cps
Selenium	78-2	30	39	28	32	18.54	cps
Selenium	82-1	432	561	440	478	15.16	cps
Silicon	28-1	428779	426589	432008	429125	0.64	cps
Silver	109-1	12515	12223	12515	12417	1.36	cps
Silver	107-1	13099	13758	13674	13510	2.66	cps
Sodium	23-2	79103	80889	80042	80011	1.12	cps
Strontium	86-1	5018	5101	4709	4943	4.18	cps
Strontium	88-1	19815	20032	19874	19907	0.56	cps
Sulfur	34-1	346856	347529	348784	347723	0.28	cps
Terbium	159-1	6446173	6419949	6247875	6371332	1.69	cps
Terbium	159-2	2361259	2331621	2357880	2350253	0.69	cps
Thallium	203-1	4918	4651	4651	4740	3.25	cps
Thallium	205-1	11664	11598	11556	11606	0.47	cps
Tin	118-1	28849	28473	27972	28431	1.55	cps
Titanium	47-1	5501	5668	5401	5524	2.44	cps
Uranium	238-1	12415	12340	12457	12404	0.48	cps
Vanadium	51-2	5434	5148	5304	5296	2.71	cps
Yttrium	89-1	6700241	6725419	6460630	6628763	2.20	cps
Yttrium	89-2	397432	398644	398703	398260	0.18	cps
Zinc	66-2	747	630	647	674	9.36	cps
Zirconium	90-1	12314	13023	12707	12681	2.80	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:02:44	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	2892	2859	2784	2845	1.95	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : PB100214BL Instrumnet Name : P8
 Client Sample ID : PB100214BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:05:53 DataFile Name : 023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	17	58	50	60.09	cps
Antimony	121-1	192	225	225	214	9.00	cps
Arsenic	75-2	13	6	11	10	38.99	cps
Barium	135-1	17	17	17	17	0.00	cps
Barium	137-1	50	83	75	69	24.98	cps
Beryllium	9-1	67	50	78	65	21.57	cps
Bismuth	209-1	3516053	3377562	3467443	3453686	2.03	cps
Bismuth	209-2	1660099	1652904	1621872	1644958	1.23	cps
Boron	11-1	5918	5951	5835	5901	1.02	cps
Boron	10-1	1292	1117	1425	1278	12.10	cps
Cadmium	106-1	1884	1558	1742	1728	9.43	cps
Cadmium	108-1	17	4	17	13	57.72	cps
Cadmium	111-1	1319	1105	1212	1212	8.85	cps
Calcium	43-1	6544	6343	6510	6466	1.66	cps
Calcium	44-1	77422	77624	79383	78143	1.38	cps
Chromium	52-2	1040	983	937	987	5.25	cps
Cobalt	59-2	80	87	80	82	4.68	cps
Copper	63-2	613	610	557	593	5.36	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	42	33	25	33	25.01	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	7	10	20	12	56.76	cps
Holmium	165-1	6047135	5889520	5954884	5963846	1.33	cps
Holmium	165-2	2346759	2342625	2347923	2345769	0.12	cps
Indium	115-1	6110190	5776247	5979966	5955468	2.83	cps
Indium	115-2	521308	521424	521919	521550	0.06	cps
Iron	56-2	4745	4028	4384	4386	8.17	cps
Iron	57-2	133	111	128	124	9.32	cps
Lead	206-1	656	617	511	594	12.57	cps
Lead	207-1	511	539	478	509	6.01	cps
Lead	208-1	2434	2317	2106	2285	7.27	cps
Lithium	6-1	662701	641234	652120	652018	1.65	cps
Magnesium	24-2	117	125	158	133	16.54	cps
Manganese	55-2	80	123	83	96	25.24	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BL	Instrumnet Name :	P8
Client Sample ID :	PB100214BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:05:53	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	58	75	42	58	28.57	cps
Molybdenum	94-1	158	175	225	186	18.64	cps
Molybdenum	95-1	33	42	58	44	28.65	cps
Molybdenum	96-1	67	33	100	67	50.01	cps
Molybdenum	97-1	25	17	42	28	45.82	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	57	67	52	32.76	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	6010	6727	6152	6296	6.03	cps
Rhodium	103-1	6009761	5748515	5993145	5917140	2.47	cps
Rhodium	103-2	2596269	2579656	2587207	2587711	0.32	cps
Scandium	45-1	4456054	4276785	4430254	4387698	2.21	cps
Scandium	45-2	64430	64423	64654	64503	0.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-15	28	16	10	229.93	cps
Silicon	28-1	380695	387667	388255	385539	1.09	cps
Silver	109-1	233	317	192	247	25.75	cps
Silver	107-1	217	208	208	211	2.28	cps
Sodium	23-2	13799	13048	13298	13382	2.86	cps
Strontium	86-1	2625	2717	2892	2745	4.94	cps
Strontium	88-1	83	117	200	133	45.07	cps
Sulfur	34-1	349650	347119	348571	348447	0.36	cps
Terbium	159-1	6482002	6188480	6259729	6310070	2.43	cps
Terbium	159-2	2395717	2381468	2378922	2385369	0.38	cps
Thallium	203-1	150	125	150	142	10.19	cps
Thallium	205-1	350	358	283	331	12.44	cps
Tin	118-1	1467	1517	1433	1472	2.85	cps
Titanium	47-1	192	175	183	183	4.55	cps
Uranium	238-1	42	42	33	39	12.38	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	6760037	6382763	6620325	6587708	2.90	cps
Yttrium	89-2	402846	403774	401150	402590	0.33	cps
Zinc	66-2	113	90	90	98	13.78	cps
Zirconium	90-1	467	558	475	500	10.14	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BL	Instrumnet Name :	P8
Client Sample ID :	PB100214BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:05:53	DataFile Name :	023CCBE.d

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

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3946-01 Instrumnet Name : P8
 Client Sample ID : 1706195528-29-COMP Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:14:53 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	900	858	708	822	12.26	cps
Antimony	121-1	1742	1517	1817	1692	9.23	cps
Arsenic	75-2	183	185	165	178	6.34	cps
Barium	135-1	4909	4551	4434	4632	5.35	cps
Barium	137-1	7928	7227	7753	7636	4.77	cps
Beryllium	9-1	206	178	139	174	19.24	cps
Bismuth	209-1	3648171	3655227	3705911	3669770	0.86	cps
Bismuth	209-2	1785020	1704795	1774705	1754840	2.49	cps
Boron	11-1	30834	29364	26918	29039	6.81	cps
Boron	10-1	6668	5926	5310	5968	11.40	cps
Cadmium	106-1	1575	1934	1934	1814	11.41	cps
Cadmium	108-1	46	33	8	29	65.47	cps
Cadmium	111-1	1241	1530	1498	1423	11.12	cps
Calcium	43-1	38245	38504	38078	38275	0.56	cps
Calcium	44-1	711306	721730	711116	714717	0.85	cps
Chromium	52-2	5154	5214	5081	5150	1.30	cps
Cobalt	59-2	393	380	373	382	2.66	cps
Copper	63-2	14952	15372	15088	15137	1.42	cps
Dysprosium	156-1	83	92	58	78	22.30	cps
Dysprosium	156-2	10	13	23	16	44.60	cps
Erbium	164-1	92	92	67	83	17.32	cps
Erbium	164-2	13	20	30	21	39.75	cps
Gadolinium	160-1	83	150	125	119	28.20	cps
Gadolinium	160-2	33	53	30	39	32.45	cps
Holmium	165-1	6272328	6250451	6375948	6299576	1.06	cps
Holmium	165-2	2478148	2484864	2478599	2480537	0.15	cps
Indium	115-1	6156083	6339587	6270610	6255427	1.48	cps
Indium	115-2	543254	549173	546630	546352	0.54	cps
Iron	56-2	98591	97717	98367	98225	0.46	cps
Iron	57-2	2678	2656	2239	2524	9.80	cps
Lead	206-1	5568	5640	5351	5520	2.72	cps
Lead	207-1	4668	4851	4579	4699	2.96	cps
Lead	208-1	21335	21858	21491	21562	1.24	cps
Lithium	6-1	676592	687946	687850	684129	0.95	cps
Magnesium	24-2	62982	62882	62714	62859	0.22	cps
Manganese	55-2	7899	8196	7986	8027	1.90	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:14:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2942	2892	3167	3000	4.88	cps
Molybdenum	94-1	2625	2734	2475	2611	4.97	cps
Molybdenum	95-1	2000	1934	1784	1906	5.82	cps
Molybdenum	96-1	2425	2184	2059	2223	8.39	cps
Molybdenum	97-1	1167	1250	1200	1206	3.48	cps
Neodymium	150-1	100	100	73	91	16.89	cps
Neodymium	150-2	27	17	37	27	37.50	cps
Nickel	60-2	3020	3237	3347	3202	5.19	cps
Phosphorus	31-2	7252	7252	6744	7083	4.15	cps
Potassium	39-2	200694	201750	199595	200680	0.54	cps
Rhodium	103-1	6235185	6299122	6301629	6278645	0.60	cps
Rhodium	103-2	2711786	2696435	2716124	2708115	0.38	cps
Scandium	45-1	4620581	4655665	4623260	4633169	0.42	cps
Scandium	45-2	66416	67555	67410	67127	0.92	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	7	4	6	34.70	cps
Selenium	82-1	-111	-164	-204	-160	-29.29	cps
Silicon	28-1	3902802	3855711	3831445	3863319	0.94	cps
Silver	109-1	650	842	750	747	12.83	cps
Silver	107-1	900	775	958	878	10.67	cps
Sodium	23-2	401288	395968	399555	398937	0.68	cps
Strontium	86-1	9053	9112	9270	9145	1.23	cps
Strontium	88-1	56878	56794	55104	56258	1.78	cps
Sulfur	34-1	609864	610814	611854	610844	0.16	cps
Terbium	159-1	6680113	6662468	6752277	6698286	0.71	cps
Terbium	159-2	2517382	2507153	2514734	2513089	0.21	cps
Thallium	203-1	542	458	517	506	8.46	cps
Thallium	205-1	1308	1225	1142	1225	6.80	cps
Tin	118-1	15693	15251	15827	15590	1.93	cps
Titanium	47-1	5109	5143	4818	5023	3.56	cps
Uranium	238-1	683	683	775	714	7.41	cps
Vanadium	51-2	213	247	220	227	7.78	cps
Yttrium	89-1	6936715	7066299	6952689	6985234	1.01	cps
Yttrium	89-2	418992	420876	419597	419822	0.23	cps
Zinc	66-2	11575	11999	12199	11924	2.67	cps
Zirconium	90-1	4234	3976	3667	3959	7.17	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:14:53	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	967	817	892	892	8.41	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3946-01DLX20 Instrumnet Name : P8
 Client Sample ID : 1706195528-29-COMPD Dilution Factor : 20
 Date & Time Acquired :: 2017-06-29 16:18:01 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	58	67	81	39.16	cps
Antimony	121-1	367	467	475	436	13.82	cps
Arsenic	75-2	30	20	19	23	26.06	cps
Barium	135-1	267	208	208	228	14.79	cps
Barium	137-1	300	308	408	339	17.79	cps
Beryllium	9-1	94	144	117	119	21.14	cps
Bismuth	209-1	3498242	3578932	3559876	3545683	1.19	cps
Bismuth	209-2	1723676	1668412	1642109	1678066	2.48	cps
Boron	11-1	12865	12806	11930	12534	4.18	cps
Boron	10-1	2750	2334	2642	2575	8.40	cps
Cadmium	106-1	1717	1717	1625	1686	3.14	cps
Cadmium	108-1	13	25	17	18	35.25	cps
Cadmium	111-1	1243	1218	1159	1207	3.56	cps
Calcium	43-1	8328	8353	7969	8217	2.61	cps
Calcium	44-1	110088	111885	108407	110126	1.58	cps
Chromium	52-2	1283	1237	1310	1277	2.91	cps
Cobalt	59-2	53	40	77	57	32.76	cps
Copper	63-2	1323	1347	1397	1356	2.76	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	33	75	44	60.27	cps
Erbium	164-2	13	0	7	7	99.98	cps
Gadolinium	160-1	75	25	117	72	63.55	cps
Gadolinium	160-2	10	30	17	19	53.91	cps
Holmium	165-1	6174086	6113528	6157261	6148292	0.51	cps
Holmium	165-2	2413770	2424535	2360602	2399636	1.43	cps
Indium	115-1	6198592	6203677	6154197	6185489	0.44	cps
Indium	115-2	542072	542821	536504	540465	0.64	cps
Iron	56-2	9159	9342	9398	9300	1.35	cps
Iron	57-2	222	189	278	230	19.55	cps
Lead	206-1	1283	1206	1239	1243	3.14	cps
Lead	207-1	1217	1133	950	1100	12.40	cps
Lead	208-1	5162	5062	4745	4989	4.36	cps
Lithium	6-1	665074	649655	644269	652999	1.65	cps
Magnesium	24-2	2767	3167	3176	3037	7.69	cps
Manganese	55-2	440	487	467	464	5.04	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3946-01DLX20 Instrumnet Name : P8
 Client Sample ID : 1706195528-29-COMPD Dilution Factor : 20
 Date & Time Acquired :: 2017-06-29 16:18:01 DataFile Name : 027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	150	217	108	158	34.51	cps
Molybdenum	94-1	300	250	275	275	9.09	cps
Molybdenum	95-1	125	117	75	106	25.38	cps
Molybdenum	96-1	183	175	175	178	2.71	cps
Molybdenum	97-1	100	75	92	89	14.33	cps
Neodymium	150-1	13	33	27	24	41.66	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	203	263	173	213	21.48	cps
Phosphorus	31-2	358	325	300	328	8.93	cps
Potassium	39-2	16310	15893	15776	15993	1.76	cps
Rhodium	103-1	6307336	6201736	6252734	6253935	0.84	cps
Rhodium	103-2	2671083	2705122	2682169	2686125	0.65	cps
Scandium	45-1	4613139	4637424	4522170	4590911	1.32	cps
Scandium	45-2	68527	69256	66734	68172	1.90	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	4	4	2	3	34.64	cps
Selenium	82-1	-33	-59	-14	-36	-62.71	cps
Silicon	28-1	565345	565324	557519	562729	0.80	cps
Silver	109-1	208	208	225	214	4.50	cps
Silver	107-1	275	300	283	286	4.45	cps
Sodium	23-2	31068	31277	31194	31180	0.34	cps
Strontium	86-1	2909	2634	3151	2898	8.92	cps
Strontium	88-1	2725	2750	2859	2778	2.55	cps
Sulfur	34-1	335345	337633	338733	337237	0.51	cps
Terbium	159-1	6473489	6547208	6428904	6483200	0.92	cps
Terbium	159-2	2484032	2430520	2394545	2436366	1.85	cps
Thallium	203-1	92	108	167	122	32.22	cps
Thallium	205-1	300	408	242	317	26.71	cps
Tin	118-1	2484	2534	2275	2431	5.64	cps
Titanium	47-1	525	358	408	431	19.86	cps
Uranium	238-1	67	100	167	111	45.83	cps
Vanadium	51-2	33	40	20	31	32.73	cps
Yttrium	89-1	6929171	6888067	6831708	6882982	0.71	cps
Yttrium	89-2	424398	420464	420709	421857	0.52	cps
Zinc	66-2	627	603	537	589	7.93	cps
Zirconium	90-1	775	583	750	703	14.83	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3946-01DLX20	Instrumnet Name :	P8
Client Sample ID :	1706195528-29-COMPD	Dilution Factor :	20
Date & Time Acquired ::	2017-06-29 16:18:01	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	167	108	131	24.16	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108764	108841	109043	108883	0.13	cps
Antimony	121-1	3986295	4018729	4052563	4019195	0.82	cps
Arsenic	75-2	99854	99533	100087	99824	0.28	cps
Barium	135-1	3918880	3935547	3908836	3921088	0.34	cps
Barium	137-1	6589420	6654570	6594096	6612695	0.55	cps
Beryllium	9-1	524687	525476	529516	526560	0.49	cps
Bismuth	209-1	3175716	3148811	3220284	3181604	1.13	cps
Bismuth	209-2	1501822	1527546	1518403	1515924	0.86	cps
Boron	11-1	308629	315866	322643	315712	2.22	cps
Boron	10-1	63935	66371	66957	65754	2.44	cps
Cadmium	106-1	94623	93777	95673	94691	1.00	cps
Cadmium	108-1	63089	62720	64575	63461	1.55	cps
Cadmium	111-1	898135	904421	904711	902422	0.41	cps
Calcium	43-1	1136853	1130318	1143853	1137008	0.60	cps
Calcium	44-1	18541089	18369190	18449957	18453412	0.47	cps
Chromium	52-2	801648	799193	800780	800540	0.16	cps
Cobalt	59-2	1601365	1574059	1584971	1586798	0.87	cps
Copper	63-2	2739169	2759423	2731536	2743376	0.53	cps
Dysprosium	156-1	58	83	58	67	21.65	cps
Dysprosium	156-2	23	10	10	14	53.28	cps
Erbium	164-1	75	42	8	42	80.00	cps
Erbium	164-2	13	13	3	10	57.75	cps
Gadolinium	160-1	83	58	100	81	26.03	cps
Gadolinium	160-2	10	60	33	34	72.64	cps
Holmium	165-1	5781092	5660827	5671950	5704623	1.16	cps
Holmium	165-2	2222080	2225137	2246665	2231294	0.60	cps
Indium	115-1	5542827	5644361	5622415	5603201	0.95	cps
Indium	115-2	484868	489815	488959	487880	0.54	cps
Iron	56-2	27762355	27564773	27521311	27616146	0.47	cps
Iron	57-2	693016	688241	688751	690003	0.38	cps
Lead	206-1	1804060	1809516	1799578	1804385	0.28	cps
Lead	207-1	1579614	1565807	1585248	1576890	0.63	cps
Lead	208-1	7205122	7218736	7273393	7232417	0.50	cps
Lithium	6-1	600407	593629	597758	597265	0.57	cps
Magnesium	24-2	2748909	2740565	2720531	2736668	0.53	cps
Manganese	55-2	489384	483787	486277	486483	0.58	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2979367	2946583	2982774	2969575	0.67	cps
Molybdenum	94-1	3428552	3408302	3478481	3438445	1.05	cps
Molybdenum	95-1	1879092	1889024	1909172	1892429	0.81	cps
Molybdenum	96-1	2379616	2382024	2425634	2395758	1.08	cps
Molybdenum	97-1	1126318	1130419	1137373	1131370	0.49	cps
Neodymium	150-1	147	87	113	116	26.01	cps
Neodymium	150-2	3	17	7	9	78.08	cps
Nickel	60-2	457022	456784	454673	456160	0.28	cps
Phosphorus	31-2	9779	9779	9354	9637	2.55	cps
Potassium	39-2	978108	976773	974825	976569	0.17	cps
Rhodium	103-1	5500766	5513477	5559192	5524478	0.56	cps
Rhodium	103-2	2385425	2409191	2400337	2398318	0.50	cps
Scandium	45-1	4308278	4230987	4292640	4277302	0.96	cps
Scandium	45-2	63269	63911	62619	63266	1.02	cps
Selenium	77-2	843	930	840	871	5.86	cps
Selenium	78-2	2673	2735	2652	2687	1.62	cps
Selenium	82-1	60933	60972	60563	60822	0.37	cps
Silicon	28-1	2414041	2412882	2434685	2420536	0.51	cps
Silver	109-1	4435706	4374203	4400275	4403395	0.70	cps
Silver	107-1	4644697	4631786	4650082	4642188	0.20	cps
Sodium	23-2	6765170	6785473	6730954	6760532	0.41	cps
Strontium	86-1	1183933	1174065	1190889	1182962	0.71	cps
Strontium	88-1	10251242	10080885	10181206	10171111	0.84	cps
Sulfur	34-1	666315	666106	668648	667023	0.21	cps
Terbium	159-1	6063019	6052874	6081887	6065927	0.24	cps
Terbium	159-2	2232466	2261082	2260535	2251361	0.73	cps
Thallium	203-1	2268809	2212895	2242935	2241546	1.25	cps
Thallium	205-1	5399803	5234451	5227708	5287321	1.84	cps
Tin	118-1	2760067	2776152	2825111	2787110	1.22	cps
Titanium	47-1	575119	569942	577633	574231	0.68	cps
Uranium	238-1	6271913	6302367	6303928	6292736	0.29	cps
Vanadium	51-2	580502	582182	579296	580660	0.25	cps
Yttrium	89-1	6396202	6395814	6487576	6426531	0.82	cps
Yttrium	89-2	387382	388466	388123	387990	0.14	cps
Zinc	66-2	274968	276113	272514	274532	0.67	cps
Zirconium	90-1	6472016	6572915	6523795	6522909	0.77	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BS	Instrumnet Name :	P8
Client Sample ID :	PB100214BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:21:10	DataFile Name :	028LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1449638	1467738	1458101	1458492	0.62	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107959	107842	109344	108382	0.77	cps
Antimony	121-1	3990185	4020118	4055374	4021892	0.81	cps
Arsenic	75-2	98800	99854	99039	99231	0.56	cps
Barium	135-1	3959493	3968808	3954305	3960869	0.19	cps
Barium	137-1	6663021	6778983	6731260	6724421	0.87	cps
Beryllium	9-1	535749	529499	531456	532235	0.60	cps
Bismuth	209-1	3238095	3245150	3259091	3247445	0.33	cps
Bismuth	209-2	1513970	1507811	1421736	1481172	3.48	cps
Boron	11-1	323590	331886	329559	328345	1.30	cps
Boron	10-1	67259	67284	69084	67876	1.54	cps
Cadmium	106-1	93423	96159	94330	94637	1.47	cps
Cadmium	108-1	63357	63148	62787	63097	0.46	cps
Cadmium	111-1	896468	911746	906562	904925	0.86	cps
Calcium	43-1	1128947	1132643	1140329	1133973	0.51	cps
Calcium	44-1	18499620	18439168	18517746	18485511	0.22	cps
Chromium	52-2	793329	792926	794043	793432	0.07	cps
Cobalt	59-2	1608458	1580562	1582575	1590531	0.98	cps
Copper	63-2	2727190	2720833	2722410	2723478	0.12	cps
Dysprosium	156-1	58	42	58	53	18.23	cps
Dysprosium	156-2	7	20	7	11	69.25	cps
Erbium	164-1	58	25	25	36	53.30	cps
Erbium	164-2	10	10	3	8	49.52	cps
Gadolinium	160-1	108	42	100	83	43.59	cps
Gadolinium	160-2	37	37	23	32	23.90	cps
Holmium	165-1	5714274	5707690	5685812	5702592	0.26	cps
Holmium	165-2	2262645	2222013	2107916	2197525	3.65	cps
Indium	115-1	5608818	5666974	5628485	5634759	0.52	cps
Indium	115-2	486004	486531	453282	475272	4.01	cps
Iron	56-2	27898417	27388253	27457169	27581279	1.00	cps
Iron	57-2	686249	682435	686803	685162	0.35	cps
Lead	206-1	1827496	1806162	1840291	1824650	0.94	cps
Lead	207-1	1597979	1589199	1604530	1597236	0.48	cps
Lead	208-1	7267142	7335883	7377003	7326676	0.76	cps
Lithium	6-1	598731	606932	612137	605933	1.12	cps
Magnesium	24-2	2742478	2743696	2751266	2745813	0.17	cps
Manganese	55-2	481051	477966	484024	481014	0.63	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2981183	3004888	2992098	2992723	0.40	cps
Molybdenum	94-1	3449461	3467097	3463184	3459914	0.27	cps
Molybdenum	95-1	1882353	1914722	1864214	1887096	1.36	cps
Molybdenum	96-1	2412979	2439037	2375216	2409077	1.33	cps
Molybdenum	97-1	1136750	1142676	1134931	1138119	0.36	cps
Neodymium	150-1	140	100	147	129	19.59	cps
Neodymium	150-2	3	13	17	11	62.48	cps
Nickel	60-2	452128	449426	455218	452257	0.64	cps
Phosphorus	31-2	9670	9387	9062	9373	3.25	cps
Potassium	39-2	973057	963210	971858	969375	0.55	cps
Rhodium	103-1	5601167	5634782	5557130	5597693	0.70	cps
Rhodium	103-2	2437254	2405479	2261794	2368176	3.95	cps
Scandium	45-1	4240706	4270499	4279757	4263654	0.48	cps
Scandium	45-2	62904	62582	59144	61543	3.39	cps
Selenium	77-2	597	787	760	714	14.40	cps
Selenium	78-2	2734	2752	2673	2719	1.53	cps
Selenium	82-1	61238	61254	60749	61080	0.47	cps
Silicon	28-1	2403464	2443923	2442386	2429924	0.94	cps
Silver	109-1	4304766	4405360	4428232	4379452	1.50	cps
Silver	107-1	4600798	4670103	4669993	4646965	0.86	cps
Sodium	23-2	6769683	6687891	6761752	6739775	0.67	cps
Strontium	86-1	1184339	1190598	1188457	1187798	0.27	cps
Strontium	88-1	10152889	10280479	10204400	10212589	0.63	cps
Sulfur	34-1	666372	666297	664709	665793	0.14	cps
Terbium	159-1	6080487	6017949	6038119	6045518	0.53	cps
Terbium	159-2	2241866	2236202	2147317	2208462	2.40	cps
Thallium	203-1	2264746	2290727	2256617	2270697	0.78	cps
Thallium	205-1	5309170	5339173	5310672	5319672	0.32	cps
Tin	118-1	2796947	2802319	2792664	2797310	0.17	cps
Titanium	47-1	573205	574915	567783	571968	0.65	cps
Uranium	238-1	6277171	6335028	6334219	6315472	0.53	cps
Vanadium	51-2	574644	566467	577053	572722	0.97	cps
Yttrium	89-1	6357031	6443919	6404485	6401812	0.68	cps
Yttrium	89-2	384793	387105	361090	377663	3.81	cps
Zinc	66-2	269236	270995	273210	271147	0.73	cps
Zirconium	90-1	6556999	6680041	6457093	6564711	1.70	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100214BSD	Instrumnet Name :	P8
Client Sample ID :	PB100214BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:24:09	DataFile Name :	029LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1470362	1471575	1475199	1472379	0.17	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	554927	558879	560428	558078	0.51	cps
Antimony	121-1	4050821	4022704	3987673	4020400	0.79	cps
Arsenic	75-2	98854	98069	99854	98925	0.90	cps
Barium	135-1	3971230	3988380	3966106	3975239	0.29	cps
Barium	137-1	6799970	6728965	6725468	6751468	0.62	cps
Beryllium	9-1	548686	552063	557322	552691	0.79	cps
Bismuth	209-1	3187654	3125495	3114130	3142427	1.26	cps
Bismuth	209-2	1487975	1492637	1495849	1492154	0.27	cps
Boron	11-1	341067	342953	351308	345109	1.58	cps
Boron	10-1	71528	72576	74234	72779	1.87	cps
Cadmium	106-1	92677	91427	94127	92744	1.46	cps
Cadmium	108-1	61586	62545	62700	62277	0.97	cps
Cadmium	111-1	890907	880985	891449	887781	0.66	cps
Calcium	43-1	5572139	5556564	5625531	5584745	0.65	cps
Calcium	44-1	90790685	91505242	90363746	90886558	0.63	cps
