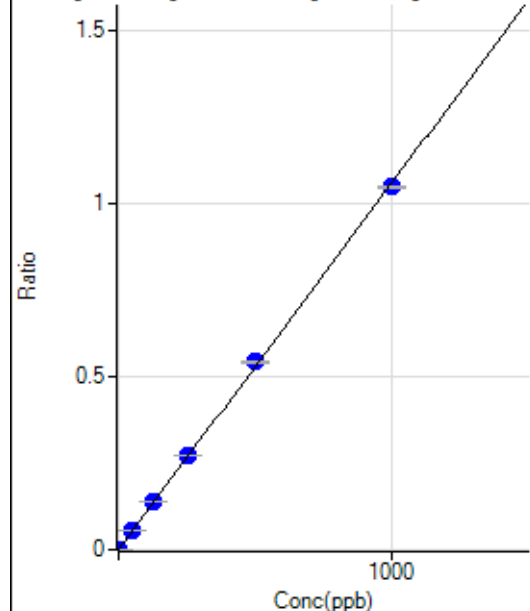


Batch Folder: D:\ICP-MS Data\P7112618-MS .b\
Analysis File: P7112618-MS .batch.bin
DA Date-Time: 2018-11-26 18:04:23
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	004CALB.d	S00	2018-11-26 13:30:04
2			
3	006CALS.d	S02	2018-11-26 13:38:10
4	007CALS.d	S03	2018-11-26 13:42:03
5	008CALS.d	S04	2018-11-26 13:46:14
6	009CALS.d	S05	2018-11-26 13:50:02
7	010CALS.d	S06	2018-11-26 13:53:47
8	011CALS.d	S07	2018-11-26 13:57:31
9	012CALS.d	S08	2018-11-26 14:01:16

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0000	P	18.2
2	☐	0.100					
3	☐	1.000	1.061	3882.07	0.0011	P	5.9
4	☐	50.000	52.711	187964.18	0.0559	P	0.3
5	☐	125.000	131.816	436917.89	0.1397	P	0.7
6	☐	250.000	258.321	747964.22	0.2738	P	0.1
7	☐	500.000	513.036	1452218.80	0.5437	P	0.5
8	☐	1000.000	990.414	2787634.93	1.0497	P	0.5
9	☐			535.21	0.0002	P	25.5

$$y = 0.0011 * x + 1.0402E-005$$

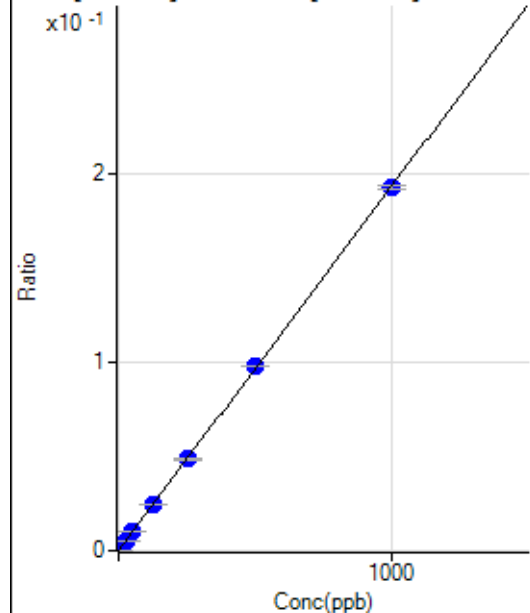
$$R = 0.9998$$

$$DL = 0.005369$$

$$BEC = 0.009815$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	347.24	0.0001	P	14.5
2	☐	2.500					
3	☐	25.000	25.164	16973.97	0.0050	P	3.4
4	☐	50.000	50.565	33195.74	0.0099	P	1.8
5	☐	125.000	126.031	76435.25	0.0244	P	0.4
6	☐	250.000	252.446	133448.38	0.0489	P	1.7
7	☐	500.000	506.573	261551.72	0.0979	P	1.0
8	☐	1000.000	995.941	511075.74	0.1924	P	1.2
9	☐			12858.70	0.0043	P	12.0

$$y = 1.9312E-004 * x + 1.0266E-004$$

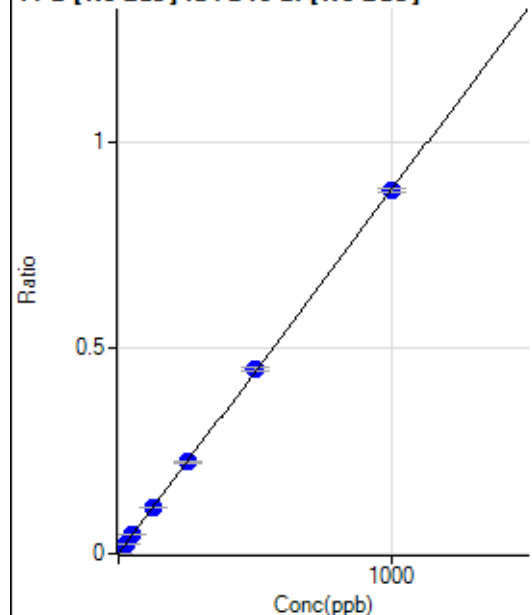
$$R = 1.0000$$

$$DL = 0.2307$$

$$BEC = 0.5316$$

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	1539.03	0.0005	P	8.1
2	☐	2.500					
3	☐	25.000	24.735	76370.57	0.0223	P	0.6
4	☐	50.000	50.596	152035.55	0.0452	P	1.3
5	☐	125.000	126.528	351314.84	0.1123	P	0.2
6	☐	250.000	251.170	607908.48	0.2226	P	2.1
7	☐	500.000	504.881	1193547.78	0.4469	P	1.9
8	☐	1000.000	997.053	2342749.47	0.8822	P	1.1
9	☐			60352.64	0.0200	P	11.0

$$y = 8.8431E-004 * x + 4.5499E-004$$

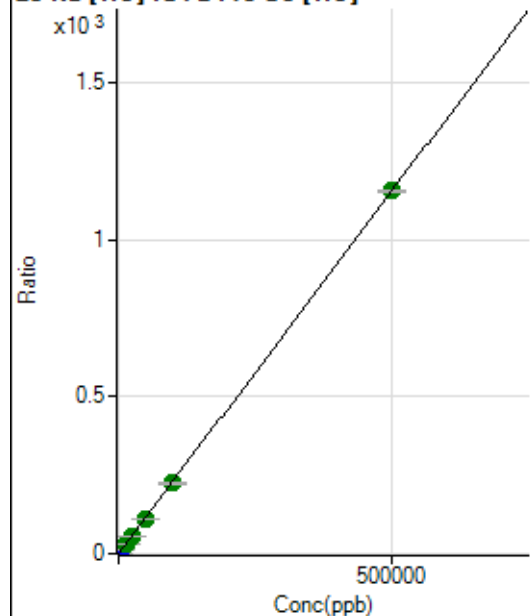
$$R = 1.0000$$

$$DL = 0.1257$$

$$BEC = 0.5145$$

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	14134.96	0.0437	P	2.5
2	☐	50.000					
3	☐	500.000	486.887	374524.55	1.1671	P	2.0
4	☐	5000.000	4857.361	3420759.62	11.2513	P	0.5
5	☐	12500.000	12183.016	7724386.72	28.1543	A	1.0
6	☐	25000.000	24488.500	13970333.12	56.5474	A	0.2
7	☐	50000.000	48818.432	28116387.09	112.6853	A	0.6
8	☐	100000.00	96934.254	57148520.03	223.7058	A	0.7
9	☐	500000.00	500766.24	350765024.5	1,155.491	A	0.4

$$y = 0.0023 * x + 0.0437$$

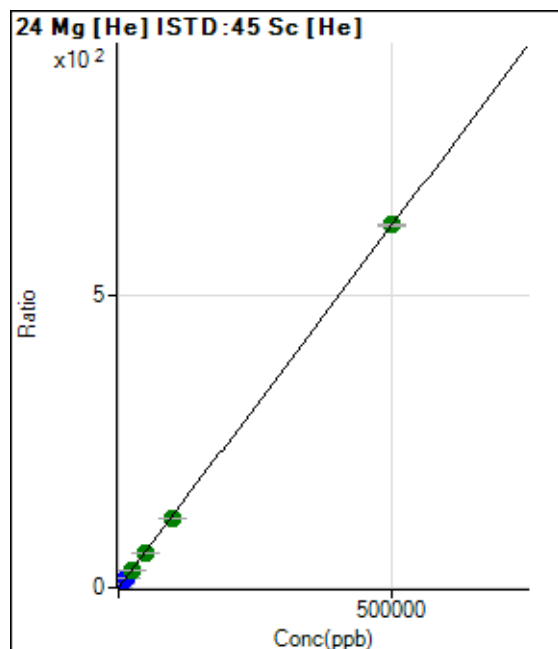
$$R = 1.0000$$

$$DL = 1.443$$

$$BEC = 18.93$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0002	P	33.0
2	☐	50.000					
3	☐	500.000	484.801	192616.15	0.6002	P	1.9
4	☐	5000.000	4861.895	1829457.81	6.0174	P	1.0
5	☐	12500.000	12260.009	4162984.12	15.1735	P	0.7
6	☐	25000.000	24427.701	7469070.57	30.2325	A	0.4
7	☐	50000.000	48501.359	14977381.93	60.0266	A	0.6
8	☐	100000.00	95318.433	30137125.67	117.9684	A	0.3
9	☐	500000.00	501122.18	188265201.4	620.2000	A	0.4

$$y = 0.0012 * x + 2.3153E-004$$

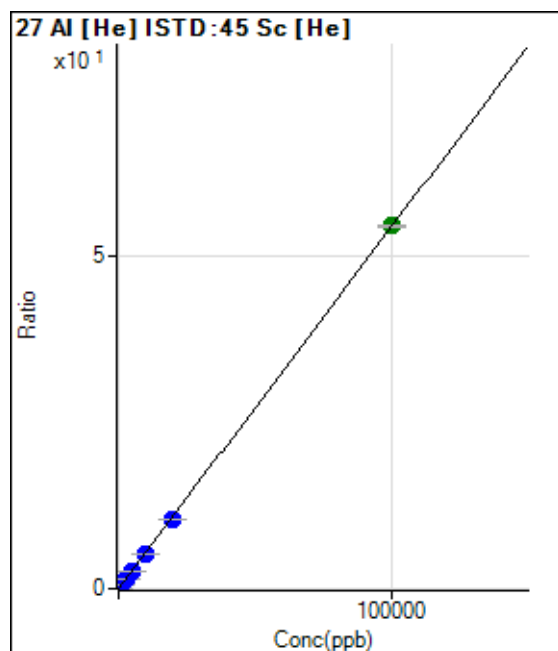
$$R = 1.0000$$

$$DL = 0.1854$$

$$BEC = 0.1871$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	66.67	0.0002	P	12.3
2	☐	2.000					
3	☐	20.000	19.649	3489.45	0.0109	P	5.6
4	☐	1000.000	953.597	157548.83	0.5182	P	1.3
5	☐	2500.000	2410.542	359312.63	1.3096	P	0.6
6	☐	5000.000	4769.135	640088.97	2.5909	P	0.1
7	☐	10000.000	9482.038	1285246.24	5.1510	P	0.3
8	☐	20000.000	18997.805	2636448.84	10.3201	P	0.4
9	☐	100000.00	100266.47	16533668.77	54.4664	A	0.4

$$y = 5.4321E-004 * x + 2.0594E-004$$

$$R = 0.9999$$

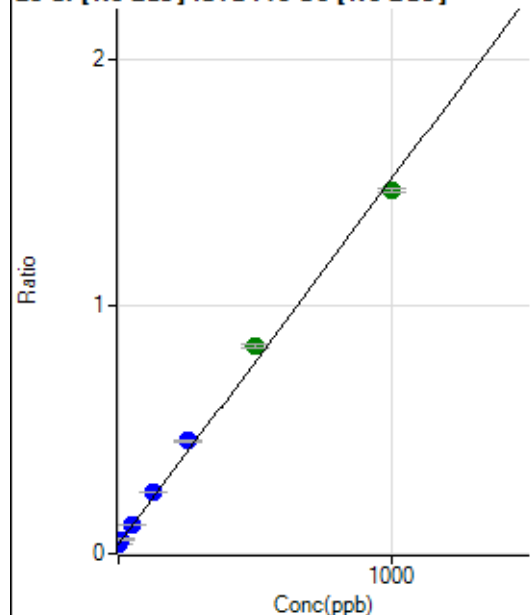
$$DL = 0.1403$$

$$BEC = 0.3791$$

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	267175.40	0.0380	P	1.3
2	☐	1.000					
3	☐	10.000	13.705	410908.46	0.0582	P	0.5
4	☐	50.000	55.238	814297.19	0.1195	P	1.0
5	☐	125.000	140.711	1563576.55	0.2456	P	0.2
6	☐	250.000	283.458	2531652.68	0.4562	P	1.5
7	☐	500.000	543.163	4554291.51	0.8394	A	1.0
8	☐	1000.000	967.791	7920595.75	1.4660	A	1.1
9	☐			718672.26	0.1161	P	1.9

$$y = 0.0015 * x + 0.0380$$

$$R = 0.9979$$

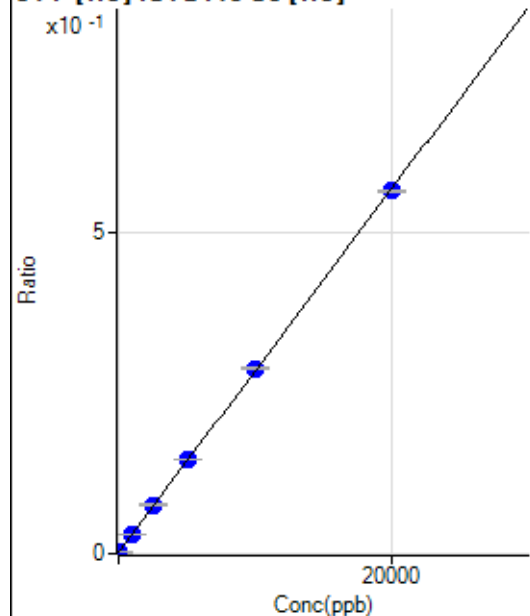
$$DL = 0.9805$$

$$BEC = 25.73$$

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	-4.343	519.48	0.0016	P	17.5
2	☐	0.000					
3	☐	0.000	4.343	594.48	0.0019	P	10.5
4	☐	1000.000	1016.117	9272.69	0.0305	P	1.3
5	☐	2500.000	2634.379	20940.34	0.0763	P	2.4
6	☐	5000.000	5120.226	36245.02	0.1467	P	1.1
7	☐	10000.000	10111.862	71870.73	0.2880	P	1.2
8	☐	20000.000	19896.410	144366.46	0.5651	P	0.3
9	☐			588.92	0.0019	P	8.4

$$y = 2.8315E-005 * x + 0.0017$$

$$R = 0.9999$$

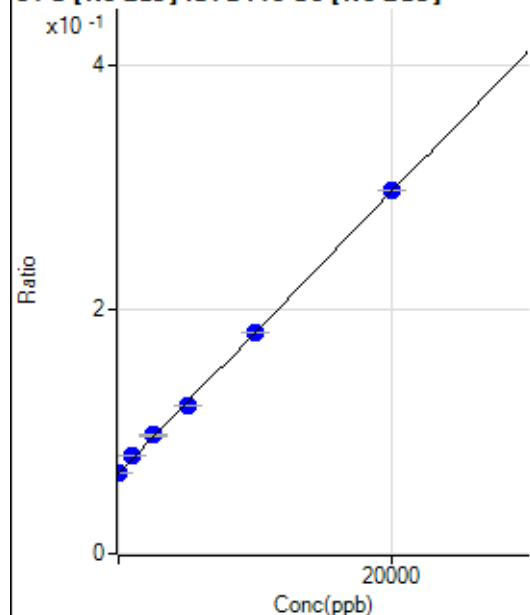
$$DL = 25.2$$

$$BEC = 61.01$$

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	-6.042	464526.74	0.0660	P	1.7
2	☐	0.000					
3	☐	0.000	6.042	467154.53	0.0662	P	0.6
4	☐	1000.000	1275.891	550722.70	0.0808	P	0.5
5	☐	2500.000	2691.230	618331.70	0.0971	P	1.3
6	☐	5000.000	4810.693	674662.94	0.1216	P	0.5
7	☐	10000.000	9926.293	979533.42	0.1805	P	0.2
8	☐	20000.000	20046.482	1605885.33	0.2972	P	0.2
9	☐			381736.05	0.0617	P	2.8

$$y = 1.1531\text{E-}005 * x + 0.0661$$

$$R = 0.9998$$

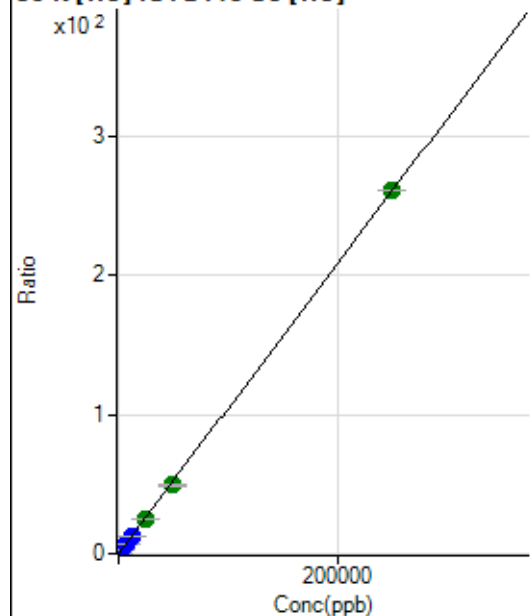
$$DL = 199.4$$

$$BEC = 5731$$

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	23188.55	0.0716	P	0.8
2	☐	50.000					
3	☐	500.000	498.470	189227.31	0.5897	P	2.5
4	☐	2500.000	2463.946	800331.49	2.6324	P	1.4
5	☐	6250.000	6136.314	1769381.25	6.4492	P	0.3
6	☐	12500.000	12071.604	3117297.90	12.6178	P	0.2
7	☐	25000.000	23776.425	6183613.20	24.7828	A	0.6
8	☐	50000.000	47175.478	12543929.10	49.1018	A	0.4
9	☐	250000.00	250711.88	79118655.24	260.6399	A	0.1

$$y = 0.0010 * x + 0.0716$$

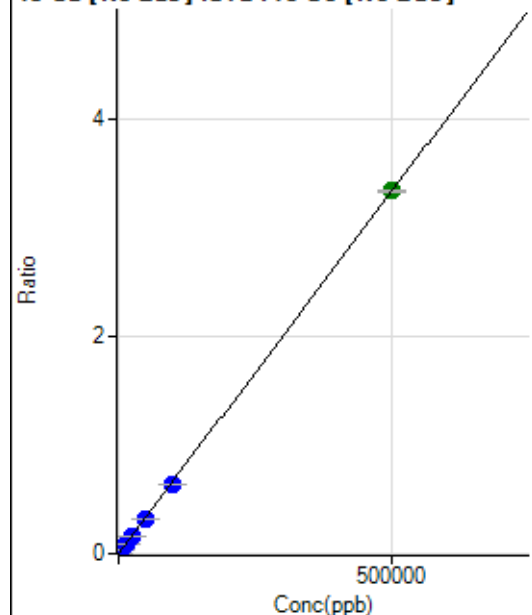
$$R = 0.9999$$

$$DL = 1.58$$

$$BEC = 68.93$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.68	0.0000	P	41.0
2	☐	50.000					
3	☐	500.000	484.844	22996.51	0.0033	P	2.2
4	☐	5000.000	4916.910	223626.84	0.0328	P	0.5
5	☐	12500.000	12299.240	522271.80	0.0820	P	1.0
6	☐	25000.000	24560.954	909062.19	0.1638	P	0.2
7	☐	50000.000	48913.264	1769650.67	0.3262	P	0.1
8	☐	100000.00	95953.176	3456866.57	0.6398	P	0.2
9	☐	500000.00	500945.85	20666190.57	3.3403	A	0.8

$$y = 6.6679\text{E-}006 * x + 2.3703\text{E-}005$$

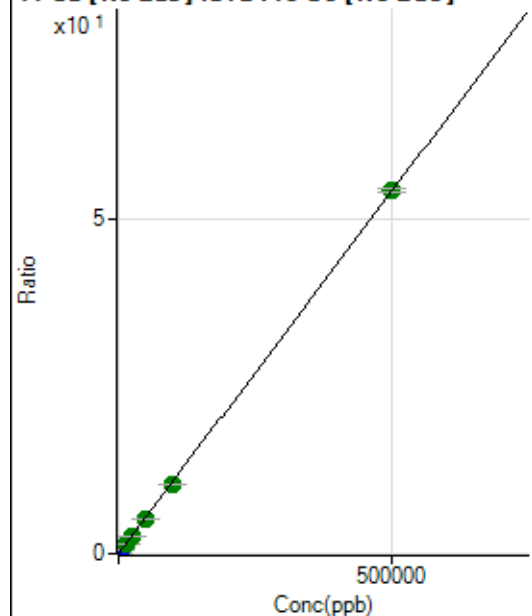
$$R = 1.0000$$

$$DL = 4.376$$

$$BEC = 3.555$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5909.81	0.0008	P	5.1
2	☐	50.000					
3	☐	500.000	483.382	376099.67	0.0533	P	0.3
4	☐	5000.000	4850.595	3591127.08	0.5269	P	0.6
5	☐	12500.000	12192.245	8423242.64	1.3231	A	0.5
6	☐	25000.000	24311.729	14637423.07	2.6374	A	0.3
7	☐	50000.000	48710.534	28664790.57	5.2834	A	0.4
8	☐	100000.00	95809.972	56141069.31	10.3912	A	0.5
9	☐	500000.00	501010.57	336170410.2	54.3340	A	0.9

$$y = 1.0845\text{E-}004 * x + 8.4006\text{E-}004$$

$$R = 1.0000$$

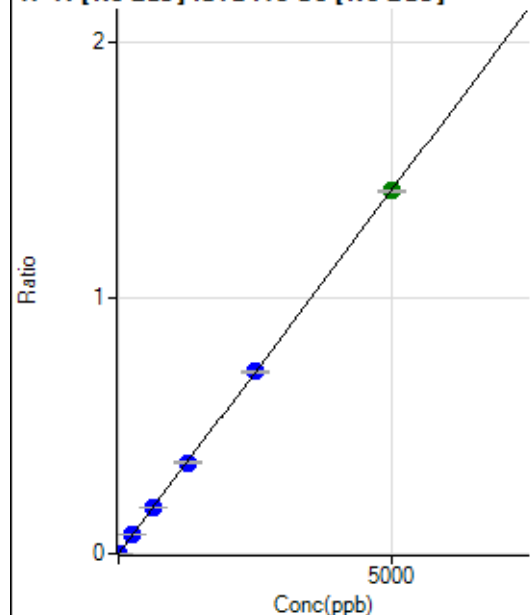
$$DL = 1.196$$

$$BEC = 7.746$$

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	108.34	0.0000	P	35.1
2	☐	0.500					
3	☐	5.000	5.227	10579.29	0.0015	P	1.1
4	☐	250.000	252.977	489285.26	0.0718	P	0.5
5	☐	625.000	636.664	1150027.99	0.1806	P	0.5
6	☐	1250.000	1257.178	1979537.22	0.3567	P	0.2
7	☐	2500.000	2505.584	3856641.62	0.7108	P	0.5
8	☐	5000.000	4993.806	7654242.36	1.4167	A	0.3
9	☐			4311.95	0.0007	P	5.8

$$y = 2.8369\text{E-}004 * x + 1.5383\text{E-}005$$

$$R = 1.0000$$

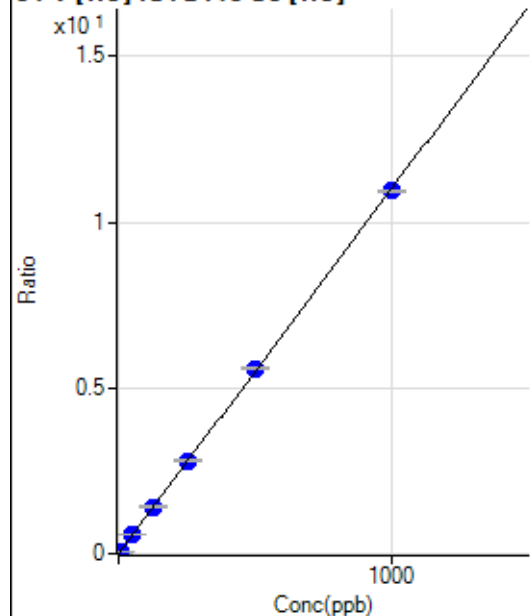
$$DL = 0.05702$$

$$BEC = 0.05422$$

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	3.33	0.0000	P	99.8
2	☐	0.500					
3	☐	5.000	5.102	18013.40	0.0561	P	1.9
4	☐	50.000	51.161	171114.82	0.5628	P	0.8
5	☐	125.000	128.992	389318.83	1.4190	P	0.5
6	☐	250.000	254.688	692187.78	2.8018	P	0.8
7	☐	500.000	507.058	1391794.41	5.5781	P	0.7
8	☐	1000.000	994.741	2795607.11	10.9430	P	0.2
9	☐			1503.44	0.0050	P	4.6

$$y = 0.0110 * x + 1.0288\text{E-}005$$

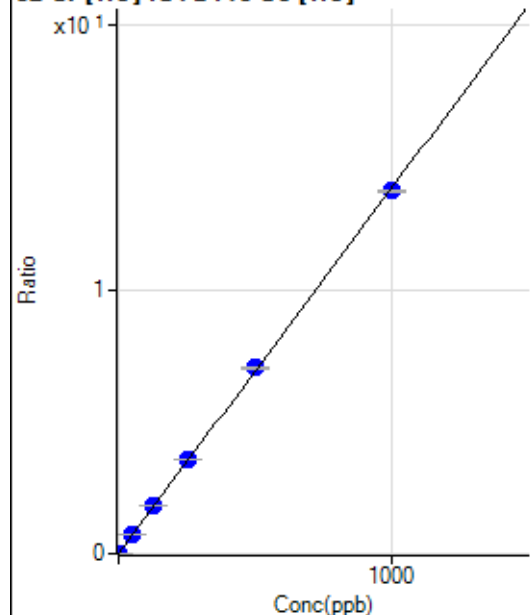
$$R = 0.9999$$

$$DL = 0.002801$$

$$BEC = 0.0009352$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1263.41	0.0039	P	4.8
2	☐	0.200					
3	☐	2.000	2.229	11141.03	0.0347	P	2.1
4	☐	50.000	51.559	217909.48	0.7167	P	0.6
5	☐	125.000	130.101	494556.01	1.8026	P	0.9
6	☐	250.000	257.767	881399.19	3.5676	P	0.4
7	☐	500.000	508.482	1755047.13	7.0339	P	0.5
8	☐	1000.000	993.101	3508582.20	13.7339	P	0.3
9	☐			188562.64	0.6212	P	0.2

$$y = 0.0138 * x + 0.0039$$

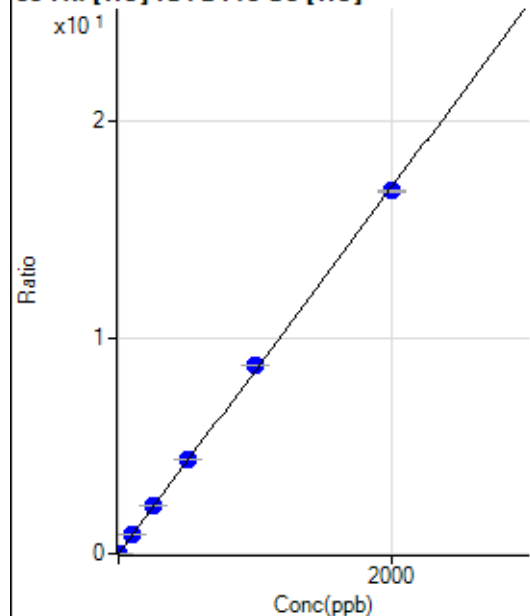
$$R = 0.9999$$

$$DL = 0.04096$$

$$BEC = 0.2823$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	34.44	0.0001	P	14.7
2	☐	0.100					
3	☐	1.000	1.082	2980.35	0.0093	P	1.6
4	☐	100.000	102.812	265171.67	0.8722	P	1.0
5	☐	250.000	261.379	608314.46	2.2172	P	0.6
6	☐	500.000	517.553	1084619.47	4.3902	P	0.4
7	☐	1000.000	1026.176	2171928.70	8.7046	P	0.4
8	☐	2000.000	1980.961	4292681.39	16.8035	P	0.6
9	☐			38240.81	0.1260	P	1.1

$$y = 0.0085 * x + 1.0640E-004$$

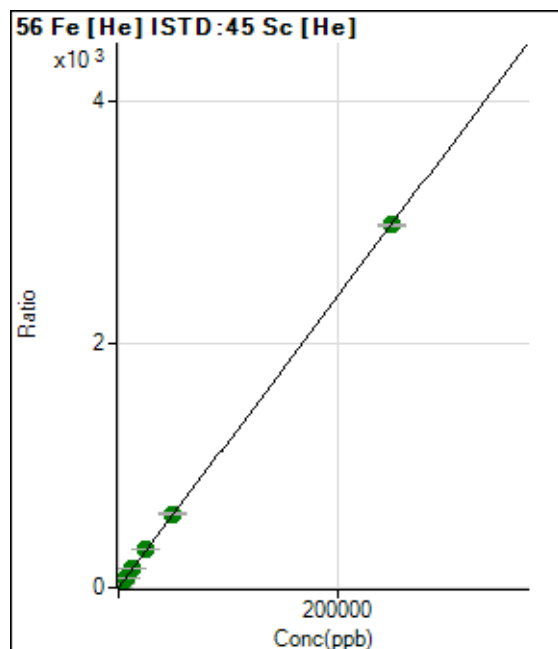
$$R = 0.9998$$

$$DL = 0.005523$$

$$BEC = 0.01254$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5453.01	0.0168	P	1.1
2	☐	5.000					
3	☐	50.000	53.757	211289.54	0.6584	P	2.0
4	☐	2500.000	2616.987	9500928.34	31.2500	A	0.7
5	☐	6250.000	6669.529	21843288.91	79.6163	A	0.5
6	☐	12500.000	13273.424	39141497.17	158.4324	A	0.4
7	☐	25000.000	26343.750	78452718.42	314.4240	A	0.6
8	☐	50000.000	50935.488	155298803.4	607.9212	A	1.0
9	☐	250000.00	249628.19	904345879.4	2,979.277	A	0.4

$$y = 0.0119 * x + 0.0168$$

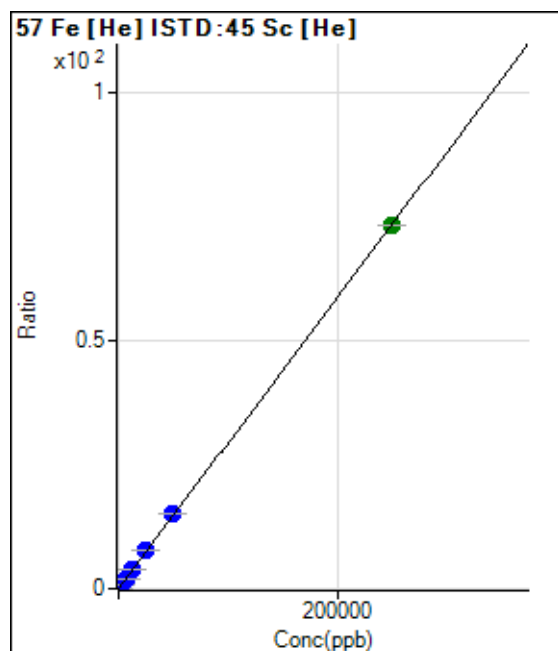
$$R = 1.0000$$

$$DL = 0.04629$$

$$BEC = 1.411$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	179.64	0.0006	P	15.4
2	☐	5.000					
3	☐	50.000	53.938	5243.67	0.0163	P	3.9
4	☐	2500.000	2642.722	235341.39	0.7741	P	1.1
5	☐	6250.000	6708.432	538864.24	1.9641	P	0.5
6	☐	12500.000	13358.014	966087.77	3.9104	P	0.5
7	☐	25000.000	26344.696	1924167.72	7.7116	P	0.3
8	☐	50000.000	51304.485	3836406.39	15.0173	P	0.5
9	☐	250000.00	249548.84	22172152.34	73.0432	A	0.2

$$y = 2.9270E-004 * x + 5.5484E-004$$

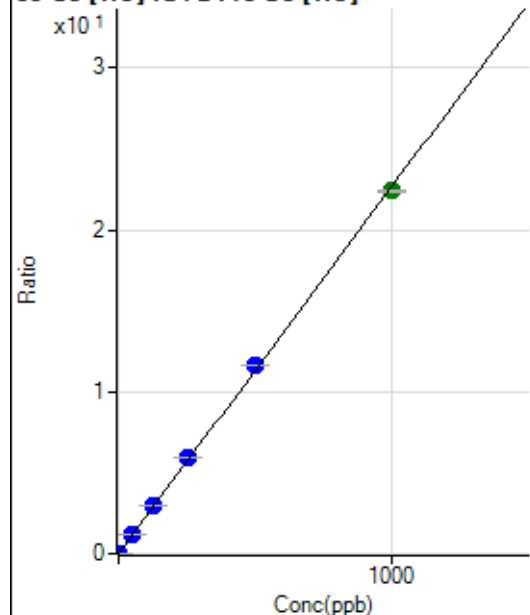
$$R = 1.0000$$

$$DL = 0.8748$$

$$BEC = 1.896$$

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	72.22	0.0002	P	14.4
2	☐	0.100					
3	☐	1.000	1.083	7938.94	0.0247	P	0.9
4	☐	50.000	52.935	364473.47	1.1988	P	0.7
5	☐	125.000	133.200	827522.30	3.0162	P	0.6
6	☐	250.000	261.673	1463842.93	5.9252	P	0.6
7	☐	500.000	512.921	2897907.70	11.6141	P	0.3
8	☐	1000.000	989.449	5723389.98	22.4040	A	0.7
9	☐			84987.51	0.2800	P	0.4

$$y = 0.0226 * x + 2.2317E-004$$

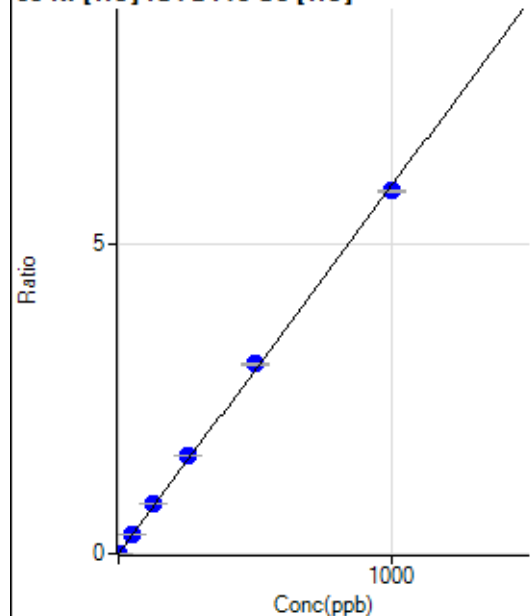
$$R = 0.9998$$

$$DL = 0.004248$$

$$BEC = 0.009856$$

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	115.56	0.0004	P	17.1
2	☐	0.100					
3	☐	1.000	1.188	2380.23	0.0074	P	3.6
4	☐	50.000	54.337	98285.25	0.3233	P	0.7
5	☐	125.000	135.033	220259.36	0.8028	P	0.7
6	☐	250.000	264.440	388336.68	1.5719	P	0.1
7	☐	500.000	516.439	765865.87	3.0694	P	0.5
8	☐	1000.000	986.700	1498111.47	5.8641	P	0.2
9	☐			64185.53	0.2114	P	0.9

$$y = 0.0059 * x + 3.5711E-004$$

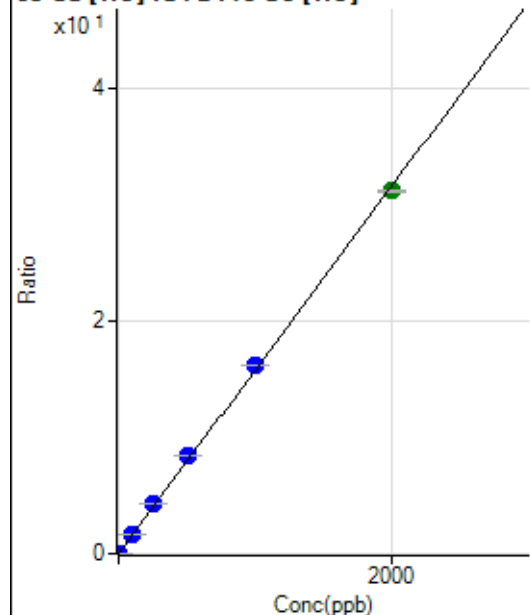
$$R = 0.9997$$

$$DL = 0.03084$$

$$BEC = 0.06009$$

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	354.45	0.0011	P	6.8
2	☐	0.200					
3	☐	2.000	2.313	12050.69	0.0376	P	3.4
4	☐	100.000	107.971	517921.80	1.7035	P	1.0
5	☐	250.000	270.594	1170890.19	4.2677	P	0.9
6	☐	500.000	529.879	2064395.02	8.3560	P	0.3
7	☐	1000.000	1026.889	4040314.56	16.1927	P	0.4
8	☐	2000.000	1976.112	7960123.42	31.1597	A	0.7
9	☐			23433.36	0.0772	P	2.0

$$y = 0.0158 * x + 0.0011$$

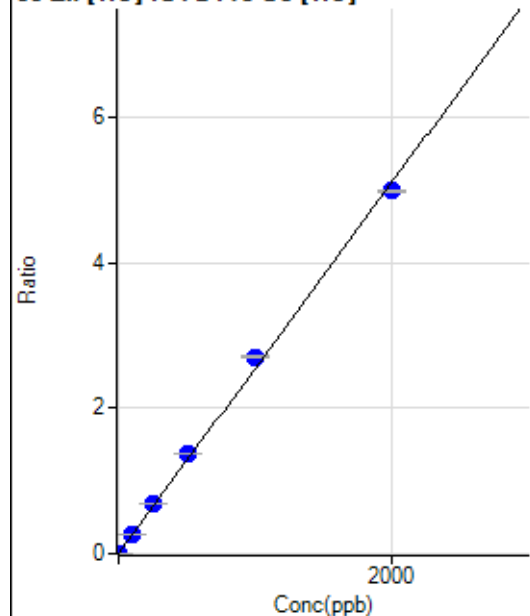
$$R = 0.9997$$

$$DL = 0.0141$$

$$BEC = 0.06944$$

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	394.46	0.0012	P	6.6
2	☐	0.200					
3	☐	2.000	2.400	2350.23	0.0073	P	4.3
4	☐	100.000	105.943	82334.88	0.2708	P	0.5
5	☐	250.000	271.370	189795.17	0.6918	P	1.1
6	☐	500.000	539.306	339351.35	1.3736	P	0.6
7	☐	1000.000	1059.478	673019.79	2.6973	P	0.8
8	☐	2000.000	1957.466	1272834.79	4.9824	P	0.4
9	☐			16445.01	0.0542	P	1.4

$$y = 0.0025 * x + 0.0012$$

$$R = 0.9991$$

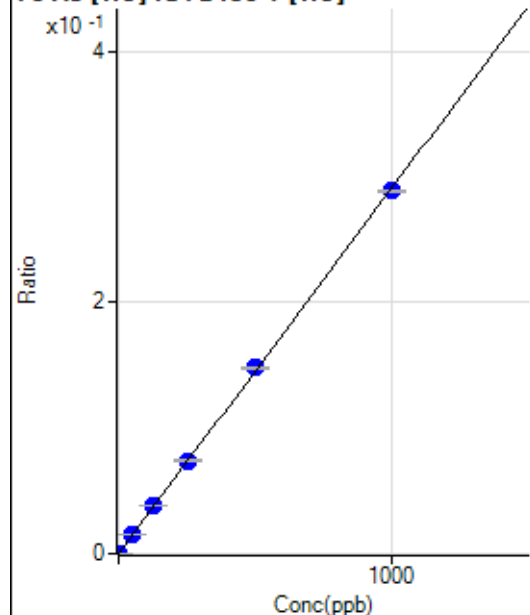
$$DL = 0.0953$$

$$BEC = 0.4789$$

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	3.70	0.0000	P	132.
2	☐	0.100					
3	☐	1.000	1.133	537.67	0.0003	P	5.1
4	☐	50.000	52.684	23559.26	0.0153	P	1.3
5	☐	125.000	130.621	54326.25	0.0380	P	0.7
6	☐	250.000	254.542	96995.62	0.0741	P	0.8
7	☐	500.000	508.732	194925.68	0.1480	P	0.2
8	☐	1000.000	993.662	383253.31	0.2891	P	0.5
9	☐			668.54	0.0005	P	2.6

$$y = 2.9096E-004 * x + 2.2797E-006$$

$$R = 0.9999$$

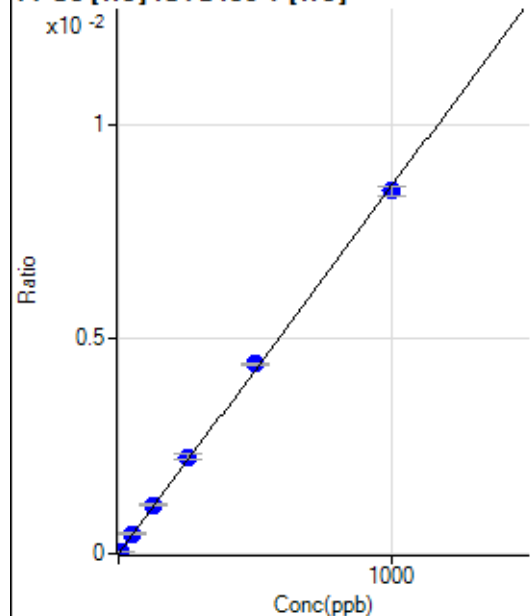
$$DL = 0.03118$$

$$BEC = 0.007835$$

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	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.971	68.89	0.0000	P	34.8
4	☐	50.000	54.326	714.48	0.0005	P	6.3
5	☐	125.000	133.248	1630.12	0.0011	P	4.6
6	☐	250.000	262.614	2943.69	0.0022	P	6.3
7	☐	500.000	516.138	5817.93	0.0044	P	0.3
8	☐	1000.000	987.530	11206.74	0.0085	P	3.0
9	☐			11.11	0.0000	P	17.5

$$y = 8.5598E-006 * x + 0.0000E+000$$

$$R = 0.9997$$

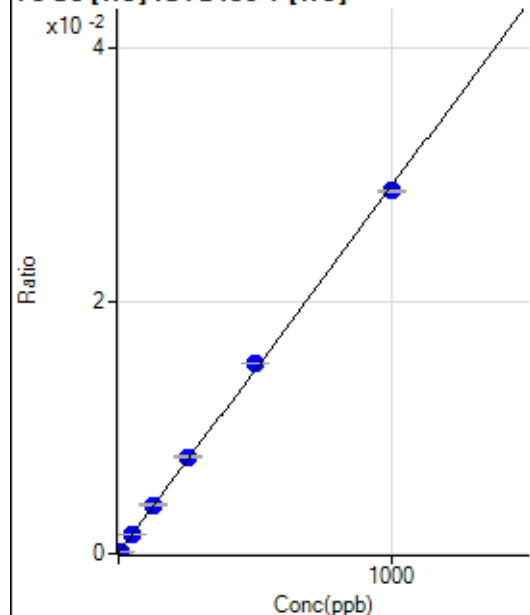
$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	74.07	0.0000	P	15.9
2	☐	0.500					
3	☐	5.000	4.950	306.18	0.0002	P	3.6
4	☐	50.000	52.698	2419.98	0.0016	P	2.7
5	☐	125.000	131.432	5517.76	0.0039	P	2.8
6	☐	250.000	261.267	9989.31	0.0076	P	2.5
7	☐	500.000	517.909	19853.78	0.0151	P	0.2
8	☐	1000.000	987.290	38042.95	0.0287	P	0.8
9	☐			77.16	0.0001	P	28.5

$$y = 2.9022\text{E-}005 * x + 4.5439\text{E-}005$$

$$R = 0.9997$$

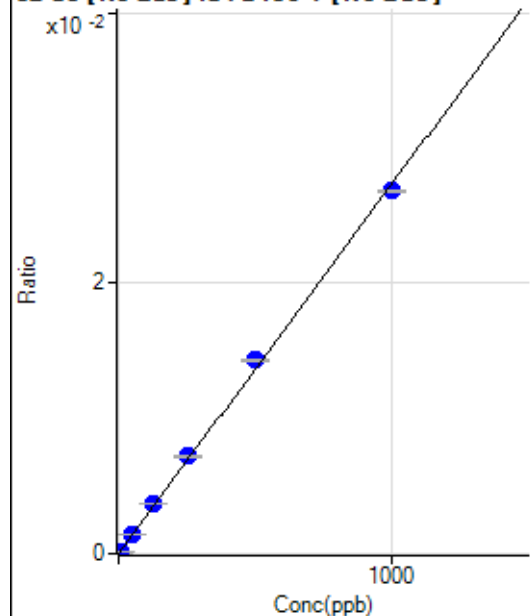
$$DL = 0.7455$$

$$BEC = 1.566$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.47	0.0000	P	383.
2	☐	0.500					
3	☐	5.000	5.305	1700.32	0.0001	P	3.9
4	☐	50.000	53.071	16438.00	0.0015	P	1.7
5	☐	125.000	133.762	39588.94	0.0037	P	0.5
6	☐	250.000	263.101	70416.42	0.0072	P	0.2
7	☐	500.000	525.473	138398.60	0.0144	P	0.8
8	☐	1000.000	982.738	257670.49	0.0269	P	0.3
9	☐			122.59	0.0000	P	17.1

$$y = 2.7325\text{E-}005 * x + 9.8822\text{E-}007$$

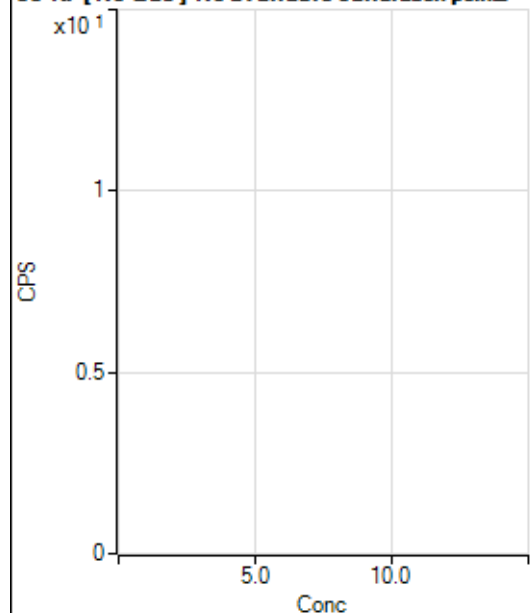
$$R = 0.9994$$

$$DL = 0.4163$$

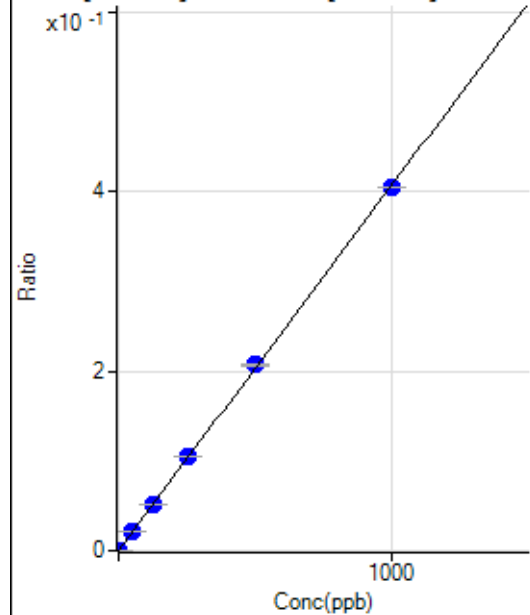
$$BEC = 0.03617$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			803.37		P	6.5
2	☐						
3	☐			801.15		P	5.3
4	☐			724.47		P	5.7
5	☐			727.81		P	7.0
6	☐			636.69		P	11.3
7	☐			632.25		P	4.6
8	☐			591.13		P	5.8
9	☐			803.37		P	5.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	1238.99	0.0001	P	2.2
2	☐	0.100					
3	☐	1.000	1.084	6390.56	0.0005	P	4.5
4	☐	50.000	51.101	236648.74	0.0209	P	0.9
5	☐	125.000	128.488	567064.45	0.0524	P	0.3
6	☐	250.000	255.943	1020515.00	0.1042	P	0.2
7	☐	500.000	508.799	1995618.62	0.2070	P	0.4
8	☐	1000.000	993.624	3878761.55	0.4042	P	0.1
9	☐			21194.14	0.0021	P	3.7

$$y = 4.0672E-004 * x + 1.0749E-004$$

$$R = 0.9999$$

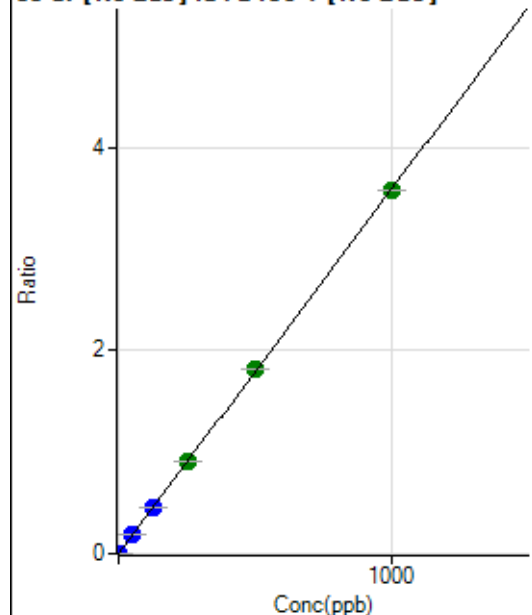
$$DL = 0.01713$$

$$BEC = 0.2643$$

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	163.90	0.0000	P	24.2
2	☐	0.100					
3	☐	1.000	1.033	43333.29	0.0037	P	0.7
4	☐	50.000	50.306	2043530.90	0.1804	P	0.4
5	☐	125.000	126.444	4909892.47	0.4534	P	0.5
6	☐	250.000	252.987	8884310.44	0.9072	A	0.7
7	☐	500.000	506.583	17508137.54	1.8165	A	0.7
8	☐	1000.000	995.766	34261111.53	3.5706	A	0.1
9	☐			176723.39	0.0173	P	0.3

$$y = 0.0036 * x + 1.4222E-005$$

$$R = 1.0000$$

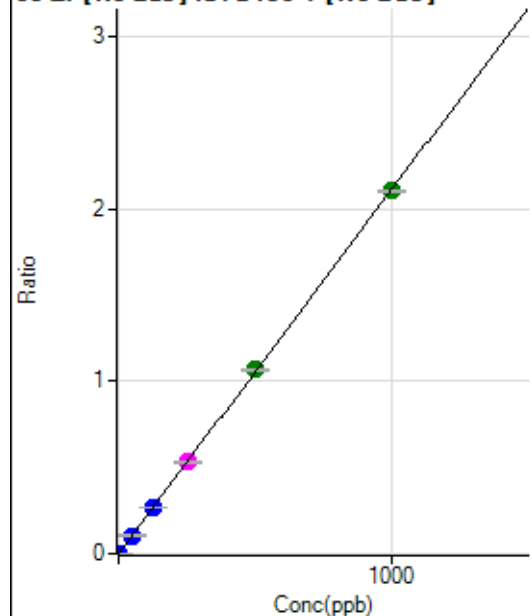
$$DL = 0.002878$$

$$BEC = 0.003966$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	808.39	0.0001	P	3.9
2	☐	0.100					
3	☐	1.000	1.045	26500.29	0.0023	P	0.5
4	☐	50.000	50.143	1198725.69	0.1058	P	0.3
5	☐	125.000	126.657	2893315.08	0.2672	P	0.4
6	☐	250.000	251.440	5193822.12	0.5304	M	0.8
7	☐	500.000	504.756	10261204.66	1.0646	A	0.4
8	☐	1000.000	997.048	20177180.66	2.1029	A	0.5
9	☐			11724.79	0.0012	P	2.7

$$y = 0.0021 * x + 7.0133E-005$$

$$R = 1.0000$$

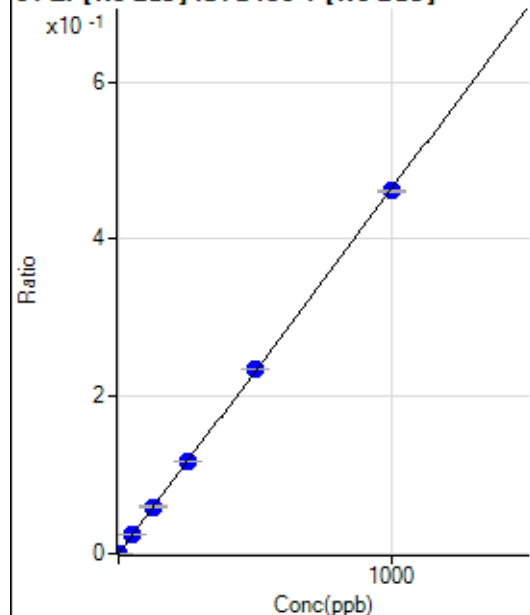
$$DL = 0.003936$$

$$BEC = 0.03325$$

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	155.56	0.0000	P	13.7
2	☐	0.100					
3	☐	1.000	1.030	5723.63	0.0005	P	1.0
4	☐	50.000	51.390	270090.99	0.0238	P	0.5
5	☐	125.000	129.106	648412.11	0.0599	P	1.0
6	☐	250.000	254.568	1156140.00	0.1181	P	0.4
7	☐	500.000	507.059	2266341.87	0.2351	P	0.5
8	☐	1000.000	994.746	4426011.82	0.4613	P	0.4
9	☐			2550.34	0.0003	P	4.2

$$y = 4.6370\text{E-}004 * x + 1.3498\text{E-}005$$

$$R = 0.9999$$

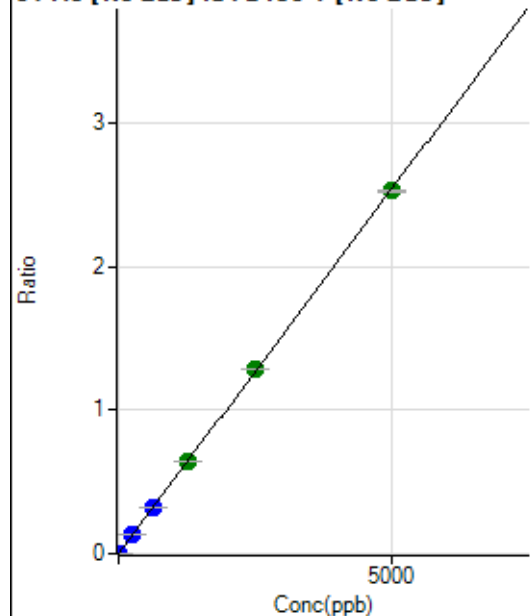
$$DL = 0.01197$$

$$BEC = 0.02911$$

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	280.57	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	5.125	30600.37	0.0026	P	2.1
4	☐	250.000	251.416	1446224.38	0.1277	P	0.4
5	☐	625.000	636.139	3497636.23	0.3230	P	0.4
6	☐	1250.000	1263.529	6282671.58	0.6415	A	0.5
7	☐	2500.000	2531.691	12388916.07	1.2854	A	0.9
8	☐	5000.000	4979.309	24257532.83	2.5281	A	0.3
9	☐			34200.34	0.0034	P	1.8

$$y = 5.0771\text{E-}004 * x + 2.4341\text{E-}005$$

$$R = 1.0000$$

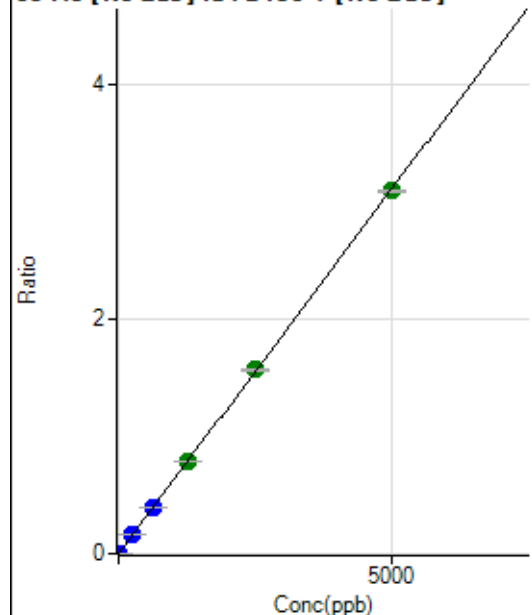
$$DL = 0.009073$$

$$BEC = 0.04794$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.34	0.0000	P	65.9
2	☐	0.500					
3	☐	5.000	5.117	37090.72	0.0032	P	0.5
4	☐	250.000	252.201	1775921.37	0.1568	P	0.8
5	☐	625.000	635.983	4281094.10	0.3953	P	0.2
6	☐	1250.000	1263.574	7692447.13	0.7855	A	0.3
7	☐	2500.000	2531.391	15166586.10	1.5736	A	0.9
8	☐	5000.000	4979.428	29700489.20	3.0954	A	0.2
9	☐			52686.80	0.0052	P	0.2

$$y = 6.2163\text{E-}004 * x + 2.8884\text{E-}006$$

$$R = 1.0000$$

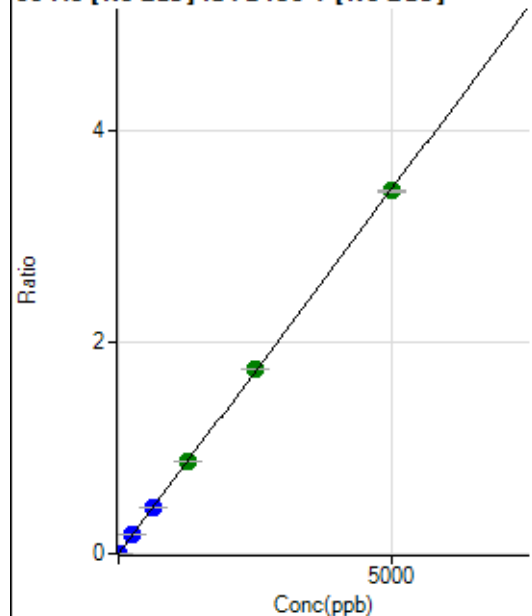
$$DL = 0.00918$$

$$BEC = 0.004647$$

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	113.90	0.0000	P	16.8
2	☐	0.500					
3	☐	5.000	5.256	42241.41	0.0036	P	2.1
4	☐	250.000	252.227	1965893.79	0.1735	P	0.5
5	☐	625.000	634.783	4729504.10	0.4368	P	0.3
6	☐	1250.000	1262.510	8507240.12	0.8686	A	0.4
7	☐	2500.000	2534.624	16808315.65	1.7439	A	0.5
8	☐	5000.000	4978.226	32864682.33	3.4251	A	0.4
9	☐			65866.82	0.0065	P	1.3

$$y = 6.8802\text{E-}004 * x + 9.8795\text{E-}006$$

$$R = 1.0000$$

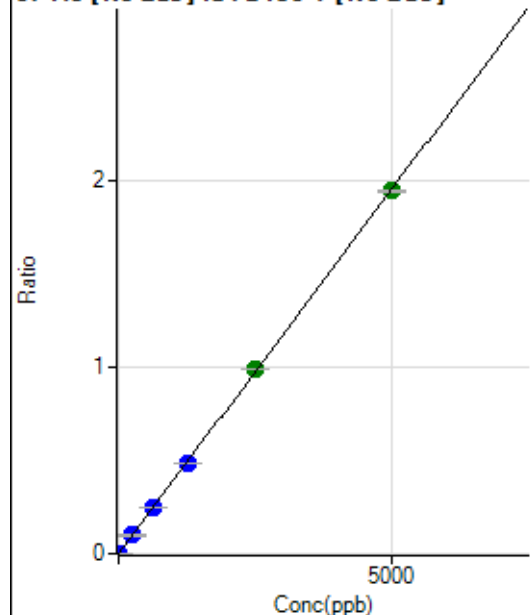
$$DL = 0.007239$$

$$BEC = 0.01436$$

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	27.78	0.0000	P	62.6
2	☐	0.500					
3	☐	5.000	4.975	22613.13	0.0019	P	0.6
4	☐	250.000	250.891	1107394.87	0.0978	P	0.7
5	☐	625.000	631.149	2663074.89	0.2459	P	0.8
6	☐	1250.000	1244.240	4747983.26	0.4848	P	0.1
7	☐	2500.000	2537.260	9528785.02	0.9886	A	0.5
8	☐	5000.000	4981.997	18626308.40	1.9412	A	0.2
9	☐			32293.01	0.0032	P	1.4

$$y = 3.8964E-004 * x + 2.4123E-006$$

$$R = 1.0000$$

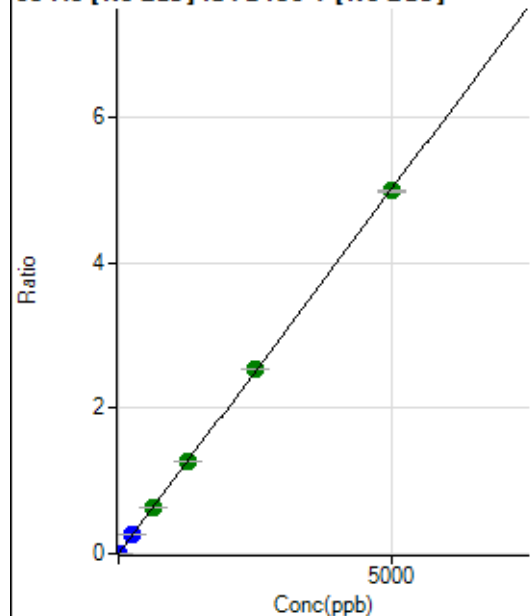
$$DL = 0.01162$$

$$BEC = 0.006191$$

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	61.11	0.0000	P	51.8
2	☐	0.500					
3	☐	5.000	5.134	59990.56	0.0051	P	0.6
4	☐	250.000	251.698	2857083.07	0.2522	P	0.4
5	☐	625.000	631.629	6853887.83	0.6329	A	0.7
6	☐	1250.000	1263.323	12397987.17	1.2659	A	0.3
7	☐	2500.000	2534.010	24473967.39	2.5392	A	0.7
8	☐	5000.000	4978.750	47869852.11	4.9890	A	0.5
9	☐			83178.36	0.0082	P	2.0

$$y = 0.0010 * x + 5.3066E-006$$

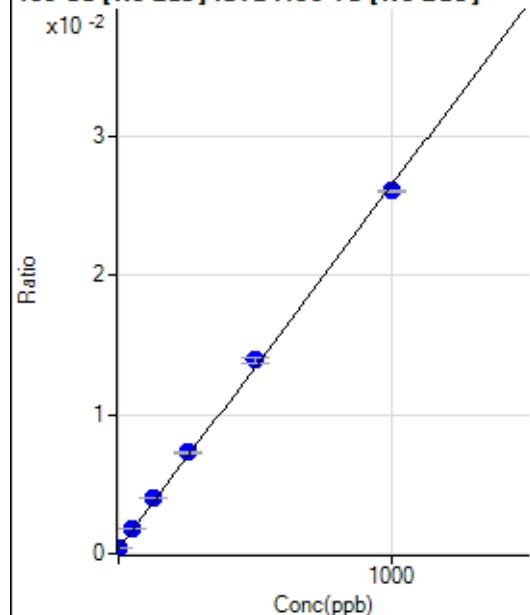
$$R = 1.0000$$

$$DL = 0.008225$$

$$BEC = 0.005296$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	5495.73	0.0004	P	0.5
2	☐	0.100					
3	☐	1.000	0.551	5818.12	0.0004	P	3.8
4	☐	50.000	57.153	28871.93	0.0018	P	1.6
5	☐	125.000	140.108	61905.42	0.0040	P	1.2
6	☐	250.000	264.664	108017.79	0.0073	P	0.7
7	☐	500.000	518.371	205696.73	0.0139	P	2.2
8	☐	1000.000	984.903	384764.81	0.0260	P	0.4
9	☐			4995.56	0.0003	P	1.3

$$y = 2.6073\text{E-}005 * x + 3.5214\text{E-}004$$

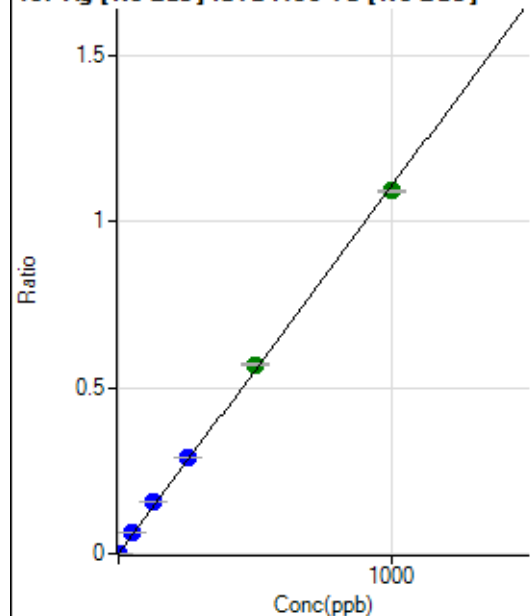
$$R = 0.9996$$

$$DL = 0.2178$$

$$BEC = 13.51$$

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	100.01	0.0000	P	1.1
2	☐	0.100					
3	☐	1.000	1.219	21528.31	0.0014	P	1.5
4	☐	50.000	58.656	1018200.26	0.0650	P	0.7
5	☐	125.000	141.367	2420131.28	0.1566	P	1.1
6	☐	250.000	260.226	4292589.50	0.2882	P	0.6
7	☐	500.000	514.848	8458101.32	0.5702	A	0.9
8	☐	1000.000	987.541	16166120.15	1.0937	A	0.2
9	☐			1872.43	0.0001	P	1.4

$$y = 0.0011 * x + 6.4086\text{E-}006$$

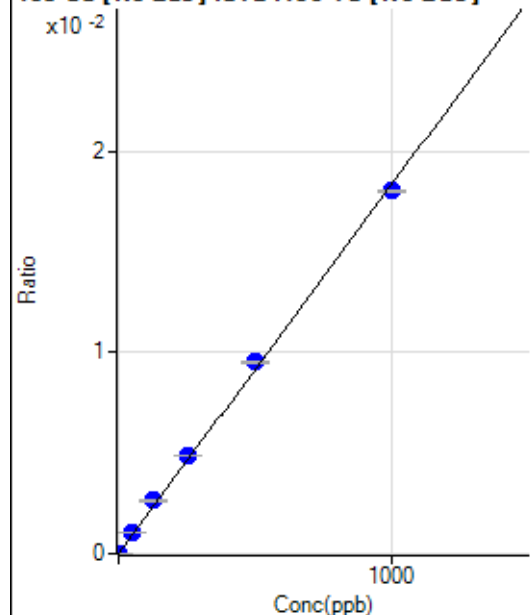
$$R = 0.9997$$

$$DL = 0.0001889$$

$$BEC = 0.005786$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15.28	0.0000	P	68.3
2	☐	0.100					
3	☐	1.000	1.256	380.57	0.0000	P	15.3
4	☐	50.000	57.290	16458.40	0.0011	P	1.6
5	☐	125.000	143.646	40677.97	0.0026	P	1.9
6	☐	250.000	266.188	72621.04	0.0049	P	1.1
7	☐	500.000	519.065	141021.49	0.0095	P	1.0
8	☐	1000.000	983.725	266299.89	0.0180	P	0.8
9	☐			94.45	0.0000	P	32.7

$$y = 1.8314\text{E-}005 * x + 9.7487\text{E-}007$$

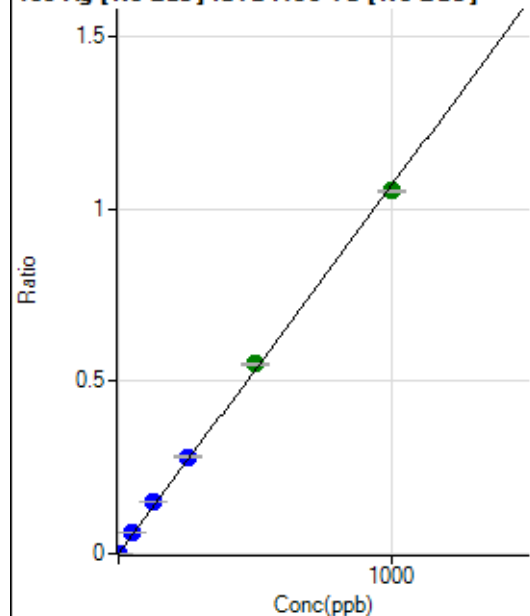
$$R = 0.9995$$

$$DL = 0.109$$

$$BEC = 0.05323$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	86.12	0.0000	P	6.7
2	☐	0.100					
3	☐	1.000	1.195	20326.49	0.0013	P	2.2
4	☐	50.000	58.648	980682.56	0.0626	P	0.5
5	☐	125.000	142.588	2351416.96	0.1521	P	1.0
6	☐	250.000	263.639	4189321.10	0.2813	P	0.6
7	☐	500.000	516.007	8166239.42	0.5505	A	0.5
8	☐	1000.000	985.956	15548024.65	1.0519	A	0.7
9	☐			1844.65	0.0001	P	9.4

$$y = 0.0011 * x + 5.5207\text{E-}006$$

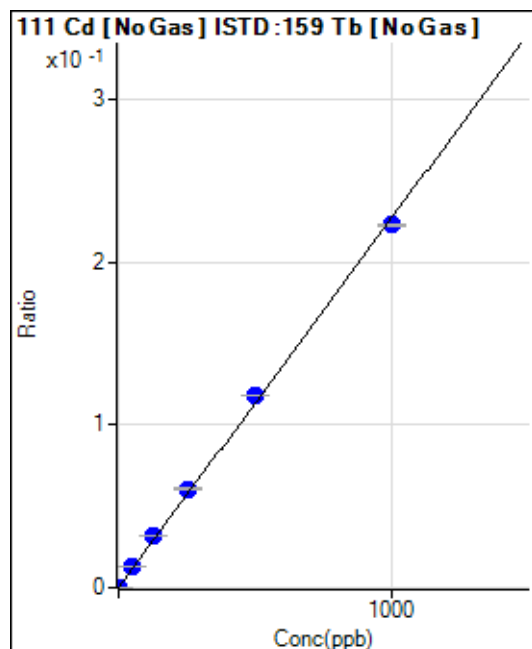
$$R = 0.9996$$

$$DL = 0.001041$$

$$BEC = 0.005175$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	545.82	0.0000	P	2.3
2	☐	0.100					
3	☐	1.000	1.152	4703.70	0.0003	P	5.4
4	☐	50.000	57.560	205171.83	0.0131	P	0.5
5	☐	125.000	141.825	497802.39	0.0322	P	1.1
6	☐	250.000	267.254	903446.65	0.0607	P	0.6
7	☐	500.000	522.053	1757153.80	0.1185	P	0.3
8	☐	1000.000	982.179	3293657.35	0.2228	P	0.6
9	☐			1126.53	0.0001	P	3.1

$$y = 2.2684\text{E-}004 * x + 3.4976\text{E-}005$$

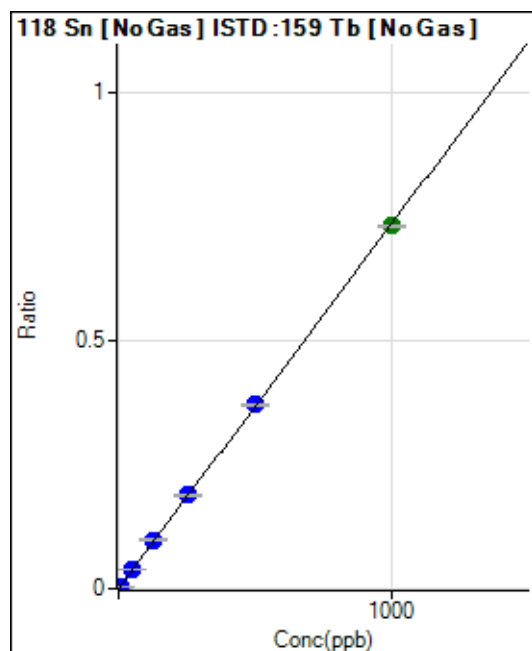
$$R = 0.9994$$

$$DL = 0.01053$$

$$BEC = 0.1542$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1380.69	0.0001	P	7.1
2	☐	0.500					
3	☐	5.000	5.485	65408.63	0.0041	P	1.4
4	☐	50.000	54.186	625656.75	0.0399	P	0.8
5	☐	125.000	134.308	1527449.55	0.0988	P	0.2
6	☐	250.000	255.804	2802026.80	0.1881	P	0.5
7	☐	500.000	504.436	5501888.23	0.3709	P	0.5
8	☐	1000.000	994.956	10812152.85	0.7315	A	0.3
9	☐			19322.33	0.0013	P	1.9

$$y = 7.3511\text{E-}004 * x + 8.8463\text{E-}005$$

$$R = 0.9999$$

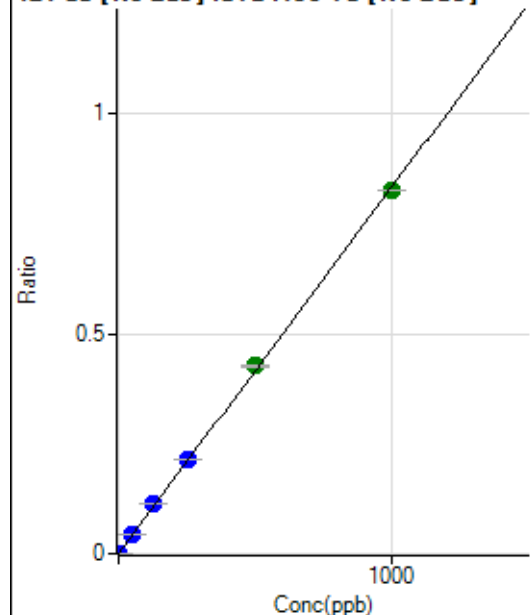
$$DL = 0.02564$$

$$BEC = 0.1203$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	30.56	0.0000	P	30.8
2	☐	0.200					
3	☐	2.000	2.141	28304.42	0.0018	P	0.7
4	☐	50.000	53.846	701943.56	0.0448	P	0.6
5	☐	125.000	134.524	1729556.07	0.1119	P	0.3
6	☐	250.000	256.895	3182493.45	0.2137	P	0.4
7	☐	500.000	512.248	6320272.32	0.4261	A	0.2
8	☐	1000.000	990.769	12180839.07	0.8241	A	0.1
9	☐			20924.71	0.0014	P	2.2

$$y = 8.3177\text{E-}004 * x + 1.9555\text{E-}006$$

$$R = 0.9998$$

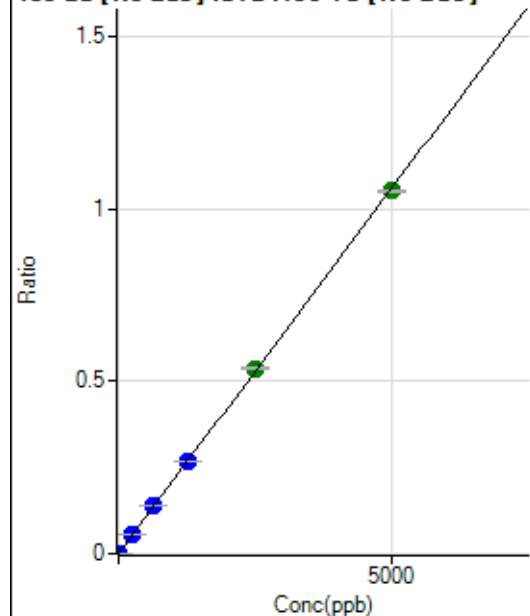
$$DL = 0.002172$$

$$BEC = 0.002351$$

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	30.55	0.0000	P	68.3
2	☐	1.000					
3	☐	10.000	10.655	35847.08	0.0023	P	0.7
4	☐	250.000	267.307	887046.33	0.0566	P	0.3
5	☐	625.000	662.172	2167189.17	0.1402	P	0.8
6	☐	1250.000	1270.710	4007319.10	0.2691	P	0.3
7	☐	2500.000	2539.355	7975895.75	0.5377	A	0.6
8	☐	5000.000	4969.632	15553588.19	1.0523	A	0.2
9	☐			3936.85	0.0003	P	8.2

$$y = 2.1174\text{E-}004 * x + 1.9493\text{E-}006$$

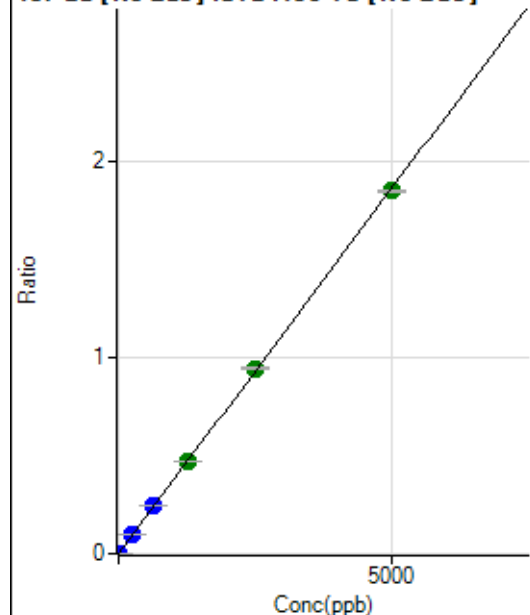
$$R = 0.9999$$

$$DL = 0.01887$$

$$BEC = 0.009206$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	22.22	0.0000	P	57.1
2	☐	1.000					
3	☐	10.000	10.588	62734.13	0.0040	P	0.9
4	☐	250.000	265.978	1555251.10	0.0992	P	0.3
5	☐	625.000	659.527	3803509.07	0.2461	P	0.9
6	☐	1250.000	1269.954	7057068.30	0.4738	A	0.3
7	☐	2500.000	2540.554	14060970.45	0.9479	A	0.5
8	☐	5000.000	4969.618	27406698.88	1.8542	A	0.5
9	☐			7074.36	0.0005	P	8.3

$$y = 3.7311\text{E-}004 * x + 1.4245\text{E-}006$$

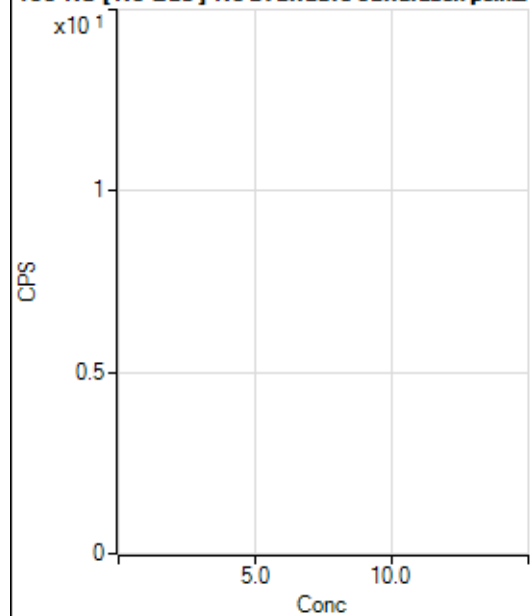
$$R = 0.9999$$

$$DL = 0.006536$$

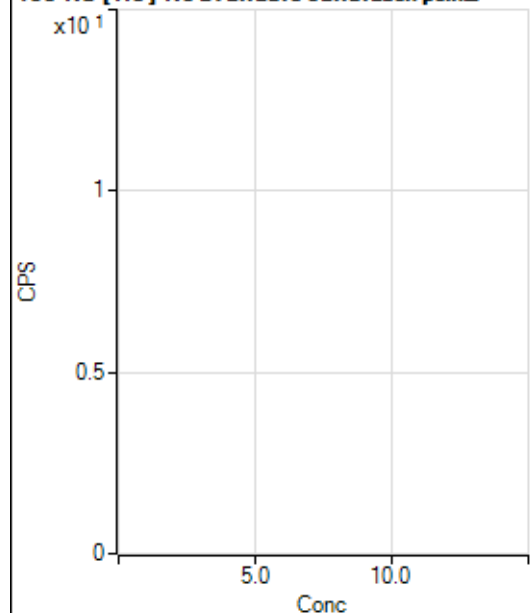
$$BEC = 0.003818$$

Weight: <None>

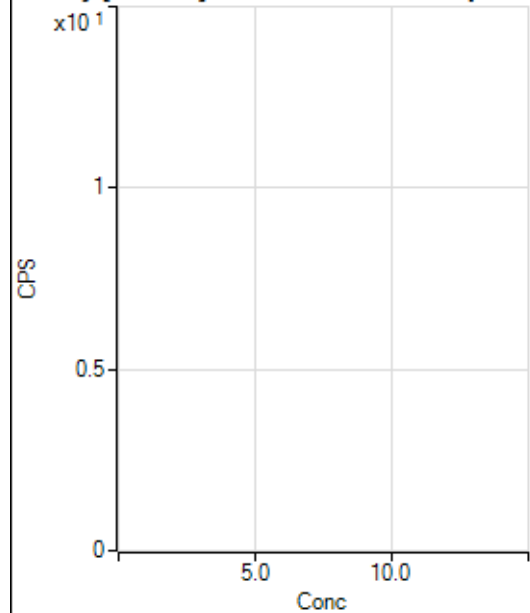
Min Conc: 0

150 Nd [No Gas] No available calibration points

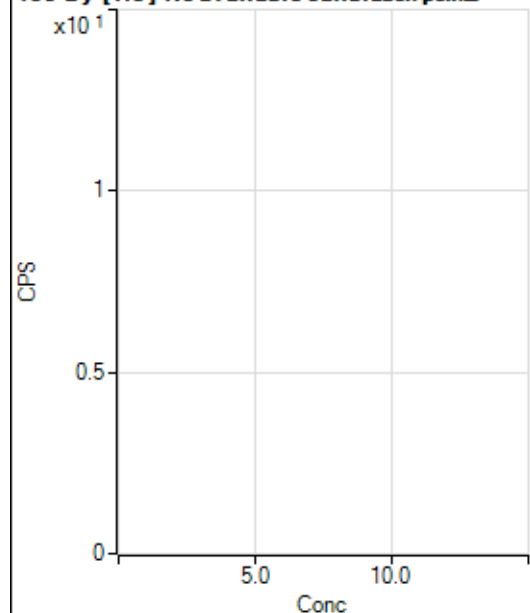
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			4.45		P	86.6
4	☐			102.23		P	15.1
5	☐			217.79		P	15.1
6	☐			424.47		P	5.0
7	☐			786.72		P	1.7
8	☐			1397.90		P	6.0
9	☐			264.46		P	17.9