Chromium	52-2	810448	812029	811372	811283	0.10	cps
Cobalt	59-2	1570393	1569938	1591026	1577119	0.76	cps
Copper	63-2	2645583	2656120	2654315	2652006	0.21	cps
Dysprosium	156-1	117	117	92	108	13.32	cps
Dysprosium	156-2	7	17	20	14	48.02	cps
Erbium	164-1	33	25	42	33	25.01	cps
Erbium	164-2	3	0	0	1	173.21	cps
Gadolinium	160-1	100	108	117	108	7.69	cps
Gadolinium	160-2	40	37	30	36	14.32	cps
Holmium	165-1	5726695	5709199	5747834	5727909	0.34	cps
Holmium	165-2	2246542	2226962	2252493	2241999	0.60	cps
Indium	115-1	5507185	5471547	5578888	5519207	0.99	cps
Indium	115-2	478668	478764	479221	478884	0.06	cps
Iron	56-2	134963228	135126028	134802681	134963979	0.12	cps
Iron	57-2	3424388	3384852	3388634	3399291	0.64	cps
Lead	206-1	1818340	1801818	1845415	1821858	1.21	cps
Lead	207-1	1607312	1581050	1606477	1598280	0.93	cps
Lead	208-1	7342814	7259592	7376705	7326370	0.82	cps
Lithium	6-1	605182	610109	623498	612930	1.55	cps
Magnesium	24-2	13362391	13388794	13320357	13357181	0.26	cps
Manganese	55-2	480535	482644	480135	481105	0.28	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3045248	3037789	3047435	3043490	0.17	cps
Molybdenum	94-1	3489523	3480390	3533946	3501286	0.82	cps
Molybdenum	95-1	1934598	1909433	1964292	1936108	1.42	cps
Molybdenum	96-1	2455675	2455520	2466320	2459172	0.25	cps
Molybdenum	97-1	1163116	1141958	1159692	1154922	0.98	cps
Neodymium	150-1	120	167	140	142	16.46	cps
Neodymium	150-2	10	27	13	17	52.93	cps
Nickel	60-2	447430	444471	445525	445809	0.34	cps
Phosphorus	31-2	9354	9570	9462	9462	1.15	cps
Potassium	39-2	4776576	4778311	4768618	4774502	0.11	cps
Rhodium	103-1	5398802	5396989	5378146	5391312	0.21	cps
Rhodium	103-2	2327046	2297147	2332740	2318977	0.82	cps
Scandium	45-1	4247930	4232895	4234059	4238295	0.20	cps
Scandium	45-2	63258	62291	63740	63096	1.17	cps
Selenium	77-2	733	903	787	808	10.76	cps
Selenium	78-2	2535	2671	2539	2582	2.98	cps
Selenium	82-1	60869	60765	60270	60635	0.53	cps
Silicon	28-1	2448266	2445581	2486509	2460118	0.93	cps
Silver	109-1	4320372	4243559	4308174	4290701	0.96	cps
Silver	107-1	4507516	4478265	4574316	4520032	1.09	cps
Sodium	23-2	32727159	32938141	32975080	32880127	0.41	cps
Strontium	86-1	1219169	1221001	1226857	1222342	0.33	cps
Strontium	88-1	10471260	10535916	10708073	10571750	1.16	cps
Sulfur	34-1	681624	683015	687772	684137	0.47	cps
Terbium	159-1	6121024	6061475	6121554	6101351	0.57	cps
Terbium	159-2	2274852	2273424	2259535	2269270	0.37	cps
Thallium	203-1	2265062	2245094	2271048	2260401	0.60	cps
Thallium	205-1	5344786	5316442	5320745	5327324	0.29	cps
Tin	118-1	2798442	2764606	2796156	2786401	0.68	cps
Titanium	47-1	575472	579858	579984	578438	0.44	cps
Uranium	238-1	6531533	6381232	6498790	6470518	1.22	cps
Vanadium	51-2	583858	579095	583301	582085	0.45	cps
Yttrium	89-1	6363391	6332279	6378889	6358186	0.37	cps
Yttrium	89-2	385443	383231	385646	384773	0.35	cps
Zinc	66-2	266332	266390	267804	266842	0.31	cps
Zirconium	90-1	6626644	6658892	6751294	6678943	0.97	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV17	Instrumnet Name :	P8
Client Sample ID :	CCV17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:27:09	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1497428	1483418	1496432	1492426	0.52	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB17 Instrumnet Name : P8
 Client Sample ID : CCB17 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:30:19 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	17	28	45.82	cps
Antimony	121-1	1033	667	858	853	21.51	cps
Arsenic	75-2	7	15	15	12	34.61	cps
Barium	135-1	67	75	42	61	28.38	cps
Barium	137-1	17	25	58	33	66.14	cps
Beryllium	9-1	106	167	133	135	22.63	cps
Bismuth	209-1	3568690	3528382	3546900	3547991	0.57	cps
Bismuth	209-2	1654332	1620730	1632411	1635824	1.04	cps
Boron	11-1	15192	15334	14032	14853	4.81	cps
Boron	10-1	3217	3434	2759	3137	10.99	cps
Cadmium	106-1	1817	1759	1792	1789	1.64	cps
Cadmium	108-1	8	21	33	21	60.01	cps
Cadmium	111-1	1299	1233	1273	1268	2.63	cps
Calcium	43-1	6694	6260	6569	6507	3.43	cps
Calcium	44-1	81956	79165	81394	80838	1.83	cps
Chromium	52-2	1020	1007	907	978	6.34	cps
Cobalt	59-2	53	40	33	42	24.12	cps
Copper	63-2	603	563	530	566	6.49	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	17	17	25	57.73	cps
Erbium	164-2	10	0	10	7	86.60	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	17	17	7	13	43.29	cps
Holmium	165-1	6104026	6081656	5997712	6061131	0.92	cps
Holmium	165-2	2370201	2362460	2372219	2368293	0.22	cps
Indium	115-1	6139961	6062952	6020643	6074519	1.00	cps
Indium	115-2	524094	523313	521008	522805	0.31	cps
Iron	56-2	4734	4434	4679	4616	3.46	cps
Iron	57-2	150	100	122	124	20.19	cps
Lead	206-1	1500	1456	1406	1454	3.25	cps
Lead	207-1	1445	1417	1172	1345	11.14	cps
Lead	208-1	6412	6212	5478	6034	8.15	cps
Lithium	6-1	678697	673621	674704	675674	0.40	cps
Magnesium	24-2	217	158	175	183	16.39	cps
Manganese	55-2	100	63	97	87	23.40	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:30:19	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	33	17	92	47	83.40	cps
Molybdenum	94-1	325	233	267	275	16.87	cps
Molybdenum	95-1	42	25	25	31	31.50	cps
Molybdenum	96-1	108	125	167	133	22.53	cps
Molybdenum	97-1	50	50	42	47	10.18	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	90	40	60	63	39.74	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	7361	6869	6719	6983	4.81	cps
Rhodium	103-1	6124167	5985241	6067078	6058828	1.15	cps
Rhodium	103-2	2572492	2576768	2571021	2573427	0.12	cps
Scandium	45-1	4480331	4511865	4417070	4469755	1.08	cps
Scandium	45-2	65636	65455	65662	65584	0.17	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	7	6	11	8	35.21	cps
Selenium	82-1	81	-122	-7	-16	-636.74	cps
Silicon	28-1	395497	396066	390675	394080	0.75	cps
Silver	109-1	375	383	358	372	3.42	cps
Silver	107-1	325	317	333	325	2.56	cps
Sodium	23-2	20741	20090	19698	20176	2.61	cps
Strontium	86-1	2767	2867	2517	2717	6.64	cps
Strontium	88-1	75	192	108	125	48.08	cps
Sulfur	34-1	336732	337509	333236	335826	0.68	cps
Terbium	159-1	6478252	6410102	6390043	6426132	0.72	cps
Terbium	159-2	2391407	2362024	2332264	2361898	1.25	cps
Thallium	203-1	192	242	217	217	11.54	cps
Thallium	205-1	592	533	450	525	13.56	cps
Tin	118-1	2117	1917	2543	2192	14.60	cps
Titanium	47-1	125	142	183	150	20.03	cps
Uranium	238-1	125	117	50	97	42.28	cps
Vanadium	51-2	13	27	13	18	43.33	cps
Yttrium	89-1	6730770	6690249	6717680	6712900	0.31	cps
Yttrium	89-2	404728	405485	402895	404369	0.33	cps
Zinc	66-2	123	100	133	119	14.39	cps
Zirconium	90-1	742	692	608	681	9.90	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB17	Instrumnet Name :	P8
Client Sample ID :	CCB17	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:30:19	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	142	133	131	9.75	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	42	25	66.68	cps
Antimony	121-1	358	325	267	317	14.65	cps
Arsenic	75-2	17	15	13	15	12.52	cps
Barium	135-1	75	67	50	64	19.92	cps
Barium	137-1	133	142	100	125	17.64	cps
Beryllium	9-1	94	67	128	96	31.77	cps
Bismuth	209-1	3492920	3149263	3336094	3326092	5.17	cps
Bismuth	209-2	1611923	1593228	1577219	1594124	1.09	cps
Boron	11-1	7953	7402	7827	7727	3.73	cps
Boron	10-1	1684	1675	1675	1678	0.29	cps
Cadmium	106-1	1742	1542	1742	1675	6.89	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Cadmium	111-1	1225	1101	1230	1185	6.14	cps
Calcium	43-1	6827	7035	6560	6808	3.50	cps
Calcium	44-1	78026	78210	78176	78137	0.13	cps
Chromium	52-2	1140	1023	1050	1071	5.71	cps
Cobalt	59-2	43	33	53	43	23.08	cps
Copper	63-2	617	493	533	548	11.49	cps
Dysprosium	156-1	0	25	0	8	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	17	33	31	41.66	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	10	3	10	8	49.52	cps
Holmium	165-1	5954012	5507314	5704571	5721966	3.91	cps
Holmium	165-2	2342839	2289308	2268451	2300199	1.67	cps
Indium	115-1	5969494	5488854	5740753	5733034	4.19	cps
Indium	115-2	518023	518571	514794	517129	0.39	cps
Iron	56-2	4306	4545	4301	4384	3.19	cps
Iron	57-2	172	139	100	137	26.38	cps
Lead	206-1	878	711	867	819	11.39	cps
Lead	207-1	633	711	617	654	7.71	cps
Lead	208-1	3184	3100	2995	3093	3.06	cps
Lithium	6-1	642870	598338	628637	623282	3.65	cps
Magnesium	24-2	92	67	92	83	17.32	cps
Manganese	55-2	103	87	103	98	9.84	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	75	33	67	58	37.80	cps
Molybdenum	94-1	158	242	233	211	21.74	cps
Molybdenum	95-1	25	8	33	22	57.29	cps
Molybdenum	96-1	108	83	67	86	24.35	cps
Molybdenum	97-1	33	25	17	25	33.32	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	43	83	58	38.42	cps
Phosphorus	31-2	8	50	8	22	108.27	cps
Potassium	39-2	6327	6452	6377	6385	0.99	cps
Rhodium	103-1	6009067	5534237	5801802	5781702	4.12	cps
Rhodium	103-2	2566245	2563064	2585726	2571678	0.48	cps
Scandium	45-1	4508885	4201646	4310278	4340270	3.59	cps
Scandium	45-2	66048	66128	65150	65775	0.83	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	9	7	8	13.31	cps
Selenium	82-1	157	-52	49	51	203.64	cps
Silicon	28-1	383225	382509	387180	384304	0.65	cps
Silver	109-1	200	217	167	194	13.09	cps
Silver	107-1	225	183	292	233	23.42	cps
Sodium	23-2	14316	14350	13524	14063	3.32	cps
Strontium	86-1	2659	2525	2534	2573	2.90	cps
Strontium	88-1	233	158	108	167	37.75	cps
Sulfur	34-1	338317	340798	335889	338335	0.73	cps
Terbium	159-1	6356442	5824349	6191623	6124138	4.45	cps
Terbium	159-2	2337516	2340862	2279844	2319407	1.48	cps
Thallium	203-1	42	83	117	81	46.64	cps
Thallium	205-1	217	117	225	186	32.39	cps
Tin	118-1	1608	1559	1709	1625	4.70	cps
Titanium	47-1	183	183	233	200	14.44	cps
Uranium	238-1	75	67	75	72	6.66	cps
Vanadium	51-2	23	7	17	16	53.90	cps
Yttrium	89-1	6637833	6191412	6390114	6406453	3.49	cps
Yttrium	89-2	402947	403167	396244	400786	0.98	cps
Zinc	66-2	93	97	130	107	19.01	cps
Zirconium	90-1	500	483	467	483	3.45	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BL	Instrumnet Name :	P8
Client Sample ID :	PB100108BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:34:54	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	92	117	100	103	12.39	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	292	200	242	244	18.78	cps
Arsenic	75-2	6	6	7	6	17.29	cps
Barium	135-1	50	25	33	36	35.25	cps
Barium	137-1	75	67	108	83	26.46	cps
Beryllium	9-1	72	67	117	85	32.17	cps
Bismuth	209-1	3228768	3209212	3193245	3210409	0.55	cps
Bismuth	209-2	1487913	1498484	1474598	1486998	0.80	cps
Boron	11-1	6835	6760	6552	6716	2.19	cps
Boron	10-1	1692	1475	1383	1517	10.44	cps
Cadmium	106-1	1684	1467	1709	1620	8.21	cps
Cadmium	108-1	13	13	4	10	49.46	cps
Cadmium	111-1	1182	1035	1214	1144	8.36	cps
Calcium	43-1	7144	6360	6602	6702	5.99	cps
Calcium	44-1	78544	78747	81067	79453	1.76	cps
Chromium	52-2	1000	1107	1260	1122	11.65	cps
Cobalt	59-2	63	57	57	59	6.53	cps
Copper	63-2	560	533	513	536	4.37	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	25	17	25	22	21.64	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	108	50	67	75	40.06	cps
Gadolinium	160-2	30	20	7	19	61.96	cps
Holmium	165-1	5597530	5392280	5494536	5494782	1.87	cps
Holmium	165-2	2171931	2154224	2128670	2151608	1.01	cps
Indium	115-1	5587357	5595220	5576792	5586456	0.17	cps
Indium	115-2	488556	489991	487996	488847	0.21	cps
Iron	56-2	4656	4757	4440	4618	3.51	cps
Iron	57-2	139	94	117	117	19.05	cps
Lead	206-1	1756440	1719857	1736488	1737595	1.05	cps
Lead	207-1	1536394	1529734	1551078	1539068	0.71	cps
Lead	208-1	7062752	6978815	7037725	7026430	0.61	cps
Lithium	6-1	608945	592583	599144	600224	1.37	cps
Magnesium	24-2	117	158	92	122	27.56	cps
Manganese	55-2	130	113	103	116	11.65	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	33	50	25	36	35.25	cps
Molybdenum	94-1	200	200	267	222	17.32	cps
Molybdenum	95-1	42	42	25	36	26.65	cps
Molybdenum	96-1	108	100	67	92	24.05	cps
Molybdenum	97-1	17	33	17	22	43.28	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	37	80	70	62	36.46	cps
Phosphorus	31-2	17	42	25	28	45.82	cps
Potassium	39-2	6260	6427	6410	6366	1.44	cps
Rhodium	103-1	5647399	5562641	5617990	5609344	0.77	cps
Rhodium	103-2	2395467	2414937	2410307	2406904	0.42	cps
Scandium	45-1	4205438	4125652	4262370	4197820	1.64	cps
Scandium	45-2	61789	61554	62190	61844	0.52	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	7	17	7	10	50.93	cps
Selenium	82-1	-185	-89	-185	-153	-36.11	cps
Silicon	28-1	414919	404873	403776	407856	1.51	cps
Silver	109-1	75	192	250	172	51.74	cps
Silver	107-1	300	175	183	219	31.85	cps
Sodium	23-2	12731	12639	12022	12464	3.09	cps
Strontium	86-1	2692	2525	2717	2645	3.94	cps
Strontium	88-1	217	250	275	247	11.84	cps
Sulfur	34-1	343714	347394	345235	345448	0.54	cps
Terbium	159-1	5903251	5776930	5935992	5872058	1.43	cps
Terbium	159-2	2175099	2164456	2207635	2182397	1.03	cps
Thallium	203-1	100	108	42	83	43.59	cps
Thallium	205-1	100	175	117	131	30.16	cps
Tin	118-1	550	575	600	575	4.35	cps
Titanium	47-1	125	217	300	214	40.92	cps
Uranium	238-1	67	50	50	56	17.32	cps
Vanadium	51-2	13	30	23	22	37.76	cps
Yttrium	89-1	6330269	6254519	6176022	6253603	1.23	cps
Yttrium	89-2	378134	376314	380698	378382	0.58	cps
Zinc	66-2	207	213	250	223	10.45	cps
Zirconium	90-1	508	433	475	472	7.96	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100108BS	Instrumnet Name :	P8
Client Sample ID :	PB100108BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:38:03	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	83	83	83	0.00	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-01 Instrumnet Name : P8
 Client Sample ID : DC14266-01-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:41:11 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	108	158	158	31.58	cps
Antimony	121-1	6102	6360	6577	6346	3.75	cps
Arsenic	75-2	59	52	52	54	7.88	cps
Barium	135-1	30144	28473	30152	29590	3.27	cps
Barium	137-1	50857	51234	51141	51078	0.38	cps
Beryllium	9-1	61	83	83	76	16.90	cps
Bismuth	209-1	3247053	3484766	3499890	3410570	4.16	cps
Bismuth	209-2	1619511	1621299	1610735	1617182	0.35	cps
Boron	11-1	8044	9103	8395	8514	6.34	cps
Boron	10-1	1675	1725	1542	1647	5.75	cps
Cadmium	106-1	1600	1567	1509	1558	2.98	cps
Cadmium	108-1	21	21	4	15	62.96	cps
Cadmium	111-1	1168	1153	1086	1136	3.83	cps
Calcium	43-1	145630	141356	139883	142290	2.10	cps
Calcium	44-1	2403323	2319853	2307708	2343628	2.22	cps
Chromium	52-2	1213	1180	1223	1206	1.88	cps
Cobalt	59-2	213	223	240	226	5.97	cps
Copper	63-2	752889	747797	741947	747544	0.73	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	17	13	3	11	62.48	cps
Erbium	164-1	33	75	100	69	48.50	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	100	83	100	94	10.19	cps
Gadolinium	160-2	47	27	23	32	39.17	cps
Holmium	165-1	5530120	5956147	5923303	5803190	4.08	cps
Holmium	165-2	2381098	2375596	2324250	2360315	1.33	cps
Indium	115-1	5614384	5972219	5880076	5822226	3.19	cps
Indium	115-2	529384	526536	524950	526957	0.43	cps
Iron	56-2	32250	32344	32698	32431	0.73	cps
Iron	57-2	939	961	850	917	6.42	cps
Lead	206-1	4773	4468	4651	4631	3.32	cps
Lead	207-1	3778	3756	3478	3671	4.55	cps
Lead	208-1	18411	17761	17138	17770	3.58	cps
Lithium	6-1	609148	644371	643626	632382	3.18	cps
Magnesium	24-2	75358	73968	73592	74306	1.25	cps
Manganese	55-2	5821	5788	5675	5761	1.34	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-01	Instrumnet Name :	P8
Client Sample ID :	DC14266-01-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:41:11	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	267	283	292	281	4.54	cps
Molybdenum	94-1	392	367	458	406	11.68	cps
Molybdenum	95-1	125	117	150	131	13.29	cps
Molybdenum	96-1	250	317	267	278	12.49	cps
Molybdenum	97-1	75	183	83	114	52.94	cps
Neodymium	150-1	33	47	53	44	22.91	cps
Neodymium	150-2	10	3	0	4	114.60	cps
Nickel	60-2	1593	1467	1500	1520	4.32	cps
Phosphorus	31-2	592	650	617	619	4.72	cps
Potassium	39-2	28472	29256	28689	28806	1.41	cps
Rhodium	103-1	5601509	5990990	6000904	5864468	3.88	cps
Rhodium	103-2	2602463	2583181	2613904	2599849	0.60	cps
Scandium	45-1	4229530	4528264	4545299	4434364	4.00	cps
Scandium	45-2	67665	67206	66995	67289	0.51	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	11	7	4	7	50.02	cps
Selenium	82-1	0	71	-64	3	2670.69	cps
Silicon	28-1	3524061	3485843	3423358	3477754	1.46	cps
Silver	109-1	208	317	333	286	23.72	cps
Silver	107-1	333	292	242	289	15.89	cps
Sodium	23-2	1443459	1451154	1443803	1446139	0.30	cps
Strontium	86-1	51624	51574	50745	51314	0.96	cps
Strontium	88-1	423106	414469	410582	416052	1.54	cps
Sulfur	34-1	388797	389149	392231	390059	0.48	cps
Terbium	159-1	5943171	6259443	6257833	6153482	2.96	cps
Terbium	159-2	2401977	2326879	2340540	2356465	1.70	cps
Thallium	203-1	125	92	150	122	23.95	cps
Thallium	205-1	242	242	292	258	11.17	cps
Tin	118-1	892	883	1125	967	14.19	cps
Titanium	47-1	533	558	617	569	7.51	cps
Uranium	238-1	150	192	200	181	14.84	cps
Vanadium	51-2	97	80	60	79	23.27	cps
Yttrium	89-1	6277523	6688967	6677460	6547984	3.58	cps
Yttrium	89-2	409807	407420	408826	408684	0.29	cps
Zinc	66-2	78591	79037	76784	78138	1.53	cps
Zirconium	90-1	1158	1125	1058	1114	4.57	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-01	Instrumnet Name :	P8
Client Sample ID :	DC14266-01-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:41:11	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	300	183	167	217	33.53	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-02 Instrumnet Name : P8
 Client Sample ID : DC14266-02-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:44:20 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	150	292	183	52.42	cps
Antimony	121-1	717	625	817	720	13.32	cps
Arsenic	75-2	41	57	59	52	19.44	cps
Barium	135-1	29158	28632	28482	28757	1.23	cps
Barium	137-1	50012	49778	49711	49834	0.32	cps
Beryllium	9-1	83	72	67	74	11.46	cps
Bismuth	209-1	3388109	3358824	3375914	3374282	0.44	cps
Bismuth	209-2	1610994	1572983	1573559	1585845	1.37	cps
Boron	11-1	6952	6852	7211	7005	2.64	cps
Boron	10-1	1475	1483	1367	1442	4.52	cps
Cadmium	106-1	1492	1825	1934	1750	13.15	cps
Cadmium	108-1	8	4	8	7	34.59	cps
Cadmium	111-1	1084	1291	1356	1244	11.41	cps
Calcium	43-1	139178	137982	137064	138075	0.77	cps
Calcium	44-1	2309313	2271105	2271787	2284069	0.96	cps
Chromium	52-2	1357	1163	1203	1241	8.22	cps
Cobalt	59-2	90	127	63	93	34.07	cps
Copper	63-2	529421	527624	527122	528056	0.23	cps
Dysprosium	156-1	17	25	58	33	66.14	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	42	17	33	43.30	cps
Erbium	164-2	7	23	10	13	66.12	cps
Gadolinium	160-1	125	42	108	92	48.10	cps
Gadolinium	160-2	27	33	33	31	12.36	cps
Holmium	165-1	6020506	5916260	5828392	5921719	1.62	cps
Holmium	165-2	2307483	2268806	2291066	2289118	0.85	cps
Indium	115-1	5971656	5912177	5961796	5948543	0.54	cps
Indium	115-2	517621	517842	517595	517686	0.03	cps
Iron	56-2	25162	28003	25558	26241	5.86	cps
Iron	57-2	694	689	656	680	3.09	cps
Lead	206-1	1400	1672	1411	1495	10.31	cps
Lead	207-1	1233	1283	1095	1204	8.13	cps
Lead	208-1	5495	5784	5334	5538	4.12	cps
Lithium	6-1	634068	637267	633001	634779	0.35	cps
Magnesium	24-2	73029	71983	72870	72627	0.78	cps
Manganese	55-2	5708	5318	5515	5513	3.54	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-02 Instrumnet Name : P8
 Client Sample ID : DC14266-02-FL1-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:44:20 DataFile Name : 035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	242	258	158	219	24.42	cps
Molybdenum	94-1	475	425	358	419	13.96	cps
Molybdenum	95-1	150	167	117	144	17.63	cps
Molybdenum	96-1	225	317	217	253	21.95	cps
Molybdenum	97-1	83	125	108	106	19.87	cps
Neodymium	150-1	20	40	27	29	35.25	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	280	263	293	279	5.39	cps
Phosphorus	31-2	642	775	708	708	9.41	cps
Potassium	39-2	28104	28104	28146	28118	0.09	cps
Rhodium	103-1	5907941	5951481	5896639	5918687	0.49	cps
Rhodium	103-2	2559717	2560614	2509211	2543181	1.16	cps
Scandium	45-1	4498789	4465673	4463597	4476019	0.44	cps
Scandium	45-2	66175	66423	66975	66524	0.62	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	7	11	6	8	35.21	cps
Selenium	82-1	1	-83	52	-10	-696.47	cps
Silicon	28-1	3397452	3329862	3391530	3372948	1.11	cps
Silver	109-1	275	283	200	253	18.16	cps
Silver	107-1	183	175	325	228	37.01	cps
Sodium	23-2	1432461	1443167	1435398	1437008	0.38	cps
Strontium	86-1	49173	50327	49407	49636	1.23	cps
Strontium	88-1	400666	404637	402425	402576	0.49	cps
Sulfur	34-1	383257	383585	376551	381131	1.04	cps
Terbium	159-1	6355217	6334927	6334838	6341661	0.19	cps
Terbium	159-2	2335710	2324577	2329789	2330025	0.24	cps
Thallium	203-1	92	100	67	86	20.15	cps
Thallium	205-1	158	258	233	217	24.02	cps
Tin	118-1	550	567	567	561	1.72	cps
Titanium	47-1	533	442	592	522	14.48	cps
Uranium	238-1	225	225	183	211	11.40	cps
Vanadium	51-2	53	67	63	61	11.36	cps
Yttrium	89-1	6646349	6653447	6623267	6641021	0.24	cps
Yttrium	89-2	407156	407672	402209	405679	0.74	cps
Zinc	66-2	2250	2337	2170	2252	3.70	cps
Zirconium	90-1	842	867	833	847	2.05	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-02	Instrumnet Name :	P8
Client Sample ID :	DC14266-02-FL1-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:44:20	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	267	150	167	194	32.45	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-03 Instrumnet Name : P8