150 Nd [He] No available calibration points

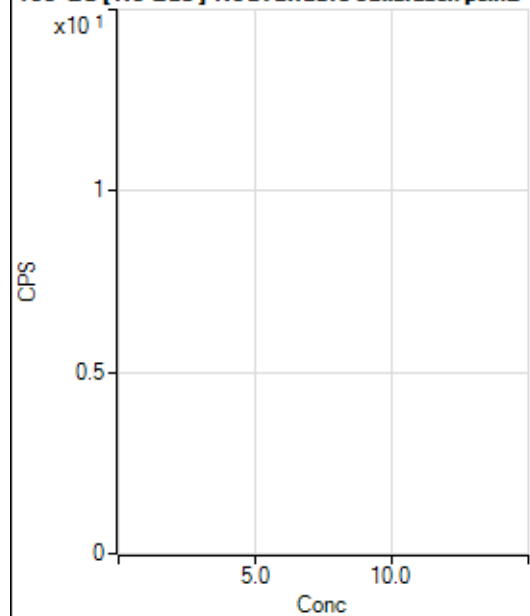
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.
2	☐						
3	☐			1.11		P	173.
4	☐			4.45		P	86.6
5	☐			16.67		P	87.2
6	☐			24.44		P	34.3
7	☐			77.78		P	13.8
8	☐			116.67		P	17.4
9	☐			86.67		P	3.8

156 Dy [No Gas] No available calibration points

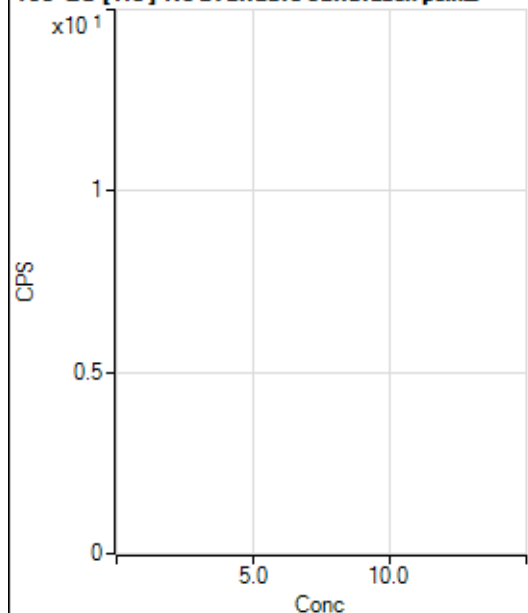
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			5.55		P	86.6
4	☐			19.45		P	24.7
5	☐			61.11		P	15.7
6	☐			66.67		P	37.5
7	☐			163.90		P	24.0
8	☐			305.57		P	16.0
9	☐			194.45		P	25.1

156 Dy [He] No available calibration points

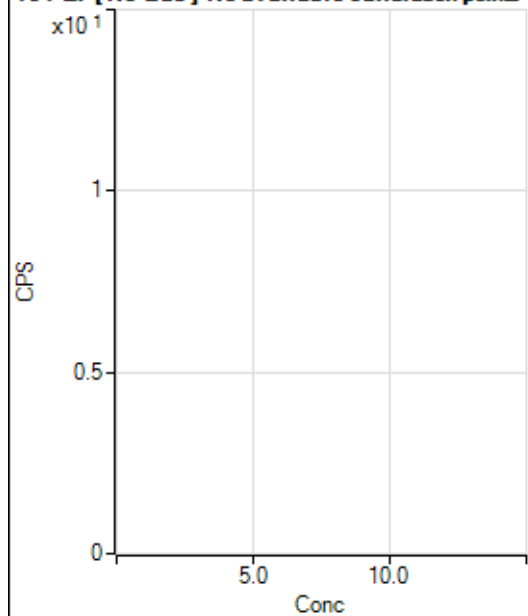
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.44		P	43.4
2	☐						
3	☐			2.22		P	173.
4	☐			16.67		P	20.0
5	☐			30.00		P	33.3
6	☐			74.44		P	18.6
7	☐			130.00		P	10.3
8	☐			232.23		P	8.4
9	☐			85.56		P	26.5

160 Gd [No Gas] Noavailable calibration poin_

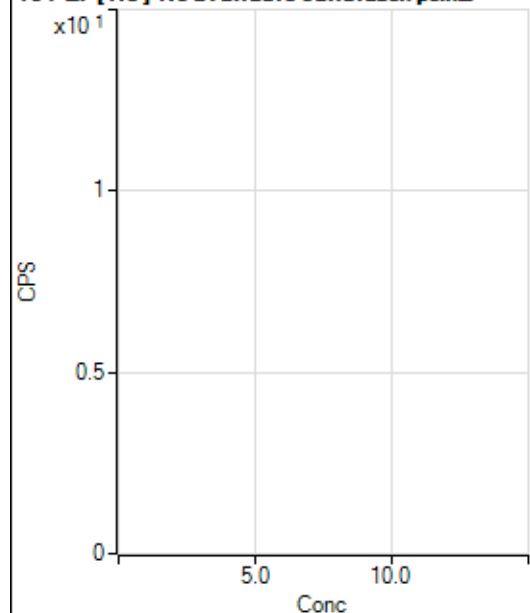
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			172.23		P	31.1
2	☐						
3	☐			150.01		P	11.1
4	☐			100.01		P	22.0
5	☐			150.01		P	20.0
6	☐			136.12		P	9.4
7	☐			147.23		P	21.4
8	☐			169.45		P	20.5
9	☐			222.23		P	21.3

160 Gd [He] No available calibration points

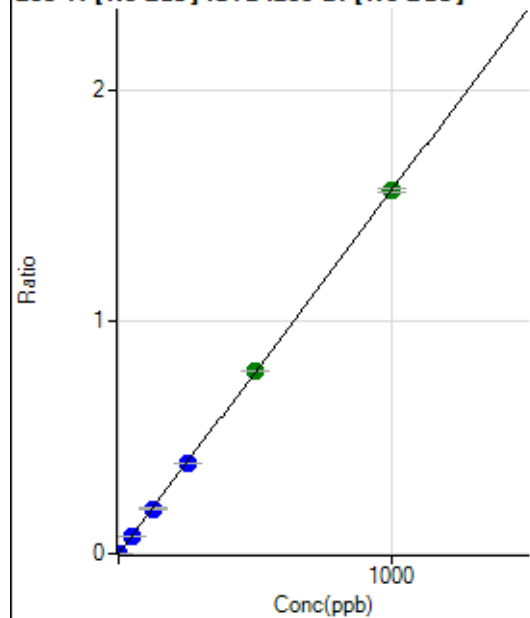
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			244.45		P	3.1
2	☐						
3	☐			247.78		P	15.3
4	☐			254.45		P	16.6
5	☐			200.01		P	20.3
6	☐			210.00		P	4.2
7	☐			211.12		P	6.0
8	☐			194.45		P	13.0
9	☐			273.34		P	3.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			66.67		P	57.3
2	☐						
3	☐			88.89		P	28.6
4	☐			36.11		P	53.3
5	☐			33.34		P	66.1
6	☐			88.89		P	35.5
7	☐			52.78		P	32.9
8	☐			80.56		P	6.0
9	☐			83.34		P	45.8

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			15.56		P	65.5
2	☐						
3	☐			56.67		P	40.8
4	☐			22.22		P	22.9
5	☐			24.45		P	43.8
6	☐			27.78		P	54.1
7	☐			46.67		P	0.0
8	☐			26.67		P	54.5
9	☐			32.22		P	65.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	172.23	0.0000	P	3.2
2	☐	0.100					
3	☐	1.000	1.003	17826.47	0.0016	P	0.6
4	☐	50.000	49.089	857563.94	0.0769	P	0.4
5	☐	125.000	124.287	2146432.29	0.1947	P	0.7
6	☐	250.000	246.801	4126824.31	0.3866	P	0.3
7	☐	500.000	503.448	8346492.89	0.7887	A	0.4
8	☐	1000.000	999.210	16058122.75	1.5653	A	1.1
9	☐			5851.56	0.0006	P	5.1

$$y = 0.0016 * x + 1.5279E-005$$

$$R = 1.0000$$

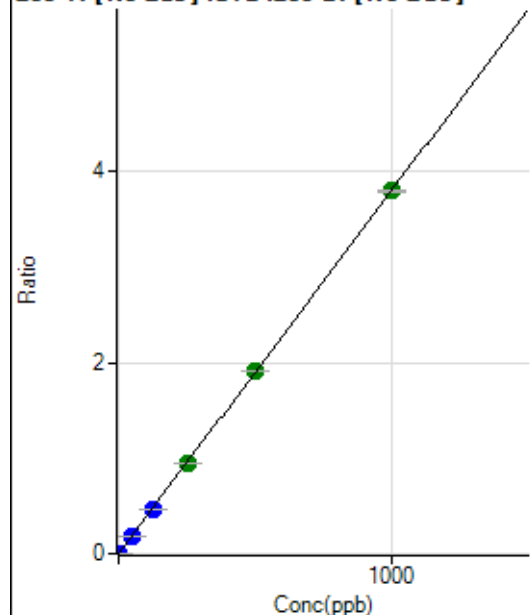
$$DL = 0.0009236$$

$$BEC = 0.009754$$

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	347.24	0.0000	P	10.9
2	☐	0.100					
3	☐	1.000	0.994	42809.01	0.0038	P	0.9
4	☐	50.000	48.928	2073651.95	0.1860	P	0.9
5	☐	125.000	123.795	5186815.09	0.4705	P	0.6
6	☐	250.000	247.730	10049822.28	0.9415	A	0.4
7	☐	500.000	502.411	20207856.70	1.9095	A	0.7
8	☐	1000.000	999.566	38973637.33	3.7990	A	0.7
9	☐			14497.44	0.0016	P	2.7

$$y = 0.0038 * x + 3.0803E-005$$

$$R = 1.0000$$

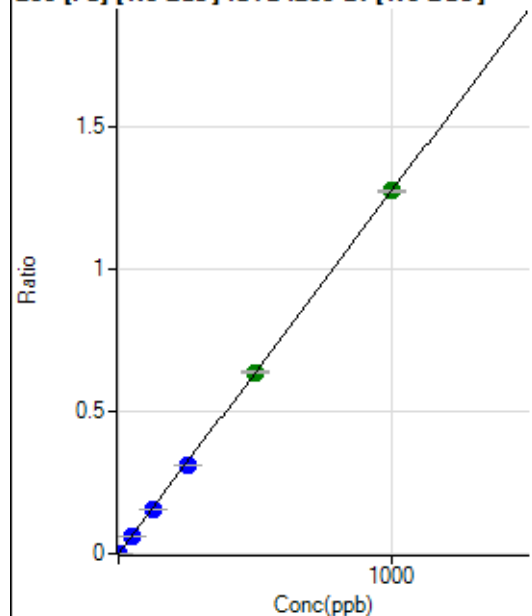
$$DL = 0.002644$$

$$BEC = 0.008105$$

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	596.33	0.0001	P	4.1
2	☐	0.100					
3	☐	1.000	1.028	15316.57	0.0014	P	2.5
4	☐	50.000	49.096	698249.58	0.0626	P	0.4
5	☐	125.000	123.646	1737721.45	0.1576	P	0.7
6	☐	250.000	245.336	3337967.15	0.3127	P	0.7
7	☐	500.000	501.242	6761090.20	0.6389	A	0.7
8	☐	1000.000	1000.760	13085385.83	1.2755	A	0.8
9	☐			17673.26	0.0019	P	2.2

$$y = 0.0013 * x + 5.2894E-005$$

$$R = 1.0000$$

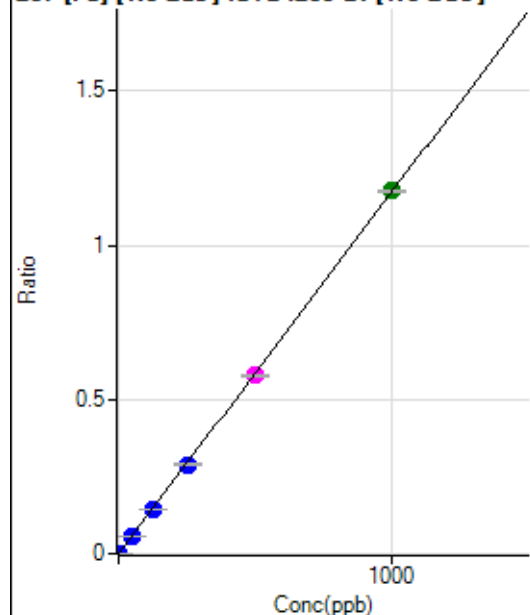
$$DL = 0.005142$$

$$BEC = 0.0415$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	572.25	0.0001	P	7.8
2	☐	0.100					
3	☐	1.000	0.991	13625.88	0.0012	P	0.8
4	☐	50.000	48.991	640382.18	0.0574	P	0.5
5	☐	125.000	124.027	1602028.45	0.1453	P	0.7
6	☐	250.000	247.178	3090849.29	0.2896	P	0.7
7	☐	500.000	493.707	6120746.03	0.5783	M	1.3
8	☐	1000.000	1004.024	12065713.11	1.1761	A	0.5
9	☐			15661.46	0.0017	P	1.8

$$y = 0.0012 * x + 5.0764E-005$$

$$R = 1.0000$$

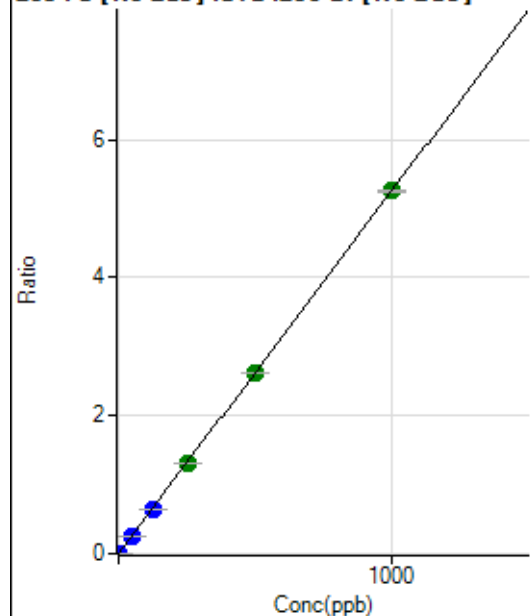
$$DL = 0.01019$$

$$BEC = 0.04334$$

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	2570.55	0.0002	P	4.6
2	☐	0.100					
3	☐	1.000	1.006	61956.15	0.0055	P	1.0
4	☐	50.000	49.209	2884601.45	0.2587	P	0.2
5	☐	125.000	124.210	7194893.57	0.6527	P	0.6
6	☐	250.000	247.630	13886275.45	1.3010	A	0.6
7	☐	500.000	499.626	27776795.01	2.6247	A	0.4
8	☐	1000.000	1000.918	53941216.95	5.2579	A	0.5
9	☐			71675.56	0.0078	P	1.0

$$y = 0.0053 * x + 2.2800E-004$$

$$R = 1.0000$$

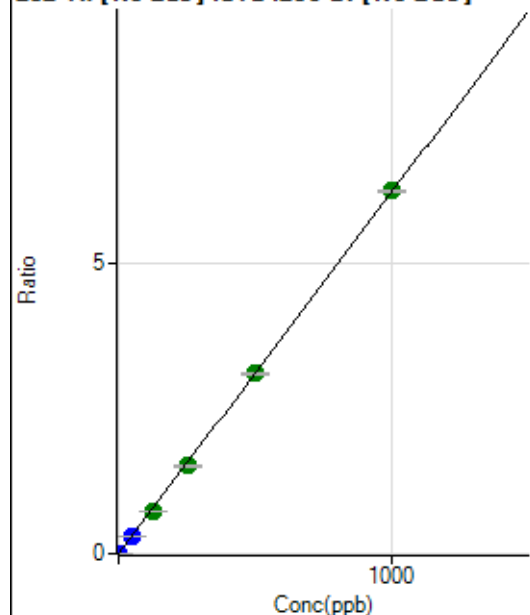
$$DL = 0.005951$$

$$BEC = 0.04341$$

Weight: <None>

Min Conc: 0

232 Th [No Gas] ISTD :209 Bi [No Gas]



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	53.70	0.0000	P	53.3
2	☐	0.100					
3	☐	1.000	0.932	65284.86	0.0058	P	0.6
4	☐	50.000	46.200	3205876.34	0.2875	P	0.4
5	☐	125.000	119.196	8177648.51	0.7418	A	0.5
6	☐	250.000	242.369	16100420.73	1.5084	A	0.6
7	☐	500.000	497.592	32773211.61	3.0968	A	0.3
8	☐	1000.000	1004.027	64105190.32	6.2486	A	0.6
9	☐			12133.75	0.0013	P	9.1

$$y = 0.0062 * x + 4.7696E-006$$

$$R = 1.0000$$

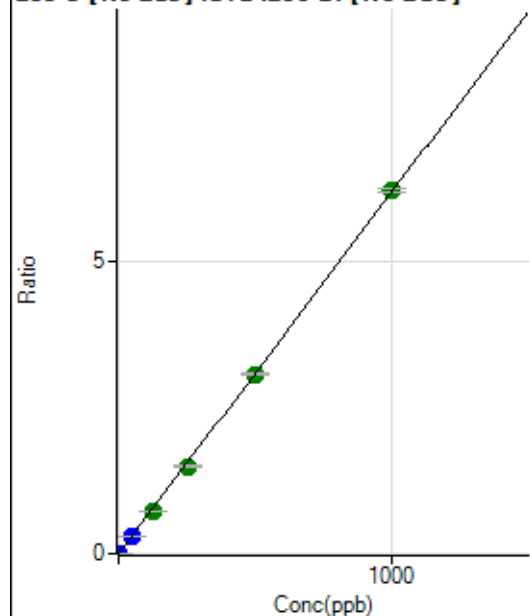
$$DL = 0.001225$$

$$BEC = 0.0007664$$

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	66.67	0.0000	P	76.3
2	☐	0.100					
3	☐	1.000	0.943	65677.24	0.0058	P	1.9
4	☐	50.000	46.120	3184005.89	0.2856	P	0.6
5	☐	125.000	117.949	8050914.59	0.7303	A	0.3
6	☐	250.000	241.362	15951760.77	1.4945	A	0.9
7	☐	500.000	497.572	32604381.28	3.0809	A	0.6
8	☐	1000.000	1004.449	63803908.37	6.2194	A	1.0
9	☐			13040.44	0.0014	P	1.5

$$y = 0.0062 * x + 5.9215E-006$$

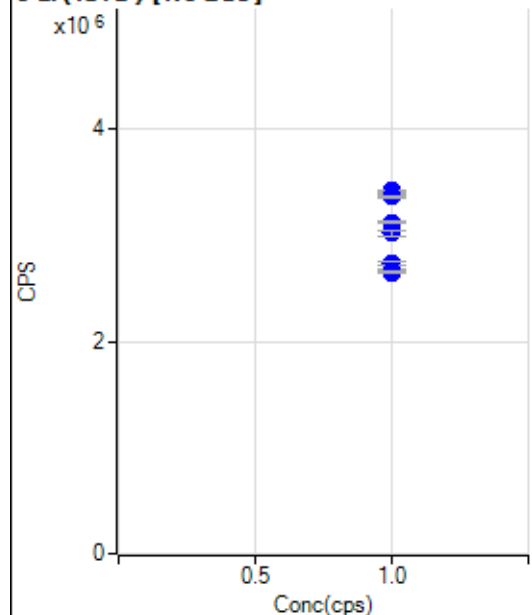
$$R = 0.9999$$

$$DL = 0.002188$$

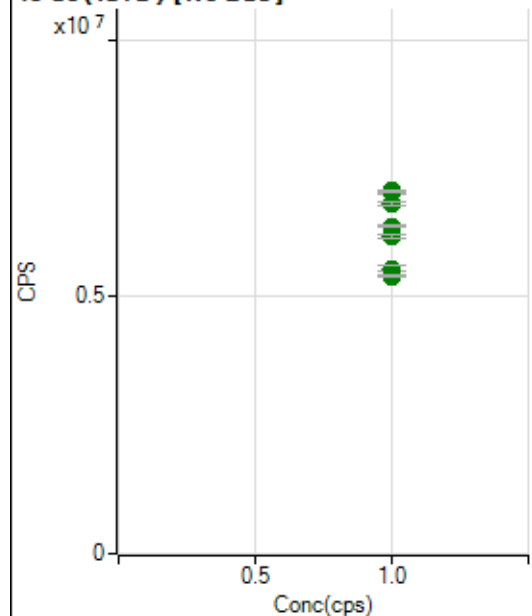
$$BEC = 0.0009563$$

Weight: <None>

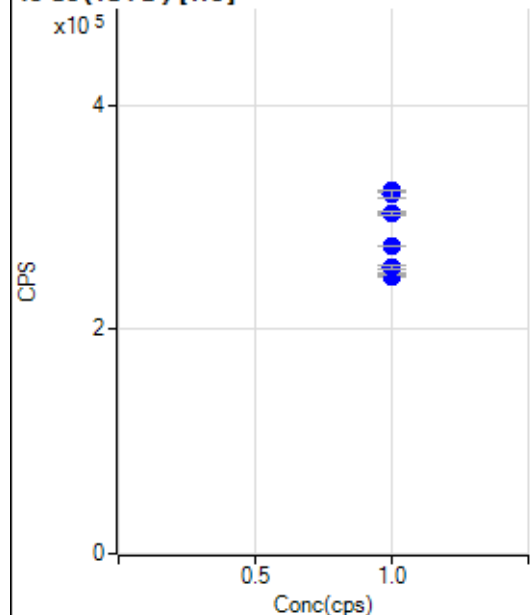
Min Conc: 0

6 Li (ISTD) [No Gas]

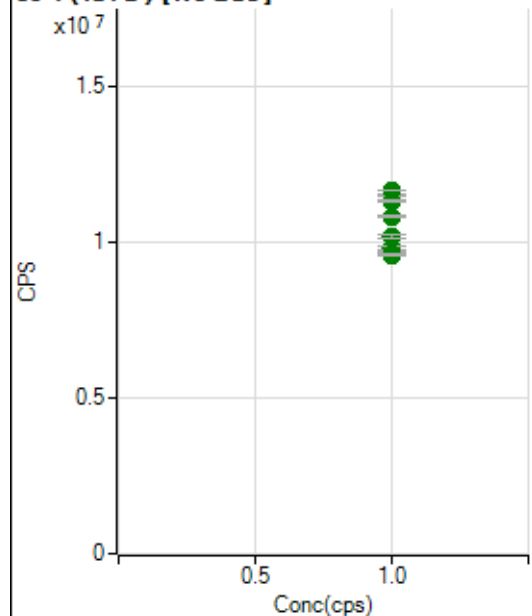
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3382573.35		P	0.0
2	☐	1.000					
3	☐	1.000		3420295.37		P	0.3
4	☐	1.000		3363980.19		P	0.6
5	☐	1.000		3127144.43		P	0.7
6	☐	1.000		2731859.44		P	1.3
7	☐	1.000		2670811.80		P	0.7
8	☐	1.000		2655674.98		P	0.5
9	☐	1.000		3018787.07		P	1.5

45 Sc (ISTD) [No Gas]

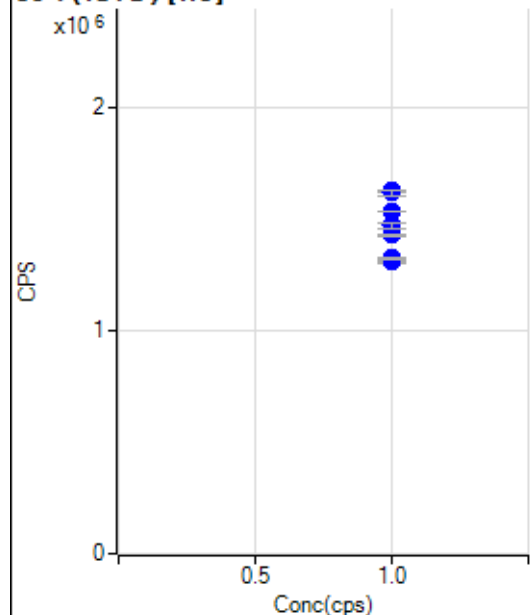
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7037376.80		A	1.0
2	☐	1.000					
3	☐	1.000		7061441.74		A	0.5
4	☐	1.000		6816180.62		A	1.1
5	☐	1.000		6366591.42		A	0.7
6	☐	1.000		5550187.97		A	1.9
7	☐	1.000		5425517.53		A	0.2
8	☐	1.000		5402786.49		A	0.5
9	☐	1.000		6186657.43		A	1.3

45 Sc (ISTD) [He]

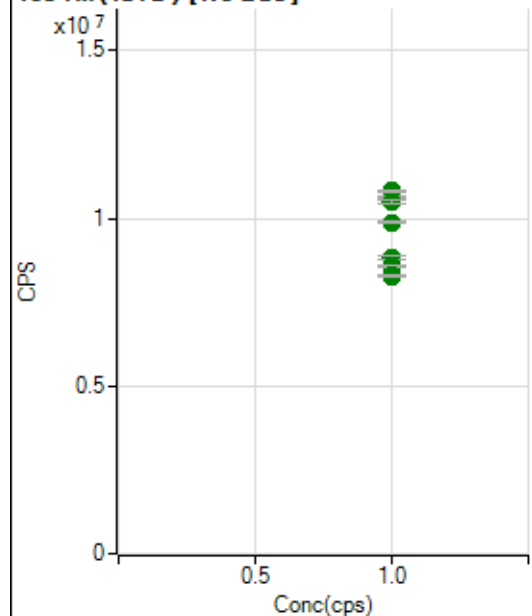
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		323692.09		P	0.3
2	☐	1.000					
3	☐	1.000		320986.25		P	2.1
4	☐	1.000		304036.17		P	0.5
5	☐	1.000		274356.62		P	0.3
6	☐	1.000		247055.73		P	0.2
7	☐	1.000		249517.35		P	0.5
8	☐	1.000		255472.74		P	0.9
9	☐	1.000		303552.92		P	1.4

89 Y (ISTD) [No Gas]

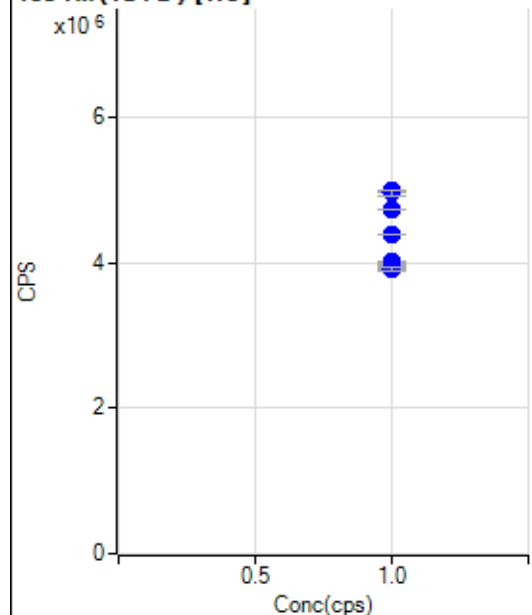
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11527226.08		A	0.3
2	☐	1.000					
3	☐	1.000		11650098.30		A	0.2
4	☐	1.000		11327809.69		A	0.5
5	☐	1.000		10828613.59		A	0.5
6	☐	1.000		9793387.22		A	1.2
7	☐	1.000		9638611.11		A	0.7
8	☐	1.000		9595269.58		A	0.6
9	☐	1.000		10195245.26		A	0.8

89 Y(ISTD) [He]

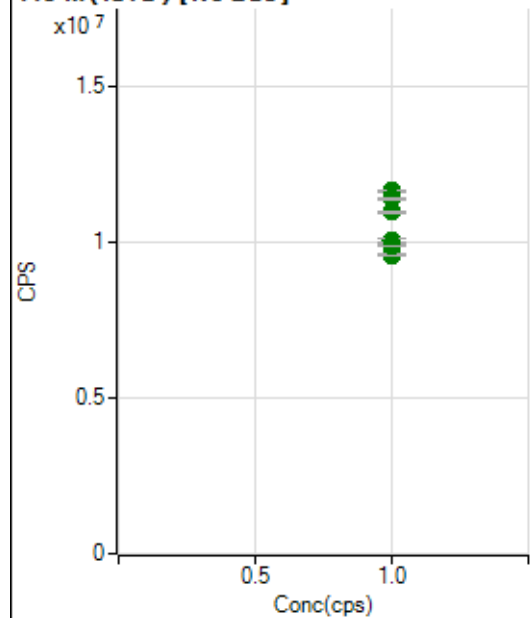
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1629269.84		P	0.5
2	☐	1.000					
3	☐	1.000		1619712.06		P	1.8
4	☐	1.000		1536760.96		P	0.5
5	☐	1.000		1429386.73		P	1.0
6	☐	1.000		1309662.13		P	0.6
7	☐	1.000		1316874.53		P	0.6
8	☐	1.000		1325631.83		P	0.9
9	☐	1.000		1474285.07		P	1.5

103 Rh(ISTD) [No Gas]

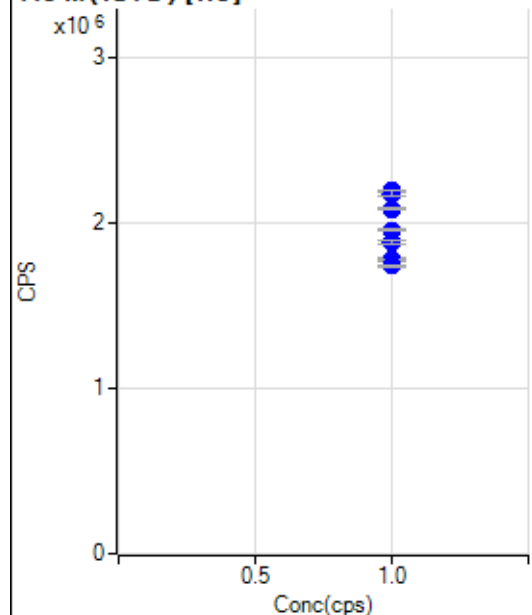
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10629207.88		A	0.7
2	☐	1.000					
3	☐	1.000		10814594.17		A	0.6
4	☐	1.000		10464521.59		A	1.1
5	☐	1.000		9884131.38		A	0.4
6	☐	1.000		8847184.57		A	1.4
7	☐	1.000		8590282.92		A	0.6
8	☐	1.000		8320459.82		A	0.3
9	☐	1.000		8265021.45		A	0.6

103 Rh (ISTD) [He]

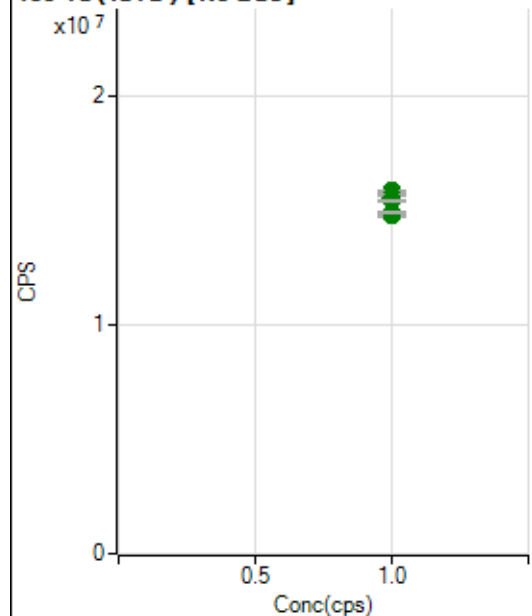
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4982789.68		P	0.8
2	☐	1.000					
3	☐	1.000		4953878.82		P	1.8
4	☐	1.000		4728311.35		P	0.3
5	☐	1.000		4386333.37		P	0.3
6	☐	1.000		4005073.45		P	0.3
7	☐	1.000		3985616.40		P	0.3
8	☐	1.000		3933854.49		P	1.1
9	☐	1.000		3906608.97		P	1.6

115 In (ISTD) [No Gas]

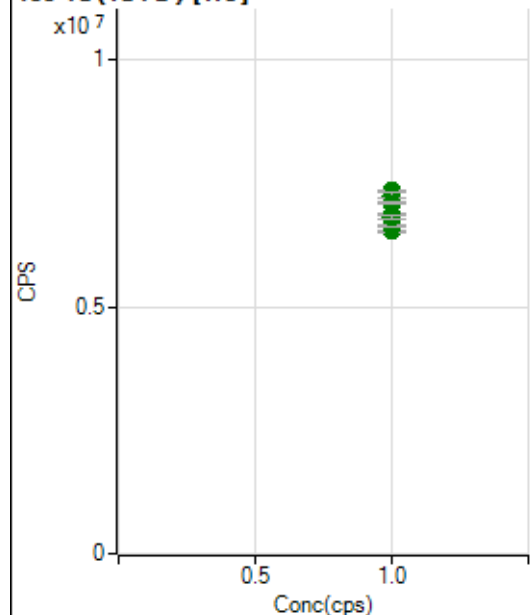
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11625664.13		A	0.6
2	☐	1.000					
3	☐	1.000		11650509.82		A	0.1
4	☐	1.000		11401460.70		A	0.8
5	☐	1.000		10961607.80		A	0.2
6	☐	1.000		10062171.15		A	1.2
7	☐	1.000		9926333.85		A	0.5
8	☐	1.000		9599649.78		A	0.4
9	☐	1.000		9887654.35		A	0.4

115 In (ISTD) [He]

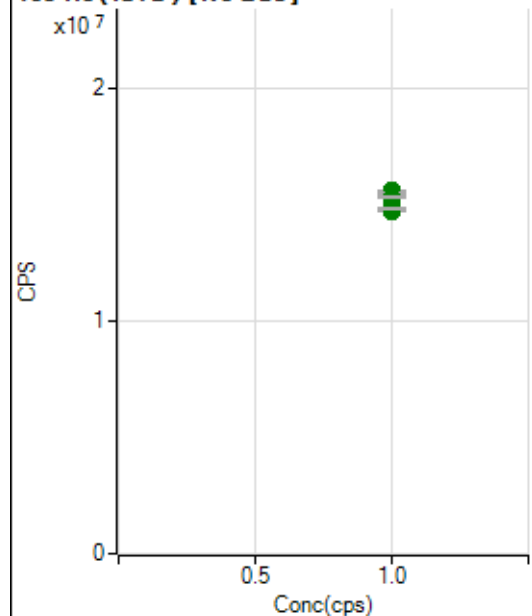
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2193069.61		P	0.6
2	☐	1.000					
3	☐	1.000		2178884.37		P	1.5
4	☐	1.000		2085714.25		P	0.2
5	☐	1.000		1953768.80		P	0.6
6	☐	1.000		1783801.62		P	0.3
7	☐	1.000		1771963.23		P	0.6
8	☐	1.000		1738367.37		P	1.1
9	☐	1.000		1881877.57		P	1.4

159 Tb (ISTD) [No Gas]

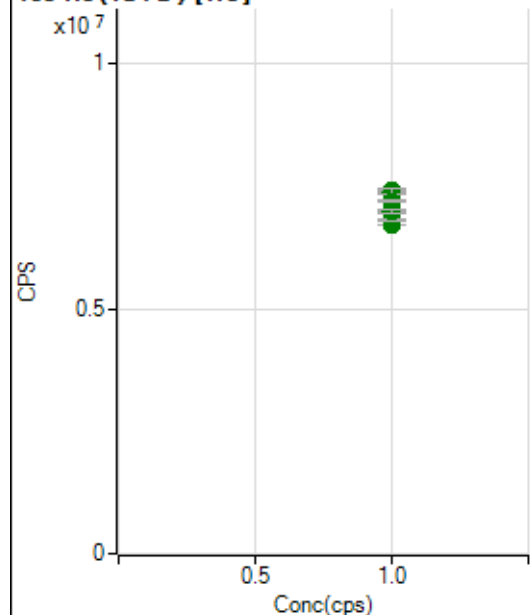
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15606383.52		A	1.1
2	☐	1.000					
3	☐	1.000		15874445.74		A	0.3
4	☐	1.000		15671829.91		A	0.4
5	☐	1.000		15456897.55		A	0.3
6	☐	1.000		14893709.50		A	0.6
7	☐	1.000		14833923.11		A	0.5
8	☐	1.000		14780979.78		A	0.3
9	☐	1.000		14924895.20		A	0.9