 Client Sample ID : DC14266-03-FL1-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:47:29 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	142	147	11.78	cps
Antimony	121-1	1642	1450	1650	1581	7.16	cps
Arsenic	75-2	74	69	69	70	4.56	cps
Barium	135-1	29635	28899	29634	29389	1.44	cps
Barium	137-1	50297	49879	49418	49865	0.88	cps
Beryllium	9-1	94	61	56	70	29.89	cps
Bismuth	209-1	3434411	3401402	3375719	3403844	0.86	cps
Bismuth	209-2	1597854	1596244	1586912	1593670	0.37	cps
Boron	11-1	7577	7777	7461	7605	2.11	cps
Boron	10-1	1775	1283	1400	1486	17.29	cps
Cadmium	106-1	1575	1533	1617	1575	2.65	cps
Cadmium	108-1	17	38	29	28	37.74	cps
Cadmium	111-1	1137	1068	1141	1115	3.66	cps
Calcium	43-1	142391	137811	142324	140842	1.86	cps
Calcium	44-1	2373526	2354201	2342547	2356758	0.66	cps
Chromium	52-2	1173	1387	1170	1243	9.98	cps
Cobalt	59-2	543	633	653	610	9.61	cps
Copper	63-2	800748	801171	792769	798229	0.59	cps
Dysprosium	156-1	25	8	33	22	57.29	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	92	50	17	53	71.20	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	100	83	125	103	20.40	cps
Gadolinium	160-2	23	23	20	22	8.65	cps
Holmium	165-1	6026532	5883740	5911129	5940467	1.28	cps
Holmium	165-2	2327799	2333038	2313354	2324730	0.44	cps
Indium	115-1	6126708	6058159	5940650	6041839	1.56	cps
Indium	115-2	522927	528288	526664	525960	0.52	cps
Iron	56-2	57709	58088	58538	58111	0.71	cps
Iron	57-2	1561	1600	1545	1569	1.82	cps
Lead	206-1	5218	4757	4857	4944	4.91	cps
Lead	207-1	4151	4034	4029	4071	1.70	cps
Lead	208-1	19351	18967	19112	19143	1.01	cps
Lithium	6-1	643470	631684	631895	635683	1.06	cps
Magnesium	24-2	77939	76321	77645	77302	1.11	cps
Manganese	55-2	7335	7579	7195	7370	2.63	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-03 Instrumnet Name : P8
 Client Sample ID : DC14266-03-FL1-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:47:29 DataFile Name : 036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	258	200	239	14.10	cps
Molybdenum	94-1	350	442	417	403	11.77	cps
Molybdenum	95-1	133	133	142	136	3.53	cps
Molybdenum	96-1	217	183	250	217	15.38	cps
Molybdenum	97-1	108	58	100	89	30.13	cps
Neodymium	150-1	113	40	20	58	85.06	cps
Neodymium	150-2	3	0	23	9	142.01	cps
Nickel	60-2	1770	1657	1670	1699	3.65	cps
Phosphorus	31-2	583	583	625	597	4.03	cps
Potassium	39-2	28764	29532	29022	29106	1.34	cps
Rhodium	103-1	6124540	5987323	5986981	6032948	1.31	cps
Rhodium	103-2	2595028	2607135	2569822	2590662	0.73	cps
Scandium	45-1	4579537	4550640	4529553	4553244	0.55	cps
Scandium	45-2	68137	67220	66939	67432	0.93	cps
Selenium	77-2	10	7	0	6	91.64	cps
Selenium	78-2	6	6	4	5	21.74	cps
Selenium	82-1	-48	-2	30	-7	-570.55	cps
Silicon	28-1	3672348	3644556	3574059	3630321	1.40	cps
Silver	109-1	192	267	208	222	17.72	cps
Silver	107-1	183	417	208	269	47.55	cps
Sodium	23-2	1488520	1438476	1450001	1458999	1.80	cps
Strontium	86-1	51548	48596	50218	50121	2.95	cps
Strontium	88-1	414437	410117	411552	412035	0.53	cps
Sulfur	34-1	380515	379963	381593	380690	0.22	cps
Terbium	159-1	6348976	6247577	6277032	6291195	0.83	cps
Terbium	159-2	2360362	2305928	2285278	2317189	1.67	cps
Thallium	203-1	142	83	100	108	27.73	cps
Thallium	205-1	292	200	183	225	25.93	cps
Tin	118-1	842	608	792	747	16.44	cps
Titanium	47-1	525	683	625	611	13.11	cps
Uranium	238-1	83	133	158	125	30.55	cps
Vanadium	51-2	70	63	87	73	16.39	cps
Yttrium	89-1	6842613	6634589	6731838	6736347	1.55	cps
Yttrium	89-2	411050	410999	408936	410328	0.29	cps
Zinc	66-2	31446	30885	30671	31000	1.29	cps
Zirconium	90-1	817	742	783	781	4.82	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-03	Instrumnet Name :	P8
Client Sample ID :	DC14266-03-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:47:29	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	108	167	139	21.07	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-04 Instrumnet Name : P8
 Client Sample ID : DC14266-04-FL1-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:50:37 DataFile Name : 037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	158	217	178	18.95	cps
Antimony	121-1	492	725	542	586	20.96	cps
Arsenic	75-2	56	67	41	54	23.95	cps
Barium	135-1	29826	28916	29166	29303	1.60	cps
Barium	137-1	49753	49201	48206	49053	1.60	cps
Beryllium	9-1	106	33	83	74	49.94	cps
Bismuth	209-1	3384642	3392699	3421349	3399563	0.57	cps
Bismuth	209-2	1572259	1586801	1570197	1576419	0.57	cps
Boron	11-1	6293	6527	6368	6396	1.86	cps
Boron	10-1	1567	1258	1375	1400	11.12	cps
Cadmium	106-1	1600	1659	1725	1661	3.77	cps
Cadmium	108-1	8	4	17	10	65.47	cps
Cadmium	111-1	1127	1183	1217	1176	3.87	cps
Calcium	43-1	139909	139480	138032	139140	0.71	cps
Calcium	44-1	2338578	2296927	2292959	2309488	1.09	cps
Chromium	52-2	1270	1153	1213	1212	4.81	cps
Cobalt	59-2	93	93	123	103	16.76	cps
Copper	63-2	518416	522686	520356	520486	0.41	cps
Dysprosium	156-1	33	0	8	14	124.91	cps
Dysprosium	156-2	37	7	13	19	83.40	cps
Erbium	164-1	33	67	17	39	65.47	cps
Erbium	164-2	10	17	7	11	45.82	cps
Gadolinium	160-1	67	83	142	97	40.50	cps
Gadolinium	160-2	47	20	30	32	41.81	cps
Holmium	165-1	5985918	5942296	5916841	5948352	0.59	cps
Holmium	165-2	2309448	2333088	2319709	2320748	0.51	cps
Indium	115-1	6070971	6008220	5925361	6001517	1.22	cps
Indium	115-2	520794	520836	517051	519561	0.42	cps
Iron	56-2	26750	26866	27705	27107	1.92	cps
Iron	57-2	722	717	644	694	6.25	cps
Lead	206-1	1117	1172	1145	1145	2.43	cps
Lead	207-1	1139	978	1000	1039	8.40	cps
Lead	208-1	4962	4562	4723	4749	4.24	cps
Lithium	6-1	634528	624623	631007	630053	0.80	cps
Magnesium	24-2	73499	73314	72033	72949	1.09	cps
Manganese	55-2	5458	5485	5268	5403	2.19	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-04	Instrumnet Name :	P8
Client Sample ID :	DC14266-04-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:50:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	367	208	258	278	29.14	cps
Molybdenum	94-1	350	292	425	356	18.80	cps
Molybdenum	95-1	208	117	158	161	28.49	cps
Molybdenum	96-1	283	258	200	247	17.30	cps
Molybdenum	97-1	108	58	117	94	33.40	cps
Neodymium	150-1	47	47	33	42	18.24	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	257	317	297	290	10.54	cps
Phosphorus	31-2	633	767	650	683	10.63	cps
Potassium	39-2	27519	28822	27152	27831	3.15	cps
Rhodium	103-1	6070051	5936854	6033670	6013525	1.14	cps
Rhodium	103-2	2588114	2617846	2588583	2598181	0.66	cps
Scandium	45-1	4531947	4529603	4533111	4531554	0.04	cps
Scandium	45-2	66084	66637	68208	66976	1.64	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	6	3	91.69	cps
Selenium	82-1	-123	110	-113	-42	-313.73	cps
Silicon	28-1	3475151	3532344	3560100	3522532	1.23	cps
Silver	109-1	217	258	167	214	21.46	cps
Silver	107-1	167	200	100	156	32.73	cps
Sodium	23-2	1442909	1461945	1467990	1457615	0.90	cps
Strontium	86-1	50679	51021	50787	50829	0.34	cps
Strontium	88-1	412193	411179	408146	410506	0.51	cps
Sulfur	34-1	377500	377271	376827	377199	0.09	cps
Terbium	159-1	6247301	6351667	6355857	6318275	0.97	cps
Terbium	159-2	2319556	2327434	2297962	2314984	0.66	cps
Thallium	203-1	100	92	117	103	12.39	cps
Thallium	205-1	183	233	183	200	14.44	cps
Tin	118-1	542	458	375	458	18.18	cps
Titanium	47-1	567	517	633	572	10.23	cps
Uranium	238-1	175	175	108	153	25.19	cps
Vanadium	51-2	70	57	90	72	23.23	cps
Yttrium	89-1	6768135	6725264	6787731	6760377	0.47	cps
Yttrium	89-2	408724	411753	407480	409319	0.54	cps
Zinc	66-2	1637	1680	1720	1679	2.48	cps
Zirconium	90-1	808	858	767	811	5.66	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-04	Instrumnet Name :	P8
Client Sample ID :	DC14266-04-FL1-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:50:37	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	133	158	142	10.19	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-05 Instrumnet Name : P8
 Client Sample ID : DC14266-05-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:53:45 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	25	56	48.22	cps
Antimony	121-1	133	150	133	139	6.93	cps
Arsenic	75-2	30	19	20	23	26.06	cps
Barium	135-1	2200	2650	2659	2503	10.48	cps
Barium	137-1	4534	4526	4401	4487	1.67	cps
Beryllium	9-1	72	56	50	59	19.51	cps
Bismuth	209-1	3514307	3538733	3484033	3512358	0.78	cps
Bismuth	209-2	1635584	1641405	1636794	1637927	0.19	cps
Boron	11-1	4851	4759	5085	4898	3.42	cps
Boron	10-1	1217	975	975	1056	13.22	cps
Cadmium	106-1	1684	1650	1592	1642	2.83	cps
Cadmium	108-1	13	17	13	14	17.33	cps
Cadmium	111-1	1186	1156	1126	1156	2.60	cps
Calcium	43-1	120934	113431	117783	117383	3.21	cps
Calcium	44-1	1914789	1937757	1931135	1927894	0.61	cps
Chromium	52-2	1423	1483	1330	1412	5.47	cps
Cobalt	59-2	93	90	100	94	5.39	cps
Copper	63-2	767	730	863	787	8.76	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	42	33	33	36	13.33	cps
Erbium	164-2	10	17	20	16	32.73	cps
Gadolinium	160-1	50	58	67	58	14.29	cps
Gadolinium	160-2	17	20	20	19	10.18	cps
Holmium	165-1	6139285	6098626	5996795	6078235	1.21	cps
Holmium	165-2	2383801	2376398	2402416	2387538	0.56	cps
Indium	115-1	6216178	6148983	6142295	6169152	0.66	cps
Indium	115-2	533769	533635	534519	533974	0.09	cps
Iron	56-2	6307	5868	5968	6048	3.81	cps
Iron	57-2	150	183	161	165	10.30	cps
Lead	206-1	461	383	456	433	10.01	cps
Lead	207-1	450	389	411	417	7.42	cps
Lead	208-1	2017	1845	2061	1974	5.80	cps
Lithium	6-1	647277	649605	642428	646437	0.57	cps
Magnesium	24-2	51503	51770	51921	51731	0.41	cps
Manganese	55-2	837	817	853	836	2.20	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-05 Instrumnet Name : P8
 Client Sample ID : DC14266-05-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:53:45 DataFile Name : 038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1742	1400	1550	1564	10.95	cps
Molybdenum	94-1	600	750	758	703	12.68	cps
Molybdenum	95-1	925	958	983	956	3.06	cps
Molybdenum	96-1	1133	1108	1108	1117	1.29	cps
Molybdenum	97-1	575	617	650	614	6.12	cps
Neodymium	150-1	27	47	13	29	58.08	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	210	193	220	208	6.48	cps
Phosphorus	31-2	8	25	8	14	69.31	cps
Potassium	39-2	27928	28162	29975	28688	3.90	cps
Rhodium	103-1	6146273	6175061	6110855	6144063	0.52	cps
Rhodium	103-2	2657568	2660728	2635960	2651419	0.51	cps
Scandium	45-1	4642455	4667351	4580283	4630030	0.97	cps
Scandium	45-2	67019	67314	67484	67272	0.35	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	0	6	9	5	94.35	cps
Selenium	82-1	-86	41	163	39	318.50	cps
Silicon	28-1	19553511	19396120	19196359	19381997	0.92	cps
Silver	109-1	125	150	150	142	10.19	cps
Silver	107-1	142	125	125	131	7.37	cps
Sodium	23-2	412665	409920	408903	410496	0.47	cps
Strontium	86-1	84411	83757	83103	83757	0.78	cps
Strontium	88-1	700809	699053	695547	698470	0.38	cps
Sulfur	34-1	345718	340267	341744	342576	0.82	cps
Terbium	159-1	6489512	6440880	6421879	6450757	0.54	cps
Terbium	159-2	2428158	2420756	2389702	2412872	0.85	cps
Thallium	203-1	100	125	125	117	12.37	cps
Thallium	205-1	117	175	267	186	40.63	cps
Tin	118-1	417	575	467	486	16.65	cps
Titanium	47-1	408	308	300	339	17.79	cps
Uranium	238-1	4143	4009	3559	3904	7.83	cps
Vanadium	51-2	123	140	163	142	14.13	cps
Yttrium	89-1	6928976	6925956	6826057	6893663	0.85	cps
Yttrium	89-2	415049	412804	416677	414843	0.47	cps
Zinc	66-2	203	197	157	186	13.60	cps
Zirconium	90-1	392	317	308	339	13.54	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-05	Instrumnet Name :	P8
Client Sample ID :	DC14266-05-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:53:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	83	75	92	24.05	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-06 Instrumnet Name : P8
 Client Sample ID : DC14266-06-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:56:54 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	67	67	61	15.75	cps
Antimony	121-1	108	117	100	108	7.69	cps
Arsenic	75-2	22	20	20	21	5.09	cps
Barium	135-1	2642	2742	2542	2642	3.79	cps
Barium	137-1	4076	4409	3984	4156	5.38	cps
Beryllium	9-1	56	61	33	50	29.40	cps
Bismuth	209-1	3488721	3429516	3393504	3437247	1.40	cps
Bismuth	209-2	1597456	1509876	1587693	1565008	3.07	cps
Boron	11-1	4768	4518	4518	4601	3.14	cps
Boron	10-1	950	950	992	964	2.50	cps
Cadmium	106-1	1625	1425	1484	1511	6.81	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Cadmium	111-1	1158	1017	1055	1077	6.79	cps
Calcium	43-1	113144	112507	113682	113111	0.52	cps
Calcium	44-1	1868678	1846842	1901945	1872488	1.48	cps
Chromium	52-2	1510	1317	1540	1456	8.33	cps
Cobalt	59-2	80	60	80	73	15.75	cps
Copper	63-2	950	990	1007	982	2.96	cps
Dysprosium	156-1	33	50	17	33	49.99	cps
Dysprosium	156-2	7	7	0	4	86.60	cps
Erbium	164-1	8	42	33	28	62.46	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	42	67	150	86	65.87	cps
Gadolinium	160-2	20	7	47	24	83.31	cps
Holmium	165-1	6035017	6005202	5826670	5955630	1.89	cps
Holmium	165-2	2326425	2211901	2282108	2273478	2.54	cps
Indium	115-1	6035172	6043745	6001981	6026966	0.37	cps
Indium	115-2	525562	498019	519679	514420	2.82	cps
Iron	56-2	5529	5701	5551	5594	1.68	cps
Iron	57-2	194	144	106	148	30.08	cps
Lead	206-1	411	456	472	446	7.08	cps
Lead	207-1	439	350	361	383	12.64	cps
Lead	208-1	1839	1611	1695	1715	6.72	cps
Lithium	6-1	629892	620497	617550	622647	1.04	cps
Magnesium	24-2	49997	50106	48467	49523	1.85	cps
Manganese	55-2	783	783	777	781	0.49	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-06 Instrumnet Name : P8
 Client Sample ID : DC14266-06-FL1-H-W4-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 16:56:54 DataFile Name : 039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1734	1567	1717	1672	5.49	cps
Molybdenum	94-1	783	750	717	750	4.44	cps
Molybdenum	95-1	1025	1050	1025	1033	1.40	cps
Molybdenum	96-1	1225	950	1192	1122	13.37	cps
Molybdenum	97-1	600	833	558	664	22.33	cps
Neodymium	150-1	67	33	53	51	32.83	cps
Neodymium	150-2	10	17	10	12	31.50	cps
Nickel	60-2	177	133	170	160	14.58	cps
Phosphorus	31-2	33	8	8	17	86.62	cps
Potassium	39-2	27336	27544	28021	27634	1.27	cps
Rhodium	103-1	6014547	6014443	5933632	5987541	0.78	cps
Rhodium	103-2	2592838	2438934	2605279	2545684	3.64	cps
Scandium	45-1	4591692	4452990	4549091	4531258	1.57	cps
Scandium	45-2	66496	63544	66195	65412	2.48	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	6	4	7	6	33.38	cps
Selenium	82-1	92	140	-130	34	423.56	cps
Silicon	28-1	18584510	18961340	18346758	18630869	1.66	cps
Silver	109-1	100	125	100	108	13.33	cps
Silver	107-1	192	175	125	164	21.17	cps
Sodium	23-2	394463	396852	391751	394356	0.65	cps
Strontium	86-1	79566	81770	80395	80577	1.38	cps
Strontium	88-1	666669	671058	664587	667438	0.49	cps
Sulfur	34-1	331679	326492	328805	328992	0.79	cps
Terbium	159-1	6389348	6354434	6248801	6330861	1.16	cps
Terbium	159-2	2317463	2225756	2363231	2302150	3.04	cps
Thallium	203-1	83	67	108	86	24.35	cps
Thallium	205-1	158	133	167	153	11.36	cps
Tin	118-1	450	633	525	536	17.19	cps
Titanium	47-1	333	375	300	336	11.18	cps
Uranium	238-1	3993	3976	3476	3815	7.70	cps
Vanadium	51-2	147	127	90	121	23.73	cps
Yttrium	89-1	6683510	6683927	6708058	6691832	0.21	cps
Yttrium	89-2	411275	385971	404726	400657	3.28	cps
Zinc	66-2	167	163	147	159	6.74	cps
Zirconium	90-1	458	342	258	353	28.48	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-06	Instrumnet Name :	P8
Client Sample ID :	DC14266-06-FL1-H-W4-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 16:56:54	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	67	58	69	18.33	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-07 Instrumnet Name : P8
 Client Sample ID : DC14266-08-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:00:02 DataFile Name : 040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	117	100	103	12.38	cps
Antimony	121-1	4176	4443	4551	4390	4.40	cps
Arsenic	75-2	85	59	59	68	22.05	cps
Barium	135-1	34922	33886	35240	34683	2.04	cps
Barium	137-1	60079	59032	58146	59086	1.64	cps
Beryllium	9-1	78	94	83	85	9.96	cps
Bismuth	209-1	3403929	3429296	3429442	3420889	0.43	cps
Bismuth	209-2	1579445	1582699	1575533	1579226	0.23	cps
Boron	11-1	5593	5701	5468	5587	2.09	cps
Boron	10-1	1000	1200	1075	1092	9.26	cps
Cadmium	106-1	1717	1675	1709	1700	1.30	cps
Cadmium	108-1	63	79	75	72	12.01	cps
Cadmium	111-1	1233	1184	1189	1202	2.24	cps
Calcium	43-1	146786	147207	146306	146766	0.31	cps
Calcium	44-1	2407366	2410935	2418214	2412172	0.23	cps
Chromium	52-2	1220	1213	1107	1180	5.39	cps
Cobalt	59-2	183	213	217	204	8.98	cps
Copper	63-2	984897	984331	990957	986729	0.37	cps
Dysprosium	156-1	17	33	50	33	49.99	cps
Dysprosium	156-2	10	0	3	4	114.60	cps
Erbium	164-1	25	17	33	25	33.32	cps
Erbium	164-2	3	20	17	13	66.16	cps
Gadolinium	160-1	67	100	92	86	20.15	cps
Gadolinium	160-2	30	27	7	21	59.77	cps
Holmium	165-1	5935209	5948635	5891308	5925051	0.51	cps
Holmium	165-2	2284563	2297815	2290051	2290810	0.29	cps
Indium	115-1	5942983	6028268	6085624	6018958	1.19	cps
Indium	115-2	525507	523706	519860	523024	0.55	cps
Iron	56-2	19882	21248	19692	20274	4.19	cps
Iron	57-2	494	489	533	506	4.79	cps
Lead	206-1	8514	7992	8264	8257	3.17	cps
Lead	207-1	6930	7113	7041	7028	1.31	cps
Lead	208-1	32512	31855	31933	32100	1.12	cps
Lithium	6-1	621579	620417	618500	620165	0.25	cps
Magnesium	24-2	76515	76505	74579	75867	1.47	cps
Manganese	55-2	6708	6235	6452	6465	3.67	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-07	Instrumnet Name :	P8
Client Sample ID :	DC14266-08-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:00:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	325	233	158	239	34.94	cps
Molybdenum	94-1	300	358	267	308	15.05	cps
Molybdenum	95-1	150	167	117	144	17.63	cps
Molybdenum	96-1	275	158	258	231	27.37	cps
Molybdenum	97-1	83	83	92	86	5.58	cps
Neodymium	150-1	13	33	0	16	107.86	cps
Neodymium	150-2	7	0	3	3	100.05	cps
Nickel	60-2	2984	2960	2947	2964	0.63	cps
Phosphorus	31-2	417	367	500	428	15.74	cps
Potassium	39-2	32655	33357	33048	33020	1.07	cps
Rhodium	103-1	6042775	6025165	6050918	6039619	0.22	cps
Rhodium	103-2	2581367	2584777	2539402	2568515	0.98	cps
Scandium	45-1	4557580	4563214	4561690	4560828	0.06	cps
Scandium	45-2	66821	67746	67196	67255	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	6	6	17.29	cps
Selenium	82-1	-123	-116	-126	-121	-4.24	cps
Silicon	28-1	3596096	3630723	3624969	3617263	0.51	cps
Silver	109-1	308	250	392	317	22.49	cps
Silver	107-1	425	258	442	375	27.04	cps
Sodium	23-2	1458096	1488286	1428133	1458172	2.06	cps
Strontium	86-1	52795	53523	51942	52753	1.50	cps
Strontium	88-1	431241	432331	430157	431243	0.25	cps
Sulfur	34-1	345167	352203	351854	349741	1.13	cps
Terbium	159-1	6406099	6348005	6311063	6355056	0.75	cps
Terbium	159-2	2350778	2356251	2310798	2339276	1.06	cps
Thallium	203-1	125	83	117	108	20.35	cps
Thallium	205-1	267	275	300	281	6.18	cps
Tin	118-1	458	617	533	536	14.77	cps
Titanium	47-1	675	542	458	558	19.59	cps
Uranium	238-1	133	200	175	169	19.88	cps
Vanadium	51-2	57	30	33	40	36.33	cps
Yttrium	89-1	6743684	6679422	6738723	6720610	0.53	cps
Yttrium	89-2	408869	409611	406369	408283	0.42	cps
Zinc	66-2	463428	462718	463063	463070	0.08	cps
Zirconium	90-1	633	575	700	636	9.83	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-07	Instrumnet Name :	P8
Client Sample ID :	DC14266-08-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:00:02	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	133	125	128	3.76	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-08	Instrumnet Name :	P8
Client Sample ID :	DC14266-09-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:03:10	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	125	158	161	23.32	cps
Antimony	121-1	483	592	625	567	13.07	cps
Arsenic	75-2	50	57	56	54	7.10	cps
Barium	135-1	29091	29225	28248	28855	1.84	cps
Barium	137-1	49644	49217	47688	48850	2.11	cps
Beryllium	9-1	67	67	56	63	10.19	cps
Bismuth	209-1	3379588	3362889	3384605	3375694	0.34	cps
Bismuth	209-2	1517964	1592233	1576509	1562235	2.51	cps
Boron	11-1	5560	5276	5385	5407	2.64	cps
Boron	10-1	1150	1083	958	1064	9.15	cps
Cadmium	106-1	1767	1650	1675	1697	3.62	cps
Cadmium	108-1	17	13	21	17	24.99	cps
Cadmium	111-1	1246	1155	1171	1190	4.10	cps
Calcium	43-1	139766	139478	138663	139302	0.41	cps
Calcium	44-1	2288866	2290621	2321741	2300409	0.80	cps
Chromium	52-2	1247	1327	1180	1251	5.87	cps
Cobalt	59-2	93	123	130	116	16.90	cps
Copper	63-2	567834	564207	564904	565648	0.34	cps
Dysprosium	156-1	50	58	50	53	9.12	cps
Dysprosium	156-2	13	10	13	12	15.73	cps
Erbium	164-1	50	17	50	39	49.48	cps
Erbium	164-2	13	20	17	17	20.01	cps
Gadolinium	160-1	75	108	83	89	19.52	cps
Gadolinium	160-2	30	37	30	32	11.95	cps
Holmium	165-1	5820935	5848995	5840801	5836910	0.25	cps
Holmium	165-2	2198144	2323213	2302796	2274718	2.95	cps
Indium	115-1	5912875	5867223	5884913	5888337	0.39	cps
Indium	115-2	502086	519276	516662	512675	1.81	cps
Iron	56-2	27952	32180	27272	29135	9.13	cps
Iron	57-2	750	694	817	754	8.12	cps
Lead	206-1	1545	1500	1478	1508	2.25	cps
Lead	207-1	1233	1289	1345	1289	4.31	cps
Lead	208-1	5806	5923	5790	5840	1.24	cps
Lithium	6-1	608293	605138	610650	608027	0.45	cps
Magnesium	24-2	73700	72545	72309	72851	1.02	cps
Manganese	55-2	6048	6175	5981	6068	1.62	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-08 Instrumnet Name : P8
 Client Sample ID : DC14266-09-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:03:10 DataFile Name : 041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	258	200	239	14.10	cps
Molybdenum	94-1	333	367	342	347	5.00	cps
Molybdenum	95-1	158	142	150	150	5.56	cps
Molybdenum	96-1	275	233	217	242	12.43	cps
Molybdenum	97-1	133	100	83	106	24.12	cps
Neodymium	150-1	40	0	53	31	89.22	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	320	317	403	347	14.16	cps
Phosphorus	31-2	650	708	775	711	8.80	cps
Potassium	39-2	27478	28647	27945	28023	2.10	cps
Rhodium	103-1	6004126	5931208	5979005	5971446	0.62	cps
Rhodium	103-2	2511464	2574880	2581898	2556081	1.52	cps
Scandium	45-1	4494394	4477987	4511312	4494564	0.37	cps
Scandium	45-2	63949	66942	66892	65927	2.60	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	7	9	2	6	62.47	cps
Selenium	82-1	-46	-59	-147	-84	-65.59	cps
Silicon	28-1	3415904	3392305	3309387	3372532	1.66	cps
Silver	109-1	117	192	217	175	29.74	cps
Silver	107-1	192	175	192	186	5.17	cps
Sodium	23-2	1447738	1445606	1431511	1441618	0.61	cps
Strontium	86-1	50838	50177	50168	50394	0.76	cps
Strontium	88-1	408391	402098	402122	404204	0.90	cps
Sulfur	34-1	352252	355550	352748	353517	0.50	cps
Terbium	159-1	6227407	6293342	6225158	6248636	0.62	cps
Terbium	159-2	2247910	2303769	2302305	2284661	1.39	cps
Thallium	203-1	100	125	83	103	20.41	cps
Thallium	205-1	175	242	142	186	27.36	cps
Tin	118-1	458	500	492	483	4.56	cps
Titanium	47-1	533	558	517	536	3.91	cps
Uranium	238-1	150	183	208	181	16.21	cps
Vanadium	51-2	70	103	90	88	19.12	cps
Yttrium	89-1	6695988	6619694	6712757	6676146	0.74	cps
Yttrium	89-2	392605	406829	403161	400865	1.84	cps
Zinc	66-2	3754	3757	3744	3752	0.19	cps
Zirconium	90-1	742	625	717	695	8.85	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-08	Instrumnet Name :	P8
Client Sample ID :	DC14266-09-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:03:10	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	117	133	175	142	21.21	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	560243	551402	559004	556883	0.86	cps
Antimony	121-1	3881405	3991381	3991157	3954648	1.60	cps
Arsenic	75-2	97712	98216	98645	98191	0.48	cps
Barium	135-1	3872114	3946620	3918569	3912434	0.96	cps
Barium	137-1	6615416	6710894	6676459	6667590	0.73	cps
Beryllium	9-1	537391	535611	545592	539532	0.99	cps
Bismuth	209-1	3037506	3111079	3074579	3074388	1.20	cps
Bismuth	209-2	1464591	1458250	1487812	1470218	1.06	cps
Boron	11-1	322565	335759	335155	331160	2.25	cps
Boron	10-1	67224	68824	71060	69036	2.79	cps
Cadmium	106-1	88624	91946	92039	90870	2.14	cps
Cadmium	108-1	60908	61511	61201	61206	0.49	cps
Cadmium	111-1	858557	870791	867519	865623	0.73	cps
Calcium	43-1	5616077	5608493	5558152	5594241	0.56	cps
Calcium	44-1	89195637	90540327	90324317	90020094	0.80	cps
Chromium	52-2	811517	807004	807402	808641	0.31	cps
Cobalt	59-2	1564027	1550376	1554636	1556346	0.45	cps
Copper	63-2	2627475	2626822	2604276	2619525	0.50	cps
Dysprosium	156-1	100	125	83	103	20.40	cps
Dysprosium	156-2	63	7	27	32	89.18	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	125	133	100	119	14.53	cps
Gadolinium	160-2	37	43	57	46	22.36	cps
Holmium	165-1	5563479	5650911	5611649	5608680	0.78	cps
Holmium	165-2	2245063	2227849	2264220	2245711	0.81	cps
Indium	115-1	5460461	5503793	5391368	5451874	1.04	cps
Indium	115-2	475562	478744	485169	479825	1.02	cps
Iron	56-2	135098884	133909306	135202550	134736913	0.53	cps
Iron	57-2	3397188	3407289	3422908	3409128	0.38	cps
Lead	206-1	1732810	1752866	1765692	1750456	0.95	cps
Lead	207-1	1526545	1552740	1541880	1540388	0.85	cps
Lead	208-1	7021162	7138230	7131432	7096941	0.93	cps
Lithium	6-1	602430	604275	603870	603525	0.16	cps
Magnesium	24-2	13416644	13339687	13507104	13421145	0.62	cps
Manganese	55-2	479905	481474	481864	481081	0.22	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2970375	3010902	2954393	2978557	0.98	cps
Molybdenum	94-1	3338599	3406813	3507111	3417508	2.48	cps
Molybdenum	95-1	1897741	1904536	1884846	1895708	0.53	cps
Molybdenum	96-1	2348254	2411065	2436813	2398711	1.90	cps
Molybdenum	97-1	1125271	1135685	1135490	1132149	0.53	cps
Neodymium	150-1	207	180	113	167	28.84	cps
Neodymium	150-2	20	33	10	21	55.45	cps
Nickel	60-2	444500	444948	443697	444382	0.14	cps
Phosphorus	31-2	9737	9045	9387	9390	3.69	cps
Potassium	39-2	4796188	4786118	4779234	4787180	0.18	cps
Rhodium	103-1	5316416	5385128	5274783	5325442	1.05	cps
Rhodium	103-2	2319965	2335430	2313906	2323100	0.48	cps
Scandium	45-1	4249839	4262747	4240329	4250971	0.26	cps
Scandium	45-2	63664	62666	63215	63181	0.79	cps
Selenium	77-2	787	803	767	786	2.34	cps
Selenium	78-2	2734	2574	2710	2673	3.21	cps
Selenium	82-1	58711	59423	59754	59296	0.90	cps
Silicon	28-1	2390340	2415669	2418720	2408243	0.65	cps
Silver	109-1	4215240	4191700	4195426	4200789	0.30	cps
Silver	107-1	4417795	4453683	4517758	4463079	1.13	cps
Sodium	23-2	33149409	33014875	32995239	33053174	0.25	cps
Strontium	86-1	1198584	1210465	1220237	1209762	0.90	cps
Strontium	88-1	10259966	10464703	10630125	10451598	1.77	cps
Sulfur	34-1	684908	691146	684636	686896	0.54	cps
Terbium	159-1	5916098	6044029	5944946	5968358	1.12	cps
Terbium	159-2	2236103	2243825	2252966	2244298	0.38	cps
Thallium	203-1	2198839	2205065	2232366	2212090	0.81	cps
Thallium	205-1	5121929	5242565	5185601	5183365	1.16	cps
Tin	118-1	2704346	2769658	2755549	2743184	1.25	cps
Titanium	47-1	570377	571469	574820	572222	0.40	cps
Uranium	238-1	6166901	6299480	6303447	6256609	1.24	cps
Vanadium	51-2	580137	577934	579134	579068	0.19	cps
Yttrium	89-1	6212435	6360604	6216164	6263068	1.35	cps
Yttrium	89-2	382775	386217	390673	386555	1.02	cps
Zinc	66-2	263667	264797	265039	264501	0.28	cps
Zirconium	90-1	6453356	6532576	6556772	6514235	0.83	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV18	Instrumnet Name :	P8
Client Sample ID :	CCV18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:06:19	DataFile Name :	042CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1440590	1491854	1469499	1467314	1.75	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB18 Instrumnet Name : P8
 Client Sample ID : CCB18 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:09:19 DataFile Name : 043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	500	458	425	461	8.15	cps
Arsenic	75-2	2	13	13	9	69.29	cps
Barium	135-1	42	17	25	28	45.82	cps
Barium	137-1	25	25	17	22	21.64	cps
Beryllium	9-1	111	94	56	87	32.75	cps
Bismuth	209-1	3518506	3526417	3533472	3526132	0.21	cps
Bismuth	209-2	1645695	1624226	1546046	1605322	3.27	cps
Boron	11-1	8378	7811	7677	7955	4.67	cps
Boron	10-1	1792	1850	1517	1720	10.35	cps
Cadmium	106-1	1759	1659	1742	1720	3.12	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Cadmium	111-1	1233	1168	1218	1206	2.85	cps
Calcium	43-1	7027	6594	6460	6694	4.43	cps
Calcium	44-1	77573	78880	77179	77877	1.14	cps
Chromium	52-2	983	1063	1023	1023	3.91	cps
Cobalt	59-2	73	60	60	64	11.94	cps
Copper	63-2	447	503	450	467	6.81	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	25	42	42	36	26.65	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	50	33	33	39	24.75	cps
Gadolinium	160-2	27	0	13	13	100.01	cps
Holmium	165-1	6088867	6001054	5883002	5990974	1.72	cps
Holmium	165-2	2382494	2333312	2178185	2297997	4.64	cps
Indium	115-1	6034150	6029118	5967785	6010351	0.61	cps
Indium	115-2	526674	523415	496881	515657	3.17	cps
Iron	56-2	4306	4618	4640	4521	4.12	cps
Iron	57-2	83	144	167	131	32.82	cps
Lead	206-1	761	733	661	719	7.18	cps
Lead	207-1	795	594	717	702	14.37	cps
Lead	208-1	3295	2900	2850	3015	8.08	cps
Lithium	6-1	679801	682755	666397	676317	1.29	cps
Magnesium	24-2	108	108	117	111	4.33	cps
Manganese	55-2	93	107	103	101	6.86	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:09:19	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42	33	67	47	36.74	cps
Molybdenum	94-1	183	242	225	217	13.87	cps
Molybdenum	95-1	25	17	17	19	24.73	cps
Molybdenum	96-1	125	83	92	100	22.05	cps
Molybdenum	97-1	25	50	8	28	75.51	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	70	67	33	57	35.79	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	6343	6519	6819	6560	3.66	cps
Rhodium	103-1	6048649	6051104	6006322	6035358	0.42	cps
Rhodium	103-2	2627117	2613247	2461438	2567267	3.58	cps
Scandium	45-1	4441304	4416609	4479259	4445724	0.71	cps
Scandium	45-2	66068	66232	63160	65153	2.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	2	4	4	65.54	cps
Selenium	82-1	-41	150	48	53	181.40	cps
Silicon	28-1	394276	387187	381137	387533	1.70	cps
Silver	109-1	300	208	158	222	32.33	cps
Silver	107-1	225	142	258	208	28.85	cps
Sodium	23-2	15259	15542	15726	15509	1.52	cps
Strontium	86-1	3092	2650	2442	2728	12.17	cps
Strontium	88-1	150	100	125	125	20.00	cps
Sulfur	34-1	342257	342425	343465	342716	0.19	cps
Terbium	159-1	6450077	6425397	6408470	6427981	0.33	cps
Terbium	159-2	2380438	2368363	2206245	2318349	4.20	cps
Thallium	203-1	275	225	233	244	10.96	cps
Thallium	205-1	375	350	333	353	5.94	cps
Tin	118-1	1475	1459	1459	1464	0.66	cps
Titanium	47-1	150	175	175	167	8.66	cps
Uranium	238-1	50	25	50	42	34.64	cps
Vanadium	51-2	7	20	13	13	49.99	cps
Yttrium	89-1	6735858	6708941	6590369	6678389	1.16	cps
Yttrium	89-2	403011	404739	384894	397548	2.76	cps
Zinc	66-2	170	177	147	164	9.58	cps
Zirconium	90-1	775	692	592	686	13.38	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB18	Instrumnet Name :	P8
Client Sample ID :	CCB18	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:09:19	DataFile Name :	043CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	83	133	131	35.15	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-09 Instrumnet Name : P8
 Client Sample ID : DC14266-10-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:12:28 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	183	167	153	25.78	cps
Antimony	121-1	14116	14417	13657	14064	2.72	cps
Arsenic	75-2	69	65	67	67	2.77	cps
Barium	135-1	32992	34154	33944	33697	1.84	cps
Barium	137-1	59695	57468	58070	58411	1.97	cps
Beryllium	9-1	67	78	83	76	11.18	cps
Bismuth	209-1	3625673	3593715	3564466	3594618	0.85	cps
Bismuth	209-2	1668995	1680690	1647137	1665607	1.02	cps
Boron	11-1	7219	6894	7519	7210	4.34	cps
Boron	10-1	1600	1617	1642	1620	1.29	cps
Cadmium	106-1	1867	1734	2017	1872	7.57	cps
Cadmium	108-1	63	71	92	75	20.03	cps
Cadmium	111-1	1317	1231	1398	1315	6.36	cps
Calcium	43-1	149091	147257	146070	147473	1.03	cps
Calcium	44-1	2428071	2431607	2413256	2424311	0.40	cps
Chromium	52-2	1130	1073	1193	1132	5.30	cps
Cobalt	59-2	193	130	147	157	20.96	cps
Copper	63-2	934532	932459	928745	931912	0.31	cps
Dysprosium	156-1	25	42	17	28	45.82	cps
Dysprosium	156-2	3	20	3	9	108.30	cps
Erbium	164-1	42	42	33	39	12.38	cps
Erbium	164-2	23	17	10	17	39.99	cps
Gadolinium	160-1	58	125	67	83	43.59	cps
Gadolinium	160-2	37	27	30	31	16.37	cps
Holmium	165-1	6221742	6189748	6059018	6156836	1.40	cps
Holmium	165-2	2441414	2428073	2399453	2422980	0.88	cps
Indium	115-1	6157646	6200539	6116767	6158317	0.68	cps
Indium	115-2	539312	532393	528152	533286	1.06	cps
Iron	56-2	25464	24267	23932	24554	3.28	cps
Iron	57-2	606	633	639	626	2.85	cps
Lead	206-1	8036	7741	8414	8064	4.18	cps
Lead	207-1	7202	6791	6774	6922	3.50	cps
Lead	208-1	32206	31605	31750	31854	0.98	cps
Lithium	6-1	680048	673799	665321	673056	1.10	cps
Magnesium	24-2	76138	75476	76766	76127	0.85	cps
Manganese	55-2	6055	6322	6305	6227	2.40	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-09 Instrumnet Name : P8
 Client Sample ID : DC14266-10-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:12:28 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	283	300	317	300	5.55	cps
Molybdenum	94-1	517	550	467	511	8.21	cps
Molybdenum	95-1	133	192	125	150	24.22	cps
Molybdenum	96-1	392	200	308	300	32.04	cps
Molybdenum	97-1	117	183	125	142	25.64	cps
Neodymium	150-1	27	13	13	18	43.33	cps
Neodymium	150-2	7	3	17	9	78.08	cps
Nickel	60-2	3024	3114	3064	3067	1.47	cps
Phosphorus	31-2	558	583	567	569	2.24	cps
Potassium	39-2	29950	29674	29123	29582	1.42	cps
Rhodium	103-1	6185907	6154105	6170462	6170158	0.26	cps
Rhodium	103-2	2703620	2620036	2609179	2644278	1.95	cps
Scandium	45-1	4597134	4570815	4618087	4595345	0.52	cps
Scandium	45-2	68362	67303	66891	67519	1.12	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	9	2	0	4	132.32	cps
Selenium	82-1	104	-7	239	112	109.74	cps
Silicon	28-1	3640147	3635144	3632147	3635813	0.11	cps
Silver	109-1	142	275	233	217	31.48	cps
Silver	107-1	183	325	292	267	27.78	cps
Sodium	23-2	1514521	1507084	1501864	1507823	0.42	cps
Strontium	86-1	53263	53096	52736	53032	0.51	cps
Strontium	88-1	439247	429653	433117	434006	1.12	cps
Sulfur	34-1	391693	387567	384349	387870	0.95	cps
Terbium	159-1	6624567	6541705	6478043	6548105	1.12	cps
Terbium	159-2	2430068	2408995	2374309	2404458	1.17	cps
Thallium	203-1	125	133	200	153	26.91	cps
Thallium	205-1	292	333	408	344	17.16	cps
Tin	118-1	1626	1367	1342	1445	10.87	cps
Titanium	47-1	450	3318	542	1437	113.46	cps
Uranium	238-1	217	142	150	169	24.26	cps
Vanadium	51-2	47	70	47	54	24.74	cps
Yttrium	89-1	6829805	6811463	6788760	6810009	0.30	cps
Yttrium	89-2	417731	415174	412506	415137	0.63	cps
Zinc	66-2	351378	353092	351420	351963	0.28	cps
Zirconium	90-1	1317	1192	1258	1256	4.98	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-09	Instrumnet Name :	P8
Client Sample ID :	DC14266-10-FL2-BRC-V	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:12:28	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	333	167	217	239	35.80	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-10 Instrumnet Name : P8
 Client Sample ID : DC14266-11-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:15:36 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	183	167	167	10.00	cps
Antimony	121-1	750	767	625	714	10.85	cps
Arsenic	75-2	48	87	46	60	38.03	cps
Barium	135-1	29067	29283	28832	29061	0.78	cps
Barium	137-1	50347	50372	50054	50258	0.35	cps
Beryllium	9-1	50	83	83	72	26.65	cps
Bismuth	209-1	3474341	3464074	3497644	3478686	0.49	cps
Bismuth	209-2	1560249	1611038	1600095	1590461	1.68	cps
Boron	11-1	6485	6185	6435	6368	2.52	cps
Boron	10-1	1233	1292	1292	1272	2.65	cps
Cadmium	106-1	1800	1650	1559	1670	7.31	cps
Cadmium	108-1	8	21	25	18	48.05	cps
Cadmium	111-1	1263	1166	1094	1174	7.20	cps
Calcium	43-1	141675	139345	138907	139976	1.06	cps
Calcium	44-1	2305977	2283034	2302234	2297082	0.54	cps
Chromium	52-2	1203	1163	1240	1202	3.19	cps
Cobalt	59-2	107	140	80	109	27.61	cps
Copper	63-2	526819	527856	523517	526064	0.43	cps
Dysprosium	156-1	42	25	17	28	45.82	cps
Dysprosium	156-2	17	10	10	12	31.50	cps
Erbium	164-1	42	8	83	44	84.56	cps
Erbium	164-2	10	27	13	17	52.93	cps
Gadolinium	160-1	117	150	92	119	24.50	cps
Gadolinium	160-2	23	20	37	27	33.08	cps
Holmium	165-1	6026453	6017700	5963090	6002414	0.57	cps
Holmium	165-2	2220235	2326740	2318054	2288343	2.58	cps
Indium	115-1	6074673	5998292	6036247	6036404	0.63	cps
Indium	115-2	503646	523050	528658	518451	2.53	cps
Iron	56-2	27218	26483	26202	26634	1.97	cps
Iron	57-2	733	733	778	748	3.43	cps
Lead	206-1	1272	1328	1283	1295	2.27	cps
Lead	207-1	961	1089	1195	1082	10.80	cps
Lead	208-1	5045	5345	5145	5178	2.95	cps
Lithium	6-1	658860	647740	641581	649394	1.35	cps
Magnesium	24-2	74077	72067	71414	72519	1.91	cps
Manganese	55-2	5555	5434	5798	5596	3.31	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-10 Instrumnet Name : P8
 Client Sample ID : DC14266-11-FL2-BRC-V Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:15:36 DataFile Name : 045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	208	208	258	225	12.83	cps
Molybdenum	94-1	458	508	567	511	10.61	cps
Molybdenum	95-1	125	208	125	153	31.49	cps
Molybdenum	96-1	342	250	258	283	17.89	cps
Molybdenum	97-1	83	108	183	125	41.63	cps
Neodymium	150-1	40	53	40	44	17.33	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	433	333	383	383	13.04	cps
Phosphorus	31-2	650	617	683	650	5.13	cps
Potassium	39-2	28530	28655	29599	28928	2.02	cps
Rhodium	103-1	6062033	5902658	6028656	5997782	1.40	cps
Rhodium	103-2	2481190	2589803	2588990	2553328	2.45	cps
Scandium	45-1	4593500	4508642	4488986	4530376	1.23	cps
Scandium	45-2	65784	66607	66349	66247	0.64	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	6	2	11	6	75.49	cps
Selenium	82-1	-59	-81	-11	-50	-71.49	cps
Silicon	28-1	3499459	3489405	3502324	3497063	0.19	cps
Silver	109-1	150	158	117	142	15.56	cps
Silver	107-1	292	233	183	236	22.96	cps
Sodium	23-2	1479173	1456110	1462779	1466021	0.81	cps
Strontium	86-1	52042	50177	50587	50935	1.92	cps
Strontium	88-1	409640	409565	409259	409488	0.05	cps
Sulfur	34-1	384018	382604	384654	383759	0.27	cps
Terbium	159-1	6469276	6474988	6423313	6455859	0.44	cps
Terbium	159-2	2253566	2331211	2338119	2307632	2.03	cps
Thallium	203-1	100	125	142	122	17.16	cps
Thallium	205-1	175	200	275	217	24.02	cps
Tin	118-1	417	567	417	467	18.56	cps
Titanium	47-1	575	600	550	575	4.35	cps
Uranium	238-1	242	183	142	189	26.59	cps
Vanadium	51-2	57	67	50	58	14.52	cps
Yttrium	89-1	6718661	6626860	6763261	6702927	1.04	cps
Yttrium	89-2	388884	408051	409184	402040	2.84	cps
Zinc	66-2	3430	3524	3484	3479	1.35	cps
Zirconium	90-1	1100	1008	883	997	10.91	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-10	Instrumnet Name :	P8
Client Sample ID :	DC14266-11-FL2-BRC-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:15:36	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	258	225	183	222	16.91	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-11 Instrumnet Name : P8
 Client Sample ID : DC14266-12-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:18:44 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	183	308	194	55.93	cps
Antimony	121-1	1375	1617	1467	1486	8.21	cps
Arsenic	75-2	65	52	35	51	29.34	cps
Barium	135-1	27972	27822	27997	27930	0.34	cps
Barium	137-1	49645	48239	48917	48933	1.44	cps
Beryllium	9-1	78	61	83	74	15.62	cps
Bismuth	209-1	3426757	3382225	3493933	3434305	1.64	cps
Bismuth	209-2	1578107	1596029	1593383	1589173	0.61	cps
Boron	11-1	7044	7361	7469	7291	3.03	cps
Boron	10-1	1417	1383	1492	1431	3.88	cps
Cadmium	106-1	1642	1750	1508	1634	7.41	cps
Cadmium	108-1	25	21	29	25	16.68	cps
Cadmium	111-1	1157	1248	1069	1158	7.74	cps
Calcium	43-1	144815	140970	140666	142150	1.63	cps
Calcium	44-1	2373226	2350973	2341116	2355105	0.70	cps
Chromium	52-2	1183	1193	1373	1250	8.56	cps
Cobalt	59-2	753	803	780	779	3.21	cps
Copper	63-2	789564	786476	791351	789130	0.31	cps
Dysprosium	156-1	33	42	83	53	50.76	cps
Dysprosium	156-2	17	27	13	19	36.75	cps
Erbium	164-1	42	42	50	44	10.82	cps
Erbium	164-2	0	23	27	17	87.18	cps
Gadolinium	160-1	83	100	117	100	16.66	cps
Gadolinium	160-2	30	43	37	37	18.18	cps
Holmium	165-1	5899525	5880252	5972827	5917535	0.83	cps
Holmium	165-2	2329512	2303371	2313336	2315406	0.57	cps
Indium	115-1	6072287	6067703	6057247	6065746	0.13	cps
Indium	115-2	526258	528896	522950	526035	0.57	cps
Iron	56-2	76359	72651	72505	73838	2.96	cps
Iron	57-2	1772	1922	1795	1830	4.42	cps
Lead	206-1	7480	7647	7608	7578	1.15	cps
Lead	207-1	6346	6607	6502	6485	2.03	cps
Lead	208-1	28936	29503	28763	29067	1.33	cps
Lithium	6-1	646449	633005	634004	637819	1.17	cps
Magnesium	24-2	77319	77469	78290	77693	0.67	cps
Manganese	55-2	7906	7969	8399	8091	3.32	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-11 Instrumnet Name : P8
 Client Sample ID : DC14266-12-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:18:44 DataFile Name : 046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	308	308	200	272	22.98	cps
Molybdenum	94-1	292	392	467	383	22.90	cps
Molybdenum	95-1	208	108	217	178	33.91	cps
Molybdenum	96-1	192	167	275	211	26.87	cps
Molybdenum	97-1	83	117	133	111	22.91	cps
Neodymium	150-1	27	27	33	29	13.31	cps
Neodymium	150-2	3	3	20	9	108.30	cps
Nickel	60-2	1900	2057	1987	1981	3.96	cps
Phosphorus	31-2	550	717	725	664	14.87	cps
Potassium	39-2	29465	29499	29766	29577	0.56	cps
Rhodium	103-1	6062851	5956670	6072029	6030517	1.06	cps
Rhodium	103-2	2640736	2595028	2583515	2606426	1.16	cps
Scandium	45-1	4602960	4490995	4547417	4547124	1.23	cps
Scandium	45-2	67565	67659	67394	67539	0.20	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	33	-28	-56	-17	-267.28	cps
Silicon	28-1	3708518	3676414	3602253	3662395	1.49	cps
Silver	109-1	300	258	333	297	12.64	cps
Silver	107-1	150	242	258	217	26.92	cps
Sodium	23-2	1457750	1447447	1447336	1450844	0.41	cps
Strontium	86-1	50963	50620	49742	50441	1.25	cps
Strontium	88-1	404614	402837	405550	404334	0.34	cps
Sulfur	34-1	382294	381208	379472	380991	0.37	cps
Terbium	159-1	6405548	6235072	6316897	6319172	1.35	cps
Terbium	159-2	2397439	2325217	2340407	2354354	1.62	cps
Thallium	203-1	92	117	125	111	15.61	cps
Thallium	205-1	158	250	342	250	36.67	cps
Tin	118-1	733	633	658	675	7.71	cps
Titanium	47-1	967	917	808	897	9.02	cps
Uranium	238-1	167	258	208	211	21.74	cps
Vanadium	51-2	83	70	87	80	11.03	cps
Yttrium	89-1	6729546	6735042	6855673	6773421	1.05	cps
Yttrium	89-2	410090	410843	410665	410533	0.10	cps
Zinc	66-2	47588	47408	47591	47529	0.22	cps
Zirconium	90-1	667	908	1042	872	21.79	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-11	Instrumnet Name :	P8
Client Sample ID :	DC14266-12-FL2-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:18:44	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	250	258	158	222	24.97	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-12 Instrumnet Name : P8