159 Tb (ISTD) [He]

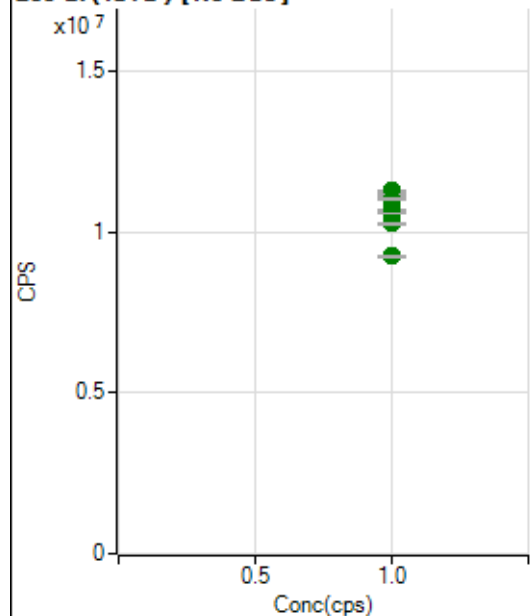
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7349183.78		A	0.2
2	☐	1.000					
3	☐	1.000		7254932.46		A	1.9
4	☐	1.000		7096266.84		A	0.5
5	☐	1.000		6863831.64		A	0.4
6	☐	1.000		6541206.85		A	0.6
7	☐	1.000		6619974.28		A	0.2
8	☐	1.000		6652768.03		A	0.6
9	☐	1.000		6831937.33		A	1.1

165 Ho (ISTD) [No Gas]

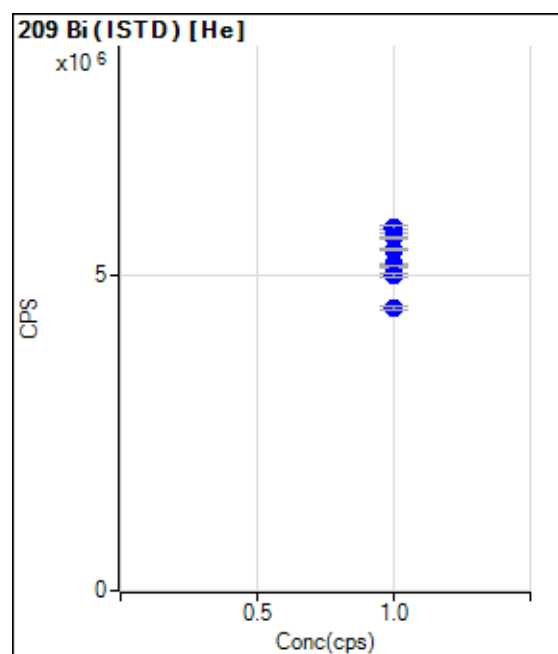
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		15484014.58		A	0.2
2	☐	1.000					
3	☐	1.000		15573174.83		A	0.7
4	☐	1.000		15480619.79		A	0.6
5	☐	1.000		15290197.04		A	0.6
6	☐	1.000		14711352.07		A	0.3
7	☐	1.000		14830062.66		A	0.3
8	☐	1.000		14767581.23		A	0.2
9	☐	1.000		14808300.16		A	0.5

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7408114.54		A	0.2
2	☐	1.000					
3	☐	1.000		7389323.92		A	1.7
4	☐	1.000		7194176.42		A	0.3
5	☐	1.000		6992656.08		A	0.3
6	☐	1.000		6709984.00		A	0.3
7	☐	1.000		6789816.36		A	0.5
8	☐	1.000		6818554.14		A	0.8
9	☐	1.000		6987344.62		A	0.9

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11273210.94		A	0.4
2	☐	1.000					
3	☐	1.000		11241433.58		A	0.4
4	☐	1.000		11149642.75		A	0.1
5	☐	1.000		11023753.86		A	0.5
6	☐	1.000		10673734.21		A	0.3
7	☐	1.000		10582963.52		A	0.4
8	☐	1.000		10259290.47		A	0.6
9	☐	1.000		9232797.85		A	0.4



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5738870.40		P	1.0
2	☐	1.000					
3	☐	1.000		5714518.66		P	1.8
4	☐	1.000		5586243.53		P	0.7
5	☐	1.000		5393963.25		P	0.4
6	☐	1.000		5165017.35		P	0.5
7	☐	1.000		5110417.77		P	0.6
8	☐	1.000		4995803.92		P	1.1
9	☐	1.000		4478901.08		P	1.1

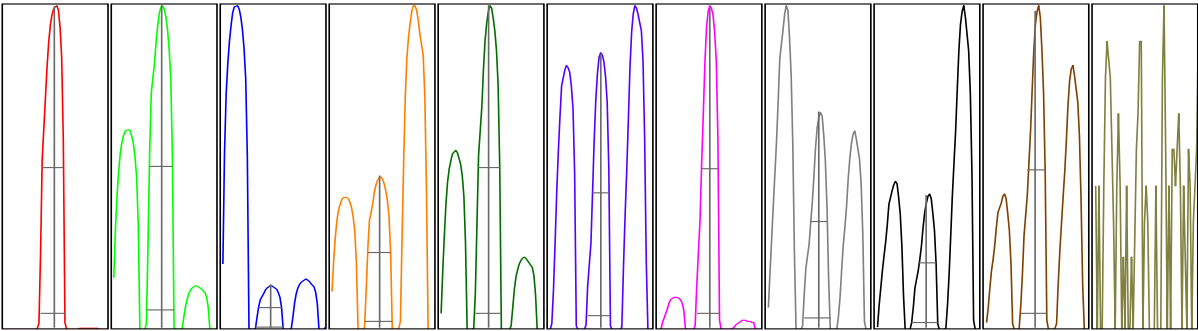
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7112618-MS .b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]				
Mass	Count	RSD%	RSD%	RSD%
	(Mean)	(Actual)	(Required)	(Flag)
9	14706	1.67	5.00	
24	126195	1.37	5.00	
25	16746	1.40	5.00	
26	19319	1.11	5.00	
59	112407	1.28	5.00	
113	14542	1.15	5.00	
115	170153	1.16	5.00	
206	47490	1.13	5.00	
207	43275	1.29	5.00	
208	102891	1.01	5.00	
220	0	62.83		

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	14953	14622	14626	14951	14379
24	127565	125690	125561	128251	123909
25	16935	16644	16660	17033	16459
26	19450	19254	19276	19592	19024
59	113507	111543	111811	114313	110862
113	14637	14445	14495	14779	14354
115	170770	169858	168989	173153	167995
206	47662	47203	47271	48341	46973
207	43709	43005	42870	44023	42766
208	102998	102010	102445	104630	102370
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	25126	9.00	8.9 - 9.1		0.740	0.900	
24	203105	23.95	23.9 - 24.1		0.786	0.900	
25	27158	24.95	24.9 - 25.1		0.787	0.900	
26	31366	25.95	25.9 - 26.1		0.785	0.900	
59	196182	58.95	58.9 - 59.1		0.772	0.900	
113	29076	113.05	112.9 - 113.1		0.685	0.900	
115	340607	115.05	114.9 - 115.1		0.682	0.900	
206	95912	206.05	205.9 - 206.1		0.777	0.900	
207	86325	207.00	206.9 - 207.1		0.751	0.900	
208	205637	208.00	207.9 - 208.1		0.764	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
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.5	V	Deflect	14.2	V
Extract 2	-140.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-75	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	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	28083	0.52	
89	34319	0.75	
205	37143	0.86	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	28270	28195	28036	28003	27910
89	34489	34667	34241	34167	34028
205	37457	37480	36734	37054	36990

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
RF Power	1600	W	Carrier Gas	0.80	L/min	S/C Temp		2 °C
RF Matching	1.80	V	Option Gas	0.0	%	Gas Switch		Dilution Gas
Smpl Depth	9.0	mm	Nebulizer Pump	0.10	rpm	Makeup/Dilution Gas		0.37 L/min

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.5	V	Deflect	1.6	V
Extract 2	-135.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-70	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	4.1	mL/min	OctP RF	200	V			

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.05	0.05	0.00	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	135-1	-0.01	0.01	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	0.00	0.00	0.00	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	-0.07	0.08	0.00	N/A	ppb
Boron	11-1	0.00	-0.04	0.04	0.00	N/A	ppb
Cadmium	111-1	0.00	0.00	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.06	-0.02	0.08	0.00	N/A	ppb
Cadmium	108-1	-0.04	0.03	0.00	0.00	N/A	ppb
Calcium	43-1	-0.33	1.59	-1.27	0.00	N/A	ppb
Calcium	44-1	0.40	0.01	-0.40	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	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.02	0.00	0.02	0.00	N/A	ppb
Iron	57-2	-0.31	0.27	0.03	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.06	0.00	0.06	0.00	N/A	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.00	0.00	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	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-5.35	-13.74	6.06	-4.34		ppb
Potassium	39-2	-0.54	0.03	0.51	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.04	-0.23	0.26	0.00	N/A	ppb
Selenium	82-1	-0.10	-0.06	0.16	0.00	N/A	ppb
Silicon	28-1	0.35	-0.05	-0.30	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	0.29	0.27	-0.56	0.00	N/A	ppb
Strontium	86-1	0.01	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	81.83	10.83	-110.78	-6.04		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.00	-0.01	0.01	0.00	N/A	ppb
Titanium	47-1	-0.02	0.02	0.00	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.03	-0.03	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.18	18.35	20.41	19.65	5.75	ppb
Antimony	121-1	2.16	2.14	2.13	2.14	0.74	ppb
Arsenic	75-2	1.20	1.12	1.08	1.13	5.15	ppb
Barium	135-1	10.68	10.71	10.58	10.66	0.65	ppb
Barium	137-1	10.62	10.66	10.48	10.59	0.91	ppb
Beryllium	9-1	1.02	1.13	1.03	1.06	5.93	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	24.20	25.43	25.86	25.16	3.43	ppb
Boron	11-1	24.68	24.62	24.91	24.74	0.61	ppb
Cadmium	111-1	1.22	1.08	1.16	1.15	6.17	ppb
Cadmium	106-1	0.78	-0.05	0.93	0.55	95.93	ppb
Cadmium	108-1	1.03	1.42	1.31	1.26	15.99	ppb
Calcium	43-1	477.58	497.34	479.61	484.84	2.24	ppb
Calcium	44-1	484.82	482.59	482.74	483.38	0.26	ppb
Chromium	52-2	2.20	2.20	2.29	2.23	2.33	ppb
Cobalt	59-2	1.08	1.08	1.09	1.08	0.95	ppb
Copper	63-2	2.33	2.22	2.38	2.31	3.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	53.66	52.72	54.89	53.76	2.02	ppb
Iron	57-2	56.06	51.68	54.07	53.94	4.07	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.03	1.00	1.03	2.58	ppb
Lead	207-1	1.00	0.99	0.99	0.99	0.79	ppb
Lead	208-1	1.01	1.01	0.99	1.01	1.07	ppb
Lithium	6-1				101		%
Magnesium	24-2	484.09	475.94	494.36	484.80	1.90	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	1.07	1.10	1.08	1.63	ppb
Molybdenum	94-1	5.01	5.22	5.14	5.13	2.12	ppb
Molybdenum	95-1	5.09	5.11	5.15	5.12	0.51	ppb
Molybdenum	96-1	5.38	5.20	5.19	5.26	2.13	ppb
Molybdenum	97-1	5.01	4.95	4.96	4.98	0.64	ppb
Molybdenum	98-1	5.11	5.12	5.17	5.13	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.14	1.19	1.23	1.19	3.76	ppb
Phosphorus	31-2	-2.95	10.67	5.30	4.34	158.02	ppb
Potassium	39-2	494.50	486.94	513.97	498.47	2.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	3.14	5.18	6.59	4.97	34.84	ppb
Selenium	78-2	5.13	4.69	5.03	4.95	4.72	ppb
Selenium	82-1	5.50	5.08	5.33	5.31	3.96	ppb
Silicon	28-1	13.95	13.60	13.57	13.71	1.54	ppb
Silver	109-1	1.17	1.20	1.22	1.20	2.24	ppb
Silver	107-1	1.20	1.23	1.23	1.22	1.52	ppb
Sodium	23-2	484.53	478.23	497.91	486.89	2.06	ppb
Strontium	86-1	1.02	1.13	1.11	1.08	5.60	ppb
Strontium	88-1	1.04	1.04	1.03	1.03	0.67	ppb
Sulfur	34-1	-26.29	44.06	0.36	6.04	587.89	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.01	1.01	1.00	1.00	0.62	ppb
Thallium	205-1	0.99	0.99	1.00	0.99	0.86	ppb
Thorium	232-1	0.93	0.94	0.93	0.93	0.65	ppb
Tin	118-1	5.58	5.43	5.45	5.48	1.46	ppb
Titanium	47-1	5.16	5.23	5.29	5.23	1.16	ppb
Uranium	238-1	0.93	0.94	0.96	0.94	1.90	ppb
Vanadium	51-2	5.11	5.00	5.20	5.10	1.89	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.50	2.26	2.44	2.40	5.16	ppb
Zirconium	90-1	1.04	1.05	1.05	1.05	0.56	ppb
Zirconium	91-1	1.04	1.02	1.04	1.03	1.02	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	967.30	941.85	951.64	953.60	1.35	ppb
Antimony	121-1	54.21	53.78	53.54	53.85	0.63	ppb
Arsenic	75-2	52.76	51.96	53.34	52.68	1.32	ppb
Barium	135-1	266.84	266.77	268.31	267.31	0.33	ppb
Barium	137-1	265.24	265.90	266.79	265.98	0.29	ppb
Beryllium	9-1	52.56	52.65	52.92	52.71	0.35	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	49.71	51.55	50.43	50.57	1.83	ppb
Boron	11-1	50.10	50.37	51.32	50.60	1.27	ppb
Cadmium	111-1	57.89	57.37	57.42	57.56	0.50	ppb
Cadmium	106-1	56.25	58.46	56.74	57.15	2.03	ppb
Cadmium	108-1	58.35	56.78	56.75	57.29	1.60	ppb
Calcium	43-1	4890.92	4926.62	4933.19	4916.91	0.46	ppb
Calcium	44-1	4834.09	4835.91	4881.79	4850.60	0.56	ppb
Chromium	52-2	51.91	51.51	51.26	51.56	0.63	ppb
Cobalt	59-2	53.35	52.68	52.77	52.93	0.69	ppb
Copper	63-2	109.18	107.10	107.63	107.97	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				100		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	2637.79	2601.58	2611.59	2616.99	0.71	ppb
Iron	57-2	2655.90	2610.63	2661.64	2642.72	1.06	ppb
Krypton	83-1						cps
Lead	206-1	49.34	48.93	49.03	49.10	0.43	ppb
Lead	207-1	49.25	48.97	48.75	48.99	0.51	ppb
Lead	208-1	49.31	49.21	49.10	49.21	0.22	ppb
Lithium	6-1				99		%
Magnesium	24-2	4905.64	4809.70	4870.35	4861.90	1.00	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	103.91	101.82	102.70	102.81	1.02	ppb
Molybdenum	94-1	252.44	250.49	251.32	251.42	0.39	ppb
Molybdenum	95-1	254.00	249.95	252.66	252.20	0.82	ppb
Molybdenum	96-1	252.89	250.72	253.07	252.23	0.52	ppb
Molybdenum	97-1	252.50	249.04	251.13	250.89	0.70	ppb
Molybdenum	98-1	252.57	250.44	252.09	251.70	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.59	54.55	53.88	54.34	0.74	ppb
Phosphorus	31-2	1029.02	1018.83	1000.50	1016.12	1.42	ppb
Potassium	39-2	2485.34	2423.80	2482.70	2463.95	1.41	ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	54.66	50.73	57.59	54.33	6.34	ppb
Selenium	78-2	53.17	51.08	53.85	52.70	2.74	ppb
Selenium	82-1	54.14	52.51	52.56	53.07	1.74	ppb
Silicon	28-1	54.36	55.29	56.06	55.24	1.54	ppb
Silver	109-1	58.96	58.58	58.40	58.65	0.49	ppb
Silver	107-1	58.87	58.93	58.17	58.66	0.72	ppb
Sodium	23-2	4883.53	4832.15	4856.40	4857.36	0.53	ppb
Strontium	86-1	50.66	51.03	51.61	51.10	0.94	ppb
Strontium	88-1	50.31	50.11	50.50	50.31	0.40	ppb
Sulfur	34-1	1243.37	1308.78	1275.52	1275.89	2.56	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	49.31	49.01	48.95	49.09	0.39	ppb
Thallium	205-1	49.40	48.86	48.53	48.93	0.89	ppb
Thorium	232-1	46.23	46.02	46.36	46.20	0.37	ppb
Tin	118-1	54.54	54.33	53.69	54.19	0.82	ppb
Titanium	47-1	253.60	251.46	253.88	252.98	0.52	ppb
Uranium	238-1	45.93	46.00	46.43	46.12	0.59	ppb
Vanadium	51-2	51.63	50.89	50.96	51.16	0.80	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	106.37	105.38	106.08	105.94	0.48	ppb
Zirconium	90-1	50.07	50.05	50.31	50.14	0.28	ppb
Zirconium	91-1	51.10	51.49	51.58	51.39	0.50	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2424.76	2412.28	2394.59	2410.54	0.63	ppb
Antimony	121-1	134.64	134.85	134.09	134.52	0.29	ppb
Arsenic	75-2	131.14	129.62	131.11	130.62	0.67	ppb
Barium	135-1	666.84	656.35	663.32	662.17	0.81	ppb
Barium	137-1	666.31	655.22	657.05	659.53	0.90	ppb
Beryllium	9-1	132.94	131.28	131.22	131.82	0.74	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	125.91	126.54	125.64	126.03	0.37	ppb
Boron	11-1	126.32	126.51	126.76	126.53	0.18	ppb
Cadmium	111-1	143.55	140.71	141.22	141.83	1.07	ppb
Cadmium	106-1	142.14	138.51	139.68	140.11	1.32	ppb
Cadmium	108-1	145.80	144.58	140.56	143.65	1.91	ppb
Calcium	43-1	12419.33	12165.89	12312.51	12299.24	1.03	ppb
Calcium	44-1	12232.31	12120.14	12224.29	12192.25	0.51	ppb
Chromium	52-2	131.39	129.68	129.23	130.10	0.88	ppb
Cobalt	59-2	134.06	133.05	132.48	133.20	0.60	ppb
Copper	63-2	272.35	271.46	267.98	270.59	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				94		%
Indium	115-2				89		%
Iron	56-2	6703.89	6661.34	6643.35	6669.53	0.47	ppb
Iron	57-2	6743.29	6692.08	6689.93	6708.43	0.45	ppb
Krypton	83-1						cps
Lead	206-1	124.22	122.65	124.07	123.65	0.70	ppb
Lead	207-1	124.72	123.10	124.27	124.03	0.68	ppb
Lead	208-1	124.82	123.33	124.48	124.21	0.63	ppb
Lithium	6-1				92		%
Magnesium	24-2	12340.53	12277.40	12162.10	12260.01	0.74	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.96	261.13	260.05	261.38	0.56	ppb
Molybdenum	94-1	638.61	633.72	636.08	636.14	0.38	ppb
Molybdenum	95-1	636.71	636.88	634.36	635.98	0.22	ppb
Molybdenum	96-1	636.55	635.38	632.42	634.78	0.34	ppb
Molybdenum	97-1	636.52	629.56	627.36	631.15	0.76	ppb
Molybdenum	98-1	636.62	629.88	628.39	631.63	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	136.15	134.17	134.79	135.03	0.75	ppb
Phosphorus	31-2	2626.37	2702.63	2574.14	2634.38	2.45	ppb
Potassium	39-2	6154.65	6133.42	6120.87	6136.31	0.28	ppb
Rhodium	103-1				93		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				85		%
Selenium	77-2	138.83	126.72	134.19	133.25	4.58	ppb
Selenium	78-2	135.70	130.12	128.48	131.43	2.88	ppb
Selenium	82-1	134.18	132.97	134.14	133.76	0.51	ppb
Silicon	28-1	140.64	140.40	141.10	140.71	0.25	ppb
Silver	109-1	144.30	141.61	141.85	142.59	1.05	ppb
Silver	107-1	142.48	142.01	139.61	141.37	1.09	ppb
Sodium	23-2	12299.36	12193.05	12056.64	12183.02	1.00	ppb
Strontium	86-1	128.91	128.44	128.11	128.49	0.31	ppb
Strontium	88-1	127.11	126.09	126.14	126.44	0.45	ppb
Sulfur	34-1	2804.35	2675.16	2594.18	2691.23	3.94	ppb
Terbium	159-1				99		%
Terbium	159-2				93		%
Thallium	203-1	125.07	123.42	124.37	124.29	0.66	ppb
Thallium	205-1	124.52	123.01	123.85	123.79	0.61	ppb
Thorium	232-1	119.17	118.63	119.79	119.20	0.49	ppb
Tin	118-1	134.66	134.23	134.04	134.31	0.23	ppb
Titanium	47-1	640.58	634.16	635.26	636.66	0.54	ppb
Uranium	238-1	117.92	117.66	118.27	117.95	0.26	ppb
Vanadium	51-2	129.69	128.49	128.80	128.99	0.48	ppb
Yttrium	89-1				94		%
Yttrium	89-2				88		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	273.32	272.73	268.06	271.37	1.06	ppb
Zirconium	90-1	127.17	126.12	126.69	126.66	0.41	ppb
Zirconium	91-1	130.17	127.72	129.43	129.11	0.97	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4765.97	4772.21	4769.22	4769.14	0.07	ppb
Antimony	121-1	257.26	257.78	255.64	256.89	0.43	ppb
Arsenic	75-2	256.89	254.04	252.70	254.54	0.84	ppb
Barium	135-1	1267.15	1274.44	1270.54	1270.71	0.29	ppb
Barium	137-1	1269.58	1274.03	1266.26	1269.95	0.31	ppb
Beryllium	9-1	258.71	258.06	258.19	258.32	0.13	ppb
Bismuth	209-1				95		%
Bismuth	209-2				90		%
Boron	10-1	248.16	252.54	256.64	252.45	1.68	ppb
Boron	11-1	246.10	250.77	256.64	251.17	2.10	ppb
Cadmium	111-1	268.97	267.23	265.56	267.25	0.64	ppb
Cadmium	106-1	263.75	267.03	263.21	264.66	0.78	ppb
Cadmium	108-1	266.70	268.76	263.11	266.19	1.07	ppb
Calcium	43-1	24522.58	24542.01	24618.27	24560.95	0.21	ppb
Calcium	44-1	24275.83	24255.69	24403.67	24311.73	0.33	ppb
Chromium	52-2	258.14	256.54	258.61	257.77	0.42	ppb
Cobalt	59-2	262.90	259.97	262.15	261.67	0.58	ppb
Copper	63-2	528.34	529.62	531.68	529.88	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				91		%
Indium	115-1				87		%
Indium	115-2				81		%
Iron	56-2	13323.70	13219.42	13277.16	13273.42	0.39	ppb
Iron	57-2	13309.84	13335.76	13428.45	13358.01	0.47	ppb
Krypton	83-1						cps
Lead	206-1	243.35	246.66	246.00	245.34	0.71	ppb
Lead	207-1	245.18	247.61	248.75	247.18	0.74	ppb
Lead	208-1	245.98	248.10	248.80	247.63	0.59	ppb
Lithium	6-1				81		%
Magnesium	24-2	24493.70	24314.07	24475.33	24427.70	0.40	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	516.20	516.41	520.04	517.55	0.42	ppb
Molybdenum	94-1	1257.92	1271.17	1261.50	1263.53	0.54	ppb
Molybdenum	95-1	1261.50	1267.72	1261.50	1263.57	0.28	ppb
Molybdenum	96-1	1267.75	1261.22	1258.56	1262.51	0.37	ppb
Molybdenum	97-1	1244.80	1245.67	1242.25	1244.24	0.14	ppb
Molybdenum	98-1	1266.32	1264.68	1258.97	1263.32	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	264.39	264.16	264.76	264.44	0.11	ppb
Phosphorus	31-2	5178.11	5069.73	5112.85	5120.23	1.07	ppb
Potassium	39-2	12054.84	12064.08	12095.89	12071.60	0.18	ppb
Rhodium	103-1				83		%
Rhodium	103-2				80		%
Scandium	45-1				79		%
Scandium	45-2				76		%
Selenium	77-2	258.30	280.76	248.78	262.61	6.25	ppb
Selenium	78-2	263.17	266.62	254.01	261.27	2.49	ppb
Selenium	82-1	263.44	263.38	262.49	263.10	0.20	ppb
Silicon	28-1	278.18	284.98	287.20	283.46	1.66	ppb
Silver	109-1	265.21	263.42	262.28	263.64	0.56	ppb
Silver	107-1	261.97	259.34	259.37	260.23	0.58	ppb
Sodium	23-2	24536.56	24426.89	24502.05	24488.50	0.23	ppb
Strontium	86-1	255.47	256.17	256.19	255.94	0.16	ppb
Strontium	88-1	252.10	255.00	251.86	252.99	0.69	ppb
Sulfur	34-1	4851.28	4745.72	4835.08	4810.69	1.18	ppb
Terbium	159-1				95		%
Terbium	159-2				89		%
Thallium	203-1	246.79	246.03	247.58	246.80	0.31	ppb
Thallium	205-1	247.13	248.77	247.28	247.73	0.37	ppb
Thorium	232-1	243.16	243.16	240.79	242.37	0.56	ppb
Tin	118-1	256.29	256.73	254.39	255.80	0.49	ppb
Titanium	47-1	1255.15	1256.50	1259.88	1257.18	0.19	ppb
Uranium	238-1	241.23	243.49	239.36	241.36	0.86	ppb
Vanadium	51-2	254.32	252.82	256.91	254.69	0.81	ppb
Yttrium	89-1				85		%
Yttrium	89-2				80		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	535.49	540.45	541.98	539.31	0.63	ppb
Zirconium	90-1	249.41	253.19	251.72	251.44	0.76	ppb
Zirconium	91-1	253.48	254.73	255.49	254.57	0.40	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9510.86	9487.72	9447.54	9482.04	0.34	ppb
Antimony	121-1	510.95	513.50	512.29	512.25	0.25	ppb
Arsenic	75-2	509.98	508.43	507.78	508.73	0.22	ppb
Barium	135-1	2531.00	2555.79	2531.28	2539.36	0.56	ppb
Barium	137-1	2542.93	2552.06	2526.67	2540.55	0.51	ppb
Beryllium	9-1	509.85	515.09	514.16	513.04	0.54	ppb
Bismuth	209-1				94		%
Bismuth	209-2				89		%
Boron	10-1	500.85	508.07	510.80	506.57	1.01	ppb
Boron	11-1	494.09	507.33	513.22	504.88	1.94	ppb
Cadmium	111-1	520.74	523.80	521.62	522.05	0.30	ppb
Cadmium	106-1	511.88	531.69	511.54	518.37	2.23	ppb
Cadmium	108-1	513.24	522.72	521.23	519.07	0.98	ppb
Calcium	43-1	48861.85	48984.92	48893.02	48913.26	0.13	ppb
Calcium	44-1	48531.31	48908.10	48692.19	48710.53	0.39	ppb
Chromium	52-2	510.66	509.15	505.63	508.48	0.51	ppb
Cobalt	59-2	513.64	513.88	511.25	512.92	0.28	ppb
Copper	63-2	1029.33	1029.63	1021.72	1026.89	0.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				92		%
Indium	115-1				85		%
Indium	115-2				81		%
Iron	56-2	26502.39	26339.13	26189.73	26343.75	0.59	ppb
Iron	57-2	26389.93	26378.11	26266.05	26344.70	0.26	ppb
Krypton	83-1						cps
Lead	206-1	498.82	499.39	505.51	501.24	0.74	ppb
Lead	207-1	490.11	501.13	489.88	493.71	1.30	ppb
Lead	208-1	497.12	500.54	501.22	499.63	0.44	ppb
Lithium	6-1				79		%
Magnesium	24-2	48824.69	48382.33	48297.06	48501.36	0.58	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1026.43	1030.48	1021.62	1026.18	0.43	ppb
Molybdenum	94-1	2509.79	2531.07	2554.22	2531.69	0.88	ppb
Molybdenum	95-1	2509.36	2530.42	2554.39	2531.39	0.89	ppb
Molybdenum	96-1	2525.98	2529.80	2548.10	2534.62	0.47	ppb
Molybdenum	97-1	2523.37	2537.91	2550.50	2537.26	0.54	ppb
Molybdenum	98-1	2515.91	2536.79	2549.34	2534.01	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.08	517.99	513.25	516.44	0.54	ppb
Phosphorus	31-2	10205.80	10161.65	9968.13	10111.86	1.25	ppb
Potassium	39-2	23949.58	23693.60	23686.09	23776.43	0.63	ppb
Rhodium	103-1				81		%
Rhodium	103-2				80		%
Scandium	45-1				77		%
Scandium	45-2				77		%
Selenium	77-2	518.07	515.14	515.21	516.14	0.32	ppb
Selenium	78-2	517.03	518.78	517.92	517.91	0.17	ppb
Selenium	82-1	521.53	524.96	529.93	525.47	0.80	ppb
Silicon	28-1	536.71	544.87	547.90	543.16	1.07	ppb
Silver	109-1	512.98	518.56	516.48	516.01	0.55	ppb
Silver	107-1	509.80	519.41	515.34	514.85	0.94	ppb
Sodium	23-2	49149.83	48698.16	48607.31	48818.43	0.60	ppb
Strontium	86-1	507.85	507.27	511.28	508.80	0.43	ppb
Strontium	88-1	503.08	506.19	510.48	506.58	0.73	ppb
Sulfur	34-1	9928.06	9949.66	9901.16	9926.29	0.24	ppb
Terbium	159-1				95		%
Terbium	159-2				90		%
Thallium	203-1	504.51	501.18	504.66	503.45	0.39	ppb
Thallium	205-1	505.07	498.51	503.65	502.41	0.69	ppb
Thorium	232-1	496.13	499.04	497.60	497.59	0.29	ppb
Tin	118-1	502.01	506.94	504.36	504.44	0.49	ppb
Titanium	47-1	2503.76	2519.15	2493.84	2505.58	0.51	ppb
Uranium	238-1	495.26	496.71	500.74	497.57	0.57	ppb
Vanadium	51-2	510.47	507.36	503.34	507.06	0.70	ppb
Yttrium	89-1				84		%
Yttrium	89-2				81		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1053.65	1069.47	1055.31	1059.48	0.82	ppb
Zirconium	90-1	503.00	504.71	506.55	504.76	0.35	ppb
Zirconium	91-1	504.04	507.62	509.52	507.06	0.55	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:57:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19076.85	18963.19	18953.37	18997.80	0.36	ppb
Antimony	121-1	990.61	992.10	989.60	990.77	0.13	ppb
Arsenic	75-2	994.52	998.14	988.33	993.66	0.50	ppb
Barium	135-1	4969.01	4982.14	4957.75	4969.63	0.25	ppb
Barium	137-1	4943.66	4992.07	4973.12	4969.62	0.49	ppb
Beryllium	9-1	986.59	995.40	989.25	990.41	0.46	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	982.45	1000.00	1005.38	995.94	1.20	ppb
Boron	11-1	984.59	1002.40	1004.17	997.05	1.09	ppb
Cadmium	111-1	976.06	983.96	986.52	982.18	0.56	ppb
Cadmium	106-1	988.80	981.39	984.51	984.90	0.38	ppb
Cadmium	108-1	981.65	991.93	977.59	983.72	0.75	ppb
Calcium	43-1	95711.12	96166.79	95981.62	95953.18	0.24	ppb
Calcium	44-1	95410.31	96283.86	95735.74	95809.97	0.46	ppb
Chromium	52-2	996.79	991.96	990.55	993.10	0.33	ppb
Cobalt	59-2	996.95	987.45	983.95	989.45	0.68	ppb
Copper	63-2	1992.76	1969.79	1965.80	1976.11	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				92		%
Indium	115-1				83		%
Indium	115-2				79		%
Iron	56-2	51535.23	50676.25	50594.99	50935.49	1.02	ppb
Iron	57-2	51588.34	51220.97	51104.14	51304.49	0.49	ppb
Krypton	83-1						cps
Lead	206-1	1000.44	1009.30	992.54	1000.76	0.84	ppb
Lead	207-1	1003.34	1009.24	999.49	1004.02	0.49	ppb
Lead	208-1	1000.77	1006.20	995.78	1000.92	0.52	ppb
Lithium	6-1				79		%
Magnesium	24-2	95652.14	95295.61	95007.56	95318.43	0.34	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:57:31	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1992.92	1979.80	1970.16	1980.96	0.58	ppb
Molybdenum	94-1	4985.38	4961.48	4991.06	4979.31	0.32	ppb
Molybdenum	95-1	4992.67	4971.32	4974.29	4979.43	0.23	ppb
Molybdenum	96-1	5001.98	4965.57	4967.13	4978.23	0.41	ppb
Molybdenum	97-1	4988.46	4971.76	4985.77	4982.00	0.18	ppb
Molybdenum	98-1	5002.50	4979.80	4953.96	4978.75	0.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	987.87	984.31	987.92	986.70	0.21	ppb
Phosphorus	31-2	19923.84	19931.85	19833.54	19896.41	0.27	ppb
Potassium	39-2	47378.00	47061.54	47086.89	47175.48	0.37	ppb
Rhodium	103-1				78		%
Rhodium	103-2				79		%
Scandium	45-1				77		%
Scandium	45-2				79		%
Selenium	77-2	1004.68	953.87	1004.03	987.53	2.95	ppb
Selenium	78-2	984.00	996.23	981.64	987.29	0.79	ppb
Selenium	82-1	982.69	980.11	985.41	982.74	0.27	ppb
Silicon	28-1	954.85	973.92	974.60	967.79	1.16	ppb
Silver	109-1	979.14	991.91	986.82	985.96	0.65	ppb
Silver	107-1	986.78	990.00	985.84	987.54	0.22	ppb
Sodium	23-2	97671.17	96744.91	96386.68	96934.25	0.68	ppb
Strontium	86-1	994.98	992.06	993.83	993.62	0.15	ppb
Strontium	88-1	995.86	996.82	994.62	995.77	0.11	ppb
Sulfur	34-1	20088.65	20048.35	20002.44	20046.48	0.22	ppb
Terbium	159-1				95		%
Terbium	159-2				91		%
Thallium	203-1	992.19	1011.87	993.57	999.21	1.10	ppb
Thallium	205-1	1000.00	1006.58	992.12	999.57	0.72	ppb
Thorium	232-1	996.86	1008.95	1006.28	1004.03	0.63	ppb
Tin	118-1	991.91	997.55	995.41	994.96	0.29	ppb
Titanium	47-1	4987.00	5012.84	4981.58	4993.81	0.33	ppb
Uranium	238-1	995.03	1015.09	1003.23	1004.45	1.00	ppb
Vanadium	51-2	997.46	992.69	994.08	994.74	0.25	ppb
Yttrium	89-1				83		%
Yttrium	89-2				81		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:57:31	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1961.91	1961.54	1948.95	1957.47	0.38	ppb
Zirconium	90-1	1001.77	997.38	992.00	997.05	0.49	ppb
Zirconium	91-1	999.55	991.47	993.22	994.75	0.43	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:01:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99910.20	100713.61	100175.63	100266.48	0.41	ppb
Antimony	121-1	1.65	1.72	1.68	1.68	2.25	ppb
Arsenic	75-2	1.59	1.51	1.55	1.55	2.60	ppb
Barium	135-1	1.12	1.30	1.29	1.24	8.27	ppb
Barium	137-1	1.39	1.19	1.22	1.27	8.34	ppb
Beryllium	9-1	0.11	0.18	0.18	0.16	27.05	ppb
Bismuth	209-1				82		%
Bismuth	209-2				78		%
Boron	10-1	23.69	22.37	18.59	21.55	12.28	ppb
Boron	11-1	24.65	22.01	19.69	22.12	11.23	ppb
Cadmium	111-1	0.19	0.17	0.17	0.18	5.80	ppb
Cadmium	106-1	-0.55	-0.86	-0.59	-0.67		ppb
Cadmium	108-1	0.19	0.27	0.41	0.29	38.70	ppb
Calcium	43-1	499138.00	497963.58	505735.98	500945.86	0.84	ppb
Calcium	44-1	497227.50	499467.58	506336.62	501010.57	0.95	ppb
Chromium	52-2	44.71	44.67	44.57	44.65	0.16	ppb
Cobalt	59-2	12.34	12.41	12.32	12.36	0.36	ppb
Copper	63-2	4.72	4.83	4.92	4.83	2.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				85		%
Indium	115-2				86		%
Iron	56-2	249955.93	250346.05	248582.62	249628.20	0.37	ppb
Iron	57-2	249886.23	249619.03	249141.27	249548.84	0.15	ppb
Krypton	83-1						cps
Lead	206-1	1.49	1.42	1.47	1.46	2.27	ppb
Lead	207-1	1.43	1.41	1.38	1.40	1.80	ppb
Lead	208-1	1.45	1.43	1.43	1.43	1.08	ppb
Lithium	6-1				89		%
Magnesium	24-2	499660.80	503320.19	500385.57	501122.19	0.39	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:01:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	14.95	14.66	14.91	14.84	1.06	ppb
Molybdenum	94-1	6.64	6.62	6.42	6.56	1.81	ppb
Molybdenum	95-1	8.29	8.32	8.32	8.31	0.20	ppb
Molybdenum	96-1	9.51	9.28	9.34	9.38	1.26	ppb
Molybdenum	97-1	8.23	8.00	8.14	8.12	1.42	ppb
Molybdenum	98-1	8.32	8.00	8.09	8.14	2.04	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	35.18	35.55	35.83	35.52	0.92	ppb
Phosphorus	31-2	11.81	0.99	9.77	7.52	76.46	ppb
Potassium	39-2	250593.46	250502.11	251040.09	250711.89	0.11	ppb
Rhodium	103-1				78		%
Rhodium	103-2				78		%
Scandium	45-1				88		%
Scandium	45-2				94		%
Selenium	77-2	0.80	1.06	0.78	0.88	17.48	ppb
Selenium	78-2	-0.29	0.73	0.27	0.24	218.00	ppb
Selenium	82-1	0.47	0.32	0.42	0.40	18.59	ppb
Silicon	28-1	51.28	53.49	54.18	52.98	2.86	ppb
Silver	109-1	0.10	0.11	0.12	0.11	9.84	ppb
Silver	107-1	0.11	0.11	0.11	0.11	1.50	ppb
Sodium	23-2	498506.46	501668.95	502123.33	500766.25	0.39	ppb
Strontium	86-1	4.97	4.94	4.63	4.85	3.93	ppb
Strontium	88-1	4.81	4.85	4.83	4.83	0.34	ppb
Sulfur	34-1	-500.98	-428.63	-214.05	-381.22		ppb
Terbium	159-1				96		%
Terbium	159-2				93		%
Thallium	203-1	0.41	0.40	0.37	0.39	5.24	ppb
Thallium	205-1	0.42	0.39	0.40	0.41	2.77	ppb
Thorium	232-1	0.23	0.21	0.19	0.21	9.09	ppb
Tin	118-1	1.68	1.63	1.62	1.64	2.07	ppb
Titanium	47-1	2.24	2.44	2.52	2.40	5.95	ppb
Uranium	238-1	0.23	0.22	0.23	0.23	1.49	ppb
Vanadium	51-2	0.47	0.43	0.46	0.45	4.65	ppb
Yttrium	89-1				88		%
Yttrium	89-2				90		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:01:16	DataFile Name :	012CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	21.16	20.68	20.61	20.81	1.43	ppb
Zirconium	90-1	0.52	0.50	0.52	0.51	2.87	ppb
Zirconium	91-1	0.51	0.53	0.49	0.51	4.47	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:20:51	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	484.34	481.80	480.80	482.31	0.38	ppb
Antimony	121-1	200.05	200.61	199.02	199.90	0.40	ppb
Arsenic	75-2	200.65	200.88	198.49	200.01	0.66	ppb
Barium	135-1	101.69	101.59	100.24	101.17	0.80	ppb
Barium	137-1	101.25	100.96	101.70	101.30	0.37	ppb
Beryllium	9-1	98.79	98.92	97.26	98.32	0.94	ppb
Bismuth	209-1				102		%
Bismuth	209-2				99		%
Boron	10-1	530.92	526.51	527.61	528.35	0.44	ppb
Boron	11-1	533.65	528.21	529.72	530.52	0.53	ppb
Cadmium	111-1	107.54	107.46	105.55	106.85	1.06	ppb
Cadmium	106-1	204.62	203.50	204.42	204.18	0.29	ppb
Cadmium	108-1	161.53	161.98	158.45	160.65	1.20	ppb
Calcium	43-1	2170.43	2228.85	2208.19	2202.49	1.35	ppb
Calcium	44-1	2042.33	2036.88	2024.45	2034.55	0.45	ppb
Chromium	52-2	96.51	96.24	95.45	96.06	0.57	ppb
Cobalt	59-2	99.56	99.95	100.33	99.95	0.38	ppb
Copper	63-2	102.36	102.42	102.22	102.34	0.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	990.42	988.51	986.36	988.43	0.21	ppb
Iron	57-2	1008.58	1025.42	998.91	1010.97	1.33	ppb
Krypton	83-1						cps
Lead	206-1	190.94	189.93	190.88	190.58	0.30	ppb
Lead	207-1	185.29	183.34	183.85	184.16	0.55	ppb
Lead	208-1	188.42	186.26	186.94	187.21	0.59	ppb
Lithium	6-1				98		%
Magnesium	24-2	1114.04	1115.64	1110.66	1113.44	0.23	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:20:51	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.22	96.19	95.70	96.03	0.31	ppb
Molybdenum	94-1	1146.49	1146.19	1152.85	1148.51	0.33	ppb
Molybdenum	95-1	470.23	468.53	468.18	468.98	0.23	ppb
Molybdenum	96-1	556.94	553.71	551.31	553.99	0.51	ppb
Molybdenum	97-1	470.52	467.25	464.78	467.52	0.62	ppb
Molybdenum	98-1	472.07	470.81	466.95	469.94	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.09	102.23	102.32	101.88	0.67	ppb
Phosphorus	31-2	-6.44	-6.54	-15.20	-9.39		ppb
Potassium	39-2	1855.96	1883.55	1855.87	1865.13	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				95		%
Selenium	77-2	195.06	208.94	210.44	204.81	4.14	ppb
Selenium	78-2	202.73	200.42	199.79	200.98	0.77	ppb
Selenium	82-1	204.99	202.68	203.18	203.62	0.60	ppb
Silicon	28-1	408.45	408.67	406.53	407.88	0.29	ppb
Silver	109-1	108.38	108.86	107.01	108.08	0.89	ppb
Silver	107-1	107.58	107.88	107.59	107.69	0.16	ppb
Sodium	23-2	1862.18	1851.96	1847.79	1853.97	0.40	ppb
Strontium	86-1	550.26	548.82	550.41	549.83	0.16	ppb
Strontium	88-1	544.76	546.55	545.35	545.55	0.17	ppb
Sulfur	34-1	-264.02	-349.84	-373.05	-328.97		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	191.92	190.68	191.05	191.21	0.33	ppb
Thallium	205-1	192.90	192.33	193.87	193.03	0.40	ppb
Thorium	232-1	478.89	475.82	477.99	477.57	0.33	ppb
Tin	118-1	506.56	506.02	503.29	505.29	0.35	ppb
Titanium	47-1	473.61	472.86	467.17	471.21	0.75	ppb
Uranium	238-1	528.87	524.49	529.27	527.54	0.50	ppb
Vanadium	51-2	95.50	96.47	95.32	95.77	0.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:20:51	DataFile Name :	014ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	202.46	203.15	202.23	202.61	0.23	ppb
Zirconium	90-1	540.31	540.95	539.57	540.28	0.13	ppb
Zirconium	91-1	542.73	542.85	542.15	542.58	0.07	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	17.99	17.36	17.88	2.65	ppb
Antimony	121-1	1.88	1.95	1.91	1.91	1.79	ppb
Arsenic	75-2	1.10	1.08	0.96	1.04	7.19	ppb
Barium	135-1	9.22	9.34	9.50	9.35	1.48	ppb
Barium	137-1	9.42	9.42	9.49	9.44	0.41	ppb
Beryllium	9-1	1.00	1.03	1.01	1.01	1.60	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	24.34	24.56	24.41	24.44	0.47	ppb
Boron	11-1	24.39	25.25	25.32	24.99	2.06	ppb
Cadmium	111-1	0.97	1.03	0.98	1.00	3.32	ppb
Cadmium	106-1	-0.45	0.30	-0.23	-0.13		ppb
Cadmium	108-1	1.01	1.05	1.06	1.04	2.89	ppb
Calcium	43-1	442.29	424.62	432.08	433.00	2.05	ppb
Calcium	44-1	430.45	429.40	429.89	429.91	0.12	ppb
Chromium	52-2	2.02	1.98	1.97	1.99	1.38	ppb
Cobalt	59-2	0.96	0.97	0.96	0.96	0.46	ppb
Copper	63-2	1.96	1.96	1.96	1.96	0.21	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				102		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	47.86	47.91	48.27	48.01	0.46	ppb
Iron	57-2	49.74	51.48	48.92	50.04	2.62	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.91	0.89	0.90	1.54	ppb
Lead	207-1	0.91	0.92	0.91	0.91	0.59	ppb
Lead	208-1	0.90	0.91	0.90	0.90	0.45	ppb
Lithium	6-1				99		%
Magnesium	24-2	438.24	439.20	434.39	437.27	0.58	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	0.98	0.98	0.98	0.77	ppb
Molybdenum	94-1	4.63	4.53	4.65	4.61	1.41	ppb
Molybdenum	95-1	4.65	4.52	4.60	4.59	1.33	ppb
Molybdenum	96-1	4.59	4.48	4.51	4.53	1.29	ppb
Molybdenum	97-1	4.58	4.46	4.39	4.48	2.11	ppb
Molybdenum	98-1	4.48	4.51	4.51	4.50	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.13	0.97	1.06	7.60	ppb
Phosphorus	31-2	17.72	7.41	4.79	9.98	68.54	ppb
Potassium	39-2	437.07	441.34	443.31	440.57	0.72	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	5.20	5.69	4.51	5.13	11.60	ppb
Selenium	78-2	3.99	4.35	5.29	4.54	14.68	ppb
Selenium	82-1	5.12	4.56	5.11	4.93	6.55	ppb
Silicon	28-1	10.94	10.79	10.55	10.76	1.81	ppb
Silver	109-1	1.07	1.08	1.10	1.08	1.50	ppb
Silver	107-1	1.07	0.98	1.04	1.03	4.27	ppb
Sodium	23-2	442.14	439.82	441.79	441.25	0.28	ppb
Strontium	86-1	0.98	0.92	0.96	0.96	3.22	ppb
Strontium	88-1	0.90	0.94	0.91	0.91	2.29	ppb
Sulfur	34-1	195.42	168.28	175.06	179.59	7.87	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.91	0.88	0.88	0.89	1.68	ppb
Thallium	205-1	0.91	0.90	0.89	0.90	0.70	ppb
Thorium	232-1	0.83	0.83	0.83	0.83	0.45	ppb
Tin	118-1	4.93	4.85	4.91	4.90	0.83	ppb
Titanium	47-1	4.48	4.52	4.26	4.42	3.18	ppb
Uranium	238-1	0.83	0.84	0.83	0.84	0.93	ppb
Vanadium	51-2	4.53	4.54	4.60	4.56	0.81	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.12	2.12	2.37	2.20	6.68	ppb
Zirconium	90-1	0.93	0.94	0.95	0.94	0.91	ppb
Zirconium	91-1	1.00	0.90	0.94	0.95	5.09	ppb