 Client Sample ID : DC14266-13-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:21:52 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	167	133	125	142	15.56	cps
Antimony	121-1	642	833	783	753	13.21	cps
Arsenic	75-2	63	69	74	69	8.11	cps
Barium	135-1	28206	28315	27104	27875	2.40	cps
Barium	137-1	48214	47905	47177	47765	1.11	cps
Beryllium	9-1	44	50	67	54	21.53	cps
Bismuth	209-1	3360728	3445959	3332627	3379771	1.75	cps
Bismuth	209-2	1583323	1572777	1565948	1574016	0.56	cps
Boron	11-1	5701	5651	5493	5615	1.94	cps
Boron	10-1	1225	1167	1142	1178	3.63	cps
Cadmium	106-1	1433	1642	1692	1589	8.62	cps
Cadmium	108-1	4	29	13	15	83.31	cps
Cadmium	111-1	1013	1162	1221	1132	9.48	cps
Calcium	43-1	138806	139337	140069	139404	0.45	cps
Calcium	44-1	2324728	2306959	2298258	2309981	0.58	cps
Chromium	52-2	1180	1320	1233	1245	5.68	cps
Cobalt	59-2	110	143	137	130	13.57	cps
Copper	63-2	705041	706709	702856	704869	0.27	cps
Dysprosium	156-1	17	25	67	36	74.18	cps
Dysprosium	156-2	10	13	10	11	17.30	cps
Erbium	164-1	83	75	67	75	11.11	cps
Erbium	164-2	10	7	17	11	45.82	cps
Gadolinium	160-1	83	108	92	94	13.48	cps
Gadolinium	160-2	27	27	30	28	6.92	cps
Holmium	165-1	5900833	5871856	5899514	5890734	0.28	cps
Holmium	165-2	2308270	2309169	2270372	2295937	0.96	cps
Indium	115-1	6041691	5908546	5970215	5973484	1.12	cps
Indium	115-2	525775	523084	520648	523169	0.49	cps
Iron	56-2	28022	24850	25390	26088	6.50	cps
Iron	57-2	667	756	672	698	7.13	cps
Lead	206-1	1767	1722	1539	1676	7.20	cps
Lead	207-1	1289	1233	1200	1241	3.62	cps
Lead	208-1	6001	5940	6034	5991	0.80	cps
Lithium	6-1	632970	628651	622041	627887	0.88	cps
Magnesium	24-2	73281	73600	73482	73454	0.22	cps
Manganese	55-2	5521	5515	5424	5487	0.98	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-12 Instrumnet Name : P8
 Client Sample ID : DC14266-13-FL2-BRT-W Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:21:52 DataFile Name : 047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	200	267	258	242	15.03	cps
Molybdenum	94-1	433	317	367	372	15.73	cps
Molybdenum	95-1	208	208	225	214	4.50	cps
Molybdenum	96-1	292	250	283	275	8.02	cps
Molybdenum	97-1	75	158	92	108	40.71	cps
Neodymium	150-1	27	20	20	22	17.33	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	863	727	783	791	8.68	cps
Phosphorus	31-2	742	717	808	756	6.27	cps
Potassium	39-2	28697	27144	27862	27901	2.79	cps
Rhodium	103-1	5961757	5923677	5961073	5948836	0.37	cps
Rhodium	103-2	2627304	2583692	2562564	2591187	1.27	cps
Scandium	45-1	4489748	4552457	4498881	4513695	0.75	cps
Scandium	45-2	67203	67277	67487	67322	0.22	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	7	4	86.68	cps
Selenium	82-1	69	61	-53	26	267.88	cps
Silicon	28-1	3401603	3463337	3406913	3423951	1.00	cps
Silver	109-1	208	267	208	228	14.79	cps
Silver	107-1	208	142	275	208	32.00	cps
Sodium	23-2	1449020	1470727	1429675	1449807	1.42	cps
Strontium	86-1	49683	50570	50369	50207	0.93	cps
Strontium	88-1	404085	402167	403827	403360	0.26	cps
Sulfur	34-1	378177	377689	372840	376235	0.78	cps
Terbium	159-1	6276458	6341664	6351512	6323212	0.65	cps
Terbium	159-2	2351570	2311273	2320907	2327917	0.90	cps
Thallium	203-1	75	92	117	94	22.21	cps
Thallium	205-1	233	250	217	233	7.14	cps
Tin	118-1	417	500	508	475	10.67	cps
Titanium	47-1	492	458	567	506	10.98	cps
Uranium	238-1	158	167	183	169	7.51	cps
Vanadium	51-2	60	77	80	72	14.84	cps
Yttrium	89-1	6665099	6796111	6697532	6719581	1.02	cps
Yttrium	89-2	411241	406370	409508	409040	0.60	cps
Zinc	66-2	6031	6035	5828	5965	1.99	cps
Zirconium	90-1	742	658	833	745	11.76	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-12	Instrumnet Name :	P8
Client Sample ID :	DC14266-13-FL2-BRT-W	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:21:52	DataFile Name :	047SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	142	158	175	158	10.52	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-13	Instrumnet Name :	P8
Client Sample ID :	DC14266-14-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:25:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	100	50	67	43.31	cps
Antimony	121-1	233	250	192	225	13.35	cps
Arsenic	75-2	28	9	30	22	50.69	cps
Barium	135-1	2817	2459	2459	2578	8.03	cps
Barium	137-1	4309	4076	4259	4215	2.92	cps
Beryllium	9-1	89	39	50	59	44.30	cps
Bismuth	209-1	3421874	3436132	3403099	3420368	0.48	cps
Bismuth	209-2	1606003	1610400	1599802	1605402	0.33	cps
Boron	11-1	4142	4418	4443	4334	3.84	cps
Boron	10-1	875	792	900	856	6.63	cps
Cadmium	106-1	1709	1742	1750	1734	1.27	cps
Cadmium	108-1	8	21	8	12	57.75	cps
Cadmium	111-1	1194	1217	1228	1213	1.41	cps
Calcium	43-1	105477	102750	102069	103432	1.74	cps
Calcium	44-1	1704865	1716350	1708364	1709860	0.34	cps
Chromium	52-2	1337	1463	1330	1377	5.46	cps
Cobalt	59-2	93	67	57	72	26.25	cps
Copper	63-2	630	707	763	700	9.56	cps
Dysprosium	156-1	25	33	0	19	89.21	cps
Dysprosium	156-2	17	7	3	9	78.08	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	83	100	75	86	14.78	cps
Gadolinium	160-2	7	20	37	21	71.19	cps
Holmium	165-1	5892392	5938563	5948858	5926604	0.51	cps
Holmium	165-2	2344577	2320947	2314323	2326616	0.68	cps
Indium	115-1	6040650	6054667	5925773	6007030	1.18	cps
Indium	115-2	523810	518822	521423	521351	0.48	cps
Iron	56-2	5262	5184	5401	5283	2.08	cps
Iron	57-2	117	206	194	172	28.12	cps
Lead	206-1	383	417	444	415	7.38	cps
Lead	207-1	311	322	283	306	6.56	cps
Lead	208-1	1500	1411	1445	1452	3.09	cps
Lithium	6-1	633613	643341	625704	634219	1.39	cps
Magnesium	24-2	44939	44629	44303	44624	0.71	cps
Manganese	55-2	320	297	260	292	10.35	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-13 Instrumnet Name : P8
 Client Sample ID : DC14266-14-FL3-CLDR- Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:25:01 DataFile Name : 048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2042	1834	1984	1953	5.50	cps
Molybdenum	94-1	892	958	758	870	11.71	cps
Molybdenum	95-1	1317	1250	1200	1256	4.66	cps
Molybdenum	96-1	1425	1308	1433	1389	5.03	cps
Molybdenum	97-1	650	817	692	720	12.06	cps
Neodymium	150-1	0	53	27	27	100.00	cps
Neodymium	150-2	17	3	7	9	78.08	cps
Nickel	60-2	127	103	127	119	11.33	cps
Phosphorus	31-2	17	25	33	25	33.32	cps
Potassium	39-2	27829	26593	25215	26546	4.93	cps
Rhodium	103-1	6032043	5961643	5915244	5969643	0.99	cps
Rhodium	103-2	2611922	2583244	2609899	2601688	0.62	cps
Scandium	45-1	4616605	4523543	4497190	4545779	1.38	cps
Scandium	45-2	66517	66804	66215	66512	0.44	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	6	4	4	4	24.86	cps
Selenium	82-1	-12	-112	31	-31	-238.36	cps
Silicon	28-1	19981348	19622886	19592559	19732264	1.10	cps
Silver	109-1	50	83	192	108	68.37	cps
Silver	107-1	117	133	133	128	7.53	cps
Sodium	23-2	371821	370241	369680	370581	0.30	cps
Strontium	86-1	76054	76305	72779	75046	2.62	cps
Strontium	88-1	631151	620190	615015	622118	1.32	cps
Sulfur	34-1	338704	333299	330269	334091	1.28	cps
Terbium	159-1	6298028	6363621	6423092	6361580	0.98	cps
Terbium	159-2	2333538	2309569	2350127	2331078	0.87	cps
Thallium	203-1	133	75	67	92	39.63	cps
Thallium	205-1	142	192	150	161	16.63	cps
Tin	118-1	417	292	683	464	43.13	cps
Titanium	47-1	292	433	383	369	19.45	cps
Uranium	238-1	3926	4334	4234	4165	5.11	cps
Vanadium	51-2	157	140	137	144	7.42	cps
Yttrium	89-1	6828184	6734042	6759435	6773887	0.72	cps
Yttrium	89-2	409343	408063	408473	408626	0.16	cps
Zinc	66-2	323	367	303	331	9.78	cps
Zirconium	90-1	533	475	483	497	6.34	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-13	Instrumnet Name :	P8
Client Sample ID :	DC14266-14-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:25:01	DataFile Name :	048SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	117	50	83	40.00	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-14	Instrumnet Name :	P8
Client Sample ID :	DC14266-15-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:28:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	75	53	39.74	cps
Antimony	121-1	133	117	67	106	32.87	cps
Arsenic	75-2	13	17	17	15	13.88	cps
Barium	135-1	2609	2242	2559	2470	8.05	cps
Barium	137-1	4443	4068	3809	4106	7.76	cps
Beryllium	9-1	78	72	44	65	27.55	cps
Bismuth	209-1	3390978	3403307	3335020	3376435	1.08	cps
Bismuth	209-2	1527340	1565531	1591970	1561614	2.08	cps
Boron	11-1	3884	3676	3867	3809	3.04	cps
Boron	10-1	792	975	842	870	10.90	cps
Cadmium	106-1	1475	1642	1584	1567	5.40	cps
Cadmium	108-1	8	8	4	7	34.59	cps
Cadmium	111-1	1048	1160	1122	1110	5.16	cps
Calcium	43-1	100955	101642	101046	101215	0.37	cps
Calcium	44-1	1634780	1651875	1656116	1647591	0.69	cps
Chromium	52-2	1300	1330	1377	1336	2.89	cps
Cobalt	59-2	77	93	80	83	10.59	cps
Copper	63-2	760	773	837	790	5.18	cps
Dysprosium	156-1	8	25	8	14	69.31	cps
Dysprosium	156-2	0	3	13	6	124.93	cps
Erbium	164-1	0	42	33	25	88.19	cps
Erbium	164-2	13	10	10	11	17.30	cps
Gadolinium	160-1	75	83	58	72	17.62	cps
Gadolinium	160-2	17	20	7	14	48.02	cps
Holmium	165-1	5876272	5987270	5884075	5915872	1.05	cps
Holmium	165-2	2249561	2323892	2323282	2298912	1.86	cps
Indium	115-1	6071746	5909633	5879698	5953692	1.74	cps
Indium	115-2	507630	519488	520595	515904	1.39	cps
Iron	56-2	4934	5012	4851	4933	1.63	cps
Iron	57-2	128	183	122	144	23.39	cps
Lead	206-1	256	300	278	278	8.00	cps
Lead	207-1	228	289	344	287	20.33	cps
Lead	208-1	1128	1333	1345	1269	9.62	cps
Lithium	6-1	611020	613086	611371	611826	0.18	cps
Magnesium	24-2	44412	43108	44336	43952	1.67	cps
Manganese	55-2	250	303	210	254	18.40	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-14	Instrumnet Name :	P8
Client Sample ID :	DC14266-15-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:28:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1909	2167	2134	2070	6.79	cps
Molybdenum	94-1	892	950	842	895	6.06	cps
Molybdenum	95-1	1200	1275	1242	1239	3.03	cps
Molybdenum	96-1	1242	1383	1367	1331	5.82	cps
Molybdenum	97-1	808	842	708	786	8.83	cps
Neodymium	150-1	53	27	20	33	52.92	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	103	90	103	99	7.79	cps
Phosphorus	31-2	42	50	25	39	32.73	cps
Potassium	39-2	27119	28271	27319	27570	2.23	cps
Rhodium	103-1	6094933	5983894	5913483	5997437	1.53	cps
Rhodium	103-2	2538870	2585747	2535575	2553397	1.10	cps
Scandium	45-1	4544696	4498203	4469724	4504208	0.84	cps
Scandium	45-2	65991	66346	66761	66366	0.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	6	4	4	50.09	cps
Selenium	82-1	-58	26	-210	-81	-148.32	cps
Silicon	28-1	19418013	19482276	19280725	19393671	0.53	cps
Silver	109-1	92	133	117	114	18.41	cps
Silver	107-1	100	92	142	111	24.11	cps
Sodium	23-2	373687	369559	371669	371638	0.56	cps
Strontium	86-1	76298	74764	75467	75510	1.02	cps
Strontium	88-1	623611	616269	611727	617202	0.97	cps
Sulfur	34-1	317906	317406	319907	318406	0.42	cps
Terbium	159-1	6251459	6323601	6214770	6263277	0.88	cps
Terbium	159-2	2261254	2297117	2312367	2290246	1.15	cps
Thallium	203-1	83	108	67	86	24.35	cps
Thallium	205-1	133	233	175	181	27.82	cps
Tin	118-1	392	408	450	417	7.21	cps
Titanium	47-1	300	392	325	339	13.98	cps
Uranium	238-1	4426	4126	4184	4245	3.75	cps
Vanadium	51-2	117	133	150	133	12.50	cps
Yttrium	89-1	6715078	6692783	6637396	6681752	0.60	cps
Yttrium	89-2	395920	406426	404604	402317	1.40	cps
Zinc	66-2	120	117	90	109	15.10	cps
Zirconium	90-1	550	600	458	536	13.40	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-14	Instrumnet Name :	P8
Client Sample ID :	DC14266-15-FL3-CLDR-	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:28:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	142	142	158	18.23	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-15	Instrumnet Name :	P8
Client Sample ID :	DC14266-16-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:31:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	233	158	41.78	cps
Antimony	121-1	958	933	933	942	1.53	cps
Arsenic	75-2	65	50	50	55	15.57	cps
Barium	135-1	28131	28431	28131	28231	0.61	cps
Barium	137-1	48055	47913	48030	48000	0.16	cps
Beryllium	9-1	44	72	72	63	25.46	cps
Bismuth	209-1	3364207	3391832	3356370	3370803	0.55	cps
Bismuth	209-2	1557419	1570517	1556288	1561408	0.51	cps
Boron	11-1	5551	5351	5760	5554	3.68	cps
Boron	10-1	1033	1208	1142	1128	7.83	cps
Cadmium	106-1	1517	1625	1709	1617	5.94	cps
Cadmium	108-1	63	17	29	36	65.60	cps
Cadmium	111-1	1064	1188	1246	1166	8.00	cps
Calcium	43-1	142997	143629	139420	142015	1.60	cps
Calcium	44-1	2344651	2357969	2323106	2341909	0.75	cps
Chromium	52-2	1080	1227	1300	1202	9.32	cps
Cobalt	59-2	493	460	440	464	5.80	cps
Copper	63-2	710125	696365	699543	702011	1.03	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	20	0	3	8	137.80	cps
Erbium	164-1	25	58	42	42	40.00	cps
Erbium	164-2	17	13	20	17	20.01	cps
Gadolinium	160-1	92	92	117	100	14.43	cps
Gadolinium	160-2	17	20	27	21	24.12	cps
Holmium	165-1	5996169	5924052	5832427	5917549	1.39	cps
Holmium	165-2	2312137	2275448	2276320	2287968	0.92	cps
Indium	115-1	6035272	5963776	5904770	5967939	1.10	cps
Indium	115-2	522610	523183	525663	523819	0.31	cps
Iron	56-2	43441	41674	44350	43155	3.15	cps
Iron	57-2	1217	972	1039	1076	11.75	cps
Lead	206-1	5840	6096	5924	5953	2.19	cps
Lead	207-1	5068	5007	5090	5055	0.85	cps
Lead	208-1	22692	23442	22992	23042	1.64	cps
Lithium	6-1	596906	602090	595861	598286	0.56	cps
Magnesium	24-2	74855	73826	77026	75236	2.17	cps
Manganese	55-2	6852	6838	6942	6877	0.82	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-15	Instrumnet Name :	P8
Client Sample ID :	DC14266-16-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:31:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	233	200	192	208	10.58	cps
Molybdenum	94-1	408	392	433	411	5.10	cps
Molybdenum	95-1	150	158	150	153	3.15	cps
Molybdenum	96-1	158	292	217	222	30.08	cps
Molybdenum	97-1	42	133	167	114	56.84	cps
Neodymium	150-1	53	13	27	31	65.48	cps
Neodymium	150-2	3	10	0	4	114.60	cps
Nickel	60-2	1760	1700	1703	1721	1.96	cps
Phosphorus	31-2	642	683	708	678	4.97	cps
Potassium	39-2	29181	28981	29448	29203	0.80	cps
Rhodium	103-1	6030023	5953677	6008891	5997530	0.66	cps
Rhodium	103-2	2593474	2596530	2576663	2588889	0.41	cps
Scandium	45-1	4598548	4530800	4563046	4564132	0.74	cps
Scandium	45-2	67498	66985	67749	67411	0.58	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	6	6	33.38	cps
Selenium	82-1	-15	221	-18	63	218.47	cps
Silicon	28-1	3548213	3513718	3524470	3528801	0.50	cps
Silver	109-1	158	292	175	208	34.87	cps
Silver	107-1	225	192	242	219	11.60	cps
Sodium	23-2	1432134	1447501	1438094	1439243	0.54	cps
Strontium	86-1	49909	49048	49549	49502	0.87	cps
Strontium	88-1	409809	406480	405512	407267	0.55	cps
Sulfur	34-1	340833	343808	341316	341986	0.47	cps
Terbium	159-1	6311769	6239372	6240806	6263982	0.66	cps
Terbium	159-2	2324530	2316273	2281511	2307438	0.99	cps
Thallium	203-1	125	117	83	108	20.35	cps
Thallium	205-1	258	175	183	206	22.33	cps
Tin	118-1	367	383	868	539	52.81	cps
Titanium	47-1	567	508	508	528	6.38	cps
Uranium	238-1	167	133	158	153	11.36	cps
Vanadium	51-2	57	77	60	64	16.63	cps
Yttrium	89-1	6761756	6731624	6699940	6731106	0.46	cps
Yttrium	89-2	406688	409878	409030	408532	0.40	cps
Zinc	66-2	136127	135238	137480	136282	0.83	cps
Zirconium	90-1	875	725	725	775	11.17	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-15	Instrumnet Name :	P8
Client Sample ID :	DC14266-16-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:31:18	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	83	167	200	150	40.06	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-16	Instrumnet Name :	P8
Client Sample ID :	DC14266-17-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:34:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	175	183	158	22.94	cps
Antimony	121-1	500	450	550	500	10.00	cps
Arsenic	75-2	65	67	57	63	7.78	cps
Barium	135-1	27964	27404	27655	27674	1.01	cps
Barium	137-1	49336	47762	48013	48370	1.75	cps
Beryllium	9-1	44	39	39	41	7.88	cps
Bismuth	209-1	3377379	3313059	3270017	3320151	1.63	cps
Bismuth	209-2	1545045	1555956	1551042	1550681	0.35	cps
Boron	11-1	5009	5101	4576	4896	5.73	cps
Boron	10-1	1175	900	942	1006	14.74	cps
Cadmium	106-1	1642	1550	1750	1647	6.08	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Cadmium	111-1	1157	1093	1236	1162	6.16	cps
Calcium	43-1	141987	141373	141952	141771	0.24	cps
Calcium	44-1	2335534	2284881	2309970	2310128	1.10	cps
Chromium	52-2	1203	1267	1290	1253	3.58	cps
Cobalt	59-2	90	80	110	93	16.37	cps
Copper	63-2	657360	657094	650486	654980	0.59	cps
Dysprosium	156-1	50	25	25	33	43.30	cps
Dysprosium	156-2	17	0	10	9	94.38	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	3	10	30	14	96.09	cps
Gadolinium	160-1	58	92	108	86	29.56	cps
Gadolinium	160-2	30	27	17	24	28.38	cps
Holmium	165-1	5911241	5808303	5709747	5809763	1.73	cps
Holmium	165-2	2272068	2285886	2261332	2273095	0.54	cps
Indium	115-1	5932582	5947377	5846024	5908661	0.93	cps
Indium	115-2	520702	516668	519074	518815	0.39	cps
Iron	56-2	27256	27676	30520	28484	6.23	cps
Iron	57-2	717	806	817	780	7.03	cps
Lead	206-1	1378	1206	1328	1304	6.80	cps
Lead	207-1	1111	1083	1072	1089	1.84	cps
Lead	208-1	5312	4812	5051	5058	4.95	cps
Lithium	6-1	586917	583958	586423	585766	0.27	cps
Magnesium	24-2	73248	73750	73298	73432	0.38	cps
Manganese	55-2	6345	6322	6081	6249	2.33	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-16	Instrumnet Name :	P8
Client Sample ID :	DC14266-17-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:34:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	225	300	283	269	14.61	cps
Molybdenum	94-1	333	317	442	364	18.65	cps
Molybdenum	95-1	175	133	150	153	13.73	cps
Molybdenum	96-1	167	242	208	206	18.28	cps
Molybdenum	97-1	125	75	92	97	26.19	cps
Neodymium	150-1	80	7	40	42	86.96	cps
Neodymium	150-2	3	7	10	7	50.03	cps
Nickel	60-2	387	377	347	370	5.63	cps
Phosphorus	31-2	650	658	833	714	14.50	cps
Potassium	39-2	28221	28872	27736	28277	2.02	cps
Rhodium	103-1	6033545	5993197	5950341	5992361	0.69	cps
Rhodium	103-2	2583849	2571783	2584151	2579927	0.27	cps
Scandium	45-1	4620431	4551645	4481427	4551168	1.53	cps
Scandium	45-2	67739	67739	68007	67828	0.23	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	0	9	4	4	107.89	cps
Selenium	82-1	2	-165	-13	-59	-156.45	cps
Silicon	28-1	3476305	3391884	3328655	3398948	2.18	cps
Silver	109-1	117	158	208	161	28.49	cps
Silver	107-1	142	225	175	181	23.23	cps
Sodium	23-2	1442851	1438796	1469888	1450512	1.17	cps
Strontium	86-1	50411	50327	49374	50037	1.15	cps
Strontium	88-1	410205	403379	398132	403905	1.50	cps
Sulfur	34-1	346976	349476	344911	347121	0.66	cps
Terbium	159-1	6327604	6159312	6080575	6189164	2.04	cps
Terbium	159-2	2280075	2309316	2261464	2283618	1.06	cps
Thallium	203-1	108	50	100	86	36.64	cps
Thallium	205-1	158	192	317	222	37.56	cps
Tin	118-1	425	400	383	403	5.21	cps
Titanium	47-1	517	767	458	581	28.22	cps
Uranium	238-1	175	150	92	139	30.79	cps
Vanadium	51-2	63	57	90	70	25.20	cps
Yttrium	89-1	6813385	6606168	6602487	6674013	1.81	cps
Yttrium	89-2	409623	407725	410744	409364	0.37	cps
Zinc	66-2	4901	4641	4451	4664	4.84	cps
Zirconium	90-1	642	617	725	661	8.58	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-16	Instrumnet Name :	P8
Client Sample ID :	DC14266-17-FL3-BRC1-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:34:26	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	217	217	100	178	37.89	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-17	Instrumnet Name :	P8
Client Sample ID :	DC14266-18-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:37:35	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	125	167	144	14.52	cps
Antimony	121-1	1942	1875	1925	1914	1.81	cps
Arsenic	75-2	54	61	57	57	6.45	cps
Barium	135-1	29710	28757	29142	29203	1.64	cps
Barium	137-1	51217	50949	50497	50888	0.72	cps
Beryllium	9-1	83	22	61	56	55.68	cps
Bismuth	209-1	3369468	3307798	3312986	3330084	1.03	cps
Bismuth	209-2	1562553	1551486	1565713	1559917	0.48	cps
Boron	11-1	4801	4493	4859	4718	4.18	cps
Boron	10-1	1033	1092	942	1022	7.40	cps
Cadmium	106-1	1809	1475	1550	1611	10.85	cps
Cadmium	108-1	25	17	13	18	35.25	cps
Cadmium	111-1	1303	1054	1118	1158	11.14	cps
Calcium	43-1	143460	141650	142138	142416	0.66	cps
Calcium	44-1	2387226	2360740	2388116	2378694	0.65	cps
Chromium	52-2	1197	1163	1230	1197	2.79	cps
Cobalt	59-2	143	140	150	144	3.52	cps
Copper	63-2	832797	824618	827588	828334	0.50	cps
Dysprosium	156-1	58	25	33	39	44.62	cps
Dysprosium	156-2	13	7	17	12	41.65	cps
Erbium	164-1	25	75	50	50	50.00	cps
Erbium	164-2	0	20	17	12	87.67	cps
Gadolinium	160-1	67	125	75	89	35.50	cps
Gadolinium	160-2	17	27	23	22	22.91	cps
Holmium	165-1	5901850	5934258	5767331	5867813	1.51	cps
Holmium	165-2	2293876	2296215	2296566	2295553	0.06	cps
Indium	115-1	5981189	5895052	5930213	5935485	0.73	cps
Indium	115-2	533871	530010	528531	530804	0.52	cps
Iron	56-2	26749	34454	28276	29826	13.68	cps
Iron	57-2	728	717	761	735	3.15	cps
Lead	206-1	4484	4784	4551	4607	3.42	cps
Lead	207-1	3990	3812	3656	3819	4.37	cps
Lead	208-1	17666	17894	17200	17587	2.01	cps
Lithium	6-1	595155	592552	590216	592641	0.42	cps
Magnesium	24-2	74201	73834	76037	74691	1.58	cps
Manganese	55-2	6578	6558	6382	6506	1.66	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-17 Instrumnet Name : P8
 Client Sample ID : DC14266-18-FL3-BRC2-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:37:35 DataFile Name : 052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	258	200	258	239	14.10	cps
Molybdenum	94-1	417	367	367	383	7.53	cps
Molybdenum	95-1	142	200	225	189	22.64	cps
Molybdenum	96-1	283	217	217	239	16.11	cps
Molybdenum	97-1	133	108	158	133	18.75	cps
Neodymium	150-1	33	40	27	33	20.00	cps
Neodymium	150-2	7	7	10	8	24.71	cps
Nickel	60-2	763	730	873	789	9.51	cps
Phosphorus	31-2	625	808	708	714	12.86	cps
Potassium	39-2	30392	30467	30133	30331	0.58	cps
Rhodium	103-1	6093752	5970842	6023549	6029381	1.02	cps
Rhodium	103-2	2643458	2619618	2597353	2620143	0.88	cps
Scandium	45-1	4609875	4572882	4581915	4588224	0.42	cps
Scandium	45-2	69132	69444	68178	68918	0.96	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	11	7	7	9	24.71	cps
Selenium	82-1	-45	-2	-50	-32	-82.18	cps
Silicon	28-1	3473403	3379391	3420721	3424505	1.38	cps
Silver	109-1	150	192	258	200	27.32	cps
Silver	107-1	167	292	192	217	30.53	cps
Sodium	23-2	1489811	1499218	1466784	1485271	1.12	cps
Strontium	86-1	50946	50243	51549	50913	1.28	cps
Strontium	88-1	407728	412383	410296	410136	0.57	cps
Sulfur	34-1	355167	354331	359616	356371	0.80	cps
Terbium	159-1	6298624	6321727	6113393	6244581	1.83	cps
Terbium	159-2	2333876	2306790	2308275	2316314	0.66	cps
Thallium	203-1	133	83	83	100	28.87	cps
Thallium	205-1	233	200	358	264	31.63	cps
Tin	118-1	2134	2142	2175	2150	1.03	cps
Titanium	47-1	575	1026	683	762	30.92	cps
Uranium	238-1	175	150	142	156	11.15	cps
Vanadium	51-2	80	70	97	82	16.39	cps
Yttrium	89-1	6714690	6715166	6699279	6709712	0.13	cps
Yttrium	89-2	418405	413762	415768	415978	0.56	cps
Zinc	66-2	54992	54654	54842	54829	0.31	cps
Zirconium	90-1	758	808	700	756	7.18	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-17	Instrumnet Name :	P8
Client Sample ID :	DC14266-18-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:37:35	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	225	208	203	12.55	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-18 Instrumnet Name : P8
 Client Sample ID : DC14266-19-FL3-BRC2-1 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:40:44 DataFile Name : 053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	200	158	167	18.03	cps
Antimony	121-1	575	608	658	614	6.83	cps
Arsenic	75-2	56	44	43	48	14.76	cps
Barium	135-1	28031	28039	28440	28170	0.83	cps
Barium	137-1	48364	48081	47972	48139	0.42	cps
Beryllium	9-1	44	44	33	41	15.76	cps
Bismuth	209-1	3346067	3273837	3287851	3302585	1.16	cps
Bismuth	209-2	1558411	1548232	1537935	1548193	0.66	cps
Boron	11-1	4609	4643	4801	4684	2.19	cps
Boron	10-1	1083	1067	892	1014	10.47	cps
Cadmium	106-1	1525	1692	1575	1597	5.35	cps
Cadmium	108-1	13	8	8	10	24.77	cps
Cadmium	111-1	1076	1208	1113	1132	6.01	cps
Calcium	43-1	140513	140556	139489	140186	0.43	cps
Calcium	44-1	2305611	2320885	2311717	2312738	0.33	cps
Chromium	52-2	1420	1180	1260	1287	9.50	cps
Cobalt	59-2	110	100	123	111	10.54	cps
Copper	63-2	838150	838491	828269	834970	0.70	cps
Dysprosium	156-1	50	33	17	33	50.00	cps
Dysprosium	156-2	17	17	17	17	0.00	cps
Erbium	164-1	92	100	58	83	26.45	cps
Erbium	164-2	23	3	20	16	68.90	cps
Gadolinium	160-1	142	117	75	111	30.31	cps
Gadolinium	160-2	13	30	53	32	62.37	cps
Holmium	165-1	5786023	5746951	5802098	5778357	0.49	cps
Holmium	165-2	2330177	2290533	2253541	2291417	1.67	cps
Indium	115-1	5980889	6007591	5908817	5965766	0.86	cps
Indium	115-2	523063	523994	526421	524493	0.33	cps
Iron	56-2	30963	31314	31659	31312	1.11	cps
Iron	57-2	817	933	839	863	7.18	cps
Lead	206-1	1050	1189	1206	1148	7.44	cps
Lead	207-1	1011	1061	878	983	9.64	cps
Lead	208-1	4278	4428	4406	4371	1.85	cps
Lithium	6-1	593676	586847	572609	584377	1.84	cps
Magnesium	24-2	75819	74831	74262	74970	1.05	cps
Manganese	55-2	7682	7552	7539	7591	1.04	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-18	Instrumnet Name :	P8
Client Sample ID :	DC14266-19-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:40:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	200	292	208	233	21.72	cps
Molybdenum	94-1	325	425	350	367	14.19	cps
Molybdenum	95-1	167	158	117	147	18.20	cps
Molybdenum	96-1	233	208	208	217	6.66	cps
Molybdenum	97-1	58	75	108	81	31.60	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	283	270	307	287	6.47	cps
Phosphorus	31-2	733	658	750	714	6.84	cps
Potassium	39-2	27887	27745	28238	27956	0.91	cps
Rhodium	103-1	5929467	6059402	5995859	5994909	1.08	cps
Rhodium	103-2	2600326	2581857	2608679	2596954	0.53	cps
Scandium	45-1	4516285	4560585	4556081	4544317	0.54	cps
Scandium	45-2	67582	67866	68472	67973	0.67	cps
Selenium	77-2	10	0	3	4	114.60	cps
Selenium	78-2	9	11	11	10	10.18	cps
Selenium	82-1	-8	-23	-108	-46	-116.95	cps
Silicon	28-1	3430752	3924136	3352705	3569198	8.68	cps
Silver	109-1	175	233	150	186	22.98	cps
Silver	107-1	192	325	233	250	27.28	cps
Sodium	23-2	1487333	1492781	1453146	1477753	1.45	cps
Strontium	86-1	49658	50771	49466	49965	1.41	cps
Strontium	88-1	410596	403965	403115	405892	1.01	cps
Sulfur	34-1	360958	360600	360394	360651	0.08	cps
Terbium	159-1	6303123	6121278	6107769	6177390	1.77	cps
Terbium	159-2	2334502	2280923	2286134	2300519	1.28	cps
Thallium	203-1	75	100	117	97	21.57	cps
Thallium	205-1	183	225	233	214	12.53	cps
Tin	118-1	450	458	500	469	5.71	cps
Titanium	47-1	809	467	1077	784	38.99	cps
Uranium	238-1	167	133	133	144	13.33	cps
Vanadium	51-2	87	57	80	74	21.16	cps
Yttrium	89-1	6683928	6708718	6627025	6673224	0.63	cps
Yttrium	89-2	416614	414228	416289	415710	0.31	cps
Zinc	66-2	2224	2270	2277	2257	1.29	cps
Zirconium	90-1	617	650	575	614	6.12	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-18	Instrumnet Name :	P8
Client Sample ID :	DC14266-19-FL3-BRC2-1	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:40:44	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	125	167	167	153	15.75	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	564945	559833	557555	560778	0.67	cps
Antimony	121-1	3827939	3874084	3877440	3859821	0.72	cps
Arsenic	75-2	99451	99141	97862	98818	0.85	cps
Barium	135-1	3764390	3824383	3864428	3817734	1.32	cps
Barium	137-1	6439387	6417820	6544946	6467385	1.05	cps
Beryllium	9-1	516416	526940	530621	524659	1.41	cps
Bismuth	209-1	3015594	3092133	3052740	3053489	1.25	cps
Bismuth	209-2	1467752	1462175	1468422	1466116	0.23	cps
Boron	11-1	316565	324515	327425	322835	1.74	cps
Boron	10-1	65794	65844	68917	66851	2.68	cps
Cadmium	106-1	89588	92072	90184	90615	1.43	cps
Cadmium	108-1	59133	59690	60544	59789	1.19	cps
Cadmium	111-1	842329	853587	850955	848957	0.69	cps
Calcium	43-1	5554253	5545580	5611187	5570340	0.64	cps
Calcium	44-1	89552404	89817762	90479967	89950044	0.53	cps
Chromium	52-2	813354	812261	807803	811139	0.36	cps
Cobalt	59-2	1566271	1558603	1548118	1557664	0.59	cps
Copper	63-2	2620216	2638821	2614709	2624582	0.48	cps
Dysprosium	156-1	83	100	75	86	14.79	cps
Dysprosium	156-2	17	40	27	28	42.13	cps
Erbium	164-1	17	33	67	39	65.47	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	92	92	92	92	0.00	cps
Gadolinium	160-2	43	47	67	52	24.17	cps
Holmium	165-1	5398708	5578895	5679899	5552501	2.57	cps
Holmium	165-2	2258350	2268338	2233696	2253461	0.79	cps
Indium	115-1	5330168	5475743	5506521	5437477	1.73	cps
Indium	115-2	484191	485836	486444	485490	0.24	cps
Iron	56-2	135444922	136270309	135261550	135658927	0.40	cps
Iron	57-2	3372940	3459218	3446599	3426253	1.36	cps
Lead	206-1	1636663	1667224	1697504	1667130	1.82	cps
Lead	207-1	1482475	1508174	1505516	1498721	0.94	cps
Lead	208-1	6762126	6861007	6891393	6838175	0.99	cps
Lithium	6-1	573979	577350	586344	579224	1.10	cps
Magnesium	24-2	13483182	13408353	13563990	13485175	0.58	cps
Manganese	55-2	484988	483888	481489	483455	0.37	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2920985	2948506	2967876	2945789	0.80	cps
Molybdenum	94-1	3375216	3396201	3429020	3400146	0.80	cps
Molybdenum	95-1	1860064	1889598	1860227	1869963	0.91	cps
Molybdenum	96-1	2345000	2385521	2399352	2376624	1.19	cps
Molybdenum	97-1	1101850	1124942	1125483	1117425	1.21	cps
Neodymium	150-1	153	200	200	184	14.61	cps
Neodymium	150-2	17	27	27	23	24.74	cps
Nickel	60-2	447624	443411	442038	444358	0.66	cps
Phosphorus	31-2	9329	9437	9904	9556	3.20	cps
Potassium	39-2	4880518	4831834	4840278	4850877	0.54	cps
Rhodium	103-1	5286758	5415563	5369423	5357248	1.22	cps
Rhodium	103-2	2355057	2328948	2346995	2343667	0.57	cps
Scandium	45-1	4328770	4251973	4362615	4314453	1.31	cps
Scandium	45-2	64996	64554	65207	64919	0.51	cps
Selenium	77-2	780	690	747	739	6.16	cps
Selenium	78-2	2556	2715	2756	2676	3.95	cps
Selenium	82-1	57814	58436	58923	58391	0.95	cps
Silicon	28-1	2355137	2375090	2416276	2382167	1.31	cps
Silver	109-1	4109177	4079379	4164291	4117616	1.05	cps
Silver	107-1	4331535	4384609	4446475	4387540	1.31	cps
Sodium	23-2	33542201	33380307	33161337	33361282	0.57	cps
Strontium	86-1	1176682	1185841	1188850	1183791	0.54	cps
Strontium	88-1	10121170	10236822	10279648	10212547	0.80	cps
Sulfur	34-1	681516	677637	677943	679032	0.32	cps
Terbium	159-1	5936742	5945674	6015964	5966127	0.73	cps
Terbium	159-2	2254565	2278014	2257322	2263300	0.57	cps
Thallium	203-1	2107247	2129066	2167695	2134669	1.43	cps
Thallium	205-1	4962996	5070746	5129526	5054423	1.67	cps
Tin	118-1	2645432	2671183	2681757	2666124	0.70	cps
Titanium	47-1	568110	567881	569473	568488	0.15	cps
Uranium	238-1	5978095	6080572	6089033	6049233	1.02	cps
Vanadium	51-2	583274	582844	579224	581781	0.38	cps
Yttrium	89-1	6258539	6319559	6298847	6292315	0.49	cps
Yttrium	89-2	391082	395615	392753	393150	0.58	cps
Zinc	66-2	268704	267903	266455	267687	0.43	cps
Zirconium	90-1	6393145	6459847	6495057	6449350	0.80	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV19	Instrumnet Name :	P8
Client Sample ID :	CCV19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:43:52	DataFile Name :	054CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1442727	1454620	1460699	1452682	0.63	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB19 Instrumnet Name : P8
 Client Sample ID : CCB19 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:46:52 DataFile Name : 055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.74	cps
Antimony	121-1	542	450	350	447	21.44	cps
Arsenic	75-2	13	7	11	10	26.93	cps
Barium	135-1	83	25	17	42	87.18	cps
Barium	137-1	33	33	75	47	50.95	cps
Beryllium	9-1	39	56	61	52	22.30	cps
Bismuth	209-1	3458850	3536487	3462585	3485974	1.26	cps
Bismuth	209-2	1620378	1622442	1559727	1600849	2.23	cps
Boron	11-1	8061	7652	7194	7636	5.68	cps
Boron	10-1	1884	1483	1425	1597	15.62	cps
Cadmium	106-1	1659	1717	1483	1620	7.50	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Cadmium	111-1	1169	1201	1041	1137	7.48	cps
Calcium	43-1	6485	6852	6502	6613	3.13	cps
Calcium	44-1	74960	77137	75588	75895	1.48	cps
Chromium	52-2	1140	1147	1043	1110	5.21	cps
Cobalt	59-2	57	77	50	61	22.71	cps
Copper	63-2	420	493	497	470	9.22	cps
Dysprosium	156-1	33	8	0	14	124.91	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	33	0	19	89.22	cps
Erbium	164-2	3	3	3	3	0.00	cps
Gadolinium	160-1	108	33	33	58	74.24	cps
Gadolinium	160-2	37	27	13	26	45.82	cps
Holmium	165-1	6034435	6002060	6062193	6032896	0.50	cps
Holmium	165-2	2340791	2341828	2248740	2310453	2.31	cps
Indium	115-1	6001089	6028512	6088451	6039351	0.74	cps
Indium	115-2	530851	523430	504180	519487	2.65	cps
Iron	56-2	4757	4729	4379	4621	4.56	cps
Iron	57-2	128	139	106	124	13.68	cps
Lead	206-1	728	561	650	646	12.90	cps
Lead	207-1	533	572	494	533	7.29	cps
Lead	208-1	2578	2489	2295	2454	5.91	cps
Lithium	6-1	661107	660592	663230	661643	0.21	cps
Magnesium	24-2	133	108	67	103	32.77	cps
Manganese	55-2	140	83	97	107	27.77	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:46:52	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	42	75	67	61	28.38	cps
Molybdenum	94-1	433	408	350	397	10.77	cps
Molybdenum	95-1	42	42	25	36	26.65	cps
Molybdenum	96-1	117	125	100	114	11.18	cps
Molybdenum	97-1	42	25	17	28	45.82	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	63	73	30	56	40.84	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	6560	6702	6343	6535	2.76	cps
Rhodium	103-1	6084440	6127378	6102423	6104747	0.35	cps
Rhodium	103-2	2623341	2609002	2485893	2572746	2.94	cps
Scandium	45-1	4585732	4548355	4577395	4570494	0.43	cps
Scandium	45-2	66734	65492	63714	65313	2.32	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	7	4	7	6	34.70	cps
Selenium	82-1	-174	-106	26	-85	-119.68	cps
Silicon	28-1	386682	376558	381701	381647	1.33	cps
Silver	109-1	200	150	250	200	25.00	cps
Silver	107-1	250	325	242	272	16.86	cps
Sodium	23-2	15134	15651	15075	15287	2.07	cps
Strontium	86-1	2542	2767	2567	2625	4.70	cps
Strontium	88-1	133	117	92	114	18.41	cps
Sulfur	34-1	337572	339027	341876	339492	0.64	cps
Terbium	159-1	6382786	6493945	6435796	6437509	0.86	cps
Terbium	159-2	2372978	2360131	2254003	2329037	2.80	cps
Thallium	203-1	258	233	233	242	5.97	cps
Thallium	205-1	567	358	525	483	22.81	cps
Tin	118-1	1900	1734	1584	1739	9.11	cps
Titanium	47-1	183	175	200	186	6.84	cps
Uranium	238-1	50	92	42	61	43.83	cps
Vanadium	51-2	13	7	30	17	72.11	cps
Yttrium	89-1	6770446	6685423	6731110	6728993	0.63	cps
Yttrium	89-2	410070	407447	391411	402976	2.51	cps
Zinc	66-2	100	103	93	99	5.15	cps
Zirconium	90-1	917	1008	792	906	12.01	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB19	Instrumnet Name :	P8
Client Sample ID :	CCB19	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:46:52	DataFile Name :	055CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	175	242	242	219	17.54	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-19 Instrumnet Name : P8
 Client Sample ID : DC14266-20-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:50:02 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	117	117	103	23.41	cps
Antimony	121-1	21668	21468	22019	21718	1.28	cps
Arsenic	75-2	57	61	54	57	6.45	cps
Barium	135-1	35724	34931	35967	35541	1.52	cps
Barium	137-1	61854	61527	60640	61341	1.02	cps
Beryllium	9-1	67	50	67	61	15.75	cps
Bismuth	209-1	3578431	3559742	3514771	3550981	0.92	cps
Bismuth	209-2	1721224	1610033	1636564	1655940	3.51	cps
Boron	11-1	7052	7160	6677	6963	3.64	cps
Boron	10-1	1650	1317	1317	1428	13.48	cps
Cadmium	106-1	1617	1759	1684	1686	4.20	cps
Cadmium	108-1	58	54	58	57	4.22	cps
Cadmium	111-1	1245	1326	1258	1277	3.41	cps
Calcium	43-1	155065	151374	150635	152358	1.56	cps
Calcium	44-1	2552295	2540582	2503081	2531986	1.02	cps
Chromium	52-2	1310	1330	1233	1291	3.95	cps
Cobalt	59-2	403	393	403	400	1.44	cps
Copper	63-2	1745503	1724639	1735363	1735168	0.60	cps
Dysprosium	156-1	33	83	25	47	66.82	cps
Dysprosium	156-2	10	17	3	10	66.70	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	10	20	7	12	56.76	cps
Gadolinium	160-1	100	83	75	86	14.78	cps
Gadolinium	160-2	20	23	20	21	9.11	cps
Holmium	165-1	6184057	6118201	6123388	6141882	0.60	cps
Holmium	165-2	2398175	2348522	2384956	2377218	1.08	cps
Indium	115-1	6214038	6186658	6132873	6177856	0.67	cps
Indium	115-2	535062	532808	535748	534539	0.29	cps
Iron	56-2	28095	28446	29840	28794	3.20	cps
Iron	57-2	783	656	683	707	9.50	cps
Lead	206-1	6029	5824	5885	5913	1.79	cps
Lead	207-1	4957	4940	4734	4877	2.54	cps
Lead	208-1	23120	22770	22497	22796	1.37	cps
Lithium	6-1	663067	662901	663716	663228	0.06	cps
Magnesium	24-2	79203	78366	80209	79259	1.16	cps
Manganese	55-2	7325	7252	7455	7344	1.40	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-19 Instrumnet Name : P8
 Client Sample ID : DC14266-20-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:50:02 DataFile Name : 056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	283	242	275	267	8.27	cps
Molybdenum	94-1	667	608	583	619	6.90	cps
Molybdenum	95-1	208	200	183	197	6.45	cps
Molybdenum	96-1	333	317	267	306	11.36	cps
Molybdenum	97-1	117	92	133	114	18.41	cps
Neodymium	150-1	40	40	27	36	21.64	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	13854	13230	13627	13570	2.33	cps
Phosphorus	31-2	425	475	500	467	8.18	cps
Potassium	39-2	36983	36298	37233	36838	1.32	cps
Rhodium	103-1	6186953	6247585	6117786	6184108	1.05	cps
Rhodium	103-2	2661020	2663230	2672752	2665667	0.23	cps
Scandium	45-1	4710178	4666388	4664831	4680466	0.55	cps
Scandium	45-2	68523	68014	68252	68263	0.37	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	6	7	4	6	33.38	cps
Selenium	82-1	-138	-110	-154	-134	-16.52	cps
Silicon	28-1	3607220	3601754	3568365	3592446	0.59	cps
Silver	109-1	275	392	333	333	17.50	cps
Silver	107-1	325	383	408	372	11.49	cps
Sodium	23-2	1519533	1498837	1491101	1503157	0.98	cps
Strontium	86-1	56459	54544	52385	54463	3.74	cps
Strontium	88-1	450312	448387	445144	447948	0.58	cps
Sulfur	34-1	390759	389859	391356	390658	0.19	cps
Terbium	159-1	6616649	6498433	6505678	6540253	1.01	cps
Terbium	159-2	2423150	2393607	2395086	2403948	0.69	cps
Thallium	203-1	217	208	117	181	30.73	cps
Thallium	205-1	292	392	392	358	16.11	cps
Tin	118-1	2442	2609	2617	2556	3.86	cps
Titanium	47-1	550	458	533	514	9.50	cps
Uranium	238-1	167	267	208	214	23.48	cps
Vanadium	51-2	63	63	50	59	13.07	cps
Yttrium	89-1	6952164	6914508	6880726	6915799	0.52	cps
Yttrium	89-2	419491	415262	419475	418076	0.58	cps
Zinc	66-2	300436	297657	299029	299040	0.46	cps
Zirconium	90-1	2000	1559	1375	1645	19.54	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-19	Instrumnet Name :	P8
Client Sample ID :	DC14266-20-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:50:02	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	517	325	183	342	48.96	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-20 Instrumnet Name : P8
 Client Sample ID : DC14266-21-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:53:09 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	75	117	92	24.05	cps
Antimony	121-1	1967	1750	1834	1850	5.91	cps
Arsenic	75-2	57	69	44	57	21.22	cps
Barium	135-1	31004	30879	30737	30873	0.43	cps
Barium	137-1	53384	52831	51518	52578	1.82	cps
Beryllium	9-1	94	22	67	61	59.62	cps
Bismuth	209-1	3504883	3289646	3414696	3403075	3.18	cps
Bismuth	209-2	1625192	1611484	1618379	1618351	0.42	cps
Boron	11-1	6360	6593	6085	6346	4.01	cps
Boron	10-1	1117	1442	1283	1281	12.69	cps
Cadmium	106-1	1483	1742	1533	1586	8.64	cps
Cadmium	108-1	13	13	21	15	31.48	cps
Cadmium	111-1	1063	1240	1084	1129	8.55	cps
Calcium	43-1	146129	145607	143502	145079	0.96	cps
Calcium	44-1	2384589	2396535	2359916	2380347	0.78	cps
Chromium	52-2	1133	1260	1190	1195	5.31	cps
Cobalt	59-2	90	93	110	98	10.96	cps
Copper	63-2	1619996	1619937	1626833	1622255	0.24	cps
Dysprosium	156-1	17	33	42	31	41.65	cps
Dysprosium	156-2	0	17	7	8	107.84	cps
Erbium	164-1	33	50	33	39	24.75	cps
Erbium	164-2	13	3	10	9	57.30	cps
Gadolinium	160-1	67	117	125	103	30.70	cps
Gadolinium	160-2	20	13	20	18	21.66	cps
Holmium	165-1	6001244	5739730	5912146	5884373	2.26	cps
Holmium	165-2	2390483	2367508	2353404	2370465	0.79	cps
Indium	115-1	6101378	5801043	6019391	5973937	2.60	cps
Indium	115-2	532796	533291	529424	531837	0.40	cps
Iron	56-2	20994	21469	26270	22911	12.74	cps
Iron	57-2	600	556	594	583	4.15	cps
Lead	206-1	995	872	872	913	7.73	cps
Lead	207-1	895	800	772	822	7.79	cps
Lead	208-1	3717	3506	3511	3578	3.36	cps
Lithium	6-1	648260	624918	635455	636211	1.84	cps
Magnesium	24-2	77546	76917	76774	77079	0.53	cps
Manganese	55-2	3510	3357	3374	3414	2.46	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3877-20 Instrumnet Name : P8
 Client Sample ID : DC14266-21-FL3-CLPRE Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:53:09 DataFile Name : 057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	275	217	283	258	14.06	cps
Molybdenum	94-1	483	425	433	447	7.06	cps
Molybdenum	95-1	242	133	158	178	31.91	cps
Molybdenum	96-1	325	225	258	269	18.90	cps
Molybdenum	97-1	200	108	175	161	29.41	cps
Neodymium	150-1	7	53	53	38	71.31	cps
Neodymium	150-2	13	7	10	10	33.30	cps
Nickel	60-2	560	603	553	572	4.74	cps
Phosphorus	31-2	467	558	467	497	10.64	cps
Potassium	39-2	30217	29181	29056	29485	2.16	cps
Rhodium	103-1	6100817	5806401	5942085	5949768	2.48	cps
Rhodium	103-2	2631872	2643677	2624395	2633315	0.37	cps
Scandium	45-1	4626860	4436600	4560158	4541206	2.13	cps
Scandium	45-2	68211	67561	68667	68146	0.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	7	13	10	26.93	cps
Selenium	82-1	-109	-11	23	-32	-212.70	cps
Silicon	28-1	3686036	3602896	3546093	3611675	1.95	cps
Silver	109-1	242	217	267	242	10.34	cps
Silver	107-1	317	242	225	261	18.70	cps
Sodium	23-2	1506647	1487981	1490693	1495107	0.67	cps
Strontium	86-1	51800	52301	51950	52017	0.49	cps
Strontium	88-1	423656	421318	412663	419213	1.38	cps
Sulfur	34-1	386090	386101	384324	385505	0.27	cps
Terbium	159-1	6586665	6142727	6210811	6313401	3.79	cps
Terbium	159-2	2364800	2382427	2375916	2374381	0.38	cps
Thallium	203-1	67	133	133	111	34.64	cps
Thallium	205-1	225	233	158	206	20.00	cps
Tin	118-1	658	500	775	644	21.42	cps
Titanium	47-1	642	533	567	581	9.57	cps
Uranium	238-1	117	100	117	111	8.66	cps
Vanadium	51-2	63	83	53	67	22.92	cps
Yttrium	89-1	6873327	6498714	6709116	6693719	2.81	cps
Yttrium	89-2	418009	418504	414551	417022	0.52	cps
Zinc	66-2	6672	6615	6482	6589	1.48	cps
Zirconium	90-1	1058	1017	883	986	9.27	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3877-20	Instrumnet Name :	P8