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 14:45:59 DataFile Name : 018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.06	0.01	0.01	0.03	104.19	ppb
Antimony	121-1	0.01	0.01	0.01	0.01	2.80	ppb
Arsenic	75-2	0.00	0.00	0.00	0.00	77.54	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.00	0.00	0.00	0.00	152.51	ppb
Beryllium	9-1	0.02	0.01	0.02	0.02	32.64	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	2.50	2.92	2.62	2.68	8.12	ppb
Boron	11-1	2.80	2.51	2.63	2.65	5.64	ppb
Cadmium	111-1	0.00	-0.02	-0.01	-0.01		ppb
Cadmium	106-1	-0.59	-1.54	-1.49	-1.21		ppb
Cadmium	108-1	-0.02	0.06	0.00	0.01	309.99	ppb
Calcium	43-1	0.48	0.12	-0.44	0.05	911.59	ppb
Calcium	44-1	-1.04	-0.77	-0.39	-0.73		ppb
Chromium	52-2	0.00	0.00	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	88.57	ppb
Copper	63-2	0.00	-0.01	0.00	0.00		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	0.02	0.07	0.02	0.03	86.47	ppb
Iron	57-2	-0.25	0.11	-0.45	-0.20		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.01	0.01	0.01	36.90	ppb
Lead	207-1	0.00	0.00	0.00	0.00	370.92	ppb
Lead	208-1	0.01	0.01	0.01	0.01	17.21	ppb
Lithium	6-1				99		%
Magnesium	24-2	0.05	0.20	0.20	0.15	57.27	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:45:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.00	0.01	72.31	ppb
Molybdenum	94-1	0.01	0.00	-0.01	0.00		ppb
Molybdenum	95-1	0.01	0.01	0.00	0.01	33.86	ppb
Molybdenum	96-1	0.02	0.00	0.01	0.01	81.79	ppb
Molybdenum	97-1	0.01	0.00	0.01	0.01	73.35	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	24.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.01	0.00	0.00		ppb
Phosphorus	31-2	-6.22	6.90	-7.94	-2.42		ppb
Potassium	39-2	-0.44	-0.45	-2.67	-1.19		ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.02	-0.30	-0.17	-0.16		ppb
Selenium	82-1	-0.18	0.06	-0.02	-0.05		ppb
Silicon	28-1	-1.89	-1.95	-1.91	-1.91		ppb
Silver	109-1	0.00	0.00	0.00	0.00	139.17	ppb
Silver	107-1	0.00	0.00	0.00	0.00	70.88	ppb
Sodium	23-2	2.13	1.06	1.57	1.58	33.65	ppb
Strontium	86-1	-0.04	0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	182.83	ppb
Sulfur	34-1	210.87	201.02	258.43	223.44	13.74	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	0.02	0.02	0.02	0.02	6.54	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	14.91	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	13.83	ppb
Tin	118-1	-0.01	0.01	0.01	0.00	237.32	ppb
Titanium	47-1	0.00	0.03	-0.02	0.00	524.86	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	54.72	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	136.09	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:45:59	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	-0.06	-0.01	-0.05		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00		ppb
Zirconium	91-1	0.02	0.01	0.00	0.01	69.81	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86476.65	85990.52	85535.67	86000.95	0.55	ppb
Antimony	121-1	1.14	1.09	1.10	1.11	2.30	ppb
Arsenic	75-2	0.32	0.32	0.29	0.31	5.54	ppb
Barium	135-1	1.53	1.45	1.43	1.47	3.63	ppb
Barium	137-1	1.53	1.43	1.46	1.48	3.69	ppb
Beryllium	9-1	0.29	0.31	0.28	0.29	5.15	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	2.49	2.12	2.23	2.28	8.37	ppb
Boron	11-1	2.60	2.48	2.47	2.52	2.88	ppb
Cadmium	111-1	0.63	0.52	0.51	0.55	11.68	ppb
Cadmium	106-1	-2.04	-2.49	-2.08	-2.21		ppb
Cadmium	108-1	13.08	12.99	13.19	13.09	0.77	ppb
Calcium	43-1	93274.25	92868.56	91634.93	92592.58	0.92	ppb
Calcium	44-1	93509.74	92908.12	92382.00	92933.29	0.61	ppb
Chromium	52-2	19.14	19.54	19.11	19.26	1.27	ppb
Cobalt	59-2	1.20	1.17	1.18	1.18	1.28	ppb
Copper	63-2	7.39	7.44	7.44	7.42	0.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				96		%
Indium	115-1				89		%
Indium	115-2				87		%
Iron	56-2	100304.43	99597.91	98786.99	99563.11	0.76	ppb
Iron	57-2	100358.72	99632.60	98561.27	99517.53	0.91	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.85	4.76	4.80	1.01	ppb
Lead	207-1	4.27	4.22	4.18	4.22	1.11	ppb
Lead	208-1	4.42	4.44	4.42	4.43	0.20	ppb
Lithium	6-1				88		%
Magnesium	24-2	92783.76	92107.27	91257.80	92049.61	0.83	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.93	7.75	7.72	7.80	1.44	ppb
Molybdenum	94-1	1353.96	1338.55	1338.99	1343.83	0.65	ppb
Molybdenum	95-1	1950.08	1931.97	1926.70	1936.25	0.63	ppb
Molybdenum	96-1	1874.33	1852.70	1846.73	1857.92	0.78	ppb
Molybdenum	97-1	1954.08	1928.59	1918.21	1933.63	0.95	ppb
Molybdenum	98-1	1945.80	1927.97	1921.73	1931.83	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.06	5.22	4.90	5.06	3.10	ppb
Phosphorus	31-2	96484.14	96309.14	95752.11	96181.80	0.40	ppb
Potassium	39-2	94597.36	94183.26	93578.14	94119.59	0.54	ppb
Rhodium	103-1				85		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.28	-0.11	-0.19	-0.19		ppb
Selenium	82-1	-0.33	0.20	-0.03	-0.05		ppb
Silicon	28-1	17.61	17.45	16.94	17.34	2.02	ppb
Silver	109-1	0.06	0.06	0.06	0.06	3.89	ppb
Silver	107-1	0.06	0.06	0.06	0.06	5.36	ppb
Sodium	23-2	94529.59	93800.04	93314.76	93881.46	0.65	ppb
Strontium	86-1	34.32	33.44	33.65	33.81	1.36	ppb
Strontium	88-1	33.39	33.00	32.85	33.08	0.84	ppb
Sulfur	34-1	79058.09	78439.45	78122.68	78540.07	0.61	ppb
Terbium	159-1				99		%
Terbium	159-2				95		%
Thallium	203-1	0.07	0.06	0.07	0.07	9.48	ppb
Thallium	205-1	0.06	0.06	0.06	0.06	5.78	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	11.30	ppb
Tin	118-1	0.16	0.13	0.17	0.15	14.42	ppb
Titanium	47-1	2005.98	1966.55	1957.41	1976.64	1.31	ppb
Uranium	238-1	0.02	0.02	0.01	0.02	8.47	ppb
Vanadium	51-2	0.17	0.19	0.20	0.19	6.11	ppb
Yttrium	89-1				91		%
Yttrium	89-2				88		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.71	10.27	10.41	10.46	2.11	ppb
Zirconium	90-1	0.02	0.02	0.03	0.03	22.43	ppb
Zirconium	91-1	0.01	0.03	0.03	0.02	47.75	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86628.43	86243.78	86017.08	86296.43	0.36	ppb
Antimony	121-1	20.76	20.74	20.83	20.78	0.24	ppb
Arsenic	75-2	19.87	19.28	18.81	19.32	2.76	ppb
Barium	135-1	21.83	21.57	21.54	21.65	0.74	ppb
Barium	137-1	21.45	21.63	21.54	21.54	0.42	ppb
Beryllium	9-1	19.85	20.32	20.11	20.09	1.17	ppb
Bismuth	209-1				92		%
Bismuth	209-2				88		%
Boron	10-1	53.29	54.68	54.59	54.18	1.44	ppb
Boron	11-1	54.83	54.29	55.74	54.95	1.34	ppb
Cadmium	111-1	20.53	20.06	20.02	20.20	1.39	ppb
Cadmium	106-1	13.58	14.71	14.59	14.29	4.32	ppb
Cadmium	108-1	31.65	30.86	30.25	30.92	2.27	ppb
Calcium	43-1	92533.23	92267.75	91815.99	92205.66	0.39	ppb
Calcium	44-1	92827.86	92742.15	92729.82	92766.61	0.06	ppb
Chromium	52-2	38.82	38.76	38.26	38.61	0.80	ppb
Cobalt	59-2	20.93	20.83	20.99	20.92	0.40	ppb
Copper	63-2	26.85	26.92	26.83	26.86	0.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	100764.72	100175.44	99780.18	100240.11	0.49	ppb
Iron	57-2	100238.12	100573.02	99086.23	99965.79	0.78	ppb
Krypton	83-1						cps
Lead	206-1	25.48	24.91	25.01	25.13	1.22	ppb
Lead	207-1	23.30	23.04	22.97	23.10	0.76	ppb
Lead	208-1	24.06	23.74	23.78	23.86	0.73	ppb
Lithium	6-1				88		%
Magnesium	24-2	92466.45	92239.74	91995.71	92233.97	0.26	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.21	27.24	27.32	27.26	0.21	ppb
Molybdenum	94-1	1364.44	1367.98	1372.97	1368.46	0.31	ppb
Molybdenum	95-1	1964.37	1970.78	1968.65	1967.94	0.17	ppb
Molybdenum	96-1	1890.85	1893.84	1890.14	1891.61	0.10	ppb
Molybdenum	97-1	1971.16	1968.50	1963.91	1967.86	0.19	ppb
Molybdenum	98-1	1963.33	1970.13	1959.41	1964.29	0.28	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.55	24.85	24.17	24.53	1.39	ppb
Phosphorus	31-2	95817.48	95992.08	95434.46	95748.01	0.30	ppb
Potassium	39-2	94492.21	94635.13	94295.62	94474.32	0.18	ppb
Rhodium	103-1				86		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	21.74	18.18	19.07	19.66	9.41	ppb
Selenium	78-2	17.98	19.24	18.29	18.50	3.56	ppb
Selenium	82-1	18.68	19.56	19.11	19.12	2.29	ppb
Silicon	28-1	64.86	64.60	64.40	64.62	0.35	ppb
Silver	109-1	19.66	19.55	19.04	19.42	1.70	ppb
Silver	107-1	19.64	19.29	18.91	19.28	1.90	ppb
Sodium	23-2	94341.67	94350.20	93655.31	94115.73	0.42	ppb
Strontium	86-1	33.18	33.24	33.23	33.22	0.09	ppb
Strontium	88-1	32.65	33.15	32.98	32.93	0.77	ppb
Sulfur	34-1	78268.65	78223.97	77697.58	78063.40	0.41	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	20.44	20.02	19.85	20.10	1.51	ppb
Thallium	205-1	20.48	20.11	19.89	20.16	1.49	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.52	ppb
Tin	118-1	51.61	51.32	51.26	51.40	0.37	ppb
Titanium	47-1	2029.60	2022.55	2022.57	2024.90	0.20	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	6.53	ppb
Vanadium	51-2	19.56	19.82	19.74	19.71	0.68	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	29.39	29.43	29.37	29.40	0.11	ppb
Zirconium	90-1	0.03	0.01	0.03	0.02	35.47	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	13.90	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47029.32	46371.13	44649.51	46016.65	2.67	ppb
Antimony	121-1	494.18	493.93	497.41	495.17	0.39	ppb
Arsenic	75-2	493.27	484.90	465.87	481.34	2.92	ppb
Barium	135-1	2548.13	2532.23	2546.38	2542.25	0.34	ppb
Barium	137-1	2563.83	2535.96	2547.33	2549.04	0.55	ppb
Beryllium	9-1	506.80	505.55	505.58	505.98	0.14	ppb
Bismuth	209-1				90		%
Bismuth	209-2				85		%
Boron	10-1	490.84	493.06	497.49	493.80	0.68	ppb
Boron	11-1	489.73	497.22	500.53	495.83	1.12	ppb
Cadmium	111-1	487.33	483.87	483.27	484.82	0.45	ppb
Cadmium	106-1	496.17	509.37	504.12	503.22	1.32	ppb
Cadmium	108-1	500.73	493.37	500.70	498.26	0.85	ppb
Calcium	43-1	235471.84	236371.04	237478.63	236440.50	0.43	ppb
Calcium	44-1	235145.95	237543.92	236653.96	236447.94	0.51	ppb
Chromium	52-2	512.24	507.33	486.78	502.12	2.69	ppb
Cobalt	59-2	483.00	478.62	464.64	475.42	2.02	ppb
Copper	63-2	981.03	977.21	943.92	967.39	2.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				97		%
Indium	115-1				90		%
Indium	115-2				86		%
Iron	56-2	123758.52	121739.51	117195.71	120897.91	2.78	ppb
Iron	57-2	123312.69	121632.84	117677.04	120874.19	2.39	ppb
Krypton	83-1						cps
Lead	206-1	517.49	515.51	515.16	516.05	0.24	ppb
Lead	207-1	497.73	497.18	498.75	497.89	0.16	ppb
Lead	208-1	510.58	513.20	512.00	511.93	0.26	ppb
Lithium	6-1				92		%
Magnesium	24-2	236975.51	233991.82	226296.65	232421.33	2.37	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.76	979.58	937.97	968.10	2.72	ppb
Molybdenum	94-1	2526.06	2532.37	2514.87	2524.43	0.35	ppb
Molybdenum	95-1	2533.18	2535.11	2519.95	2529.41	0.33	ppb
Molybdenum	96-1	2534.02	2521.83	2521.21	2525.69	0.29	ppb
Molybdenum	97-1	2514.00	2525.16	2515.52	2518.22	0.24	ppb
Molybdenum	98-1	2503.38	2518.59	2509.86	2510.61	0.30	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	483.21	483.59	465.18	477.33	2.20	ppb
Phosphorus	31-2	10218.37	9948.09	9441.89	9869.45	3.99	ppb
Potassium	39-2	119258.45	117236.73	113033.57	116509.58	2.73	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				92		%
Scandium	45-2				92		%
Selenium	77-2	485.96	451.47	475.22	470.88	3.75	ppb
Selenium	78-2	492.15	464.18	460.82	472.38	3.64	ppb
Selenium	82-1	468.08	472.06	468.09	469.41	0.49	ppb
Silicon	28-1	518.92	532.81	548.02	533.25	2.73	ppb
Silver	109-1	496.68	496.14	497.56	496.79	0.14	ppb
Silver	107-1	494.74	493.87	494.31	494.31	0.09	ppb
Sodium	23-2	239633.00	237036.60	230295.95	235655.18	2.05	ppb
Strontium	86-1	502.81	499.73	503.94	502.16	0.43	ppb
Strontium	88-1	499.95	499.96	500.66	500.19	0.08	ppb
Sulfur	34-1	10578.55	10444.07	10628.78	10550.47	0.91	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	511.62	516.83	516.28	514.91	0.56	ppb
Thallium	205-1	514.99	517.77	516.56	516.44	0.27	ppb
Thorium	232-1	523.80	524.32	522.94	523.68	0.13	ppb
Tin	118-1	491.54	492.00	492.01	491.85	0.05	ppb
Titanium	47-1	2486.24	2488.42	2492.82	2489.16	0.13	ppb
Uranium	238-1	525.93	532.08	529.22	529.08	0.58	ppb
Vanadium	51-2	505.49	498.68	481.17	495.11	2.53	ppb
Yttrium	89-1				93		%
Yttrium	89-2				90		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1052.90	1044.50	1007.60	1035.00	2.33	ppb
Zirconium	90-1	504.03	507.60	505.70	505.78	0.35	ppb
Zirconium	91-1	505.43	509.92	505.46	506.94	0.51	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.69	1.09	0.45	0.74	43.00	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	10.19	ppb
Arsenic	75-2	0.01	0.01	0.00	0.01	149.21	ppb
Barium	135-1	0.01	0.03	0.00	0.01	142.25	ppb
Barium	137-1	0.02	0.02	0.02	0.02	12.62	ppb
Beryllium	9-1	0.01	0.01	0.00	0.01	90.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	3.08	3.19	2.76	3.01	7.50	ppb
Boron	11-1	3.06	2.86	2.76	2.89	5.36	ppb
Cadmium	111-1	-0.01	-0.01	0.00	-0.01		ppb
Cadmium	106-1	-1.13	-1.42	-1.61	-1.39		ppb
Cadmium	108-1	0.03	-0.04	-0.04	-0.02		ppb
Calcium	43-1	2.49	-0.09	0.44	0.95	144.19	ppb
Calcium	44-1	0.52	0.88	0.93	0.78	28.61	ppb
Chromium	52-2	-0.02	-0.01	0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	26.92	ppb
Copper	63-2	0.00	0.00	0.00	0.00	25.55	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				103		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	1.38	1.32	1.21	1.30	6.64	ppb
Iron	57-2	1.00	0.64	2.28	1.31	65.87	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.01	0.01	14.59	ppb
Lead	207-1	0.01	0.02	0.02	0.02	30.69	ppb
Lead	208-1	0.01	0.02	0.01	0.02	15.84	ppb
Lithium	6-1				99		%
Magnesium	24-2	2.47	2.26	2.45	2.39	4.93	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	38.68	ppb
Molybdenum	94-1	0.07	0.09	0.08	0.08	9.27	ppb
Molybdenum	95-1	0.06	0.07	0.06	0.07	11.21	ppb
Molybdenum	96-1	0.08	0.07	0.08	0.08	4.99	ppb
Molybdenum	97-1	0.08	0.05	0.08	0.07	26.31	ppb
Molybdenum	98-1	0.07	0.06	0.07	0.07	10.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.02	0.00	0.00		ppb
Phosphorus	31-2	-13.32	8.28	-13.19	-6.07		ppb
Potassium	39-2	0.94	-1.99	1.97	0.30	674.07	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.30	-0.51	-0.35	-0.19		ppb
Selenium	82-1	-0.05	0.17	0.02	0.05	240.09	ppb
Silicon	28-1	-2.54	-2.54	-2.75	-2.61		ppb
Silver	109-1	0.01	0.01	0.01	0.01	53.70	ppb
Silver	107-1	0.01	0.01	0.01	0.01	18.38	ppb
Sodium	23-2	17.21	17.47	17.62	17.43	1.18	ppb
Strontium	86-1	0.04	0.03	0.05	0.04	25.62	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.15	ppb
Sulfur	34-1	36.44	11.80	51.98	33.41	60.65	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.03	0.03	0.03	7.56	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	10.47	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.11	ppb
Tin	118-1	-0.01	0.02	0.00	0.01	244.56	ppb
Titanium	47-1	0.05	0.06	0.03	0.05	32.26	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	20.87	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	28.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	-0.06	0.01	-0.02		ppb
Zirconium	90-1	0.01	0.01	0.00	0.01	63.24	ppb
Zirconium	91-1	0.01	0.02	0.01	0.02	36.21	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.25	17.71	16.58	17.85	7.49	ppb
Antimony	121-1	1.90	1.90	1.87	1.89	1.00	ppb
Arsenic	75-2	1.02	0.97	1.00	1.00	2.92	ppb
Barium	135-1	9.68	9.30	9.34	9.44	2.20	ppb
Barium	137-1	9.35	9.20	9.29	9.28	0.80	ppb
Beryllium	9-1	0.91	0.91	1.01	0.94	6.35	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	24.45	23.82	24.91	24.39	2.25	ppb
Boron	11-1	24.19	24.43	25.09	24.57	1.90	ppb
Cadmium	111-1	1.02	1.00	1.00	1.01	1.31	ppb
Cadmium	106-1	0.38	-0.46	-1.72	-0.60		ppb
Cadmium	108-1	0.94	0.97	0.93	0.95	2.35	ppb
Calcium	43-1	445.40	431.20	445.74	440.78	1.88	ppb
Calcium	44-1	433.70	425.32	429.87	429.63	0.98	ppb
Chromium	52-2	1.99	1.97	1.96	1.97	0.80	ppb
Cobalt	59-2	1.00	0.96	0.94	0.97	3.39	ppb
Copper	63-2	2.01	1.96	1.91	1.96	2.46	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				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	49.25	48.24	48.62	48.70	1.05	ppb
Iron	57-2	47.27	51.67	47.16	48.70	5.28	ppb
Krypton	83-1						cps
Lead	206-1	0.92	0.89	0.91	0.90	1.67	ppb
Lead	207-1	0.89	0.88	0.90	0.89	1.54	ppb
Lead	208-1	0.93	0.90	0.90	0.91	2.04	ppb
Lithium	6-1				101		%
Magnesium	24-2	438.00	433.56	439.07	436.88	0.67	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.97	1.00	0.96	0.97	2.05	ppb
Molybdenum	94-1	4.60	4.57	4.52	4.56	0.82	ppb
Molybdenum	95-1	4.60	4.52	4.49	4.53	1.26	ppb
Molybdenum	96-1	4.57	4.55	4.60	4.57	0.47	ppb
Molybdenum	97-1	4.62	4.52	4.48	4.54	1.56	ppb
Molybdenum	98-1	4.63	4.55	4.48	4.55	1.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.11	1.03	1.12	1.09	4.60	ppb
Phosphorus	31-2	-6.83	2.16	-11.15	-5.27		ppb
Potassium	39-2	438.86	448.42	439.07	442.12	1.24	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	3.92	6.33	4.11	4.78	28.02	ppb
Selenium	78-2	4.01	5.45	4.33	4.60	16.46	ppb
Selenium	82-1	4.82	4.69	4.84	4.78	1.71	ppb
Silicon	28-1	9.86	9.38	9.72	9.65	2.54	ppb
Silver	109-1	1.05	1.05	1.02	1.04	1.31	ppb
Silver	107-1	1.03	1.06	1.06	1.05	1.53	ppb
Sodium	23-2	451.03	445.13	446.22	447.46	0.70	ppb
Strontium	86-1	0.90	0.94	0.91	0.92	2.43	ppb
Strontium	88-1	0.93	0.91	0.92	0.92	1.20	ppb
Sulfur	34-1	10.82	-42.01	0.38	-10.27		ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.89	0.90	0.92	0.90	1.30	ppb
Thallium	205-1	0.90	0.88	0.89	0.89	1.15	ppb
Thorium	232-1	0.83	0.82	0.82	0.83	0.86	ppb
Tin	118-1	4.84	4.78	4.75	4.79	0.97	ppb
Titanium	47-1	4.70	4.45	4.62	4.59	2.83	ppb
Uranium	238-1	0.84	0.82	0.83	0.83	1.11	ppb
Vanadium	51-2	4.77	4.56	4.60	4.64	2.40	ppb
Yttrium	89-1				102		%
Yttrium	89-2				98		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.07	2.08	2.35	2.16	7.30	ppb
Zirconium	90-1	0.97	0.91	0.92	0.93	3.21	ppb
Zirconium	91-1	0.90	0.98	0.89	0.92	5.26	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P7
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:35:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.29	0.34	0.71	0.45	51.23	ppb
Antimony	121-1	0.01	0.02	0.02	0.01	29.90	ppb
Arsenic	75-2	0.00	0.01	0.01	0.01	84.97	ppb
Barium	135-1	0.00	0.00	0.00	0.00		ppb
Barium	137-1	0.02	0.01	0.01	0.01	11.88	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	64.21	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	2.23	2.19	1.91	2.11	8.11	ppb
Boron	11-1	2.33	2.06	2.01	2.14	8.11	ppb
Cadmium	111-1	-0.01	-0.01	-0.01	-0.01		ppb
Cadmium	106-1	-1.18	-1.24	-1.27	-1.23		ppb
Cadmium	108-1	0.02	-0.01	-0.01	0.00		ppb
Calcium	43-1	-0.40	0.13	-0.76	-0.34		ppb
Calcium	44-1	-0.45	-0.27	0.01	-0.24		ppb
Chromium	52-2	-0.01	0.02	-0.02	0.00		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	95.48	ppb
Copper	63-2	-0.01	0.01	0.00	0.00	1519.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				102		%
Indium	115-2				98		%
Iron	56-2	0.53	0.64	0.73	0.64	15.76	ppb
Iron	57-2	0.94	0.77	0.33	0.68	46.75	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	111.45	ppb
Lead	207-1	0.01	0.01	0.01	0.01	23.34	ppb
Lead	208-1	0.01	0.01	0.01	0.01	15.97	ppb
Lithium	6-1				101		%
Magnesium	24-2	1.18	1.07	1.04	1.10	6.59	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P7
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:35:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.01	0.01	16.79	ppb
Molybdenum	94-1	0.02	0.02	0.00	0.01	59.83	ppb
Molybdenum	95-1	0.03	0.02	0.02	0.02	21.34	ppb
Molybdenum	96-1	0.03	0.02	0.01	0.02	31.55	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	16.79	ppb
Molybdenum	98-1	0.02	0.02	0.02	0.02	14.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	356.71	ppb
Phosphorus	31-2	-5.08	-8.62	-2.07	-5.26		ppb
Potassium	39-2	-0.11	1.49	-1.46	-0.02		ppb
Rhodium	103-1				102		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.05	-0.42	-0.06	-0.18		ppb
Selenium	82-1	-0.15	0.27	-0.09	0.01	1903.55	ppb
Silicon	28-1	-2.78	-2.46	-2.51	-2.58		ppb
Silver	109-1	0.00	0.00	0.00	0.00	189.65	ppb
Silver	107-1	0.00	0.01	0.00	0.00	31.15	ppb
Sodium	23-2	6.78	5.27	5.00	5.68	16.85	ppb
Strontium	86-1	-0.03	0.05	-0.01	0.00	1565.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	96.15	ppb
Sulfur	34-1	-24.98	26.16	17.40	6.19	441.56	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	0.02	0.02	0.02	0.02	11.10	ppb
Thallium	205-1	0.02	0.02	0.02	0.02	8.14	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	5.68	ppb
Tin	118-1	-0.01	0.00	-0.01	-0.01		ppb
Titanium	47-1	-0.02	0.01	-0.02	-0.01		ppb
Uranium	238-1	0.00	0.00	0.00	0.00	10.12	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	98.37	ppb
Yttrium	89-1				103		%
Yttrium	89-2				99		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P7
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:35:41	DataFile Name :	025CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.05	-0.05	-0.04	-0.05		ppb
Zirconium	90-1	-0.01	0.00	0.00	0.00	403.71	ppb
Zirconium	91-1	0.01	0.01	0.00	0.01	59.02	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P7
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:39:15	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9513.25	9383.11	9295.21	9397.19	1.17	ppb
Antimony	121-1	514.10	517.97	516.76	516.28	0.38	ppb
Arsenic	75-2	519.27	514.18	513.21	515.55	0.63	ppb
Barium	135-1	2571.92	2581.02	2587.84	2580.26	0.31	ppb
Barium	137-1	2563.85	2562.17	2587.13	2571.05	0.54	ppb
Beryllium	9-1	508.88	516.09	515.27	513.41	0.77	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	489.64	505.22	511.36	502.07	2.23	ppb
Boron	11-1	492.99	514.11	512.77	506.62	2.33	ppb
Cadmium	111-1	524.81	528.92	524.63	526.12	0.46	ppb
Cadmium	106-1	534.92	528.46	530.95	531.44	0.61	ppb
Cadmium	108-1	532.27	536.82	525.72	531.60	1.05	ppb
Calcium	43-1	48337.25	48419.79	48430.27	48395.77	0.11	ppb
Calcium	44-1	48094.76	48536.44	48580.27	48403.82	0.55	ppb
Chromium	52-2	508.12	501.16	494.56	501.28	1.35	ppb
Cobalt	59-2	507.67	501.31	496.29	501.76	1.14	ppb
Copper	63-2	1010.29	994.45	983.41	996.05	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	26278.04	25769.67	25455.51	25834.41	1.61	ppb
Iron	57-2	26114.15	25668.33	25397.38	25726.62	1.41	ppb
Krypton	83-1						cps
Lead	206-1	494.99	503.90	502.77	500.55	0.97	ppb
Lead	207-1	495.42	502.88	501.20	499.83	0.78	ppb
Lead	208-1	494.07	502.44	500.06	498.86	0.86	ppb
Lithium	6-1				93		%
Magnesium	24-2	49252.41	48217.91	47774.81	48415.04	1.57	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P7
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:39:15	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.81	1004.77	993.13	1002.24	0.81	ppb
Molybdenum	94-1	2497.22	2506.05	2504.13	2502.46	0.19	ppb
Molybdenum	95-1	2501.51	2521.37	2523.36	2515.41	0.48	ppb
Molybdenum	96-1	2496.74	2515.65	2500.94	2504.44	0.40	ppb
Molybdenum	97-1	2493.00	2522.49	2509.13	2508.21	0.59	ppb
Molybdenum	98-1	2499.58	2528.23	2509.65	2512.49	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.81	500.50	497.22	502.51	1.30	ppb
Phosphorus	31-2	10454.38	10278.28	10146.07	10292.91	1.50	ppb
Potassium	39-2	24473.98	23775.11	23548.80	23932.63	2.02	ppb
Rhodium	103-1				93		%
Rhodium	103-2				90		%
Scandium	45-1				93		%
Scandium	45-2				92		%
Selenium	77-2	520.56	526.69	548.96	532.07	2.81	ppb
Selenium	78-2	527.73	525.89	523.28	525.63	0.43	ppb
Selenium	82-1	523.71	530.84	525.53	526.69	0.70	ppb
Silicon	28-1	519.27	537.36	541.88	532.84	2.25	ppb
Silver	109-1	531.45	535.35	531.50	532.77	0.42	ppb
Silver	107-1	533.00	531.17	530.50	531.56	0.24	ppb
Sodium	23-2	49625.83	48537.71	47957.82	48707.12	1.74	ppb
Strontium	86-1	502.06	506.75	502.15	503.65	0.53	ppb
Strontium	88-1	501.42	506.25	504.44	504.04	0.48	ppb
Sulfur	34-1	10185.66	10207.20	10138.15	10177.01	0.35	ppb
Terbium	159-1				105		%
Terbium	159-2				100		%
Thallium	203-1	496.76	503.96	498.59	499.77	0.75	ppb
Thallium	205-1	497.74	505.60	500.96	501.44	0.79	ppb
Thorium	232-1	487.67	494.06	491.75	491.16	0.66	ppb
Tin	118-1	515.66	522.71	522.16	520.18	0.75	ppb
Titanium	47-1	2489.08	2504.44	2502.40	2498.64	0.33	ppb
Uranium	238-1	482.66	489.16	485.83	485.88	0.67	ppb
Vanadium	51-2	507.86	500.47	494.46	500.93	1.34	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P7
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:39:15	DataFile Name :	026LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1038.13	1025.96	1004.64	1022.91	1.66	ppb
Zirconium	90-1	501.99	507.16	504.51	504.55	0.51	ppb
Zirconium	91-1	498.70	505.32	502.78	502.27	0.67	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12455.69	11647.94	10848.67	11650.76	6.90	ppb
Antimony	121-1	6.46	6.14	6.34	6.31	2.60	ppb
Arsenic	75-2	38.57	36.50	34.07	36.38	6.19	ppb
Barium	135-1	215.45	211.04	216.81	214.43	1.41	ppb
Barium	137-1	213.86	210.80	214.65	213.10	0.95	ppb
Beryllium	9-1	1.23	1.16	1.19	1.19	2.91	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	18.39	16.77	15.91	17.02	7.38	ppb
Boron	11-1	17.57	16.79	16.25	16.87	3.92	ppb
Cadmium	111-1	5.51	5.58	5.70	5.59	1.76	ppb
Cadmium	106-1	5.42	4.85	5.61	5.29	7.48	ppb
Cadmium	108-1	6.01	5.96	6.37	6.11	3.68	ppb
Calcium	43-1	7505.81	7485.97	7582.59	7524.79	0.68	ppb
Calcium	44-1	7499.75	7496.49	7631.12	7542.45	1.02	ppb
Chromium	52-2	15.04	14.13	13.23	14.13	6.40	ppb
Cobalt	59-2	11.09	10.05	9.53	10.22	7.78	ppb
Copper	63-2	89.58	85.39	78.96	84.64	6.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	18816.88	17757.84	16536.90	17703.87	6.44	ppb
Iron	57-2	18496.60	17522.48	16334.56	17451.21	6.20	ppb
Krypton	83-1						cps
Lead	206-1	732.12	730.83	745.92	736.29	1.14	ppb
Lead	207-1	711.25	705.82	721.21	712.76	1.10	ppb
Lead	208-1	725.68	722.08	736.35	728.04	1.02	ppb
Lithium	6-1				92		%
Magnesium	24-2	4054.11	3783.90	3533.43	3790.48	6.87	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	951.44	897.74	840.28	896.48	6.20	ppb
Molybdenum	94-1	13.87	14.08	14.24	14.06	1.31	ppb
Molybdenum	95-1	0.89	0.86	0.80	0.85	5.03	ppb
Molybdenum	96-1	2.54	2.54	2.58	2.56	0.83	ppb
Molybdenum	97-1	0.88	0.80	0.86	0.85	4.77	ppb
Molybdenum	98-1	0.89	0.84	0.78	0.84	6.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.37	13.56	12.81	13.58	5.74	ppb
Phosphorus	31-2	1424.85	1419.28	1277.54	1373.89	6.08	ppb
Potassium	39-2	2990.86	2791.39	2610.01	2797.42	6.81	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				92		%
Scandium	45-2				95		%
Selenium	77-2	15.79	16.63	13.80	15.40	9.43	ppb
Selenium	78-2	3.85	3.53	2.88	3.42	14.45	ppb
Selenium	82-1	0.72	1.06	0.88	0.89	19.23	ppb
Silicon	28-1	4479.46	4472.09	4573.08	4508.21	1.25	ppb
Silver	109-1	5.45	5.36	5.54	5.45	1.59	ppb
Silver	107-1	5.44	5.37	5.47	5.43	1.00	ppb
Sodium	23-2	188.99	176.01	164.32	176.44	6.99	ppb
Strontium	86-1	41.04	40.87	41.25	41.06	0.46	ppb
Strontium	88-1	40.44	40.14	40.73	40.43	0.73	ppb
Sulfur	34-1	-94.35	-138.82	-50.47	-94.55		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	1.46	1.42	1.48	1.45	2.22	ppb
Thallium	205-1	1.51	1.45	1.45	1.47	2.19	ppb
Thorium	232-1	2.30	2.24	2.25	2.26	1.46	ppb
Tin	118-1	0.65	0.65	0.64	0.65	1.21	ppb
Titanium	47-1	355.53	351.75	359.66	355.65	1.11	ppb
Uranium	238-1	1.34	1.30	1.30	1.31	1.63	ppb
Vanadium	51-2	34.29	32.16	29.96	32.14	6.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1015.55	964.04	897.58	959.06	6.17	ppb
Zirconium	90-1	8.81	8.64	8.82	8.76	1.15	ppb
Zirconium	91-1	8.93	8.71	9.06	8.90	2.00	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46177.22	46829.78	46375.91	46460.97	0.72	ppb
Antimony	121-1	493.87	489.92	487.56	490.45	0.65	ppb
Arsenic	75-2	475.00	478.61	479.03	477.54	0.46	ppb
Barium	135-1	2550.22	2530.01	2518.74	2532.99	0.63	ppb
Barium	137-1	2537.33	2519.17	2505.62	2520.71	0.63	ppb
Beryllium	9-1	501.64	500.38	496.69	499.57	0.52	ppb
Bismuth	209-1				90		%
Bismuth	209-2				84		%
Boron	10-1	485.16	494.94	495.76	491.95	1.20	ppb
Boron	11-1	483.40	496.23	491.91	490.51	1.33	ppb
Cadmium	111-1	477.05	476.58	473.73	475.79	0.38	ppb
Cadmium	106-1	492.62	494.02	488.76	491.80	0.55	ppb
Cadmium	108-1	486.37	490.52	483.26	486.72	0.75	ppb
Calcium	43-1	234771.63	234936.30	233154.03	234287.32	0.42	ppb
Calcium	44-1	235600.00	234452.45	233226.50	234426.32	0.51	ppb
Chromium	52-2	501.87	507.43	503.97	504.42	0.56	ppb
Cobalt	59-2	475.98	480.35	480.33	478.89	0.53	ppb
Copper	63-2	958.37	979.10	969.18	968.88	1.07	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				101		%
Holmium	165-2				97		%
Indium	115-1				89		%
Indium	115-2				86		%
Iron	56-2	121345.67	122755.42	122144.85	122081.98	0.58	ppb
Iron	57-2	121846.68	122457.53	122071.03	122125.08	0.25	ppb
Krypton	83-1						cps
Lead	206-1	515.66	518.74	512.46	515.62	0.61	ppb
Lead	207-1	494.70	492.47	493.07	493.41	0.23	ppb
Lead	208-1	510.30	509.84	508.30	509.48	0.21	ppb
Lithium	6-1				91		%
Magnesium	24-2	233271.63	236397.69	234360.59	234676.64	0.68	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.27	978.82	979.14	975.74	0.57	ppb
Molybdenum	94-1	2514.15	2513.94	2484.90	2504.33	0.67	ppb
Molybdenum	95-1	2517.94	2501.30	2493.38	2504.21	0.50	ppb
Molybdenum	96-1	2508.97	2492.67	2500.01	2500.55	0.33	ppb
Molybdenum	97-1	2514.40	2498.03	2495.66	2502.70	0.41	ppb
Molybdenum	98-1	2510.18	2508.81	2478.90	2499.29	0.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.56	482.80	478.55	478.97	0.76	ppb
Phosphorus	31-2	9804.35	9804.69	9961.59	9856.88	0.92	ppb
Potassium	39-2	117406.34	117963.88	117901.16	117757.13	0.26	ppb
Rhodium	103-1				84		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	489.71	472.70	450.65	471.02	4.16	ppb
Selenium	78-2	463.99	467.64	468.62	466.75	0.52	ppb
Selenium	82-1	462.84	463.53	460.40	462.26	0.36	ppb
Silicon	28-1	515.91	530.40	534.15	526.82	1.83	ppb
Silver	109-1	486.26	487.57	486.57	486.80	0.14	ppb
Silver	107-1	487.91	489.16	484.70	487.26	0.47	ppb
Sodium	23-2	236407.83	238268.26	236642.62	237106.23	0.43	ppb
Strontium	86-1	499.63	496.37	494.32	496.77	0.54	ppb
Strontium	88-1	499.21	496.45	497.99	497.88	0.28	ppb
Sulfur	34-1	10124.39	10154.32	9978.14	10085.62	0.93	ppb
Terbium	159-1				100		%
Terbium	159-2				95		%
Thallium	203-1	515.70	519.27	506.99	513.98	1.23	ppb
Thallium	205-1	512.73	519.59	511.63	514.65	0.84	ppb
Thorium	232-1	521.63	521.78	518.10	520.50	0.40	ppb
Tin	118-1	486.03	477.12	479.94	481.03	0.95	ppb
Titanium	47-1	2472.88	2475.80	2461.22	2469.96	0.31	ppb
Uranium	238-1	528.79	527.88	526.55	527.74	0.21	ppb
Vanadium	51-2	494.54	501.77	498.51	498.27	0.73	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1029.60	1046.56	1041.80	1039.32	0.84	ppb
Zirconium	90-1	504.59	503.85	498.84	502.43	0.62	ppb
Zirconium	91-1	503.44	500.56	495.06	499.69	0.85	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.58	2.18	0.89	1.55	41.65	ppb
Antimony	121-1	0.09	0.12	0.14	0.12	20.65	ppb
Arsenic	75-2	0.04	0.02	0.03	0.03	30.01	ppb
Barium	135-1	0.08	0.06	0.07	0.07	20.29	ppb
Barium	137-1	0.10	0.05	0.08	0.08	27.44	ppb
Beryllium	9-1	0.03	0.04	0.02	0.03	37.00	ppb
Bismuth	209-1				105		%
Bismuth	209-2				99		%
Boron	10-1	6.06	6.12	5.41	5.86	6.76	ppb
Boron	11-1	5.84	5.64	5.61	5.70	2.15	ppb
Cadmium	111-1	0.01	0.00	0.00	0.01	165.96	ppb
Cadmium	106-1	-1.65	-2.25	-2.20	-2.04		ppb
Cadmium	108-1	0.02	0.00	0.03	0.02	82.21	ppb
Calcium	43-1	4.20	2.88	3.03	3.37	21.38	ppb
Calcium	44-1	4.80	3.59	4.52	4.31	14.73	ppb
Chromium	52-2	0.00	0.04	-0.01	0.01	266.25	ppb
Cobalt	59-2	0.01	0.03	0.01	0.02	68.72	ppb
Copper	63-2	0.02	0.06	0.02	0.03	61.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2.53	7.51	2.46	4.16	69.61	ppb
Iron	57-2	2.17	5.46	3.05	3.56	47.90	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.05	0.05	5.97	ppb
Lead	207-1	0.05	0.05	0.06	0.05	10.70	ppb
Lead	208-1	0.05	0.05	0.05	0.05	1.50	ppb
Lithium	6-1				97		%
Magnesium	24-2	4.64	9.38	5.12	6.38	40.94	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.04	0.10	0.03	0.06	65.66	ppb
Molybdenum	94-1	0.21	0.16	0.19	0.19	12.25	ppb
Molybdenum	95-1	0.26	0.17	0.20	0.21	20.62	ppb
Molybdenum	96-1	0.24	0.17	0.17	0.19	22.50	ppb
Molybdenum	97-1	0.27	0.18	0.18	0.21	24.52	ppb
Molybdenum	98-1	0.23	0.20	0.24	0.23	9.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.02	0.01	0.01	64.07	ppb
Phosphorus	31-2	-0.79	-11.99	-25.50	-12.76		ppb
Potassium	39-2	0.50	6.76	1.91	3.06	107.56	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.50	0.00	0.00	0.17	173.21	ppb
Selenium	78-2	0.06	-0.06	0.04	0.01	516.86	ppb
Selenium	82-1	0.01	-0.31	0.04	-0.09		ppb
Silicon	28-1	-2.28	-2.38	-2.42	-2.36		ppb
Silver	109-1	0.02	0.01	0.02	0.02	28.51	ppb
Silver	107-1	0.02	0.02	0.02	0.02	10.74	ppb
Sodium	23-2	25.24	28.37	24.29	25.96	8.22	ppb
Strontium	86-1	-0.01	0.01	0.02	0.01	194.86	ppb
Strontium	88-1	0.03	0.01	0.01	0.02	62.49	ppb
Sulfur	34-1	-210.47	-201.95	-176.13	-196.18		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.06	0.06	0.06	0.06	7.47	ppb
Thallium	205-1	0.06	0.05	0.06	0.06	5.05	ppb
Thorium	232-1	0.07	0.06	0.06	0.06	13.51	ppb
Tin	118-1	0.05	0.02	0.02	0.03	48.26	ppb
Titanium	47-1	0.07	0.06	0.05	0.06	19.10	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	13.86	ppb
Vanadium	51-2	0.01	0.04	0.01	0.02	77.51	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.11	0.07	0.06	93.94	ppb
Zirconium	90-1	0.04	0.02	0.04	0.03	42.57	ppb
Zirconium	91-1	0.03	0.02	0.04	0.03	40.56	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8522.46	8456.49	8489.05	8489.33	0.39	ppb
Antimony	121-1	45.11	44.56	44.99	44.89	0.64	ppb
Arsenic	75-2	83.28	83.15	83.04	83.16	0.15	ppb
Barium	135-1	276.83	273.19	272.20	274.07	0.89	ppb
Barium	137-1	275.57	275.54	273.35	274.82	0.46	ppb
Beryllium	9-1	136.68	135.03	135.35	135.69	0.65	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	213.17	224.01	224.02	220.40	2.84	ppb
Boron	11-1	217.09	221.52	223.65	220.75	1.52	ppb
Cadmium	111-1	81.61	83.14	82.59	82.45	0.94	ppb
Cadmium	106-1	66.59	66.54	67.40	66.85	0.72	ppb
Cadmium	108-1	73.89	73.10	72.82	73.27	0.76	ppb
Calcium	43-1	8586.56	8519.36	8458.29	8521.40	0.75	ppb
Calcium	44-1	8633.55	8485.27	8506.49	8541.77	0.94	ppb
Chromium	52-2	224.61	223.09	223.99	223.90	0.34	ppb
Cobalt	59-2	59.04	58.00	58.82	58.62	0.94	ppb
Copper	63-2	44.13	43.96	44.03	44.04	0.19	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				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	15157.74	14822.71	14874.52	14951.66	1.21	ppb
Iron	57-2	14809.04	14677.09	14809.82	14765.32	0.52	ppb
Krypton	83-1						cps
Lead	206-1	229.36	228.80	228.53	228.90	0.19	ppb
Lead	207-1	220.24	218.65	217.71	218.86	0.58	ppb
Lead	208-1	228.63	227.38	226.85	227.62	0.40	ppb
Lithium	6-1				129		%
Magnesium	24-2	12754.68	12599.90	12556.29	12636.95	0.82	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	935.72	930.20	928.02	931.31	0.43	ppb
Molybdenum	94-1	72.21	72.44	72.57	72.41	0.25	ppb
Molybdenum	95-1	94.81	94.77	95.27	94.95	0.29	ppb
Molybdenum	96-1	92.04	92.56	92.18	92.26	0.29	ppb
Molybdenum	97-1	94.56	94.52	93.45	94.18	0.67	ppb
Molybdenum	98-1	94.80	94.62	94.54	94.65	0.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	97.52	97.84	97.40	97.59	0.23	ppb
Phosphorus	31-2	633.66	651.77	625.66	637.03	2.10	ppb
Potassium	39-2	19635.18	19536.41	19566.41	19579.33	0.26	ppb
Rhodium	103-1				96		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	210.12	220.19	210.20	213.50	2.71	ppb
Selenium	78-2	199.66	197.10	200.42	199.06	0.88	ppb
Selenium	82-1	198.34	198.45	196.19	197.66	0.64	ppb
Silicon	28-1	2469.48	2453.12	2446.68	2456.43	0.48	ppb
Silver	109-1	36.20	36.39	36.37	36.32	0.28	ppb
Silver	107-1	35.94	35.92	36.44	36.10	0.82	ppb
Sodium	23-2	2462.08	2439.92	2445.44	2449.15	0.47	ppb
Strontium	86-1	192.25	194.29	193.13	193.22	0.53	ppb
Strontium	88-1	194.82	193.55	192.95	193.77	0.49	ppb
Sulfur	34-1	-738.53	-916.91	-1115.64	-923.69		ppb
Terbium	159-1				104		%
Terbium	159-2				99		%
Thallium	203-1	120.91	121.29	121.31	121.17	0.19	ppb
Thallium	205-1	120.71	120.82	120.84	120.79	0.06	ppb
Thorium	232-1	5.00	4.99	5.06	5.01	0.76	ppb
Tin	118-1	164.96	164.85	164.86	164.89	0.04	ppb
Titanium	47-1	584.09	581.35	582.38	582.61	0.24	ppb
Uranium	238-1	56.53	56.89	57.03	56.82	0.45	ppb
Vanadium	51-2	205.36	204.13	204.29	204.59	0.33	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	782.17	781.02	783.57	782.25	0.16	ppb
Zirconium	90-1	4.07	4.00	4.00	4.02	1.06	ppb
Zirconium	91-1	4.11	4.24	4.10	4.15	1.88	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	16611.43	15703.87	16209.65	16174.98	2.81	ppb
Antimony	121-1	89.60	89.85	89.48	89.64	0.21	ppb
Arsenic	75-2	161.66	153.37	158.78	157.94	2.66	ppb
Barium	135-1	546.90	550.26	547.78	548.31	0.32	ppb
Barium	137-1	543.86	545.17	549.06	546.03	0.50	ppb
Beryllium	9-1	216.01	214.03	214.40	214.81	0.49	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	352.98	354.08	355.74	354.27	0.39	ppb
Boron	11-1	355.45	359.11	358.57	357.71	0.55	ppb
Cadmium	111-1	163.57	164.01	163.48	163.69	0.17	ppb
Cadmium	106-1	133.30	134.75	132.09	133.38	1.00	ppb
Cadmium	108-1	146.44	145.35	143.98	145.25	0.85	ppb
Calcium	43-1	17044.53	16837.43	16798.45	16893.47	0.78	ppb
Calcium	44-1	17032.91	16943.43	16925.95	16967.43	0.34	ppb
Chromium	52-2	444.40	420.22	434.61	433.08	2.81	ppb
Cobalt	59-2	116.36	110.00	113.51	113.29	2.81	ppb
Copper	63-2	87.10	83.13	85.17	85.13	2.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	29562.13	27914.50	28858.35	28778.33	2.87	ppb
Iron	57-2	29026.45	27736.14	28492.01	28418.20	2.28	ppb
Krypton	83-1						cps
Lead	206-1	477.97	478.88	480.92	479.26	0.32	ppb
Lead	207-1	435.81	439.79	442.26	439.29	0.74	ppb
Lead	208-1	463.08	464.35	465.62	464.35	0.27	ppb
Lithium	6-1				161		%
Magnesium	24-2	24926.07	23733.05	24308.62	24322.58	2.45	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1824.95	1745.92	1799.43	1790.10	2.25	ppb
Molybdenum	94-1	141.34	141.57	140.49	141.13	0.40	ppb
Molybdenum	95-1	184.52	186.68	184.80	185.33	0.63	ppb
Molybdenum	96-1	179.25	181.08	180.81	180.38	0.55	ppb
Molybdenum	97-1	183.63	184.68	183.14	183.82	0.43	ppb
Molybdenum	98-1	185.30	185.29	184.18	184.93	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	191.02	182.12	188.13	187.09	2.43	ppb
Phosphorus	31-2	1257.13	1242.56	1270.06	1256.58	1.10	ppb
Potassium	39-2	38516.46	36501.12	37592.20	37536.59	2.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	397.62	371.29	382.16	383.69	3.45	ppb
Selenium	78-2	382.94	370.12	384.62	379.23	2.09	ppb
Selenium	82-1	382.54	386.36	385.12	384.67	0.51	ppb
Silicon	28-1	4852.78	4809.10	4811.79	4824.56	0.51	ppb
Silver	109-1	71.30	72.07	71.45	71.61	0.57	ppb
Silver	107-1	70.98	71.06	71.29	71.11	0.23	ppb
Sodium	23-2	4829.24	4634.93	4734.80	4732.99	2.05	ppb
Strontium	86-1	375.78	377.44	379.04	377.42	0.43	ppb
Strontium	88-1	380.31	380.43	379.61	380.12	0.12	ppb
Sulfur	34-1	-1343.40	-1401.48	-1401.22	-1382.03		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	243.29	245.44	246.37	245.03	0.65	ppb
Thallium	205-1	253.09	253.02	254.56	253.56	0.34	ppb
Thorium	232-1	10.14	10.22	10.22	10.19	0.47	ppb
Tin	118-1	328.05	328.65	326.01	327.57	0.42	ppb
Titanium	47-1	1154.04	1144.17	1158.45	1152.22	0.63	ppb
Uranium	238-1	119.83	118.56	120.32	119.57	0.76	ppb
Vanadium	51-2	407.27	386.43	399.30	397.67	2.64	ppb
Yttrium	89-1				104		%
Yttrium	89-2				102		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1514.51	1451.65	1489.70	1485.28	2.13	ppb
Zirconium	90-1	7.85	7.88	7.79	7.84	0.58	ppb
Zirconium	91-1	7.76	8.09	8.03	7.96	2.21	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4281.63	4281.49	4273.21	4278.78	0.11	ppb
Antimony	121-1	23.21	22.79	22.45	22.82	1.68	ppb
Arsenic	75-2	42.85	43.02	42.05	42.64	1.21	ppb
Barium	135-1	141.12	139.30	136.32	138.91	1.75	ppb
Barium	137-1	141.04	137.86	136.48	138.46	1.69	ppb
Beryllium	9-1	77.90	76.64	75.67	76.73	1.46	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	136.75	136.84	133.65	135.75	1.34	ppb
Boron	11-1	137.79	136.91	136.32	137.01	0.54	ppb
Cadmium	111-1	42.92	42.37	41.46	42.25	1.74	ppb
Cadmium	106-1	32.13	33.27	31.45	32.28	2.84	ppb
Cadmium	108-1	37.56	36.35	36.85	36.92	1.66	ppb
Calcium	43-1	4435.12	4314.88	4301.10	4350.37	1.69	ppb
Calcium	44-1	4301.28	4276.58	4237.64	4271.83	0.75	ppb
Chromium	52-2	114.18	113.60	114.92	114.23	0.58	ppb
Cobalt	59-2	30.19	29.82	29.45	29.82	1.24	ppb
Copper	63-2	22.37	22.70	22.57	22.54	0.74	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				94		%
Iron	56-2	7684.59	7592.58	7638.41	7638.53	0.60	ppb
Iron	57-2	7502.19	7503.53	7508.88	7504.87	0.05	ppb
Krypton	83-1						cps
Lead	206-1	118.72	116.57	114.18	116.49	1.95	ppb
Lead	207-1	114.46	111.02	109.29	111.59	2.36	ppb
Lead	208-1	115.77	113.63	111.65	113.69	1.81	ppb
Lithium	6-1				111		%
Magnesium	24-2	6423.40	6327.02	6374.76	6375.06	0.76	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	474.90	473.43	476.58	474.97	0.33	ppb
Molybdenum	94-1	37.62	36.63	36.77	37.01	1.45	ppb
Molybdenum	95-1	49.28	48.54	48.51	48.78	0.90	ppb
Molybdenum	96-1	48.04	46.71	47.25	47.34	1.41	ppb
Molybdenum	97-1	48.22	48.04	47.83	48.03	0.41	ppb
Molybdenum	98-1	48.47	48.22	48.13	48.28	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.53	49.98	50.36	49.95	0.83	ppb
Phosphorus	31-2	334.24	290.17	278.98	301.13	9.70	ppb
Potassium	39-2	9786.33	9809.12	9835.82	9810.42	0.25	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				94		%
Scandium	45-2				93		%
Selenium	77-2	102.12	117.08	107.52	108.91	6.95	ppb
Selenium	78-2	103.66	104.55	103.86	104.03	0.45	ppb
Selenium	82-1	102.41	102.43	100.94	101.93	0.84	ppb
Silicon	28-1	1233.43	1217.41	1214.35	1221.73	0.84	ppb
Silver	109-1	21.20	18.48	18.45	19.37	8.14	ppb
Silver	107-1	19.00	18.27	18.37	18.55	2.13	ppb
Sodium	23-2	1240.26	1239.87	1240.07	1240.06	0.02	ppb
Strontium	86-1	99.45	99.26	97.66	98.79	0.99	ppb
Strontium	88-1	97.93	97.25	96.33	97.17	0.83	ppb
Sulfur	34-1	-1373.19	-1367.43	-1574.44	-1438.35		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	62.70	61.51	60.77	61.66	1.58	ppb
Thallium	205-1	62.65	61.46	60.59	61.57	1.68	ppb
Thorium	232-1	2.55	2.48	2.45	2.50	2.02	ppb
Tin	118-1	85.13	84.04	83.31	84.16	1.08	ppb
Titanium	47-1	297.31	294.45	292.32	294.69	0.85	ppb
Uranium	238-1	28.98	28.45	28.04	28.49	1.65	ppb
Vanadium	51-2	104.07	103.41	103.89	103.79	0.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				95		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	399.86	398.98	400.54	399.79	0.20	ppb
Zirconium	90-1	2.08	2.06	2.04	2.06	1.12	ppb
Zirconium	91-1	2.11	2.02	2.18	2.11	3.76	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	77658.25	77327.11	76601.54	77195.63	0.70	ppb
Antimony	121-1	417.92	419.24	420.85	419.34	0.35	ppb
Arsenic	75-2	653.47	647.73	649.29	650.16	0.46	ppb
Barium	135-1	2696.50	2700.21	2689.24	2695.32	0.21	ppb
Barium	137-1	2699.03	2703.35	2694.44	2698.94	0.17	ppb
Beryllium	9-1	409.11	405.78	401.84	405.58	0.90	ppb
Bismuth	209-1				90		%
Bismuth	209-2				80		%
Boron	10-1	657.64	661.74	670.05	663.14	0.95	ppb
Boron	11-1	676.17	684.93	687.30	682.80	0.86	ppb
Cadmium	111-1	751.69	752.40	752.82	752.30	0.08	ppb
Cadmium	106-1	623.77	622.64	615.19	620.53	0.75	ppb
Cadmium	108-1	664.48	659.78	663.43	662.56	0.37	ppb
Calcium	43-1	77304.36	77996.75	78004.93	77768.68	0.52	ppb
Calcium	44-1	77946.71	78229.64	77943.89	78040.08	0.21	ppb
Chromium	52-2	2115.73	2117.92	2103.00	2112.22	0.38	ppb
Cobalt	59-2	536.14	537.65	534.75	536.18	0.27	ppb
Copper	63-2	395.88	399.11	396.00	397.00	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				99		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				75		%
Iron	56-2	140058.29	140432.62	139490.57	139993.83	0.34	ppb
Iron	57-2	139479.95	139438.62	138234.69	139051.09	0.51	ppb
Krypton	83-1						cps
Lead	206-1	2482.84	2495.41	2468.54	2482.26	0.54	ppb
Lead	207-1	2374.77	2387.54	2367.79	2376.70	0.42	ppb
Lead	208-1	2419.54	2436.18	2418.22	2424.64	0.41	ppb
Lithium	6-1				372		%
Magnesium	24-2	117358.78	116536.58	115805.16	116566.84	0.67	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8665.42	8702.25	8621.94	8663.20	0.46	ppb
Molybdenum	94-1	579.96	580.85	584.63	581.81	0.43	ppb
Molybdenum	95-1	781.58	777.58	783.08	780.75	0.36	ppb
Molybdenum	96-1	759.33	755.37	756.99	757.23	0.26	ppb
Molybdenum	97-1	753.56	758.91	760.16	757.54	0.46	ppb
Molybdenum	98-1	780.11	779.52	782.19	780.60	0.18	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	880.32	888.99	879.07	882.79	0.61	ppb
Phosphorus	31-2	5858.07	5758.00	5806.30	5807.46	0.86	ppb
Potassium	39-2	180281.21	179594.41	179706.54	179860.72	0.20	ppb
Rhodium	103-1				83		%
Rhodium	103-2				78		%
Scandium	45-1				94		%
Scandium	45-2				87		%
Selenium	77-2	1576.00	1556.56	1574.02	1568.86	0.68	ppb
Selenium	78-2	1525.72	1508.25	1520.22	1518.07	0.59	ppb
Selenium	82-1	1515.81	1501.29	1506.60	1507.90	0.49	ppb
Silicon	28-1	22119.77	22286.68	21948.05	22118.17	0.77	ppb
Silver	109-1	323.26	324.16	324.23	323.88	0.17	ppb
Silver	107-1	321.37	320.28	319.74	320.46	0.26	ppb
Sodium	23-2	23036.82	22818.33	22656.21	22837.12	0.84	ppb
Strontium	86-1	1597.27	1600.95	1596.55	1598.26	0.15	ppb
Strontium	88-1	1570.33	1571.40	1570.20	1570.65	0.04	ppb
Sulfur	34-1	-733.29	-710.39	-836.91	-760.19		ppb
Terbium	159-1				99		%
Terbium	159-2				90		%
Thallium	203-1	1336.87	1315.65	1329.78	1327.44	0.81	ppb
Thallium	205-1	1329.53	1321.43	1318.42	1323.13	0.43	ppb
Thorium	232-1	54.32	54.83	55.04	54.73	0.68	ppb
Tin	118-1	1585.94	1584.70	1591.75	1587.46	0.24	ppb
Titanium	47-1	5416.95	5445.75	5396.17	5419.62	0.46	ppb
Uranium	238-1	638.28	639.47	645.14	640.96	0.57	ppb
Vanadium	51-2	1961.60	1950.74	1938.78	1950.37	0.59	ppb
Yttrium	89-1				114		%
Yttrium	89-2				104		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	6671.67	6663.33	6642.42	6659.14	0.23	ppb
Zirconium	90-1	32.44	32.42	32.65	32.50	0.40	ppb
Zirconium	91-1	33.25	33.26	33.53	33.35	0.48	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:17:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9463.77	9525.61	9464.95	9484.78	0.37	ppb
Antimony	121-1	501.94	505.27	500.49	502.57	0.49	ppb
Arsenic	75-2	516.09	511.64	510.51	512.75	0.58	ppb
Barium	135-1	2513.51	2515.91	2513.68	2514.37	0.05	ppb
Barium	137-1	2510.30	2520.79	2509.79	2513.63	0.25	ppb
Beryllium	9-1	513.82	514.50	516.00	514.77	0.22	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	498.55	504.79	515.80	506.38	1.73	ppb
Boron	11-1	500.64	509.18	515.60	508.47	1.48	ppb
Cadmium	111-1	509.84	510.37	506.25	508.82	0.44	ppb
Cadmium	106-1	503.39	509.79	507.71	506.96	0.64	ppb
Cadmium	108-1	515.33	512.49	502.74	510.19	1.29	ppb
Calcium	43-1	48407.65	48182.46	48224.94	48271.68	0.25	ppb
Calcium	44-1	48120.56	48427.75	48440.64	48329.65	0.37	ppb
Chromium	52-2	504.72	509.64	510.86	508.41	0.64	ppb
Cobalt	59-2	508.51	509.50	511.93	509.98	0.34	ppb
Copper	63-2	1011.01	1020.99	1022.45	1018.15	0.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				87		%
Indium	115-2				84		%
Iron	56-2	26430.06	26577.56	26464.08	26490.57	0.29	ppb
Iron	57-2	26115.68	26407.17	26212.63	26245.16	0.57	ppb
Krypton	83-1						cps
Lead	206-1	500.30	503.84	503.13	502.42	0.37	ppb
Lead	207-1	473.98	477.76	501.67	484.47	3.10	ppb
Lead	208-1	492.86	495.58	500.45	496.30	0.78	ppb
Lithium	6-1				80		%
Magnesium	24-2	48643.93	48802.06	48634.82	48693.61	0.19	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:17:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.03	1030.41	1027.23	1025.56	0.57	ppb
Molybdenum	94-1	2514.15	2524.56	2509.73	2516.14	0.30	ppb
Molybdenum	95-1	2528.86	2519.19	2504.85	2517.64	0.48	ppb
Molybdenum	96-1	2527.43	2521.47	2506.45	2518.45	0.43	ppb
Molybdenum	97-1	2513.98	2518.56	2513.06	2515.20	0.12	ppb
Molybdenum	98-1	2519.66	2518.74	2518.09	2518.83	0.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	513.03	512.94	514.33	513.43	0.15	ppb
Phosphorus	31-2	10301.16	10409.96	10331.67	10347.60	0.54	ppb
Potassium	39-2	24136.51	24336.91	24186.66	24220.03	0.43	ppb
Rhodium	103-1				83		%
Rhodium	103-2				82		%
Scandium	45-1				79		%
Scandium	45-2				81		%
Selenium	77-2	535.75	544.78	541.45	540.66	0.85	ppb
Selenium	78-2	529.86	518.16	522.07	523.36	1.14	ppb
Selenium	82-1	525.40	522.51	523.22	523.71	0.29	ppb
Silicon	28-1	508.33	515.87	523.24	515.81	1.44	ppb
Silver	109-1	511.59	513.85	509.54	511.66	0.42	ppb
Silver	107-1	512.40	509.33	514.85	512.19	0.54	ppb
Sodium	23-2	48812.54	49103.72	48867.79	48928.02	0.32	ppb
Strontium	86-1	502.38	505.32	498.54	502.08	0.68	ppb
Strontium	88-1	505.13	505.48	503.15	504.59	0.25	ppb
Sulfur	34-1	9877.65	9673.08	9745.20	9765.31	1.06	ppb
Terbium	159-1				98		%
Terbium	159-2				95		%
Thallium	203-1	496.82	503.95	500.89	500.55	0.72	ppb
Thallium	205-1	497.14	504.50	503.51	501.71	0.80	ppb
Thorium	232-1	493.03	497.61	498.62	496.42	0.60	ppb
Tin	118-1	490.27	492.83	487.98	490.36	0.49	ppb
Titanium	47-1	2512.27	2498.90	2500.61	2503.93	0.29	ppb
Uranium	238-1	486.11	489.35	492.56	489.34	0.66	ppb
Vanadium	51-2	505.07	508.10	508.52	507.23	0.37	ppb
Yttrium	89-1				86		%
Yttrium	89-2				84		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:17:55	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1044.35	1058.69	1055.36	1052.80	0.71	ppb
Zirconium	90-1	500.66	503.22	501.47	501.78	0.26	ppb
Zirconium	91-1	502.50	500.52	499.64	500.89	0.29	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47452.97	45499.30	46495.51	46482.59	2.10	ppb
Antimony	121-1	519.05	512.16	520.92	517.38	0.89	ppb
Arsenic	75-2	477.51	456.69	471.59	468.60	2.29	ppb
Barium	135-1	2531.36	2501.95	2537.03	2523.45	0.75	ppb
Barium	137-1	2544.59	2501.44	2532.29	2526.11	0.88	ppb
Beryllium	9-1	504.46	500.42	507.02	503.97	0.66	ppb
Bismuth	209-1				88		%
Bismuth	209-2				83		%
Boron	10-1	504.82	508.14	519.99	510.98	1.56	ppb
Boron	11-1	505.72	504.68	516.43	508.95	1.28	ppb
Cadmium	111-1	523.33	516.50	519.34	519.72	0.66	ppb
Cadmium	106-1	525.66	523.67	523.49	524.27	0.23	ppb
Cadmium	108-1	523.15	522.98	531.75	525.96	0.95	ppb
Calcium	43-1	237706.68	235125.63	237079.67	236637.33	0.57	ppb
Calcium	44-1	237647.94	235933.44	237028.12	236869.83	0.37	ppb
Chromium	52-2	513.77	491.75	502.68	502.73	2.19	ppb
Cobalt	59-2	488.56	470.00	480.17	479.58	1.94	ppb
Copper	63-2	1000.48	958.60	986.83	981.97	2.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				96		%
Indium	115-1				84		%
Indium	115-2				83		%
Iron	56-2	124910.58	119611.43	122815.39	122445.80	2.18	ppb
Iron	57-2	126167.68	119124.14	122654.30	122648.71	2.87	ppb
Krypton	83-1						cps
Lead	206-1	517.90	514.04	522.78	518.24	0.84	ppb
Lead	207-1	495.98	490.86	498.14	494.99	0.76	ppb
Lead	208-1	512.72	507.90	516.62	512.42	0.85	ppb
Lithium	6-1				85		%
Magnesium	24-2	238076.44	228440.01	233561.44	233359.30	2.07	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.10	956.69	980.76	978.18	2.08	ppb
Molybdenum	94-1	2507.58	2500.37	2534.21	2514.05	0.71	ppb
Molybdenum	95-1	2521.06	2504.15	2531.05	2518.75	0.54	ppb
Molybdenum	96-1	2512.29	2510.62	2541.14	2521.35	0.68	ppb
Molybdenum	97-1	2523.98	2515.53	2539.90	2526.47	0.49	ppb
Molybdenum	98-1	2518.67	2514.05	2531.88	2521.53	0.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.98	467.13	476.97	477.02	2.08	ppb
Phosphorus	31-2	9938.79	9712.86	9768.37	9806.68	1.20	ppb
Potassium	39-2	119995.08	114113.08	117493.93	117200.70	2.52	ppb
Rhodium	103-1				79		%
Rhodium	103-2				79		%
Scandium	45-1				83		%
Scandium	45-2				86		%
Selenium	77-2	506.69	493.39	520.86	506.98	2.71	ppb
Selenium	78-2	500.46	478.38	490.66	489.83	2.26	ppb
Selenium	82-1	495.24	490.06	495.42	493.57	0.62	ppb
Silicon	28-1	529.30	536.27	549.81	538.46	1.94	ppb
Silver	109-1	487.39	482.53	488.00	485.97	0.62	ppb
Silver	107-1	484.83	479.08	487.25	483.72	0.87	ppb
Sodium	23-2	241577.79	231798.39	237485.49	236953.89	2.07	ppb
Strontium	86-1	501.40	496.76	502.28	500.15	0.59	ppb
Strontium	88-1	502.41	498.43	505.31	502.05	0.69	ppb
Sulfur	34-1	9969.70	9870.29	10162.50	10000.83	1.49	ppb
Terbium	159-1				97		%
Terbium	159-2				94		%
Thallium	203-1	516.06	515.66	518.46	516.73	0.29	ppb
Thallium	205-1	515.79	513.49	520.19	516.49	0.66	ppb
Thorium	232-1	526.83	526.05	533.02	528.63	0.72	ppb
Tin	118-1	486.60	473.91	482.41	480.97	1.34	ppb
Titanium	47-1	2503.49	2471.12	2502.07	2492.23	0.73	ppb
Uranium	238-1	531.46	529.62	538.21	533.10	0.85	ppb
Vanadium	51-2	504.31	482.52	495.80	494.21	2.22	ppb
Yttrium	89-1				87		%
Yttrium	89-2				87		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1058.67	1015.33	1035.85	1036.61	2.09	ppb
Zirconium	90-1	505.97	501.55	509.12	505.55	0.75	ppb
Zirconium	91-1	503.89	502.23	505.17	503.76	0.29	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:39:27	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.56	-0.03	0.21	0.25	120.39	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	0.14	ppb
Arsenic	75-2	0.01	0.00	0.02	0.01	73.63	ppb
Barium	135-1	0.01	0.00	0.02	0.01	78.01	ppb
Barium	137-1	0.01	0.01	0.02	0.01	23.81	ppb
Beryllium	9-1	0.02	0.04	0.05	0.04	33.89	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	7.19	7.32	7.42	7.31	1.56	ppb
Boron	11-1	7.21	7.50	6.72	7.14	5.55	ppb
Cadmium	111-1	-0.02	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-2.79	-0.93	-2.35	-2.02		ppb
Cadmium	108-1	-0.01	0.02	-0.01	0.00		ppb
Calcium	43-1	-0.01	-0.01	-0.04	-0.02		ppb
Calcium	44-1	0.56	0.84	0.80	0.73	20.96	ppb
Chromium	52-2	-0.01	0.01	-0.02	-0.01		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.01	0.02	0.01	0.01	52.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	0.84	0.71	0.92	0.82	12.89	ppb
Iron	57-2	0.25	0.25	1.41	0.64	104.96	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.04	10.85	ppb
Lead	207-1	0.04	0.03	0.05	0.04	26.95	ppb
Lead	208-1	0.04	0.04	0.04	0.04	1.73	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.71	1.92	1.46	1.70	13.56	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:39:27	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.02	0.02	0.02	21.07	ppb
Molybdenum	94-1	0.04	0.04	0.05	0.04	10.65	ppb
Molybdenum	95-1	0.05	0.05	0.04	0.05	18.75	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	3.64	ppb
Molybdenum	97-1	0.06	0.05	0.06	0.05	10.40	ppb
Molybdenum	98-1	0.06	0.04	0.03	0.04	35.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-15.35	-17.28	-13.57	-15.40		ppb
Potassium	39-2	2.63	-0.16	0.38	0.95	155.90	ppb
Rhodium	103-1				99		%
Rhodium	103-2				95		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.25	0.25	0.17	86.60	ppb
Selenium	78-2	-0.06	-0.14	-0.10	-0.10		ppb
Selenium	82-1	0.01	-0.03	-0.25	-0.09		ppb
Silicon	28-1	-2.20	-2.28	-2.06	-2.18		ppb
Silver	109-1	0.02	0.01	0.01	0.01	25.14	ppb
Silver	107-1	0.01	0.01	0.01	0.01	13.86	ppb
Sodium	23-2	6.47	4.83	5.11	5.47	16.02	ppb
Strontium	86-1	-0.01	-0.01	0.02	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	18.94	ppb
Sulfur	34-1	151.67	133.84	112.22	132.58	14.90	ppb
Terbium	159-1				103		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.05	0.04	0.04	11.65	ppb
Thallium	205-1	0.05	0.04	0.04	0.04	3.82	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	3.79	ppb
Tin	118-1	0.01	0.02	0.04	0.02	56.07	ppb
Titanium	47-1	0.02	0.01	0.00	0.01	82.63	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	14.98	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	0.17	ppb
Yttrium	89-1				98		%
Yttrium	89-2				96		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:39:27	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.01	0.09	0.00	0.03	211.12	ppb
Zirconium	90-1	0.01	0.02	0.01	0.01	50.28	ppb
Zirconium	91-1	0.00	0.02	0.02	0.01	101.28	ppb