Client Sample ID :	DC14266-21-FL3-CLPRE	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:53:09	DataFile Name :	057SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	217	308	236	27.41	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	556379	556656	558071	557035	0.16	cps
Antimony	121-1	3931247	3887165	3928928	3915780	0.63	cps
Arsenic	75-2	97462	96470	98375	97436	0.98	cps
Barium	135-1	3856025	3851352	3866755	3858044	0.20	cps
Barium	137-1	6558834	6567907	6588412	6571718	0.23	cps
Beryllium	9-1	541786	538659	549493	543313	1.03	cps
Bismuth	209-1	3092389	3112031	3111433	3105284	0.36	cps
Bismuth	209-2	1483761	1420378	1406976	1437039	2.85	cps
Boron	11-1	328773	330652	336916	332114	1.28	cps
Boron	10-1	68288	68740	70038	69022	1.32	cps
Cadmium	106-1	90369	90839	92399	91202	1.17	cps
Cadmium	108-1	60334	61436	60799	60857	0.91	cps
Cadmium	111-1	857210	862013	856108	858443	0.37	cps
Calcium	43-1	5591463	5517832	5504095	5537797	0.85	cps
Calcium	44-1	89625808	90229540	89077469	89644272	0.64	cps
Chromium	52-2	800230	800715	805785	802243	0.38	cps
Cobalt	59-2	1576525	1544568	1560681	1560592	1.02	cps
Copper	63-2	2627258	2624738	2637981	2629992	0.27	cps
Dysprosium	156-1	108	117	150	125	17.64	cps
Dysprosium	156-2	10	17	30	19	53.91	cps
Erbium	164-1	75	108	58	81	31.60	cps
Erbium	164-2	30	13	17	20	44.10	cps
Gadolinium	160-1	83	92	158	111	37.00	cps
Gadolinium	160-2	17	57	30	34	59.13	cps
Holmium	165-1	5709646	5649156	5773591	5710798	1.09	cps
Holmium	165-2	2281210	2207337	2140145	2209564	3.19	cps
Indium	115-1	5528928	5513069	5468988	5503662	0.56	cps
Indium	115-2	479961	466203	455089	467084	2.67	cps
Iron	56-2	134533314	135171784	133673942	134459680	0.56	cps
Iron	57-2	3437507	3392548	3403715	3411257	0.69	cps
Lead	206-1	1716849	1688321	1715760	1706977	0.95	cps
Lead	207-1	1520494	1520059	1541507	1527354	0.80	cps
Lead	208-1	6980108	6930429	7018542	6976359	0.63	cps
Lithium	6-1	616862	615854	624014	618910	0.72	cps
Magnesium	24-2	13315811	13479997	13430500	13408769	0.63	cps
Manganese	55-2	477595	477775	479574	478315	0.23	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2964674	2936703	2998913	2966763	1.05	cps
Molybdenum	94-1	3401087	3405248	3376991	3394442	0.45	cps
Molybdenum	95-1	1872382	1886084	1864029	1874165	0.59	cps
Molybdenum	96-1	2361657	2360870	2395758	2372762	0.84	cps
Molybdenum	97-1	1111524	1120575	1123541	1118546	0.56	cps
Neodymium	150-1	120	173	133	142	19.51	cps
Neodymium	150-2	17	17	13	16	12.40	cps
Nickel	60-2	441663	439374	444353	441797	0.56	cps
Phosphorus	31-2	9587	9137	9270	9331	2.48	cps
Potassium	39-2	4793178	4765532	4800431	4786381	0.38	cps
Rhodium	103-1	5359199	5459661	5479106	5432655	1.18	cps
Rhodium	103-2	2360855	2252575	2213656	2275696	3.35	cps
Scandium	45-1	4284093	4291393	4346325	4307270	0.79	cps
Scandium	45-2	64514	62321	60092	62309	3.55	cps
Selenium	77-2	793	740	743	759	3.94	cps
Selenium	78-2	2676	2545	2484	2568	3.83	cps
Selenium	82-1	58677	59156	59767	59200	0.92	cps
Silicon	28-1	2383949	2391625	2400887	2392154	0.35	cps
Silver	109-1	4182078	4196095	4241477	4206550	0.74	cps
Silver	107-1	4417696	4436981	4441904	4432193	0.29	cps
Sodium	23-2	33337747	33047156	33458238	33281047	0.63	cps
Strontium	86-1	1195971	1185085	1191955	1191004	0.46	cps
Strontium	88-1	10384470	10240432	10242459	10289120	0.80	cps
Sulfur	34-1	692288	692687	692806	692594	0.04	cps
Terbium	159-1	6040721	6007341	6164219	6070760	1.36	cps
Terbium	159-2	2297086	2195276	2175152	2222505	2.94	cps
Thallium	203-1	2178172	2179240	2212907	2190106	0.90	cps
Thallium	205-1	5094607	5108382	5245258	5149415	1.62	cps
Tin	118-1	2736334	2736089	2709718	2727380	0.56	cps
Titanium	47-1	569740	572537	566529	569602	0.53	cps
Uranium	238-1	6290420	6148346	6197637	6212135	1.16	cps
Vanadium	51-2	571265	577859	580271	576465	0.81	cps
Yttrium	89-1	6351457	6397688	6349214	6366120	0.43	cps
Yttrium	89-2	393041	373688	367585	378104	3.52	cps
Zinc	66-2	262379	261073	265555	263003	0.88	cps
Zirconium	90-1	6549070	6450829	6497707	6499202	0.76	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV20	Instrumnet Name :	P8
Client Sample ID :	CCV20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:56:16	DataFile Name :	058CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1448403	1435259	1454107	1445923	0.67	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB20 Instrumnet Name : P8
 Client Sample ID : CCB20 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 17:59:15 DataFile Name : 059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	50	33	50.00	cps
Antimony	121-1	683	608	467	586	18.77	cps
Arsenic	75-2	15	6	7	9	52.86	cps
Barium	135-1	33	33	58	42	34.65	cps
Barium	137-1	42	50	17	36	48.03	cps
Beryllium	9-1	78	67	128	91	35.87	cps
Bismuth	209-1	3602882	3491968	3490893	3528581	1.82	cps
Bismuth	209-2	1627578	1635429	1631615	1631541	0.24	cps
Boron	11-1	8895	8103	7519	8172	8.45	cps
Boron	10-1	1850	1817	1442	1703	13.32	cps
Cadmium	106-1	1834	1659	1634	1709	6.38	cps
Cadmium	108-1	0	25	8	11	114.58	cps
Cadmium	111-1	1288	1156	1167	1203	6.08	cps
Calcium	43-1	7261	6644	6944	6949	4.44	cps
Calcium	44-1	77540	77597	75872	77003	1.27	cps
Chromium	52-2	1107	1000	1063	1057	5.08	cps
Cobalt	59-2	57	43	63	54	18.71	cps
Copper	63-2	540	447	420	469	13.44	cps
Dysprosium	156-1	17	33	17	22	43.28	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	33	0	11	173.21	cps
Erbium	164-2	3	10	3	6	69.34	cps
Gadolinium	160-1	92	67	75	78	16.37	cps
Gadolinium	160-2	13	10	10	11	17.30	cps
Holmium	165-1	6094043	6068442	6072657	6078381	0.23	cps
Holmium	165-2	2338330	2341704	2329264	2336433	0.28	cps
Indium	115-1	6129243	6121741	6040583	6097189	0.81	cps
Indium	115-2	521792	526972	522339	523701	0.54	cps
Iron	56-2	4723	4612	4790	4708	1.91	cps
Iron	57-2	89	117	106	104	13.48	cps
Lead	206-1	661	717	778	719	8.12	cps
Lead	207-1	694	483	578	585	18.07	cps
Lead	208-1	3100	2689	2817	2869	7.34	cps
Lithium	6-1	683268	678952	672865	678362	0.77	cps
Magnesium	24-2	100	108	108	106	4.56	cps
Manganese	55-2	70	83	83	79	9.76	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:59:15	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	25	67	58	50	44.10	cps
Molybdenum	94-1	217	300	275	264	16.21	cps
Molybdenum	95-1	17	33	50	33	50.00	cps
Molybdenum	96-1	100	75	108	94	18.37	cps
Molybdenum	97-1	33	25	0	19	89.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	70	53	60	61	13.73	cps
Phosphorus	31-2	25	25	17	22	21.64	cps
Potassium	39-2	7336	7302	7477	7372	1.26	cps
Rhodium	103-1	6114875	6035690	6109623	6086729	0.73	cps
Rhodium	103-2	2637086	2629870	2580762	2615906	1.17	cps
Scandium	45-1	4558342	4507227	4487103	4517557	0.81	cps
Scandium	45-2	64551	67220	67022	66264	2.24	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	11	9	10	10.81	cps
Selenium	82-1	-104	-131	-45	-93	-47.01	cps
Silicon	28-1	383704	373918	376597	378073	1.34	cps
Silver	109-1	317	192	192	233	30.93	cps
Silver	107-1	208	292	192	231	23.24	cps
Sodium	23-2	17895	17311	16485	17231	4.11	cps
Strontium	86-1	2300	2842	2625	2589	10.53	cps
Strontium	88-1	83	125	125	111	21.65	cps
Sulfur	34-1	341087	341717	341261	341355	0.10	cps
Terbium	159-1	6468294	6535122	6445181	6482866	0.72	cps
Terbium	159-2	2382355	2397634	2342269	2374086	1.20	cps
Thallium	203-1	117	208	175	167	27.84	cps
Thallium	205-1	433	358	325	372	14.91	cps
Tin	118-1	1567	1475	2068	1703	18.74	cps
Titanium	47-1	200	208	142	183	19.81	cps
Uranium	238-1	83	58	67	69	18.33	cps
Vanadium	51-2	13	20	7	13	49.99	cps
Yttrium	89-1	6728779	6666731	6722623	6706044	0.51	cps
Yttrium	89-2	406795	404711	405031	405512	0.28	cps
Zinc	66-2	157	93	113	121	26.73	cps
Zirconium	90-1	650	717	708	692	5.25	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB20	Instrumnet Name :	P8
Client Sample ID :	CCB20	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 17:59:15	DataFile Name :	059CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	183	142	158	161	13.02	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : PB100178BL Instrumnet Name : P8
 Client Sample ID : PB100178BL Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 18:02:24 DataFile Name : 060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	17	25	17	50.01	cps
Antimony	121-1	250	233	192	225	13.35	cps
Arsenic	75-2	6	6	7	6	17.29	cps
Barium	135-1	50	17	17	28	69.27	cps
Barium	137-1	83	42	58	61	34.32	cps
Beryllium	9-1	61	100	61	74	30.31	cps
Bismuth	209-1	3528907	3401891	3443408	3458068	1.87	cps
Bismuth	209-2	1567098	1527744	1591126	1561990	2.05	cps
Boron	11-1	4584	4701	4176	4487	6.15	cps
Boron	10-1	867	1008	1008	961	8.51	cps
Cadmium	106-1	1417	1592	1475	1495	5.96	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Cadmium	111-1	1004	1128	1031	1054	6.18	cps
Calcium	43-1	6735	6410	6777	6641	3.02	cps
Calcium	44-1	75571	75964	74724	75420	0.84	cps
Chromium	52-2	1070	1160	1053	1095	5.24	cps
Cobalt	59-2	60	57	87	68	24.26	cps
Copper	63-2	467	497	470	478	3.44	cps
Dysprosium	156-1	0	25	42	22	94.38	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	33	17	0	17	99.99	cps
Erbium	164-2	0	17	3	7	132.33	cps
Gadolinium	160-1	58	67	33	53	32.88	cps
Gadolinium	160-2	37	13	23	24	47.91	cps
Holmium	165-1	5965985	6021389	5913041	5966805	0.91	cps
Holmium	165-2	2256216	2205451	2292846	2251504	1.95	cps
Indium	115-1	5937829	5933641	5943851	5938440	0.09	cps
Indium	115-2	509777	494802	517284	507288	2.26	cps
Iron	56-2	4379	4212	4195	4262	2.38	cps
Iron	57-2	150	89	94	111	30.42	cps
Lead	206-1	472	422	422	439	6.58	cps
Lead	207-1	356	500	461	439	17.03	cps
Lead	208-1	1883	1856	1883	1874	0.86	cps
Lithium	6-1	650473	656167	660414	655685	0.76	cps
Magnesium	24-2	117	58	117	97	34.64	cps
Manganese	55-2	57	100	133	97	39.77	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BL	Instrumnet Name :	P8
Client Sample ID :	PB100178BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:02:24	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	33	17	25	25	33.32	cps
Molybdenum	94-1	200	325	233	253	25.61	cps
Molybdenum	95-1	25	33	8	22	57.29	cps
Molybdenum	96-1	100	92	67	86	20.15	cps
Molybdenum	97-1	17	25	25	22	21.64	cps
Neodymium	150-1	13	13	7	11	34.61	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	43	40	67	50	29.06	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	6919	6460	6985	6788	4.21	cps
Rhodium	103-1	5999961	5942199	5899426	5947195	0.85	cps
Rhodium	103-2	2555368	2466345	2552271	2524661	2.00	cps
Scandium	45-1	4489983	4514477	4477920	4494126	0.41	cps
Scandium	45-2	65094	63018	65977	64696	2.35	cps
Selenium	77-2	10	3	0	4	114.60	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-61	-70	115	-6	-1854.47	cps
Silicon	28-1	383416	376834	373166	377806	1.37	cps
Silver	109-1	167	167	100	144	26.65	cps
Silver	107-1	175	167	100	147	27.92	cps
Sodium	23-2	13932	13398	13423	13585	2.22	cps
Strontium	86-1	2700	2659	2525	2628	3.48	cps
Strontium	88-1	183	125	50	119	55.96	cps
Sulfur	34-1	344031	347181	343789	345000	0.55	cps
Terbium	159-1	6338401	6401765	6376236	6372134	0.50	cps
Terbium	159-2	2332973	2201792	2314321	2283029	3.11	cps
Thallium	203-1	83	25	83	64	52.72	cps
Thallium	205-1	117	192	150	153	24.60	cps
Tin	118-1	1475	1192	1375	1347	10.67	cps
Titanium	47-1	167	150	217	178	19.52	cps
Uranium	238-1	33	50	33	39	24.75	cps
Vanadium	51-2	3	13	20	12	68.66	cps
Yttrium	89-1	6724157	6679218	6584290	6662555	1.07	cps
Yttrium	89-2	398443	383961	403286	395230	2.54	cps
Zinc	66-2	277	293	257	276	6.66	cps
Zirconium	90-1	692	575	567	611	11.44	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BL	Instrumnet Name :	P8
Client Sample ID :	PB100178BL	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:02:24	DataFile Name :	060CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	100	150	167	139	24.98	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111999	110799	108127	110308	1.80	cps
Antimony	121-1	3999739	4040348	4024756	4021614	0.51	cps
Arsenic	75-2	100913	99693	100115	100240	0.62	cps
Barium	135-1	3907314	3958453	3975024	3946931	0.89	cps
Barium	137-1	6626601	6729329	6649862	6668597	0.81	cps
Beryllium	9-1	527789	540241	536720	534916	1.20	cps
Bismuth	209-1	3207943	3234042	3261838	3234607	0.83	cps
Bismuth	209-2	1513170	1490395	1494338	1499301	0.81	cps
Boron	11-1	317429	325801	333660	325630	2.49	cps
Boron	10-1	65743	68146	68556	67482	2.25	cps
Cadmium	106-1	92340	93842	93171	93118	0.81	cps
Cadmium	108-1	61419	63537	64010	62988	2.19	cps
Cadmium	111-1	886313	892313	898611	892412	0.69	cps
Calcium	43-1	1159074	1136139	1144838	1146684	1.01	cps
Calcium	44-1	18646911	18724042	18616897	18662617	0.30	cps
Chromium	52-2	807985	810112	803602	807233	0.41	cps
Cobalt	59-2	1609686	1639793	1591125	1613535	1.52	cps
Copper	63-2	2777354	2719578	2733569	2743500	1.10	cps
Dysprosium	156-1	58	67	58	61	7.87	cps
Dysprosium	156-2	10	20	13	14	35.26	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	7	13	10	10	33.30	cps
Gadolinium	160-1	50	117	92	86	39.11	cps
Gadolinium	160-2	20	27	13	20	33.35	cps
Holmium	165-1	5626015	5798957	5768851	5731274	1.61	cps
Holmium	165-2	2237399	2212758	2178408	2209522	1.34	cps
Indium	115-1	5573049	5557933	5645868	5592283	0.84	cps
Indium	115-2	492148	489255	488198	489867	0.42	cps
Iron	56-2	28249708	28086832	27672796	28003112	1.06	cps
Iron	57-2	698074	690548	687533	692052	0.78	cps
Lead	206-1	1794134	1855555	1814907	1821532	1.72	cps
Lead	207-1	1560367	1599458	1591907	1583911	1.31	cps
Lead	208-1	7168518	7367461	7344196	7293392	1.49	cps
Lithium	6-1	605024	615659	618955	613213	1.19	cps
Magnesium	24-2	2819137	2758853	2808404	2795465	1.15	cps
Manganese	55-2	489368	487035	488530	488311	0.24	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2970327	2959558	2994744	2974876	0.61	cps
Molybdenum	94-1	3430766	3459682	3443793	3444747	0.42	cps
Molybdenum	95-1	1901245	1893396	1921441	1905361	0.76	cps
Molybdenum	96-1	2404781	2378538	2449595	2410971	1.49	cps
Molybdenum	97-1	1120488	1135767	1134827	1130361	0.76	cps
Neodymium	150-1	100	127	93	107	16.53	cps
Neodymium	150-2	20	10	3	11	75.52	cps
Nickel	60-2	458770	454835	450231	454612	0.94	cps
Phosphorus	31-2	9445	9737	9579	9587	1.52	cps
Potassium	39-2	995508	982569	983789	987289	0.72	cps
Rhodium	103-1	5483270	5557969	5592538	5544592	1.01	cps
Rhodium	103-2	2457528	2419349	2450603	2442493	0.83	cps
Scandium	45-1	4255456	4337108	4341461	4311342	1.12	cps
Scandium	45-2	64300	63845	64286	64143	0.40	cps
Selenium	77-2	707	833	773	771	8.22	cps
Selenium	78-2	2685	2602	2667	2652	1.65	cps
Selenium	82-1	60983	61680	60745	61136	0.79	cps
Silicon	28-1	2399296	2434553	2432998	2422282	0.82	cps
Silver	109-1	4322662	4413525	4425470	4387219	1.28	cps
Silver	107-1	4615622	4751155	4648862	4671879	1.51	cps
Sodium	23-2	6929435	6830979	6891243	6883885	0.72	cps
Strontium	86-1	1178020	1200840	1178408	1185756	1.10	cps
Strontium	88-1	10136520	10480004	10282319	10299614	1.67	cps
Sulfur	34-1	684569	676155	683851	681525	0.68	cps
Terbium	159-1	6116404	6129030	6120484	6121973	0.11	cps
Terbium	159-2	2247693	2254872	2253621	2252062	0.17	cps
Thallium	203-1	2250544	2329192	2283541	2287759	1.73	cps
Thallium	205-1	5296344	5442223	5318846	5352471	1.47	cps
Tin	118-1	2781940	2793956	2792760	2789552	0.24	cps
Titanium	47-1	578789	580289	570729	576602	0.89	cps
Uranium	238-1	6269648	6297779	6308552	6291993	0.32	cps
Vanadium	51-2	583672	577619	578977	580089	0.55	cps
Yttrium	89-1	6451988	6449609	6359730	6420442	0.82	cps
Yttrium	89-2	391481	391026	387945	390151	0.49	cps
Zinc	66-2	273513	274509	273452	273824	0.22	cps
Zirconium	90-1	6495947	6519849	6573171	6529656	0.61	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BS	Instrumnet Name :	P8
Client Sample ID :	PB100178BS	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:05:34	DataFile Name :	061LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1464629	1471560	1465493	1467227	0.26	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111485	108521	110864	110290	1.42	cps
Antimony	121-1	4031061	4019680	3977211	4009317	0.71	cps
Arsenic	75-2	100678	101236	100154	100689	0.54	cps
Barium	135-1	4007963	3919223	3889939	3939042	1.56	cps
Barium	137-1	6799842	6538758	6593131	6643910	2.07	cps
Beryllium	9-1	530074	531882	527176	529710	0.45	cps
Bismuth	209-1	3264938	3203853	3238095	3235629	0.95	cps
Bismuth	209-2	1502355	1433217	1486599	1474057	2.46	cps
Boron	11-1	320768	328016	328439	325741	1.32	cps
Boron	10-1	67141	68289	68464	67965	1.06	cps
Cadmium	106-1	94765	94152	94279	94399	0.34	cps
Cadmium	108-1	62750	62917	62762	62810	0.15	cps
Cadmium	111-1	902641	894810	894243	897231	0.52	cps
Calcium	43-1	1146516	1155068	1140976	1147520	0.62	cps
Calcium	44-1	18535606	18446587	18599420	18527204	0.41	cps
Chromium	52-2	807750	808846	806645	807747	0.14	cps
Cobalt	59-2	1607682	1617263	1619527	1614824	0.39	cps
Copper	63-2	2723488	2773963	2748482	2748644	0.92	cps
Dysprosium	156-1	42	92	67	67	37.50	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	42	67	33	47	36.74	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	58	83	108	83	30.00	cps
Gadolinium	160-2	23	13	27	21	32.88	cps
Holmium	165-1	5695091	5601298	5653639	5650009	0.83	cps
Holmium	165-2	2244570	2140068	2221244	2201961	2.49	cps
Indium	115-1	5652153	5608409	5601401	5620654	0.49	cps
Indium	115-2	491459	466074	478264	478599	2.65	cps
Iron	56-2	27946186	28029735	27820726	27932215	0.38	cps
Iron	57-2	695653	689117	698044	694271	0.67	cps
Lead	206-1	1833047	1773042	1794386	1800158	1.69	cps
Lead	207-1	1589079	1566238	1570597	1575305	0.77	cps
Lead	208-1	7333689	7239702	7264472	7279288	0.67	cps
Lithium	6-1	605114	604898	609141	606384	0.39	cps
Magnesium	24-2	2805595	2796217	2799188	2800333	0.17	cps
Manganese	55-2	491374	489911	484922	488736	0.69	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	3018653	2991258	2954862	2988258	1.07	cps
Molybdenum	94-1	3413446	3426930	3462659	3434345	0.74	cps
Molybdenum	95-1	1913977	1876217	1869358	1886517	1.27	cps
Molybdenum	96-1	2403616	2392145	2383753	2393171	0.42	cps
Molybdenum	97-1	1132265	1135540	1129303	1132370	0.28	cps
Neodymium	150-1	120	133	67	107	33.07	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	456225	459138	454981	456781	0.47	cps
Phosphorus	31-2	8886	9670	9687	9415	4.86	cps
Potassium	39-2	996879	991739	992999	993872	0.27	cps
Rhodium	103-1	5608573	5577786	5583256	5589872	0.29	cps
Rhodium	103-2	2417513	2304635	2316289	2346146	2.65	cps
Scandium	45-1	4291979	4332496	4317662	4314045	0.48	cps
Scandium	45-2	64691	62271	63151	63371	1.93	cps
Selenium	77-2	700	747	890	779	12.71	cps
Selenium	78-2	2656	2784	2737	2726	2.37	cps
Selenium	82-1	61127	60588	60551	60756	0.53	cps
Silicon	28-1	2373498	2399560	2389709	2387589	0.55	cps
Silver	109-1	4382499	4356109	4393316	4377308	0.44	cps
Silver	107-1	4634533	4639950	4630555	4635013	0.10	cps
Sodium	23-2	6900449	6927364	6916654	6914822	0.20	cps
Strontium	86-1	1179859	1184497	1188008	1184122	0.35	cps
Strontium	88-1	10244596	10063250	10244418	10184088	1.03	cps
Sulfur	34-1	671752	671504	670188	671148	0.13	cps
Terbium	159-1	6030367	6068334	5971556	6023419	0.81	cps
Terbium	159-2	2253786	2187600	2194662	2212016	1.64	cps
Thallium	203-1	2255133	2199458	2244053	2232881	1.32	cps
Thallium	205-1	5283470	5239235	5313810	5278838	0.71	cps
Tin	118-1	2805053	2725707	2760216	2763659	1.44	cps
Titanium	47-1	575018	567169	570953	571047	0.69	cps
Uranium	238-1	6314772	6118314	6257360	6230149	1.62	cps
Vanadium	51-2	584984	582865	582889	583579	0.21	cps
Yttrium	89-1	6400873	6324793	6450298	6391988	0.99	cps
Yttrium	89-2	388600	377498	380722	382273	1.49	cps
Zinc	66-2	271933	276828	275739	274833	0.94	cps
Zirconium	90-1	6488093	6469300	6511465	6489619	0.33	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	PB100178BSD	Instrumnet Name :	P8
Client Sample ID :	PB100178BSD	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:08:33	DataFile Name :	062LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1454964	1443618	1473957	1457513	1.05	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	817	800	875	831	4.74	cps
Antimony	121-1	708	733	633	692	7.52	cps
Arsenic	75-2	65	63	72	67	7.35	cps
Barium	135-1	1773961	1784097	1776984	1778348	0.29	cps
Barium	137-1	2999642	3030163	3017433	3015746	0.51	cps
Beryllium	9-1	133	106	111	117	12.60	cps
Bismuth	209-1	3056854	3057977	3041607	3052146	0.30	cps
Bismuth	209-2	1407207	1436065	1433324	1425532	1.12	cps
Boron	11-1	21492	19464	17670	19542	9.78	cps
Boron	10-1	4443	4259	3876	4192	6.90	cps
Cadmium	106-1	1575	1750	1617	1647	5.55	cps
Cadmium	108-1	63	42	54	53	19.86	cps
Cadmium	111-1	1138	1254	1190	1194	4.88	cps
Calcium	43-1	3167129	3150914	3218326	3178790	1.11	cps
Calcium	44-1	50776123	50832532	51257528	50955395	0.52	cps
Chromium	52-2	2950	2824	3000	2925	3.11	cps
Cobalt	59-2	530	510	663	568	14.68	cps
Copper	63-2	64221	62684	63514	63473	1.21	cps
Dysprosium	156-1	233	258	225	239	7.26	cps
Dysprosium	156-2	103	133	120	119	12.64	cps
Erbium	164-1	225	250	175	217	17.63	cps
Erbium	164-2	90	127	97	104	18.70	cps
Gadolinium	160-1	250	317	417	328	25.59	cps
Gadolinium	160-2	120	110	157	129	19.06	cps
Holmium	165-1	5393175	5404712	5416640	5404842	0.22	cps
Holmium	165-2	2151642	2163873	2165777	2160431	0.36	cps
Indium	115-1	5555256	5598233	5537403	5563631	0.56	cps
Indium	115-2	486444	489102	499387	491644	1.39	cps
Iron	56-2	98400	99570	98574	98848	0.64	cps
Iron	57-2	2639	2811	2739	2730	3.17	cps
Lead	206-1	1761	1811	1745	1772	1.96	cps
Lead	207-1	1406	1367	1278	1350	4.85	cps