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:43:01 DataFile Name : 037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.01	0.06	-0.14	-0.02		ppb
Antimony	121-1	0.03	0.03	0.03	0.03	7.44	ppb
Arsenic	75-2	0.02	0.02	0.02	0.02	12.69	ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.00	0.00	0.01	49.99	ppb
Beryllium	9-1	0.03	0.03	0.03	0.03	12.66	ppb
Bismuth	209-1				104		%
Bismuth	209-2				99		%
Boron	10-1	5.68	5.46	5.74	5.63	2.61	ppb
Boron	11-1	5.81	5.79	5.79	5.80	0.17	ppb
Cadmium	111-1	-0.01	0.00	-0.01	-0.01		ppb
Cadmium	106-1	-1.86	-0.88	-1.92	-1.55		ppb
Cadmium	108-1	-0.04	-0.04	0.00	-0.03		ppb
Calcium	43-1	0.81	-2.10	-1.19	-0.83		ppb
Calcium	44-1	-0.47	-0.60	-0.37	-0.48		ppb
Chromium	52-2	0.00	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	112.24	ppb
Copper	63-2	0.01	0.01	0.01	0.01	39.83	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				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	0.14	0.24	0.23	0.20	27.14	ppb
Iron	57-2	-0.07	-0.10	-0.09	-0.09		ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.04	10.04	ppb
Lead	207-1	0.04	0.03	0.03	0.03	16.86	ppb
Lead	208-1	0.04	0.03	0.03	0.03	15.66	ppb
Lithium	6-1				97		%
Magnesium	24-2	0.37	0.22	0.65	0.41	52.58	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:43:01	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.01	0.01	36.09	ppb
Molybdenum	94-1	0.02	0.01	0.01	0.02	39.31	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	7.21	ppb
Molybdenum	96-1	0.02	0.01	0.02	0.02	25.67	ppb
Molybdenum	97-1	0.03	0.01	0.01	0.02	50.57	ppb
Molybdenum	98-1	0.01	0.02	0.02	0.02	26.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.01	-0.01	0.00		ppb
Phosphorus	31-2	-9.99	-14.56	-13.41	-12.65		ppb
Potassium	39-2	-0.02	0.98	0.51	0.49	101.65	ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.05	-0.32	-0.16	-0.15		ppb
Selenium	82-1	-0.57	-0.08	-0.07	-0.24		ppb
Silicon	28-1	-2.72	-2.54	-2.43	-2.56		ppb
Silver	109-1	0.01	0.01	0.01	0.01	17.37	ppb
Silver	107-1	0.01	0.02	0.01	0.01	20.83	ppb
Sodium	23-2	3.88	3.68	3.89	3.82	3.07	ppb
Strontium	86-1	-0.01	-0.03	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	151.34	ppb
Sulfur	34-1	60.70	43.62	41.57	48.63	21.60	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.04	0.04	0.03	0.04	6.99	ppb
Thallium	205-1	0.03	0.03	0.04	0.04	12.25	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	2.71	ppb
Tin	118-1	0.00	0.02	0.02	0.01	108.98	ppb
Titanium	47-1	0.01	-0.02	0.03	0.01	401.68	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	107.61	ppb
Vanadium	51-2	0.01	0.01	0.00	0.01	70.30	ppb
Yttrium	89-1				100		%
Yttrium	89-2				97		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:43:01	DataFile Name :	037CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.00	0.04	0.01	477.66	ppb
Zirconium	90-1	0.00	0.01	0.00	0.01	58.54	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	136.97	ppb