Lead	208-1	6506	6390	6340	6412	1.33	cps
Lithium	6-1	569572	567832	574836	570747	0.64	cps
Magnesium	24-2	814740	811804	823800	816782	0.77	cps
Manganese	55-2	8153	8466	8463	8360	2.15	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1250	1242	1208	1233	1.79	cps
Molybdenum	94-1	17370	16219	15985	16525	4.49	cps
Molybdenum	95-1	783	717	675	725	7.54	cps
Molybdenum	96-1	3467	3309	3367	3381	2.37	cps
Molybdenum	97-1	492	508	533	511	4.10	cps
Neodymium	150-1	387	440	507	444	13.53	cps
Neodymium	150-2	110	97	97	101	7.61	cps
Nickel	60-2	1360	1303	1327	1330	2.14	cps
Phosphorus	31-2	308	342	308	319	6.03	cps
Potassium	39-2	1075927	1075157	1087826	1079637	0.66	cps
Rhodium	103-1	5483809	5561274	5613971	5553018	1.18	cps
Rhodium	103-2	2384497	2476768	2472117	2444461	2.13	cps
Scandium	45-1	4348074	4369304	4375164	4364180	0.33	cps
Scandium	45-2	63858	65773	68606	66079	3.62	cps
Selenium	77-2	0	0	7	2	173.21	cps
Selenium	78-2	2	7	6	5	57.32	cps
Selenium	82-1	80	55	35	57	39.35	cps
Silicon	28-1	4710850	4285824	4411160	4469278	4.89	cps
Silver	109-1	483	467	525	492	6.11	cps
Silver	107-1	517	508	592	539	8.52	cps
Sodium	23-2	936763	940769	943141	940224	0.34	cps
Strontium	86-1	2257232	2259791	2291237	2269420	0.83	cps
Strontium	88-1	18717126	18916987	19164057	18932724	1.18	cps
Sulfur	34-1	409829	409182	415225	411412	0.81	cps
Terbium	159-1	5787097	5807421	5811601	5802040	0.23	cps
Terbium	159-2	2168463	2162015	2199087	2176522	0.91	cps
Thallium	203-1	383	458	400	414	9.52	cps
Thallium	205-1	1200	1033	1033	1089	8.84	cps
Tin	118-1	18672	19115	19023	18937	1.23	cps
Titanium	47-1	5126	5293	5593	5337	4.43	cps
Uranium	238-1	2084	1950	1767	1934	8.22	cps
Vanadium	51-2	1067	1033	1030	1043	1.94	cps
Yttrium	89-1	6353263	6228884	6367926	6316691	1.21	cps
Yttrium	89-2	388848	395916	400705	395156	1.51	cps
Zinc	66-2	2517	2484	2637	2546	3.17	cps
Zirconium	90-1	44264	43445	43304	43671	1.19	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-01	Instrumnet Name :	P8
Client Sample ID :	1706165525	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:11:33	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	10254	9229	9345	9609	5.84	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	29841	28471	28154	28822	3.11	cps
Antimony	121-1	4801	4584	4684	4690	2.31	cps
Arsenic	75-2	413	463	456	444	6.08	cps
Barium	135-1	198199	200153	196683	198345	0.88	cps
Barium	137-1	341837	347310	343200	344116	0.83	cps
Beryllium	9-1	339	294	300	311	7.78	cps
Bismuth	209-1	2974700	3025152	3042535	3014129	1.17	cps
Bismuth	209-2	1436560	1431766	1331050	1399792	4.26	cps
Boron	11-1	272434	275419	274151	274002	0.55	cps
Boron	10-1	57198	58537	57315	57683	1.29	cps
Cadmium	106-1	2475	2667	2425	2523	5.06	cps
Cadmium	108-1	542	671	558	590	11.90	cps
Cadmium	111-1	9114	9271	9339	9241	1.24	cps
Calcium	43-1	4261211	4341769	4389050	4330677	1.49	cps
Calcium	44-1	68815660	69978393	70478772	69757609	1.22	cps
Chromium	52-2	21133	20712	20909	20918	1.01	cps
Cobalt	59-2	9020	9090	8773	8961	1.86	cps
Copper	63-2	287541	288084	292599	289408	0.96	cps
Dysprosium	156-1	3476	3226	3542	3415	4.89	cps
Dysprosium	156-2	1433	1303	1443	1393	5.61	cps
Erbium	164-1	2967	2667	2784	2806	5.39	cps
Erbium	164-2	1053	1010	1150	1071	6.69	cps
Gadolinium	160-1	3342	3717	2959	3339	11.36	cps
Gadolinium	160-2	1590	1613	1730	1645	4.56	cps
Holmium	165-1	5586027	5614031	5567682	5589247	0.42	cps
Holmium	165-2	2240657	2225926	2073815	2180133	4.24	cps
Indium	115-1	5520934	5496057	5497106	5504699	0.26	cps
Indium	115-2	485305	483114	451965	473461	3.94	cps
Iron	56-2	5574353	5531034	5554909	5553432	0.39	cps
Iron	57-2	135806	137751	138122	137226	0.91	cps
Lead	206-1	23951	24391	23539	23960	1.78	cps
Lead	207-1	20272	19226	20033	19844	2.76	cps
Lead	208-1	93213	92383	93276	92957	0.54	cps
Lithium	6-1	588985	592524	589568	590359	0.32	cps
Magnesium	24-2	2311847	2248126	2248103	2269359	1.62	cps
Manganese	55-2	260749	258670	260179	259866	0.41	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	28147	27738	27295	27727	1.54	cps
Molybdenum	94-1	19281	19123	18739	19048	1.46	cps
Molybdenum	95-1	17562	17103	18138	17601	2.94	cps
Molybdenum	96-1	19665	20124	19457	19749	1.73	cps
Molybdenum	97-1	10922	11480	10563	10988	4.21	cps
Neodymium	150-1	5014	4788	4774	4859	2.78	cps
Neodymium	150-2	1227	1300	1180	1236	4.90	cps
Nickel	60-2	15105	15859	15409	15458	2.45	cps
Phosphorus	31-2	41629	42406	42473	42169	1.11	cps
Potassium	39-2	10358790	10407626	10358254	10374890	0.27	cps
Rhodium	103-1	5477728	5414910	5442300	5444979	0.58	cps
Rhodium	103-2	2371075	2400285	2217233	2329531	4.22	cps
Scandium	45-1	4286103	4290430	4340825	4305786	0.71	cps
Scandium	45-2	64293	63452	60377	62707	3.29	cps
Selenium	77-2	23	3	23	17	69.30	cps
Selenium	78-2	6	7	22	12	77.85	cps
Selenium	82-1	31	188	37	85	104.41	cps
Silicon	28-1	9296694	9200675	9184080	9227150	0.66	cps
Silver	109-1	975	667	1283	975	31.63	cps
Silver	107-1	967	1167	1150	1095	10.14	cps
Sodium	23-2	36984982	36610574	36553240	36716265	0.64	cps
Strontium	86-1	836253	838612	846751	840539	0.66	cps
Strontium	88-1	7249053	7198739	7264858	7237550	0.48	cps
Sulfur	34-1	1625922	1643836	1663463	1644407	1.14	cps
Terbium	159-1	5883203	6037611	5896932	5939249	1.44	cps
Terbium	159-2	2269542	2253000	2099792	2207445	4.24	cps
Thallium	203-1	558	667	608	611	8.87	cps
Thallium	205-1	1308	1300	1600	1403	12.18	cps
Tin	118-1	11814	12690	11822	12109	4.16	cps
Titanium	47-1	59017	60950	58624	59531	2.09	cps
Uranium	238-1	1367	1450	1459	1425	3.56	cps
Vanadium	51-2	6672	6528	6518	6573	1.31	cps
Yttrium	89-1	6288758	6371431	6449638	6369942	1.26	cps
Yttrium	89-2	393768	399931	369239	387646	4.19	cps
Zinc	66-2	153171	152070	152774	152672	0.37	cps
Zirconium	90-1	24707	25057	25233	24999	1.07	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3923-02	Instrumnet Name :	P8
Client Sample ID :	17K2758	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:14:40	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	5860	5268	5776	5635	5.69	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : I3924-01 Instrumnet Name : P8
 Client Sample ID : 1706195526-27-COMP Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 18:17:46 DataFile Name : 065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	292	333	333	319	7.53	cps
Antimony	121-1	317	292	358	322	10.45	cps
Arsenic	75-2	104	124	119	115	9.12	cps
Barium	135-1	1917	1900	2084	1967	5.15	cps
Barium	137-1	3226	3334	3101	3220	3.63	cps
Beryllium	9-1	111	67	67	81	31.49	cps
Bismuth	209-1	3263705	3317234	3298789	3293243	0.83	cps
Bismuth	209-2	1545796	1559599	1519081	1541492	1.34	cps
Boron	11-1	11213	10471	10404	10696	4.20	cps
Boron	10-1	2234	2184	2317	2245	3.00	cps
Cadmium	106-1	1634	1533	1567	1578	3.23	cps
Cadmium	108-1	21	8	25	18	48.05	cps
Cadmium	111-1	1133	1093	1096	1107	2.03	cps
Calcium	43-1	22745	21984	23103	22611	2.53	cps
Calcium	44-1	518803	517715	519216	518578	0.15	cps
Chromium	52-2	3854	3734	4197	3928	6.12	cps
Cobalt	59-2	237	273	227	246	10.01	cps
Copper	63-2	1947	2087	2087	2040	3.96	cps
Dysprosium	156-1	67	42	58	56	22.91	cps
Dysprosium	156-2	7	0	13	7	99.98	cps
Erbium	164-1	33	25	50	36	35.25	cps
Erbium	164-2	20	13	7	13	49.99	cps
Gadolinium	160-1	83	75	75	78	6.19	cps
Gadolinium	160-2	20	20	27	22	17.33	cps
Holmium	165-1	5780858	5763385	5783418	5775887	0.19	cps
Holmium	165-2	2255707	2303826	2254153	2271229	1.24	cps
Indium	115-1	5855020	5819669	5921813	5865501	0.88	cps
Indium	115-2	518394	515801	512428	515541	0.58	cps
Iron	56-2	65654	64539	64404	64866	1.06	cps
Iron	57-2	1589	1667	1728	1661	4.19	cps
Lead	206-1	983	922	828	911	8.60	cps
Lead	207-1	744	733	772	750	2.67	cps
Lead	208-1	3611	3561	3428	3534	2.68	cps
Lithium	6-1	633495	643203	633051	636583	0.90	cps
Magnesium	24-2	80863	78969	80620	80151	1.29	cps
Manganese	55-2	4137	4377	4357	4291	3.10	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-01	Instrumnet Name :	P8
Client Sample ID :	1706195526-27-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:17:46	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	1884	2025	2117	2009	5.85	cps
Molybdenum	94-1	1075	958	892	975	9.52	cps
Molybdenum	95-1	1400	942	1117	1153	20.06	cps
Molybdenum	96-1	1358	1267	1408	1345	5.34	cps
Molybdenum	97-1	800	725	600	708	14.26	cps
Neodymium	150-1	27	20	13	20	33.35	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	700	693	660	684	3.13	cps
Phosphorus	31-2	7102	6694	6785	6860	3.12	cps
Potassium	39-2	192204	189087	186623	189305	1.48	cps
Rhodium	103-1	5962689	5930731	5960379	5951266	0.30	cps
Rhodium	103-2	2555306	2596039	2512090	2554478	1.64	cps
Scandium	45-1	4528490	4564829	4584912	4559410	0.63	cps
Scandium	45-2	67314	67705	64748	66589	2.41	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	2	6	7	5	57.32	cps
Selenium	82-1	-40	34	69	21	265.36	cps
Silicon	28-1	3530927	3526152	3520494	3525857	0.15	cps
Silver	109-1	292	433	333	353	20.64	cps
Silver	107-1	433	367	408	403	8.36	cps
Sodium	23-2	326538	327895	325444	326625	0.38	cps
Strontium	86-1	4768	4801	4751	4773	0.53	cps
Strontium	88-1	20641	19615	20032	20096	2.57	cps
Sulfur	34-1	598958	594829	588936	594241	0.85	cps
Terbium	159-1	6083310	6244467	6133805	6153861	1.34	cps
Terbium	159-2	2301640	2325284	2293685	2306870	0.71	cps
Thallium	203-1	117	58	108	94	33.40	cps
Thallium	205-1	325	133	250	236	40.91	cps
Tin	118-1	7878	8019	7444	7780	3.85	cps
Titanium	47-1	3667	3551	3709	3642	2.25	cps
Uranium	238-1	33	58	67	53	32.88	cps
Vanadium	51-2	110	150	117	126	17.07	cps
Yttrium	89-1	6707174	6675441	6566919	6649844	1.11	cps
Yttrium	89-2	406336	408179	401159	405225	0.90	cps
Zinc	66-2	2130	2084	2000	2071	3.18	cps
Zirconium	90-1	1000	750	792	847	15.81	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-01	Instrumnet Name :	P8
Client Sample ID :	1706195526-27-COMP	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:17:46	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	192	267	233	231	16.30	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2784	2792	2817	2798	0.62	cps
Antimony	121-1	5035	5026	4893	4985	1.60	cps
Arsenic	75-2	554	583	613	583	5.08	cps
Barium	135-1	783	708	725	739	5.33	cps
Barium	137-1	992	933	1025	983	4.72	cps
Beryllium	9-1	167	250	200	206	20.41	cps
Bismuth	209-1	2487645	2499034	2534520	2507066	0.98	cps
Bismuth	209-2	1201702	1197787	1184168	1194552	0.77	cps
Boron	11-1	457650	478023	498303	477992	4.25	cps
Boron	10-1	93060	95727	99410	96066	3.32	cps
Cadmium	106-1	1717	1659	1725	1700	2.14	cps
Cadmium	108-1	75	100	63	79	24.12	cps
Cadmium	111-1	1983	2016	1960	1986	1.42	cps
Calcium	43-1	178710	177113	181058	178960	1.11	cps
Calcium	44-1	3046087	3012554	3030547	3029729	0.55	cps
Chromium	52-2	40756	40864	40174	40598	0.91	cps
Cobalt	59-2	3921	3921	3921	3921	0.00	cps
Copper	63-2	14131	13870	13940	13981	0.96	cps
Dysprosium	156-1	6193	6310	6735	6413	4.45	cps
Dysprosium	156-2	3340	3197	2947	3162	6.30	cps
Erbium	164-1	9070	8628	9195	8965	3.32	cps
Erbium	164-2	3277	3107	3394	3259	4.42	cps
Gadolinium	160-1	7736	7452	7903	7697	2.96	cps
Gadolinium	160-2	3564	3677	3837	3693	3.72	cps
Holmium	165-1	4793244	4860654	4843886	4832594	0.73	cps
Holmium	165-2	1915235	1966342	1923289	1934955	1.42	cps
Indium	115-1	4853442	4915429	4911132	4893334	0.71	cps
Indium	115-2	440438	434587	440016	438347	0.74	cps
Iron	56-2	503898	504254	502719	503624	0.16	cps
Iron	57-2	12645	12973	12706	12775	1.37	cps
Lead	206-1	2261	2156	2178	2198	2.53	cps
Lead	207-1	1734	1878	1784	1798	4.08	cps
Lead	208-1	8196	8385	8407	8329	1.39	cps
Lithium	6-1	533502	543512	543141	540051	1.05	cps
Magnesium	24-2	64291679	64512370	64973343	64592464	0.54	cps
Manganese	55-2	70936	69656	70959	70517	1.06	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	21952	21192	22344	21830	2.68	cps
Molybdenum	94-1	13332	13365	14258	13652	3.85	cps
Molybdenum	95-1	13274	13307	13774	13452	2.08	cps
Molybdenum	96-1	15009	16202	15418	15543	3.90	cps
Molybdenum	97-1	8987	8645	8553	8728	2.62	cps
Neodymium	150-1	7249	7135	7449	7278	2.18	cps
Neodymium	150-2	1840	1994	1757	1864	6.44	cps
Nickel	60-2	19714	19424	19931	19690	1.29	cps
Phosphorus	31-2	450	408	350	403	12.47	cps
Potassium	39-2	10638	11138	10413	10730	3.46	cps
Rhodium	103-1	4827673	4917621	4935222	4893505	1.18	cps
Rhodium	103-2	2208715	2184144	2235819	2209559	1.17	cps
Scandium	45-1	4104138	4102966	4210812	4139305	1.50	cps
Scandium	45-2	64759	63620	64788	64389	1.03	cps
Selenium	77-2	17	10	33	20	60.08	cps
Selenium	78-2	20	19	31	23	29.88	cps
Selenium	82-1	-76	53	14	-3	-2342.24	cps
Silicon	28-1	4825308	4700663	4775839	4767270	1.32	cps
Silver	109-1	167	175	300	214	34.92	cps
Silver	107-1	242	333	283	286	16.04	cps
Sodium	23-2	308962	304808	311544	308438	1.10	cps
Strontium	86-1	46848	46154	47383	46795	1.32	cps
Strontium	88-1	369020	377541	375068	373876	1.17	cps
Sulfur	34-1	708208	717566	736899	720891	2.03	cps
Terbium	159-1	5058372	5146603	5192500	5132492	1.33	cps
Terbium	159-2	1961884	1940438	1937599	1946640	0.68	cps
Thallium	203-1	67	108	75	83	26.46	cps
Thallium	205-1	108	108	108	108	0.00	cps
Tin	118-1	14033	14267	14951	14417	3.31	cps
Titanium	47-1	16160	14900	16611	15890	5.58	cps
Uranium	238-1	6602	6994	6710	6769	2.99	cps
Vanadium	51-2	39365	38731	39406	39167	0.97	cps
Yttrium	89-1	6346621	6255568	6374820	6325670	0.99	cps
Yttrium	89-2	401564	402338	404200	402701	0.34	cps
Zinc	66-2	8649	8853	8650	8717	1.35	cps
Zirconium	90-1	16494	17420	17170	17028	2.81	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	I3924-02	Instrumnet Name :	P8
Client Sample ID :	69234M	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:20:54	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	3709	4059	3826	3865	4.61	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	580262	577544	580189	579331	0.27	cps
Antimony	121-1	3837846	3908966	3833154	3859988	1.10	cps
Arsenic	75-2	99941	100460	100609	100337	0.35	cps
Barium	135-1	3734657	3820675	3830322	3795218	1.39	cps
Barium	137-1	6396844	6496741	6453318	6448967	0.78	cps
Beryllium	9-1	523632	525695	527405	525577	0.36	cps
Bismuth	209-1	2884916	2932060	2958367	2925114	1.27	cps
Bismuth	209-2	1380684	1390791	1380263	1383913	0.43	cps
Boron	11-1	317647	322829	330527	323667	2.00	cps
Boron	10-1	66757	67117	68857	67577	1.66	cps
Cadmium	106-1	90042	89513	89531	89695	0.34	cps
Cadmium	108-1	58953	60100	59996	59683	1.06	cps
Cadmium	111-1	840775	839676	846069	842173	0.41	cps
Calcium	43-1	5630653	5635933	5697766	5654784	0.66	cps
Calcium	44-1	90993265	91858362	90799979	91217202	0.62	cps
Chromium	52-2	835096	835287	835929	835437	0.05	cps
Cobalt	59-2	1615286	1614349	1604995	1611544	0.35	cps
Copper	63-2	2657188	2691453	2677183	2675274	0.64	cps
Dysprosium	156-1	92	100	117	103	12.39	cps
Dysprosium	156-2	20	37	17	24	43.83	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	20	27	10	19	44.42	cps
Gadolinium	160-1	125	92	108	108	15.39	cps
Gadolinium	160-2	30	57	53	47	31.14	cps
Holmium	165-1	5352706	5437154	5442397	5410752	0.93	cps
Holmium	165-2	2164243	2168176	2136622	2156347	0.80	cps
Indium	115-1	5283808	5359716	5305790	5316438	0.73	cps
Indium	115-2	471476	471818	475404	472899	0.46	cps
Iron	56-2	138633150	136979498	139600859	138404502	0.96	cps
Iron	57-2	3477062	3485475	3519211	3493916	0.64	cps
Lead	206-1	1615605	1623147	1635454	1624735	0.62	cps
Lead	207-1	1456505	1456384	1473685	1462191	0.68	cps
Lead	208-1	6643131	6668540	6746394	6686022	0.80	cps
Lithium	6-1	549881	563824	575341	563016	2.26	cps
Magnesium	24-2	13989974	13954026	13990112	13978037	0.15	cps
Manganese	55-2	495278	494872	500232	496794	0.60	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	2943957	2912959	2966060	2940992	0.91	cps
Molybdenum	94-1	3404838	3429974	3403483	3412765	0.44	cps
Molybdenum	95-1	1874393	1866555	1887869	1876272	0.57	cps
Molybdenum	96-1	2355529	2371331	2406694	2377851	1.10	cps
Molybdenum	97-1	1107510	1106112	1119092	1110905	0.64	cps
Neodymium	150-1	147	187	107	147	27.27	cps
Neodymium	150-2	13	13	7	11	34.61	cps
Nickel	60-2	455124	452720	455228	454357	0.31	cps
Phosphorus	31-2	9787	10396	10054	10079	3.03	cps
Potassium	39-2	5061630	5010874	5077746	5050083	0.69	cps
Rhodium	103-1	5279247	5178982	5286778	5248336	1.15	cps
Rhodium	103-2	2296938	2340630	2299071	2312213	1.07	cps
Scandium	45-1	4260972	4319922	4325924	4302273	0.83	cps
Scandium	45-2	65927	65585	66714	66076	0.88	cps
Selenium	77-2	803	830	823	819	1.69	cps
Selenium	78-2	2671	2648	2697	2672	0.90	cps
Selenium	82-1	58687	59612	59797	59366	1.00	cps
Silicon	28-1	2392304	2374015	2443869	2403396	1.51	cps
Silver	109-1	4100739	4127479	4135688	4121302	0.44	cps
Silver	107-1	4376434	4361852	4404455	4380914	0.49	cps
Sodium	23-2	34522504	34487485	34695703	34568564	0.32	cps
Strontium	86-1	1197359	1201390	1192784	1197178	0.36	cps
Strontium	88-1	10396240	10356568	10271133	10341313	0.62	cps
Sulfur	34-1	707147	699236	703930	703437	0.57	cps
Terbium	159-1	5721925	5777470	5780348	5759914	0.57	cps
Terbium	159-2	2186766	2132630	2174301	2164566	1.31	cps
Thallium	203-1	2081873	2088633	2117039	2095849	0.89	cps
Thallium	205-1	4893446	4883445	4906572	4894488	0.24	cps
Tin	118-1	2632476	2680379	2688400	2667085	1.13	cps
Titanium	47-1	571058	576036	580330	575808	0.81	cps
Uranium	238-1	5828510	5895333	5954822	5892888	1.07	cps
Vanadium	51-2	595965	598163	597434	597187	0.19	cps
Yttrium	89-1	6263851	6323472	6186343	6257889	1.10	cps
Yttrium	89-2	387628	387834	391789	389084	0.60	cps
Zinc	66-2	268212	267219	271399	268943	0.81	cps
Zirconium	90-1	6465752	6565818	6534072	6521881	0.78	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCV21	Instrumnet Name :	P8
Client Sample ID :	CCV21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:24:04	DataFile Name :	067CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	1473248	1476076	1467142	1472155	0.31	cps

LB Number : LB88443 Operator : Jaswal
 Lab Sample ID : CCB21 Instrumnet Name : P8
 Client Sample ID : CCB21 Dilution Factor : 1
 Date & Time Acquired :: 2017-06-29 18:27:03 DataFile Name : 068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	42	42	33	43.30	cps
Antimony	121-1	508	400	508	472	13.25	cps
Arsenic	75-2	7	15	19	14	41.65	cps
Barium	135-1	33	50	50	44	21.66	cps
Barium	137-1	25	8	8	14	69.31	cps
Beryllium	9-1	106	89	78	91	15.41	cps
Bismuth	209-1	3303073	3374290	3352610	3343325	1.09	cps
Bismuth	209-2	1558931	1568134	1562931	1563332	0.30	cps
Boron	11-1	13515	13173	12473	13054	4.07	cps
Boron	10-1	3017	2825	2509	2784	9.22	cps
Cadmium	106-1	1584	1692	1642	1639	3.31	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Cadmium	111-1	1135	1211	1158	1168	3.32	cps
Calcium	43-1	7135	6752	6877	6921	2.83	cps
Calcium	44-1	83515	84436	83315	83755	0.71	cps
Chromium	52-2	970	1133	1090	1065	7.95	cps
Cobalt	59-2	27	33	50	37	32.78	cps
Copper	63-2	590	507	540	546	7.69	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	42	100	42	61	55.11	cps
Gadolinium	160-2	3	17	13	11	62.48	cps
Holmium	165-1	5793501	5827989	5834674	5818722	0.38	cps
Holmium	165-2	2290954	2284215	2242410	2272526	1.16	cps
Indium	115-1	5974142	5928113	5956173	5952809	0.39	cps
Indium	115-2	518571	519702	522239	520171	0.36	cps
Iron	56-2	4768	4879	4518	4721	3.92	cps
Iron	57-2	128	150	200	159	23.23	cps
Lead	206-1	900	700	644	748	17.97	cps
Lead	207-1	639	694	572	635	9.63	cps
Lead	208-1	3306	3034	2717	3019	9.76	cps
Lithium	6-1	624224	636402	631104	630576	0.97	cps
Magnesium	24-2	167	167	217	183	15.75	cps
Manganese	55-2	77	110	97	94	17.76	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:27:03	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Molybdenum	98-1	50	75	58	61	20.83	cps
Molybdenum	94-1	233	283	217	244	14.19	cps
Molybdenum	95-1	42	17	25	28	45.82	cps
Molybdenum	96-1	83	83	83	83	0.00	cps
Molybdenum	97-1	25	50	42	39	32.73	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	53	70	57	60	14.70	cps
Phosphorus	31-2	0	17	8	8	100.02	cps
Potassium	39-2	7135	7886	7569	7530	5.00	cps
Rhodium	103-1	5951128	6037865	6033131	6007375	0.81	cps
Rhodium	103-2	2608376	2608032	2604351	2606920	0.09	cps
Scandium	45-1	4608217	4594313	4532224	4578251	0.88	cps
Scandium	45-2	67605	68322	68409	68112	0.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	4	4	6	57.80	cps
Selenium	82-1	167	-61	40	49	234.33	cps
Silicon	28-1	387432	377223	371408	378688	2.14	cps
Silver	109-1	300	233	267	267	12.50	cps
Silver	107-1	342	267	300	303	12.41	cps
Sodium	23-2	19915	18546	19372	19278	3.57	cps
Strontium	86-1	2825	2809	2659	2764	3.32	cps
Strontium	88-1	125	108	125	119	8.06	cps
Sulfur	34-1	350314	347063	343722	347033	0.95	cps
Terbium	159-1	6218442	6210436	6265607	6231495	0.48	cps
Terbium	159-2	2309974	2289572	2292822	2297456	0.48	cps
Thallium	203-1	233	133	117	161	39.17	cps
Thallium	205-1	375	425	383	394	6.79	cps
Tin	118-1	2086	1417	1675	1726	19.54	cps
Titanium	47-1	200	317	200	239	28.20	cps
Uranium	238-1	33	42	33	36	13.33	cps
Vanadium	51-2	13	17	20	17	20.01	cps
Yttrium	89-1	6777554	6692939	6726566	6732353	0.63	cps
Yttrium	89-2	405813	408067	407743	407208	0.30	cps
Zinc	66-2	127	100	97	108	15.26	cps
Zirconium	90-1	675	583	558	606	10.14	cps

LB Number :	LB88443	Operator :	Jaswal
Lab Sample ID :	CCB21	Instrumnet Name :	P8
Client Sample ID :	CCB21	Dilution Factor :	1
Date & Time Acquired ::	2017-06-29 18:27:03	DataFile Name :	068CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	91-1	133	150	108	131	16.06	cps