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:46:35 DataFile Name : 038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.20	0.44	0.15	0.26	59.68	ppb
Antimony	121-1	0.02	0.03	0.02	0.02	7.78	ppb
Arsenic	75-2	0.02	0.01	0.02	0.02	48.28	ppb
Barium	135-1	0.01	0.00	0.01	0.01	71.28	ppb
Barium	137-1	0.01	0.01	0.00	0.01	67.98	ppb
Beryllium	9-1	0.03	0.02	0.03	0.03	33.94	ppb
Bismuth	209-1				105		%
Bismuth	209-2				100		%
Boron	10-1	5.10	4.93	4.35	4.79	8.21	ppb
Boron	11-1	5.16	4.92	5.06	5.04	2.41	ppb
Cadmium	111-1	-0.01	0.00	-0.02	-0.01		ppb
Cadmium	106-1	-1.62	-1.80	-1.91	-1.77		ppb
Cadmium	108-1	-0.03	-0.04	0.06	0.00		ppb
Calcium	43-1	0.59	-0.51	-0.54	-0.15		ppb
Calcium	44-1	0.63	-0.18	0.01	0.15	276.39	ppb
Chromium	52-2	-0.01	0.00	0.00	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	156.52	ppb
Copper	63-2	0.01	-0.01	0.01	0.00	526.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				98		%
Iron	56-2	0.44	0.48	0.33	0.42	18.22	ppb
Iron	57-2	0.07	0.43	0.29	0.27	68.21	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.02	0.03	0.03	24.10	ppb
Lead	207-1	0.02	0.03	0.03	0.03	29.58	ppb
Lead	208-1	0.03	0.03	0.03	0.03	11.11	ppb
Lithium	6-1				98		%
Magnesium	24-2	1.55	0.98	0.80	1.11	35.27	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:46:35	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.01	0.02	0.01	29.79	ppb
Molybdenum	94-1	0.03	0.03	0.03	0.03	4.05	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	34.64	ppb
Molybdenum	96-1	0.03	0.02	0.03	0.03	32.02	ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	22.84	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	12.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	-0.01	-0.01		ppb
Phosphorus	31-2	-24.96	1.86	-27.06	-16.72		ppb
Potassium	39-2	-2.90	1.17	-2.89	-1.54		ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.00	0.24	0.24	0.16	86.61	ppb
Selenium	78-2	-0.12	-0.08	0.01	-0.06		ppb
Selenium	82-1	0.03	0.09	-0.11	0.00	7322.78	ppb
Silicon	28-1	-2.22	-2.55	-2.65	-2.47		ppb
Silver	109-1	0.01	0.01	0.00	0.01	30.74	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.98	ppb
Sodium	23-2	2.99	3.15	3.48	3.21	7.82	ppb
Strontium	86-1	-0.01	0.00	0.03	0.01	333.91	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	105.22	ppb
Sulfur	34-1	132.04	157.37	42.57	110.66	54.50	ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.04	0.03	0.04	6.04	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	6.07	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	9.67	ppb
Tin	118-1	0.01	0.01	0.01	0.01	7.09	ppb
Titanium	47-1	0.02	0.00	0.01	0.01	92.06	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	22.68	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	15.48	ppb
Yttrium	89-1				101		%
Yttrium	89-2				98		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:46:35	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.08	-0.07	0.02	424.66	ppb
Zirconium	90-1	0.00	0.01	0.00	0.00	69.33	ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	65.30	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9503.44	9561.43	9523.99	9529.62	0.31	ppb
Antimony	121-1	512.34	505.81	505.53	507.89	0.76	ppb
Arsenic	75-2	510.08	505.36	512.16	509.20	0.68	ppb
Barium	135-1	2570.88	2532.33	2547.54	2550.25	0.76	ppb
Barium	137-1	2554.85	2530.60	2553.45	2546.30	0.53	ppb
Beryllium	9-1	513.99	514.10	514.07	514.05	0.01	ppb
Bismuth	209-1				99		%
Bismuth	209-2				93		%
Boron	10-1	488.65	499.80	509.55	499.33	2.09	ppb
Boron	11-1	485.33	501.34	505.89	497.52	2.17	ppb
Cadmium	111-1	521.85	510.53	509.39	513.92	1.34	ppb
Cadmium	106-1	527.52	513.65	513.06	518.08	1.58	ppb
Cadmium	108-1	527.90	515.61	509.50	517.67	1.81	ppb
Calcium	43-1	49080.09	48568.10	48102.07	48583.42	1.01	ppb
Calcium	44-1	48809.84	48366.07	48227.51	48467.81	0.63	ppb
Chromium	52-2	506.85	507.85	505.44	506.71	0.24	ppb
Cobalt	59-2	508.19	507.55	510.35	508.70	0.29	ppb
Copper	63-2	1010.92	1012.77	1019.21	1014.30	0.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				92		%
Indium	115-2				87		%
Iron	56-2	26513.36	26363.68	26355.15	26410.73	0.34	ppb
Iron	57-2	26162.89	26066.44	26270.37	26166.57	0.39	ppb
Krypton	83-1						cps
Lead	206-1	504.16	502.75	507.99	504.97	0.54	ppb
Lead	207-1	503.09	499.81	504.97	502.62	0.52	ppb
Lead	208-1	503.58	500.83	505.33	503.24	0.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	49089.71	48807.10	49019.11	48971.98	0.30	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1016.14	1025.64	1020.87	1020.88	0.47	ppb
Molybdenum	94-1	2531.99	2506.74	2528.98	2522.57	0.55	ppb
Molybdenum	95-1	2520.91	2519.64	2514.28	2518.28	0.14	ppb
Molybdenum	96-1	2527.41	2515.65	2508.85	2517.30	0.37	ppb
Molybdenum	97-1	2526.70	2506.75	2503.51	2512.32	0.50	ppb
Molybdenum	98-1	2524.20	2499.47	2508.09	2510.59	0.50	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.94	509.57	511.80	509.77	0.38	ppb
Phosphorus	31-2	10216.00	10209.89	10243.12	10223.00	0.17	ppb
Potassium	39-2	24219.87	24166.22	24183.40	24189.83	0.11	ppb
Rhodium	103-1				89		%
Rhodium	103-2				85		%
Scandium	45-1				88		%
Scandium	45-2				85		%
Selenium	77-2	497.11	518.58	520.33	512.00	2.53	ppb
Selenium	78-2	518.60	519.84	513.41	517.28	0.66	ppb
Selenium	82-1	527.08	514.95	518.90	520.31	1.19	ppb
Silicon	28-1	489.44	490.45	491.31	490.40	0.19	ppb
Silver	109-1	529.81	517.90	519.24	522.32	1.25	ppb
Silver	107-1	531.40	522.72	518.42	524.18	1.26	ppb
Sodium	23-2	49417.53	49196.46	49187.06	49267.02	0.26	ppb
Strontium	86-1	506.26	502.29	503.47	504.01	0.40	ppb
Strontium	88-1	505.56	503.60	504.25	504.47	0.20	ppb
Sulfur	34-1	10595.71	10240.06	9955.44	10263.74	3.13	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	504.22	503.38	503.03	503.54	0.12	ppb
Thallium	205-1	504.13	504.11	504.89	504.37	0.09	ppb
Thorium	232-1	490.60	490.58	490.84	490.67	0.03	ppb
Tin	118-1	515.36	506.92	505.78	509.35	1.03	ppb
Titanium	47-1	2517.32	2495.52	2471.62	2494.82	0.92	ppb
Uranium	238-1	486.46	489.97	486.12	487.52	0.44	ppb
Vanadium	51-2	505.77	505.82	505.49	505.69	0.04	ppb
Yttrium	89-1				92		%
Yttrium	89-2				88		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1028.42	1025.64	1033.29	1029.12	0.38	ppb
Zirconium	90-1	504.89	500.49	504.72	503.37	0.49	ppb
Zirconium	91-1	503.57	497.83	499.90	500.43	0.58	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.16	18.35	21.16	19.22	8.73	ppb
Antimony	121-1	2.14	2.09	1.98	2.07	3.88	ppb
Arsenic	75-2	1.12	1.13	1.18	1.14	2.60	ppb
Barium	135-1	10.11	10.09	10.02	10.07	0.50	ppb
Barium	137-1	9.97	9.94	10.14	10.02	1.10	ppb
Beryllium	9-1	1.14	1.06	1.05	1.08	4.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				96		%
Boron	10-1	32.80	30.75	31.94	31.83	3.23	ppb
Boron	11-1	31.70	32.62	32.72	32.35	1.73	ppb
Cadmium	111-1	1.13	1.02	0.97	1.04	7.70	ppb
Cadmium	106-1	-1.02	-1.39	-0.24	-0.88		ppb
Cadmium	108-1	0.81	1.11	1.14	1.02	17.82	ppb
Calcium	43-1	486.23	486.63	473.00	481.95	1.61	ppb
Calcium	44-1	481.87	475.44	479.63	478.98	0.68	ppb
Chromium	52-2	2.33	2.17	2.20	2.24	3.83	ppb
Cobalt	59-2	1.14	1.10	1.04	1.10	4.51	ppb
Copper	63-2	2.24	2.25	2.19	2.23	1.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				91		%
Iron	56-2	54.28	54.16	54.17	54.21	0.12	ppb
Iron	57-2	57.29	56.57	56.23	56.70	0.95	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.99	1.01	1.01	1.22	ppb
Lead	207-1	1.02	0.98	1.00	1.00	2.09	ppb
Lead	208-1	1.02	0.99	1.01	1.01	1.68	ppb
Lithium	6-1				88		%
Magnesium	24-2	485.81	485.45	488.49	486.58	0.34	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	1.11	1.16	1.13	2.38	ppb
Molybdenum	94-1	5.11	4.97	5.13	5.07	1.72	ppb
Molybdenum	95-1	5.03	5.00	5.22	5.08	2.36	ppb
Molybdenum	96-1	5.24	5.02	5.12	5.13	2.17	ppb
Molybdenum	97-1	5.20	4.77	4.99	4.98	4.32	ppb
Molybdenum	98-1	5.19	5.03	5.01	5.07	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.23	1.18	1.22	1.21	2.27	ppb
Phosphorus	31-2	1.07	-12.97	-12.10	-8.00		ppb
Potassium	39-2	493.81	491.17	490.55	491.84	0.35	ppb
Rhodium	103-1				94		%
Rhodium	103-2				90		%
Scandium	45-1				88		%
Scandium	45-2				87		%
Selenium	77-2	5.66	5.92	5.07	5.55	7.83	ppb
Selenium	78-2	5.54	4.69	4.08	4.77	15.42	ppb
Selenium	82-1	5.53	5.05	5.52	5.37	5.07	ppb
Silicon	28-1	11.20	10.41	10.24	10.62	4.80	ppb
Silver	109-1	1.09	1.09	1.07	1.08	0.81	ppb
Silver	107-1	1.06	1.06	1.09	1.07	1.74	ppb
Sodium	23-2	502.73	495.92	493.43	497.36	0.97	ppb
Strontium	86-1	1.16	0.98	0.96	1.03	10.95	ppb
Strontium	88-1	1.02	1.03	0.99	1.01	2.11	ppb
Sulfur	34-1	-342.16	-432.13	-441.42	-405.23		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	1.05	1.01	0.96	1.01	4.28	ppb
Thallium	205-1	1.02	1.00	1.02	1.01	1.22	ppb
Thorium	232-1	0.92	0.93	0.93	0.93	0.53	ppb
Tin	118-1	5.20	5.04	4.94	5.06	2.62	ppb
Titanium	47-1	4.71	5.03	5.13	4.96	4.43	ppb
Uranium	238-1	0.92	0.91	0.92	0.92	0.46	ppb
Vanadium	51-2	5.08	4.90	4.95	4.98	1.87	ppb
Yttrium	89-1				93		%
Yttrium	89-2				89		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.69	2.40	2.50	2.53	5.69	ppb
Zirconium	90-1	1.00	1.02	1.03	1.01	1.70	ppb
Zirconium	91-1	1.11	0.97	1.00	1.03	6.94	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:20:50	DataFile Name :	045LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.05	17.85	18.48	18.13	1.78	ppb
Antimony	121-1	1.90	1.91	1.81	1.87	3.17	ppb
Arsenic	75-2	0.97	0.88	0.92	0.93	5.11	ppb
Barium	135-1	9.48	9.49	9.35	9.44	0.81	ppb
Barium	137-1	9.35	9.42	9.43	9.40	0.48	ppb
Beryllium	9-1	0.99	1.08	1.00	1.02	4.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				100		%
Boron	10-1	24.90	24.96	24.42	24.76	1.21	ppb
Boron	11-1	24.78	25.21	25.58	25.19	1.60	ppb
Cadmium	111-1	0.95	0.97	0.97	0.96	1.37	ppb
Cadmium	106-1	-1.10	-1.10	-1.49	-1.23		ppb
Cadmium	108-1	1.17	0.95	1.01	1.04	10.81	ppb
Calcium	43-1	434.42	425.34	447.01	435.59	2.50	ppb
Calcium	44-1	437.69	433.05	433.44	434.72	0.59	ppb
Chromium	52-2	2.03	1.97	1.91	1.97	3.01	ppb
Cobalt	59-2	0.98	1.02	0.97	0.99	2.36	ppb
Copper	63-2	2.00	2.01	1.96	1.99	1.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				99		%
Iron	56-2	49.56	47.90	48.15	48.54	1.85	ppb
Iron	57-2	49.43	49.75	49.15	49.44	0.61	ppb
Krypton	83-1						cps
Lead	206-1	0.89	0.89	0.89	0.89	0.20	ppb
Lead	207-1	0.91	0.89	0.90	0.90	1.19	ppb
Lead	208-1	0.91	0.90	0.89	0.90	1.13	ppb
Lithium	6-1				99		%
Magnesium	24-2	444.47	441.45	434.51	440.14	1.16	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:20:50	DataFile Name :	045LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.01	0.96	0.98	0.98	2.72	ppb
Molybdenum	94-1	4.68	4.60	4.52	4.60	1.67	ppb
Molybdenum	95-1	4.52	4.43	4.54	4.50	1.26	ppb
Molybdenum	96-1	4.68	4.71	4.70	4.70	0.30	ppb
Molybdenum	97-1	4.47	4.52	4.44	4.48	0.93	ppb
Molybdenum	98-1	4.64	4.58	4.47	4.56	1.86	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	0.98	1.05	1.04	4.92	ppb
Phosphorus	31-2	-26.49	-4.40	-20.71	-17.20		ppb
Potassium	39-2	457.85	448.25	441.77	449.29	1.80	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	5.88	3.63	5.53	5.01	24.12	ppb
Selenium	78-2	4.29	4.70	6.04	5.01	18.18	ppb
Selenium	82-1	4.58	5.00	4.45	4.68	6.21	ppb
Silicon	28-1	8.12	7.88	8.15	8.05	1.81	ppb
Silver	109-1	1.01	1.04	1.04	1.03	1.78	ppb
Silver	107-1	1.10	1.00	0.98	1.03	6.52	ppb
Sodium	23-2	451.59	434.46	440.67	442.24	1.96	ppb
Strontium	86-1	0.94	1.05	0.88	0.96	8.96	ppb
Strontium	88-1	0.94	0.91	0.93	0.93	1.85	ppb
Sulfur	34-1	38.47	-22.89	-26.46	-3.63		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.91	0.93	0.93	0.92	1.40	ppb
Thallium	205-1	0.92	0.88	0.92	0.91	2.21	ppb
Thorium	232-1	0.82	0.81	0.80	0.81	1.25	ppb
Tin	118-1	4.84	4.66	4.57	4.69	2.94	ppb
Titanium	47-1	4.63	4.66	4.66	4.65	0.34	ppb
Uranium	238-1	0.83	0.82	0.80	0.82	1.87	ppb
Vanadium	51-2	4.65	4.54	4.54	4.58	1.37	ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:20:50	DataFile Name :	045LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.20	2.17	2.12	2.17	1.82	ppb
Zirconium	90-1	0.94	0.92	0.90	0.92	2.44	ppb
Zirconium	91-1	1.01	0.96	0.92	0.96	4.73	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:24:25	DataFile Name :	046CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	46902.76	46612.81	46859.05	46791.54	0.33	ppb
Antimony	121-1	512.98	511.46	509.40	511.28	0.35	ppb
Arsenic	75-2	478.51	476.51	478.19	477.74	0.22	ppb
Barium	135-1	2519.65	2496.30	2497.69	2504.55	0.52	ppb
Barium	137-1	2504.40	2499.68	2480.68	2494.92	0.50	ppb
Beryllium	9-1	500.68	500.12	497.72	499.51	0.31	ppb
Bismuth	209-1				91		%
Bismuth	209-2				84		%
Boron	10-1	487.43	494.46	495.08	492.32	0.86	ppb
Boron	11-1	487.75	494.59	492.78	491.71	0.72	ppb
Cadmium	111-1	518.83	516.25	514.82	516.63	0.39	ppb
Cadmium	106-1	524.73	517.77	518.99	520.49	0.71	ppb
Cadmium	108-1	527.61	515.72	516.60	519.98	1.27	ppb
Calcium	43-1	234904.83	235159.94	235604.36	235223.04	0.15	ppb
Calcium	44-1	235751.31	235941.57	236294.60	235995.83	0.12	ppb
Chromium	52-2	508.46	506.45	506.31	507.07	0.24	ppb
Cobalt	59-2	479.23	481.75	480.67	480.55	0.26	ppb
Copper	63-2	989.18	992.97	988.32	990.15	0.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				98		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	123760.85	123594.38	122990.14	123448.45	0.33	ppb
Iron	57-2	123537.41	123376.21	123128.47	123347.37	0.17	ppb
Krypton	83-1						cps
Lead	206-1	518.47	520.48	517.34	518.76	0.31	ppb
Lead	207-1	491.35	517.95	489.50	499.60	3.19	ppb
Lead	208-1	510.08	518.25	510.86	513.06	0.88	ppb
Lithium	6-1				87		%
Magnesium	24-2	236498.52	235652.18	235808.78	235986.49	0.19	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:24:25	DataFile Name :	046CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.13	982.58	972.52	978.74	0.56	ppb
Molybdenum	94-1	2497.12	2493.16	2479.19	2489.82	0.38	ppb
Molybdenum	95-1	2509.27	2494.73	2492.46	2498.82	0.37	ppb
Molybdenum	96-1	2510.16	2497.77	2500.92	2502.95	0.26	ppb
Molybdenum	97-1	2503.36	2497.47	2505.10	2501.97	0.16	ppb
Molybdenum	98-1	2494.27	2490.33	2494.36	2492.99	0.09	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.42	481.96	479.86	481.08	0.23	ppb
Phosphorus	31-2	9929.43	9871.62	9624.57	9808.54	1.65	ppb
Potassium	39-2	118674.91	118689.02	117800.34	118388.09	0.43	ppb
Rhodium	103-1				82		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				89		%
Selenium	77-2	486.56	498.51	500.12	495.06	1.50	ppb
Selenium	78-2	505.58	495.90	502.06	501.18	0.98	ppb
Selenium	82-1	497.71	492.87	483.66	491.42	1.45	ppb
Silicon	28-1	498.75	512.70	518.35	509.93	1.98	ppb
Silver	109-1	482.07	474.83	479.06	478.65	0.76	ppb
Silver	107-1	479.30	476.67	479.78	478.58	0.35	ppb
Sodium	23-2	240302.04	240005.99	239035.17	239781.07	0.28	ppb
Strontium	86-1	498.66	494.54	495.55	496.25	0.43	ppb
Strontium	88-1	499.71	499.72	495.97	498.47	0.43	ppb
Sulfur	34-1	10283.16	10277.31	10048.76	10203.08	1.31	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	515.69	519.01	512.98	515.89	0.59	ppb
Thallium	205-1	515.19	520.66	512.54	516.13	0.80	ppb
Thorium	232-1	522.54	523.53	517.03	521.03	0.67	ppb
Tin	118-1	477.94	475.47	470.31	474.57	0.82	ppb
Titanium	47-1	2480.15	2474.78	2473.25	2476.06	0.15	ppb
Uranium	238-1	521.09	524.31	515.99	520.46	0.81	ppb
Vanadium	51-2	501.26	499.58	497.15	499.33	0.41	ppb
Yttrium	89-1				90		%
Yttrium	89-2				89		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:24:25	DataFile Name :	046CCV0.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1046.89	1044.26	1042.00	1044.39	0.23	ppb
Zirconium	90-1	501.48	498.64	498.98	499.70	0.31	ppb
Zirconium	91-1	499.95	498.29	494.22	497.49	0.59	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:31:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.27	0.42	0.56	0.42	34.89	ppb
Antimony	121-1	0.11	0.10	0.10	0.10	4.51	ppb
Arsenic	75-2	0.02	0.02	0.03	0.03	16.82	ppb
Barium	135-1	0.03	0.05	0.04	0.04	22.81	ppb
Barium	137-1	0.03	0.04	0.04	0.04	11.37	ppb
Beryllium	9-1	0.03	0.02	0.05	0.04	40.44	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	5.43	5.86	5.14	5.48	6.67	ppb
Boron	11-1	5.73	5.70	5.33	5.59	4.00	ppb
Cadmium	111-1	-0.01	0.00	0.00	0.00		ppb
Cadmium	106-1	-1.68	-1.65	-1.60	-1.64		ppb
Cadmium	108-1	0.04	-0.01	-0.05	-0.01		ppb
Calcium	43-1	3.15	2.93	2.00	2.69	22.63	ppb
Calcium	44-1	2.30	1.85	3.03	2.39	24.81	ppb
Chromium	52-2	0.00	-0.02	0.00	-0.01		ppb
Cobalt	59-2	0.01	0.01	0.01	0.01	30.28	ppb
Copper	63-2	0.02	0.02	0.00	0.01	67.77	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				106		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	2.31	2.30	2.47	2.36	4.13	ppb
Iron	57-2	1.98	1.45	1.76	1.73	15.56	ppb
Krypton	83-1						cps
Lead	206-1	0.03	0.03	0.05	0.04	30.28	ppb
Lead	207-1	0.04	0.04	0.03	0.03	17.87	ppb
Lead	208-1	0.03	0.03	0.04	0.03	3.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	4.14	4.36	4.98	4.49	9.77	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:31:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.02	0.03	0.02	34.02	ppb
Molybdenum	94-1	0.12	0.12	0.09	0.11	15.04	ppb
Molybdenum	95-1	0.15	0.11	0.10	0.12	20.31	ppb
Molybdenum	96-1	0.10	0.13	0.12	0.12	10.75	ppb
Molybdenum	97-1	0.13	0.10	0.09	0.11	19.35	ppb
Molybdenum	98-1	0.12	0.09	0.10	0.10	13.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	0.00	0.00	188.84	ppb
Phosphorus	31-2	-16.16	-17.84	-11.86	-15.29		ppb
Potassium	39-2	0.56	4.39	2.53	2.49	76.94	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	0.25	0.00	0.00	0.08	173.21	ppb
Selenium	78-2	-0.09	-0.14	-0.39	-0.21		ppb
Selenium	82-1	-0.01	0.02	-0.28	-0.09		ppb
Silicon	28-1	-2.85	-3.20	-3.15	-3.07		ppb
Silver	109-1	0.01	0.01	0.26	0.10	150.20	ppb
Silver	107-1	0.02	0.01	0.02	0.01	27.62	ppb
Sodium	23-2	19.69	20.29	19.55	19.84	1.99	ppb
Strontium	86-1	-0.01	0.00	0.00	0.00		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	17.57	ppb
Sulfur	34-1	-190.29	-171.02	-175.04	-178.79		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	0.04	0.05	0.05	0.05	6.79	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	2.96	ppb
Thorium	232-1	0.14	0.11	0.10	0.12	15.35	ppb
Tin	118-1	0.07	0.06	0.05	0.06	20.02	ppb
Titanium	47-1	0.01	0.01	0.03	0.02	67.51	ppb
Uranium	238-1	0.01	0.01	0.01	0.01	10.21	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	19.99	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:31:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.00	0.07	0.06	0.04	93.51	ppb
Zirconium	90-1	0.03	0.03	0.03	0.03	13.95	ppb
Zirconium	91-1	0.04	0.04	0.04	0.04	2.50	ppb

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	75	67	67	12.49	cps
Antimony	121-1	25	25	42	31	31.50	cps
Arsenic	75-2	0	9	2	4	132.32	cps
Barium	135-1	8	50	33	31	68.64	cps
Barium	137-1	25	8	33	22	57.29	cps
Beryllium	9-1	28	39	39	35	18.23	cps
Bismuth	209-1	11243872	11254289	11321471	11273211	0.37	cps
Bismuth	209-2	5675905	5753482	5787224	5738870	0.99	cps
Boron	10-1	342	300	400	347	14.47	cps
Boron	11-1	1550	1408	1659	1539	8.15	cps
Cadmium	111-1	546	534	558	546	2.14	cps
Cadmium	106-1	5401	5518	5568	5496	1.56	cps
Cadmium	108-1	4	25	17	15	68.61	cps
Calcium	43-1	150	242	108	167	40.93	cps
Calcium	44-1	6152	5918	5660	5910	4.16	cps
Chromium	52-2	1323	1207	1260	1263	4.62	cps
Cobalt	59-2	83	63	70	72	14.11	cps
Copper	63-2	340	340	383	354	7.06	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	25	75	100	67	57.29	cps
Erbium	164-2	13	7	27	16	65.47	cps
Gadolinium	160-1	233	150	133	172	31.11	cps
Gadolinium	160-2	253	240	240	244	3.15	cps
Holmium	165-1	15511331	15453184	15487529	15484015	0.19	cps
Holmium	165-2	7394236	7405172	7424936	7408115	0.21	cps
Indium	115-1	11580505	11587034	11709453	11625664	0.62	cps
Indium	115-2	2179864	2193804	2205541	2193070	0.59	cps
Iron	56-2	5373	5457	5529	5453	1.43	cps
Iron	57-2	150	206	183	180	15.56	cps
Krypton	83-1	837	830	743	803	6.48	cps
Lead	206-1	567	606	617	596	4.40	cps
Lead	207-1	617	528	572	572	7.77	cps
Lead	208-1	2572	2445	2695	2571	4.86	cps
Lithium	6-1	3382757	3382441	3382522	3382573	0.00	cps
Magnesium	24-2	50	75	100	75	33.33	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	40	33	34	14.78	cps
Molybdenum	94-1	300	267	275	281	6.18	cps
Molybdenum	95-1	17	25	58	33	66.14	cps
Molybdenum	96-1	125	92	125	114	16.90	cps
Molybdenum	97-1	33	42	8	28	62.46	cps
Molybdenum	98-1	75	83	25	61	51.63	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	3	7	3	100.05	cps
Nickel	60-2	123	130	93	116	16.90	cps
Phosphorus	31-2	508	433	617	519	17.74	cps
Potassium	39-2	22927	23202	23436	23189	1.10	cps
Rhodium	103-1	10544639	10697105	10645880	10629208	0.73	cps
Rhodium	103-2	4944620	4984262	5019487	4982790	0.75	cps
Scandium	45-1	6966656	7039816	7105659	7037377	0.99	cps
Scandium	45-2	322574	323762	324741	323692	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	72	63	87	74	16.40	cps
Selenium	82-1	-19	-8	62	11	381.81	cps
Silicon	28-1	268093	266788	266645	267175	0.30	cps
Silver	109-1	92	83	83	86	5.58	cps
Silver	107-1	100	100	100	100	0.01	cps
Sodium	23-2	14299	14341	13765	14135	2.27	cps
Strontium	86-1	1267	1217	1233	1239	2.06	cps
Strontium	88-1	150	208	133	164	24.03	cps
Sulfur	34-1	466968	466109	460504	464527	0.76	cps
Terbium	159-1	15411276	15687824	15720051	15606384	1.09	cps
Terbium	159-2	7340086	7343977	7363488	7349184	0.17	cps
Thallium	203-1	175	175	167	172	2.79	cps
Thallium	205-1	383	308	350	347	10.82	cps
Thorium	232-1	61	78	22	54	53.09	cps
Tin	118-1	1358	1292	1492	1381	7.38	cps
Titanium	47-1	75	150	100	108	35.25	cps
Uranium	238-1	125	42	33	67	76.04	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	11504752	11512546	11564380	11527226	0.28	cps
Yttrium	89-2	1627747	1621714	1638348	1629270	0.52	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:30:04	DataFile Name :	004CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	387	423	373	394	6.57	cps
Zirconium	90-1	842	800	783	808	3.72	cps
Zirconium	91-1	158	175	133	156	13.48	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3567	3342	3559	3489	3.66	cps
Antimony	121-1	28605	28263	28045	28304	1.00	cps
Arsenic	75-2	565	541	507	538	5.36	cps
Barium	135-1	36006	36039	35496	35847	0.85	cps
Barium	137-1	63094	63178	61930	62734	1.11	cps
Beryllium	9-1	3723	4145	3778	3882	5.91	cps
Bismuth	209-1	11286145	11231972	11206184	11241434	0.36	cps
Bismuth	209-2	5690063	5825385	5628108	5714519	1.77	cps
Boron	10-1	16284	17152	17486	16974	3.65	cps
Boron	11-1	75974	76017	77121	76371	0.85	cps
Cadmium	111-1	4947	4428	4736	4704	5.55	cps
Cadmium	106-1	5927	5568	5960	5818	3.73	cps
Cadmium	108-1	317	429	396	381	15.18	cps
Calcium	43-1	22543	23595	22852	22997	2.35	cps
Calcium	44-1	375348	375653	377298	376100	0.28	cps
Chromium	52-2	10971	11251	11201	11141	1.34	cps
Cobalt	59-2	7859	8079	7879	7939	1.53	cps
Copper	63-2	12095	11872	12185	12051	1.34	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	117	67	83	89	28.64	cps
Erbium	164-2	43	83	43	57	40.76	cps
Gadolinium	160-1	167	150	133	150	11.11	cps
Gadolinium	160-2	217	237	290	248	15.30	cps
Holmium	165-1	15518546	15698473	15502506	15573175	0.70	cps
Holmium	165-2	7433708	7489422	7244842	7389324	1.73	cps
Indium	115-1	11658538	11631156	11661836	11650510	0.14	cps
Indium	115-2	2170020	2215622	2151011	2178884	1.52	cps
Iron	56-2	209916	212210	211742	211290	0.57	cps
Iron	57-2	5418	5151	5162	5244	2.88	cps
Krypton	83-1	773	850	780	801	5.30	cps
Lead	206-1	15743	15331	14875	15317	2.83	cps
Lead	207-1	13796	13580	13502	13626	1.12	cps
Lead	208-1	62408	62409	61051	61956	1.27	cps
Lithium	6-1	3409611	3420540	3430735	3420295	0.31	cps
Magnesium	24-2	191415	193559	192875	192616	0.57	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2934	3027	2980	2980	1.57	cps
Molybdenum	94-1	29882	31243	30675	30600	2.23	cps
Molybdenum	95-1	36882	37124	37266	37091	0.52	cps
Molybdenum	96-1	43233	41846	41645	42241	2.05	cps
Molybdenum	97-1	22752	22543	22544	22613	0.53	cps
Molybdenum	98-1	59675	59960	60336	59991	0.55	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	2280	2444	2417	2380	3.68	cps
Phosphorus	31-2	525	667	592	594	11.92	cps
Potassium	39-2	187014	189764	190904	189227	1.06	cps
Rhodium	103-1	10881308	10751323	10811152	10814594	0.60	cps
Rhodium	103-2	4909464	5054073	4898099	4953879	1.76	cps
Scandium	45-1	7026769	7064453	7093104	7061442	0.47	cps
Scandium	45-2	319367	328472	315120	320986	2.13	cps
Selenium	77-2	43	73	90	69	34.33	cps
Selenium	78-2	313	300	306	306	2.12	cps
Selenium	82-1	1761	1633	1707	1700	3.79	cps
Silicon	28-1	411415	409980	411330	410908	0.20	cps
Silver	109-1	19881	20432	20666	20326	1.98	cps
Silver	107-1	21208	21734	21642	21528	1.30	cps
Sodium	23-2	370994	376794	375786	374525	0.83	cps
Strontium	86-1	6060	6627	6485	6391	4.62	cps
Strontium	88-1	43392	43634	42974	43333	0.77	cps
Sulfur	34-1	462237	470446	468781	467155	0.93	cps
Terbium	159-1	15915290	15874277	15833770	15874446	0.26	cps
Terbium	159-2	7251506	7392239	7121053	7254932	1.87	cps
Thallium	203-1	17971	17863	17646	17826	0.93	cps
Thallium	205-1	42637	42728	43062	42809	0.52	cps
Thorium	232-1	65346	65714	64794	65285	0.71	cps
Tin	118-1	66650	64783	64793	65409	1.64	cps
Titanium	47-1	10404	10588	10746	10579	1.62	cps
Uranium	238-1	64853	65348	66830	65677	1.57	cps
Vanadium	51-2	17944	18081	18014	18013	0.38	cps
Yttrium	89-1	11638150	11671082	11641063	11650098	0.16	cps
Yttrium	89-2	1610008	1653294	1595835	1619712	1.85	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:38:10	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2420	2290	2340	2350	2.79	cps
Zirconium	90-1	26308	26609	26584	26500	0.63	cps
Zirconium	91-1	5751	5668	5751	5724	0.84	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	159012	156291	157343	157549	0.87	cps
Antimony	121-1	708437	702643	694750	701944	0.98	cps
Arsenic	75-2	23627	23332	23719	23559	0.86	cps
Barium	135-1	887639	887237	886263	887046	0.08	cps
Barium	137-1	1554696	1558265	1552792	1555251	0.18	cps
Beryllium	9-1	188268	188183	187442	187964	0.24	cps
Bismuth	209-1	11144057	11166065	11138807	11149643	0.13	cps
Bismuth	209-2	5539371	5601894	5617465	5586244	0.74	cps
Boron	10-1	32787	33914	32887	33196	1.88	cps
Boron	11-1	151216	151723	153168	152036	0.67	cps
Cadmium	111-1	206852	204952	203711	205172	0.77	cps
Cadmium	106-1	28571	29473	28571	28872	1.80	cps
Cadmium	108-1	16802	16347	16226	16458	1.84	cps
Calcium	43-1	224565	224519	221797	223627	0.71	cps
Calcium	44-1	3613053	3587504	3572825	3591127	0.57	cps
Chromium	52-2	218267	218657	216805	217909	0.45	cps
Cobalt	59-2	365494	364322	363605	364473	0.26	cps
Copper	63-2	521084	515999	516683	517922	0.53	cps
Dysprosium	156-1	25	17	17	19	24.73	cps
Dysprosium	156-2	13	17	20	17	20.01	cps
Erbium	164-1	25	58	25	36	53.30	cps
Erbium	164-2	17	23	27	22	22.91	cps
Gadolinium	160-1	92	125	83	100	22.05	cps
Gadolinium	160-2	287	270	207	254	16.59	cps
Holmium	165-1	15531222	15529649	15380988	15480620	0.56	cps
Holmium	165-2	7173146	7220877	7188507	7194176	0.34	cps
Indium	115-1	11461522	11452706	11290154	11401461	0.85	cps
Indium	115-2	2086850	2090090	2080203	2085714	0.24	cps
Iron	56-2	9528328	9486217	9488241	9500928	0.25	cps
Iron	57-2	235327	233500	237197	235341	0.79	cps
Krypton	83-1	750	677	747	724	5.72	cps
Lead	206-1	701299	696844	696607	698250	0.38	cps
Lead	207-1	643452	641066	636628	640382	0.54	cps
Lead	208-1	2889246	2889085	2875474	2884601	0.27	cps
Lithium	6-1	3378783	3371592	3341565	3363980	0.59	cps
Magnesium	24-2	1836664	1817725	1833985	1829458	0.56	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	266661	263771	265083	265172	0.55	cps
Molybdenum	94-1	1452357	1447518	1438798	1446224	0.48	cps
Molybdenum	95-1	1788908	1768161	1770696	1775921	0.64	cps
Molybdenum	96-1	1971448	1963186	1963047	1965894	0.24	cps
Molybdenum	97-1	1114730	1104282	1103173	1107395	0.58	cps
Molybdenum	98-1	2867491	2855870	2847888	2857083	0.35	cps
Neodymium	150-1	120	93	93	102	15.06	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	98236	99098	97521	98285	0.80	cps
Phosphorus	31-2	9337	9337	9145	9273	1.19	cps
Potassium	39-2	803051	791091	806853	800331	1.03	cps
Rhodium	103-1	10550817	10507153	10335595	10464522	1.09	cps
Rhodium	103-2	4738248	4736902	4709784	4728311	0.34	cps
Scandium	45-1	6880923	6829695	6737924	6816181	1.06	cps
Scandium	45-2	302503	305355	304250	304036	0.47	cps
Selenium	77-2	720	670	753	714	5.87	cps
Selenium	78-2	2445	2358	2458	2420	2.25	cps
Selenium	82-1	16772	16340	16203	16438	1.81	cps
Silicon	28-1	813190	816539	813163	814297	0.24	cps
Silver	109-1	988283	981709	972055	980683	0.83	cps
Silver	107-1	1024381	1025151	1005069	1018200	1.12	cps
Sodium	23-2	3421833	3417892	3422553	3420760	0.07	cps
Strontium	86-1	234671	237415	237860	236649	0.73	cps
Strontium	88-1	2044005	2044790	2041798	2043531	0.08	cps
Sulfur	34-1	553380	554411	544377	550723	1.00	cps
Terbium	159-1	15709576	15706802	15599111	15671830	0.40	cps
Terbium	159-2	7052051	7114423	7122327	7096267	0.54	cps
Thallium	203-1	860956	857486	854249	857564	0.39	cps
Thallium	205-1	2092429	2073672	2054855	2073652	0.91	cps
Thorium	232-1	3206124	3197851	3213654	3205876	0.25	cps
Tin	118-1	631193	628744	617033	625657	1.21	cps
Titanium	47-1	495147	487320	485389	489285	1.06	cps
Uranium	238-1	3169241	3180488	3202289	3184006	0.53	cps
Vanadium	51-2	171831	170944	170570	171115	0.38	cps
Yttrium	89-1	11329810	11379842	11273777	11327810	0.47	cps
Yttrium	89-2	1539000	1543147	1528135	1536761	0.50	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:42:03	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	82250	82253	82501	82335	0.18	cps
Zirconium	90-1	1197248	1202046	1196883	1198726	0.24	cps
Zirconium	91-1	268618	271843	269813	270091	0.60	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	361226	360912	355800	359313	0.85	cps
Antimony	121-1	1728453	1739991	1720224	1729556	0.57	cps
Arsenic	75-2	54699	54360	53920	54326	0.72	cps
Barium	135-1	2179270	2155973	2166324	2167189	0.54	cps
Barium	137-1	3837011	3792399	3781118	3803509	0.78	cps
Beryllium	9-1	442862	436578	431314	436918	1.32	cps
Bismuth	209-1	10977151	11085447	11008664	11023754	0.51	cps
Bismuth	209-2	5373979	5414679	5393232	5393963	0.38	cps
Boron	10-1	76745	76997	75564	76435	1.00	cps
Boron	11-1	352498	352430	349016	351315	0.57	cps
Cadmium	111-1	503095	495692	494620	497802	0.93	cps
Cadmium	106-1	62631	61484	61601	61905	1.02	cps
Cadmium	108-1	41227	41089	39718	40678	2.05	cps
Calcium	43-1	529252	518872	518692	522272	1.16	cps
Calcium	44-1	8481110	8410143	8378476	8423243	0.62	cps
Chromium	52-2	499162	494813	489693	494556	0.96	cps
Cobalt	59-2	832406	829698	820463	827522	0.76	cps
Copper	63-2	1177809	1178991	1155871	1170890	1.11	cps
Dysprosium	156-1	67	67	50	61	15.75	cps
Dysprosium	156-2	40	30	20	30	33.33	cps
Erbium	164-1	58	17	25	33	66.14	cps
Erbium	164-2	37	20	17	24	43.83	cps
Gadolinium	160-1	158	117	175	150	20.03	cps
Gadolinium	160-2	153	220	227	200	20.28	cps
Holmium	165-1	15190052	15307965	15372574	15290197	0.61	cps
Holmium	165-2	7019064	6979399	6979504	6992656	0.33	cps
Indium	115-1	10983601	10945481	10955741	10961608	0.18	cps
Indium	115-2	1940484	1958072	1962751	1953769	0.60	cps
Iron	56-2	21943423	21897924	21688520	21843289	0.62	cps
Iron	57-2	541359	539559	535674	538864	0.54	cps
Krypton	83-1	787	700	697	728	7.01	cps
Lead	206-1	1738378	1733463	1741323	1737721	0.23	cps
Lead	207-1	1604189	1598935	1602961	1602028	0.17	cps
Lead	208-1	7200046	7183897	7200738	7194894	0.13	cps
Lithium	6-1	3142903	3137486	3101044	3127144	0.73	cps
Magnesium	24-2	4187930	4184422	4116600	4162984	0.97	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	611652	609997	603295	608314	0.73	cps
Molybdenum	94-1	3521200	3493600	3478108	3497636	0.62	cps
Molybdenum	95-1	4298102	4298493	4246687	4281094	0.70	cps
Molybdenum	96-1	4756096	4746495	4685921	4729504	0.80	cps
Molybdenum	97-1	2693324	2663405	2632495	2663075	1.14	cps
Molybdenum	98-1	6927540	6852991	6781132	6853888	1.07	cps
Neodymium	150-1	240	233	180	218	15.10	cps
Neodymium	150-2	7	10	33	17	87.16	cps
Nickel	60-2	221950	219666	219162	220259	0.67	cps
Phosphorus	31-2	20865	21550	20406	20940	2.75	cps
Potassium	39-2	1773609	1775159	1759376	1769381	0.49	cps
Rhodium	103-1	9925445	9887027	9839922	9884131	0.43	cps
Rhodium	103-2	4386138	4397990	4374871	4386333	0.26	cps
Scandium	45-1	6389273	6394410	6316091	6366591	0.69	cps
Scandium	45-2	274202	275381	273486	274357	0.35	cps
Selenium	77-2	1703	1563	1623	1630	4.31	cps
Selenium	78-2	5710	5508	5334	5518	3.41	cps
Selenium	82-1	39824	39460	39482	39589	0.52	cps
Silicon	28-1	1568453	1567454	1554823	1563577	0.49	cps
Silver	109-1	2376234	2343828	2334189	2351417	0.94	cps
Silver	107-1	2435502	2439918	2384973	2420131	1.26	cps
Sodium	23-2	7793572	7759534	7620054	7724387	1.19	cps
Strontium	86-1	570535	568374	562284	567064	0.75	cps
Strontium	88-1	4949607	4909011	4871060	4909892	0.80	cps
Sulfur	34-1	628841	619822	606332	618332	1.83	cps
Terbium	159-1	15434078	15512936	15423679	15456898	0.32	cps
Terbium	159-2	6869785	6885481	6836228	6863832	0.37	cps
Thallium	203-1	2150782	2143498	2145017	2146432	0.18	cps
Thallium	205-1	5195400	5182927	5182118	5186815	0.14	cps
Thorium	232-1	8141539	8184156	8207250	8177649	0.41	cps
Tin	118-1	1529132	1532052	1521165	1527450	0.37	cps
Titanium	47-1	1161214	1150496	1138373	1150028	0.99	cps
Uranium	238-1	8014807	8076026	8061911	8050915	0.40	cps
Vanadium	51-2	391196	389261	387499	389319	0.47	cps
Yttrium	89-1	10859338	10857396	10769107	10828614	0.48	cps
Yttrium	89-2	1433420	1441323	1413418	1429387	1.01	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:46:14	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	191044	191453	186888	189795	1.33	cps
Zirconium	90-1	2913169	2888667	2878109	2893315	0.62	cps
Zirconium	91-1	655623	643151	646462	648412	1.00	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	639736	642029	638502	640089	0.28	cps
Antimony	121-1	3206960	3188339	3152182	3182493	0.88	cps
Arsenic	75-2	97375	96692	96920	96996	0.36	cps
Barium	135-1	4021089	4012747	3988121	4007319	0.43	cps
Barium	137-1	7099029	7068508	7003668	7057068	0.69	cps
Beryllium	9-1	759175	746591	738127	747964	1.42	cps
Bismuth	209-1	10700216	10674857	10646130	10673734	0.25	cps
Bismuth	209-2	5137358	5179961	5177733	5165017	0.46	cps
Boron	10-1	132972	133409	133963	133448	0.37	cps
Boron	11-1	603792	606558	613376	607908	0.81	cps
Cadmium	111-1	914905	901932	893503	903447	1.19	cps
Cadmium	106-1	108337	108766	106951	108018	0.88	cps
Cadmium	108-1	73213	73205	71446	72621	1.40	cps
Calcium	43-1	924890	909093	893203	909062	1.74	cps
Calcium	44-1	14893710	14615588	14402971	14637423	1.68	cps
Chromium	52-2	882790	879317	882090	881399	0.21	cps
Cobalt	59-2	1470872	1457776	1462880	1463843	0.45	cps
Copper	63-2	2058627	2068297	2066261	2064395	0.25	cps
Dysprosium	156-1	92	42	67	67	37.50	cps
Dysprosium	156-2	90	63	70	74	18.64	cps
Erbium	164-1	67	125	75	89	35.50	cps
Erbium	164-2	43	13	27	28	54.11	cps
Gadolinium	160-1	133	125	150	136	9.35	cps
Gadolinium	160-2	203	207	220	210	4.20	cps
Holmium	165-1	14755623	14714719	14663714	14711352	0.31	cps
Holmium	165-2	6728159	6688672	6713122	6709984	0.30	cps
Indium	115-1	10185503	10057466	9943544	10062171	1.20	cps
Indium	115-2	1778565	1783628	1789213	1783802	0.30	cps
Iron	56-2	39294324	39075312	39054855	39141497	0.34	cps
Iron	57-2	962719	966783	968761	966088	0.32	cps
Krypton	83-1	633	710	567	637	11.27	cps
Lead	206-1	3319169	3356391	3338341	3337967	0.56	cps
Lead	207-1	3073474	3096577	3102498	3090849	0.50	cps
Lead	208-1	13828299	13914515	13916012	13886275	0.36	cps
Lithium	6-1	2768620	2729646	2697313	2731859	1.31	cps
Magnesium	24-2	7490142	7452087	7464982	7469071	0.26	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1081922	1084815	1087122	1084619	0.24	cps
Molybdenum	94-1	6333424	6311940	6202651	6282672	1.12	cps
Molybdenum	95-1	7776271	7706949	7594121	7692447	1.20	cps
Molybdenum	96-1	8649547	8486431	8385742	8507240	1.56	cps
Molybdenum	97-1	4809729	4746792	4687429	4747983	1.29	cps
Molybdenum	98-1	12583177	12393729	12217055	12397987	1.48	cps
Neodymium	150-1	433	440	400	424	5.05	cps
Neodymium	150-2	33	17	23	24	34.31	cps
Nickel	60-2	388312	388857	387841	388337	0.13	cps
Phosphorus	31-2	36654	35978	36103	36245	0.99	cps
Potassium	39-2	3113354	3122799	3115741	3117298	0.16	cps
Rhodium	103-1	8975283	8831659	8734611	8847185	1.37	cps
Rhodium	103-2	3993654	4001714	4019853	4005073	0.34	cps
Scandium	45-1	5655517	5554515	5440531	5550188	1.94	cps
Scandium	45-2	247084	247645	246439	247056	0.24	cps
Selenium	77-2	2880	3144	2807	2944	6.02	cps
Selenium	78-2	10009	10181	9777	9989	2.03	cps
Selenium	82-1	71391	70392	69467	70416	1.37	cps
Silicon	28-1	2536176	2546605	2512178	2531653	0.70	cps
Silver	109-1	4240517	4179198	4148248	4189321	1.12	cps
Silver	107-1	4348303	4271068	4258398	4292590	1.13	cps
Sodium	23-2	13999356	13968463	13943181	13970333	0.20	cps
Strontium	86-1	1031420	1019999	1010126	1020515	1.04	cps
Strontium	88-1	8964227	8942667	8746037	8884310	1.35	cps
Sulfur	34-1	690108	671023	662858	674663	2.07	cps
Terbium	159-1	14986757	14870183	14824188	14893710	0.56	cps
Terbium	159-2	6547577	6499113	6576930	6541207	0.60	cps
Thallium	203-1	4136891	4114374	4129208	4126824	0.28	cps
Thallium	205-1	10050459	10093281	10005726	10049822	0.44	cps
Thorium	232-1	16192853	16154290	15954119	16100421	0.80	cps
Tin	118-1	2824851	2807741	2773489	2802027	0.93	cps
Titanium	47-1	2013905	1980057	1944649	1979537	1.75	cps
Uranium	238-1	15982424	16094170	15778689	15951761	1.00	cps
Vanadium	51-2	691285	688773	696506	692188	0.57	cps
Yttrium	89-1	9916349	9779737	9684075	9793387	1.19	cps
Yttrium	89-2	1302725	1308099	1318162	1309662	0.60	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:50:02	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	336989	340882	340183	339351	0.61	cps
Zirconium	90-1	5216795	5222829	5141843	5193822	0.87	cps
Zirconium	91-1	1165693	1155316	1147411	1156140	0.79	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1281990	1287820	1285928	1285246	0.23	cps
Antimony	121-1	6338525	6308743	6313549	6320272	0.25	cps
Arsenic	75-2	194120	194964	195693	194926	0.40	cps
Barium	135-1	7992905	7993345	7941437	7975896	0.37	cps
Barium	137-1	14150534	14064359	13968019	14060970	0.65	cps
Beryllium	9-1	1453849	1455434	1447374	1452219	0.29	cps
Bismuth	209-1	10605205	10610487	10533199	10582964	0.41	cps
Bismuth	209-2	5075575	5123095	5132583	5110418	0.60	cps
Boron	10-1	260512	261860	262283	261552	0.35	cps
Boron	11-1	1176755	1197273	1206616	1193548	1.28	cps
Cadmium	111-1	1762260	1755512	1753689	1757154	0.26	cps
Cadmium	106-1	204300	209959	202831	205697	1.83	cps
Cadmium	108-1	140201	141413	141450	141021	0.50	cps
Calcium	43-1	1771691	1769032	1768229	1769651	0.10	cps
Calcium	44-1	28622449	28728994	28642929	28664791	0.20	cps
Chromium	52-2	1752769	1759841	1752531	1755047	0.24	cps
Cobalt	59-2	2885834	2907368	2900522	2897908	0.38	cps
Copper	63-2	4027407	4056759	4036778	4040315	0.37	cps
Dysprosium	156-1	208	133	150	164	24.03	cps
Dysprosium	156-2	143	117	130	130	10.26	cps
Erbium	164-1	33	58	67	53	32.88	cps
Erbium	164-2	47	47	47	47	0.00	cps
Gadolinium	160-1	183	133	125	147	21.43	cps
Gadolinium	160-2	220	217	197	211	5.98	cps
Holmium	165-1	14835927	14867915	14786346	14830063	0.28	cps
Holmium	165-2	6826497	6774347	6768606	6789816	0.47	cps
Indium	115-1	9971746	9930140	9877115	9926334	0.48	cps
Indium	115-2	1759492	1778436	1777961	1771963	0.61	cps
Iron	56-2	78487357	78549688	78321110	78452718	0.15	cps
Iron	57-2	1916756	1929303	1926444	1924168	0.34	cps
Krypton	83-1	640	657	600	632	4.61	cps
Lead	206-1	6742746	6753807	6786717	6761090	0.34	cps
Lead	207-1	6088749	6228838	6044651	6120746	1.57	cps
Lead	208-1	27695758	27900137	27734490	27776795	0.39	cps
Lithium	6-1	2690434	2665983	2656019	2670812	0.66	cps
Magnesium	24-2	14993600	14961714	14976832	14977382	0.11	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2160377	2184081	2171329	2171929	0.55	cps
Molybdenum	94-1	12341912	12426951	12397885	12388916	0.35	cps
Molybdenum	95-1	15108261	15211088	15180409	15166586	0.35	cps
Molybdenum	96-1	16832764	16831710	16760473	16808316	0.25	cps
Molybdenum	97-1	9522893	9562708	9500755	9528785	0.33	cps
Molybdenum	98-1	24417871	24581782	24422249	24473967	0.38	cps
Neodymium	150-1	787	773	800	787	1.70	cps
Neodymium	150-2	70	73	90	78	13.78	cps
Nickel	60-2	764035	769243	764319	765866	0.38	cps
Phosphorus	31-2	72133	72326	71153	71871	0.87	cps
Potassium	39-2	6193976	6170840	6186024	6183613	0.19	cps
Rhodium	103-1	8587051	8640204	8543593	8590283	0.56	cps
Rhodium	103-2	3974885	3999880	3982084	3985616	0.32	cps
Scandium	45-1	5437479	5415680	5423394	5425518	0.20	cps
Scandium	45-2	248129	249865	250559	249517	0.50	cps
Selenium	77-2	5801	5811	5841	5818	0.36	cps
Selenium	78-2	19689	19903	19969	19854	0.74	cps
Selenium	82-1	138034	138721	138441	138399	0.25	cps
Silicon	28-1	4512617	4559764	4590493	4554292	0.86	cps
Silver	109-1	8162603	8171664	8164452	8166239	0.06	cps
Silver	107-1	8420884	8496833	8456587	8458101	0.45	cps
Sodium	23-2	28150180	28086748	28112234	28116387	0.11	cps
Strontium	86-1	2001618	1996175	1989063	1995619	0.32	cps
Strontium	88-1	17472283	17552358	17499772	17508138	0.23	cps
Sulfur	34-1	981804	979217	977579	979533	0.22	cps
Terbium	159-1	14914437	14770556	14816777	14833923	0.50	cps
Terbium	159-2	6628897	6608571	6622456	6619974	0.16	cps
Thallium	203-1	8381707	8330498	8327273	8346493	0.37	cps
Thallium	205-1	20357698	20103308	20162565	20207857	0.66	cps
Thorium	232-1	32745715	32954406	32619515	32773212	0.52	cps
Tin	118-1	5505190	5505699	5494775	5501888	0.11	cps
Titanium	47-1	3862343	3870509	3837073	3856642	0.45	cps
Uranium	238-1	32521824	32633158	32658162	32604381	0.22	cps
Vanadium	51-2	1393399	1394588	1387397	1391794	0.28	cps
Yttrium	89-1	9685462	9670219	9560153	9638611	0.71	cps
Yttrium	89-2	1308199	1317903	1324521	1316875	0.62	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:53:47	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	665587	680305	673167	673020	1.09	cps
Zirconium	90-1	10275365	10294180	10214068	10261205	0.41	cps
Zirconium	91-1	2263831	2276334	2258861	2266342	0.40	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:57:31	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2623768	2633432	2652146	2636449	0.55	cps
Antimony	121-1	12174081	12164168	12204268	12180839	0.17	cps
Arsenic	75-2	381944	382753	385062	383253	0.42	cps
Barium	135-1	15545575	15550566	15564623	15553588	0.06	cps
Barium	137-1	27252856	27456039	27511202	27406699	0.50	cps
Beryllium	9-1	2772051	2792203	2798651	2787635	0.50	cps
Bismuth	209-1	10297506	10183418	10296948	10259290	0.64	cps
Bismuth	209-2	4946032	4986183	5055197	4995804	1.11	cps
Boron	10-1	503266	511414	518548	511076	1.50	cps
Boron	11-1	2309407	2347314	2371527	2342749	1.34	cps
Cadmium	111-1	3271829	3290670	3318473	3293657	0.71	cps
Cadmium	106-1	386114	382373	385807	384765	0.54	cps
Cadmium	108-1	265638	267797	265465	266300	0.49	cps
Calcium	43-1	3437057	3454518	3479025	3456867	0.61	cps
Calcium	44-1	55727274	56255326	56440608	56141069	0.66	cps
Chromium	52-2	3490159	3506945	3528642	3508582	0.55	cps
Cobalt	59-2	5715359	5715830	5738981	5723390	0.24	cps
Copper	63-2	7955620	7940197	7984554	7960123	0.28	cps
Dysprosium	156-1	325	342	250	306	15.98	cps
Dysprosium	156-2	240	247	210	232	8.41	cps
Erbium	164-1	83	83	75	81	5.98	cps
Erbium	164-2	17	20	43	27	54.47	cps
Gadolinium	160-1	208	142	158	169	20.48	cps
Gadolinium	160-2	177	183	223	194	12.98	cps
Holmium	165-1	14735686	14798261	14768797	14767581	0.21	cps
Holmium	165-2	6811336	6771115	6873211	6818554	0.75	cps
Indium	115-1	9591312	9566853	9640784	9599650	0.39	cps
Indium	115-2	1717737	1744675	1752690	1738367	1.05	cps
Iron	56-2	155729142	154618842	155548426	155298803	0.38	cps
Iron	57-2	3823202	3832795	3853222	3836406	0.40	cps
Krypton	83-1	577	630	567	591	5.76	cps
Lead	206-1	13130379	13099799	13025980	13085386	0.41	cps
Lead	207-1	12102640	12038924	12055576	12065713	0.27	cps
Lead	208-1	54135107	53826060	53862484	53941217	0.31	cps
Lithium	6-1	2651042	2646702	2669281	2655675	0.45	cps
Magnesium	24-2	29972467	30150380	30288530	30137126	0.53	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 13:57:31 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4280073	4293138	4304833	4292681	0.29	cps
Molybdenum	94-1	24124579	24212551	24435469	24257533	0.66	cps
Molybdenum	95-1	29580430	29703688	29817350	29700489	0.40	cps
Molybdenum	96-1	32800990	32838394	32954662	32864682	0.24	cps
Molybdenum	97-1	18525700	18620253	18732972	18626308	0.56	cps
Molybdenum	98-1	47777147	47963693	47868717	47869852	0.19	cps
Neodymium	150-1	1400	1313	1480	1398	5.96	cps
Neodymium	150-2	127	93	130	117	17.38	cps
Nickel	60-2	1486457	1495473	1512404	1498111	0.88	cps
Phosphorus	31-2	143272	144720	145107	144366	0.67	cps
Potassium	39-2	12485150	12522166	12624471	12543929	0.58	cps
Rhodium	103-1	8305274	8352990	8303115	8320460	0.34	cps
Rhodium	103-2	3893766	3930041	3977757	3933854	1.07	cps
Scandium	45-1	5385417	5387129	5435814	5402786	0.53	cps
Scandium	45-2	253186	255641	257591	255473	0.86	cps
Selenium	77-2	11351	10761	11508	11207	3.52	cps
Selenium	78-2	37755	38165	38209	38043	0.66	cps
Selenium	82-1	255932	257426	259654	257670	0.73	cps
Silicon	28-1	7792127	7946178	8023482	7920596	1.49	cps
Silver	109-1	15434543	15599551	15609980	15548025	0.63	cps
Silver	107-1	16147323	16162575	16188462	16166120	0.13	cps
Sodium	23-2	57069583	57076762	57299216	57148520	0.23	cps
Strontium	86-1	3858058	3879389	3898837	3878762	0.53	cps
Strontium	88-1	34035139	34356687	34391508	34261112	0.57	cps
Sulfur	34-1	1603350	1601356	1612950	1605885	0.39	cps
Terbium	159-1	14775139	14740950	14826850	14780980	0.29	cps
Terbium	159-2	6618245	6644549	6695510	6652768	0.59	cps
Thallium	203-1	16005440	16142059	16026869	16058123	0.46	cps
Thallium	205-1	39136958	38957748	38826206	38973637	0.40	cps
Thorium	232-1	63885664	63944199	64485708	64105190	0.52	cps
Tin	118-1	10774766	10811042	10850650	10812153	0.35	cps
Titanium	47-1	7619294	7661197	7682236	7654242	0.42	cps
Uranium	238-1	63443806	64005212	63962708	63803908	0.49	cps
Vanadium	51-2	2778181	2791705	2816934	2795607	0.70	cps
Yttrium	89-1	9531046	9611880	9642882	9595270	0.60	cps
Yttrium	89-2	1319933	1317926	1339036	1325632	0.88	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 13:57:31	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1264325	1276348	1277831	1272835	0.58	cps
Zirconium	90-1	20137388	20219151	20175003	20177181	0.20	cps
Zirconium	91-1	4417707	4419127	4441201	4426012	0.30	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 14:01:16 DataFile Name : 012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	16232732	16622458	16745817	16533669	1.62	cps
Antimony	121-1	20307	21367	21100	20925	2.63	cps
Arsenic	75-2	676	650	680	669	2.41	cps
Barium	135-1	3534	4134	4142	3937	8.86	cps
Barium	137-1	7686	6644	6894	7074	7.69	cps
Beryllium	9-1	372	600	633	535	26.55	cps
Bismuth	209-1	9187273	9246804	9264317	9232798	0.44	cps
Bismuth	209-2	4427073	4488831	4520799	4478901	1.06	cps
Boron	10-1	13924	13323	11330	12859	10.56	cps
Boron	11-1	66238	60011	54808	60353	9.48	cps
Cadmium	111-1	1158	1105	1117	1127	2.46	cps
Cadmium	106-1	5001	4909	5076	4996	1.67	cps
Cadmium	108-1	67	88	129	94	33.70	cps
Calcium	43-1	20311605	20580611	21106356	20666191	1.96	cps
Calcium	44-1	329087524	335738099	343685608	336170410	2.17	cps
Chromium	52-2	186033	188831	190824	188563	1.28	cps
Cobalt	59-2	83633	85413	85916	84988	1.41	cps
Copper	63-2	22604	23492	24203	23433	3.42	cps
Dysprosium	156-1	158	175	250	194	25.11	cps
Dysprosium	156-2	60	103	93	86	26.52	cps
Erbium	164-1	50	75	125	83	45.83	cps
Erbium	164-2	20	20	57	32	65.70	cps
Gadolinium	160-1	183	208	275	222	21.32	cps
Gadolinium	160-2	270	283	267	273	3.23	cps
Holmium	165-1	14745845	14796099	14882957	14808300	0.47	cps
Holmium	165-2	6916700	7009765	7035569	6987345	0.89	cps
Indium	115-1	9872641	9856774	9933548	9887654	0.41	cps
Indium	115-2	1854342	1885817	1905474	1881878	1.37	cps
Iron	56-2	892256598	907804598	912976443	904345879	1.19	cps
Iron	57-2	21876375	22199135	22440948	22172152	1.28	cps
Krypton	83-1	753	833	823	803	5.43	cps
Lead	206-1	17896	17262	17863	17673	2.02	cps
Lead	207-1	15832	15732	15420	15661	1.37	cps
Lead	208-1	72184	71327	71516	71676	0.63	cps
Lithium	6-1	2976337	3012291	3067733	3018787	1.53	cps
Magnesium	24-2	184957733	189263508	190574363	188265201	1.56	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:01:16	DataFile Name :	012CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37966	37812	38945	38241	1.61	cps
Molybdenum	94-1	34284	34626	33691	34200	1.38	cps
Molybdenum	95-1	52071	52916	53074	52687	1.02	cps
Molybdenum	96-1	66170	65435	65996	65867	0.58	cps
Molybdenum	97-1	32413	31920	32546	32293	1.02	cps
Molybdenum	98-1	84273	82077	83185	83178	1.32	cps
Neodymium	150-1	307	213	273	264	17.89	cps
Neodymium	150-2	83	87	90	87	3.85	cps
Nickel	60-2	62633	64297	65626	64186	2.34	cps
Phosphorus	31-2	617	533	617	589	8.17	cps
Potassium	39-2	77919277	79124673	80312016	79118655	1.51	cps
Rhodium	103-1	8228622	8249044	8317398	8265021	0.56	cps
Rhodium	103-2	3837649	3927080	3955097	3906609	1.57	cps
Scandium	45-1	6102835	6198245	6258892	6186657	1.27	cps
Scandium	45-2	299095	303833	307731	303553	1.42	cps
Selenium	77-2	10	13	10	11	17.30	cps
Selenium	78-2	54	98	80	77	28.94	cps
Selenium	82-1	139	100	129	123	16.55	cps
Silicon	28-1	693464	724507	738046	718672	3.18	cps
Silver	109-1	1642	1875	2017	1845	10.27	cps
Silver	107-1	1884	1842	1892	1872	1.43	cps
Sodium	23-2	344042041	351708741	356544291	350765025	1.80	cps
Strontium	86-1	21508	21667	20407	21194	3.24	cps
Strontium	88-1	174491	177965	177714	176723	1.10	cps
Sulfur	34-1	368055	378979	398174	381736	3.99	cps
Terbium	159-1	14802753	14893497	15078436	14924895	0.94	cps
Terbium	159-2	6748079	6878932	6868800	6831937	1.07	cps
Thallium	203-1	6060	5960	5535	5852	4.77	cps
Thallium	205-1	14826	14133	14534	14497	2.40	cps
Thorium	232-1	13268	11922	11211	12134	8.61	cps
Tin	118-1	19589	19122	19256	19322	1.25	cps
Titanium	47-1	3976	4393	4568	4312	7.05	cps
Uranium	238-1	13182	12882	13057	13040	1.16	cps
Vanadium	51-2	1537	1427	1547	1503	4.43	cps
Yttrium	89-1	10099365	10231239	10255132	10195245	0.82	cps
Yttrium	89-2	1453603	1472110	1497143	1474285	1.48	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:01:16	DataFile Name :	012CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16466	16356	16513	16445	0.49	cps
Zirconium	90-1	11705	11413	12056	11725	2.74	cps
Zirconium	91-1	2509	2675	2467	2550	4.32	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:20:51	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80952	80668	80617	80746	0.22	cps
Antimony	121-1	2679743	2683011	2666028	2676261	0.34	cps
Arsenic	75-2	90108	90319	89143	89857	0.70	cps
Barium	135-1	346782	345920	341839	344847	0.77	cps
Barium	137-1	608379	605709	611133	608407	0.45	cps
Beryllium	9-1	346746	347267	340127	344713	1.15	cps
Bismuth	209-1	11519434	11604668	11539624	11554575	0.39	cps
Bismuth	209-2	5633422	5683499	5654275	5657065	0.44	cps
Boron	10-1	339856	337120	336516	337831	0.53	cps
Boron	11-1	1564108	1548583	1547003	1553231	0.61	cps
Cadmium	111-1	393415	392492	386141	390683	1.01	cps
Cadmium	106-1	91586	90974	91504	91355	0.36	cps
Cadmium	108-1	47655	47714	46748	47372	1.14	cps
Calcium	43-1	99374	101816	100146	100445	1.24	cps
Calcium	44-1	1524109	1516652	1496563	1512441	0.94	cps
Chromium	52-2	411396	410972	408193	410187	0.42	cps
Cobalt	59-2	693121	697076	700714	696971	0.54	cps
Copper	63-2	496557	497717	497456	497243	0.12	cps
Dysprosium	156-1	25	8	17	17	50.01	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	100	75	158	111	38.49	cps
Erbium	164-2	67	67	67	67	0.00	cps
Gadolinium	160-1	125	117	183	142	25.64	cps
Gadolinium	160-2	243	187	230	220	13.47	cps
Holmium	165-1	15900895	15907919	15911651	15906822	0.03	cps
Holmium	165-2	7379938	7352364	7331492	7354598	0.33	cps
Indium	115-1	11455344	11528665	11466587	11483532	0.34	cps
Indium	115-2	2063971	2082792	2052299	2066354	0.74	cps
Iron	56-2	3639263	3638609	3635988	3637953	0.05	cps
Iron	57-2	90930	92608	90349	91295	1.28	cps
Krypton	83-1	767	823	743	778	5.29	cps
Lead	206-1	2803858	2809719	2807873	2807150	0.11	cps
Lead	207-1	2500681	2492754	2485594	2493009	0.30	cps
Lead	208-1	11403671	11356658	11334172	11364834	0.31	cps
Lithium	6-1	3311251	3312105	3299305	3307554	0.22	cps
Magnesium	24-2	423959	425310	424025	424431	0.18	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 14:20:51 DataFile Name : 014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	250948	251320	250391	250886	0.19	cps
Molybdenum	94-1	6650657	6673216	6650843	6658239	0.19	cps
Molybdenum	95-1	3339655	3339725	3306877	3328753	0.57	cps
Molybdenum	96-1	4378080	4368595	4310057	4352244	0.85	cps
Molybdenum	97-1	2094637	2087699	2057743	2080026	0.94	cps
Molybdenum	98-1	5404577	5409854	5316652	5377028	0.97	cps
Neodymium	150-1	27	53	40	40	33.33	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	184815	187219	187654	186563	0.82	cps
Phosphorus	31-2	475	475	400	450	9.62	cps
Potassium	39-2	615055	624965	616995	619005	0.85	cps
Rhodium	103-1	10525297	10489948	10489592	10501612	0.20	cps
Rhodium	103-2	4744170	4774649	4725854	4748224	0.52	cps
Scandium	45-1	6855311	6839978	6790642	6828643	0.49	cps
Scandium	45-2	307441	307980	308426	307949	0.16	cps
Selenium	77-2	2577	2764	2780	2707	4.17	cps
Selenium	78-2	9151	9058	9020	9076	0.74	cps
Selenium	82-1	64007	63515	63093	63538	0.72	cps
Silicon	28-1	4391881	4384264	4331196	4369113	0.76	cps
Silver	109-1	1862097	1867499	1838633	1856076	0.83	cps
Silver	107-1	1918841	1921235	1919163	1919746	0.07	cps
Sodium	23-2	1334414	1329487	1328444	1330782	0.24	cps
Strontium	86-1	2558215	2560824	2544854	2554631	0.34	cps
Strontium	88-1	22317997	22473054	22219512	22336855	0.57	cps
Sulfur	34-1	432167	424431	419553	425384	1.50	cps
Terbium	159-1	16104173	16079046	16104665	16095961	0.09	cps
Terbium	159-2	7282293	7243280	7180493	7235355	0.71	cps
Thallium	203-1	3463390	3466496	3453823	3461237	0.19	cps
Thallium	205-1	8445445	8483100	8502988	8477178	0.34	cps
Thorium	232-1	34332690	34364474	34328230	34341798	0.06	cps
Tin	118-1	5998304	5982530	5959745	5980193	0.32	cps
Titanium	47-1	921186	917669	900089	912982	1.24	cps
Uranium	238-1	37722109	37686789	37816994	37741964	0.18	cps
Vanadium	51-2	322990	326852	323435	324426	0.65	cps
Yttrium	89-1	11425094	11466829	11362420	11418114	0.46	cps
Yttrium	89-2	1543382	1545249	1543457	1544029	0.07	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:20:51	DataFile Name :	014ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	158769	159584	159099	159150	0.26	cps
Zirconium	90-1	13019909	13083047	12930897	13011285	0.59	cps
Zirconium	91-1	2875450	2886570	2856587	2872869	0.53	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3184	3134	3017	3112	2.75	cps
Antimony	121-1	24589	25683	25307	25193	2.21	cps
Arsenic	75-2	506	496	437	480	7.75	cps
Barium	135-1	30660	31320	32080	31353	2.27	cps
Barium	137-1	55194	55604	56440	55746	1.14	cps
Beryllium	9-1	3573	3706	3639	3639	1.83	cps
Bismuth	209-1	11319767	11456904	11465460	11414043	0.72	cps
Bismuth	209-2	5583276	5617465	5631401	5610714	0.44	cps
Boron	10-1	16017	16259	16226	16167	0.81	cps
Boron	11-1	73454	76435	76970	75620	2.51	cps
Cadmium	111-1	4005	4262	4112	4127	3.13	cps
Cadmium	106-1	5343	5693	5518	5518	3.17	cps
Cadmium	108-1	304	321	325	317	3.48	cps
Calcium	43-1	20248	19672	19981	19967	1.44	cps
Calcium	44-1	323655	326658	326464	325592	0.52	cps
Chromium	52-2	10007	9803	9770	9860	1.30	cps
Cobalt	59-2	6915	6948	6865	6910	0.61	cps
Copper	63-2	10034	10037	10040	10037	0.03	cps
Dysprosium	156-1	8	0	25	11	114.58	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	58	50	58	56	8.67	cps
Erbium	164-2	23	20	27	23	14.29	cps
Gadolinium	160-1	150	133	133	139	6.93	cps
Gadolinium	160-2	227	227	227	227	0.00	cps
Holmium	165-1	15532783	15846418	15773301	15717501	1.04	cps
Holmium	165-2	7375148	7364939	7290851	7343646	0.63	cps
Indium	115-1	11372041	11589434	11629031	11530169	1.20	cps
Indium	115-2	2108042	2113995	2106112	2109383	0.19	cps
Iron	56-2	184635	184863	185629	185042	0.28	cps
Iron	57-2	4745	4907	4656	4769	2.66	cps
Krypton	83-1	677	777	720	724	6.92	cps
Lead	206-1	13385	13930	13635	13650	2.00	cps
Lead	207-1	12678	12918	12784	12794	0.94	cps
Lead	208-1	56176	57311	56972	56820	1.03	cps
Lithium	6-1	3334687	3355042	3368870	3352866	0.51	cps
Magnesium	24-2	170381	170770	168394	169848	0.75	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2610	2650	2624	2628	0.77	cps
Molybdenum	94-1	26951	26684	27461	27032	1.46	cps
Molybdenum	95-1	32780	32304	32914	32666	0.98	cps
Molybdenum	96-1	35938	35470	35838	35749	0.69	cps
Molybdenum	97-1	20265	19990	19723	19993	1.36	cps
Molybdenum	98-1	50976	51929	52087	51664	1.16	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	0	3	2	86.60	cps
Nickel	60-2	2120	2217	1917	2085	7.35	cps
Phosphorus	31-2	700	608	583	631	9.74	cps
Potassium	39-2	165134	166540	166683	166119	0.52	cps
Rhodium	103-1	10515116	10607235	10671131	10597827	0.74	cps
Rhodium	103-2	4812626	4825248	4813706	4817193	0.15	cps
Scandium	45-1	6810820	6890463	6878683	6859989	0.63	cps
Scandium	45-2	314006	314036	313094	313712	0.17	cps
Selenium	77-2	70	77	60	69	12.18	cps
Selenium	78-2	254	270	309	278	10.26	cps
Selenium	82-1	1598	1440	1617	1551	6.28	cps
Silicon	28-1	368491	371365	368249	369368	0.47	cps
Silver	109-1	17995	18363	18830	18396	2.27	cps
Silver	107-1	18713	17344	18463	18173	4.01	cps
Sodium	23-2	334056	332407	332834	333099	0.26	cps
Strontium	86-1	5760	5543	5726	5676	2.06	cps
Strontium	88-1	36589	38694	37600	37628	2.80	cps
Sulfur	34-1	465443	468729	468466	467546	0.39	cps
Terbium	159-1	15690236	15819336	15938705	15816093	0.79	cps
Terbium	159-2	7213232	7251668	7213553	7226151	0.31	cps
Thallium	203-1	16260	15985	16010	16085	0.95	cps
Thallium	205-1	39309	39385	39292	39329	0.12	cps
Thorium	232-1	58241	59357	59497	59031	1.17	cps
Tin	118-1	58272	57846	58974	58364	0.98	cps
Titanium	47-1	8753	8937	8411	8700	3.07	cps
Uranium	238-1	58231	59938	59093	59088	1.44	cps
Vanadium	51-2	15668	15695	15855	15740	0.64	cps
Yttrium	89-1	11339516	11474643	11505659	11439939	0.77	cps
Yttrium	89-2	1572487	1573566	1555191	1567081	0.66	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:42:24	DataFile Name :	017LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2074	2074	2270	2139	5.31	cps
Zirconium	90-1	23136	23437	23846	23473	1.52	cps
Zirconium	91-1	5401	4959	5159	5173	4.28	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 14:45:59 DataFile Name : 018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	67	67	69	6.93	cps
Antimony	121-1	208	217	208	211	2.28	cps
Arsenic	75-2	6	6	4	5	21.74	cps
Barium	135-1	17	25	25	22	21.64	cps
Barium	137-1	50	33	17	33	50.00	cps
Beryllium	9-1	106	72	106	94	20.38	cps
Bismuth	209-1	11423340	11380607	11365948	11389965	0.26	cps
Bismuth	209-2	5564638	5599170	5557630	5573812	0.40	cps
Boron	10-1	1950	2234	2025	2070	7.09	cps
Boron	11-1	9770	8945	9253	9323	4.48	cps
Cadmium	111-1	533	488	498	506	4.64	cps
Cadmium	106-1	5301	4901	4934	5046	4.40	cps
Cadmium	108-1	8	33	17	19	65.47	cps
Calcium	43-1	183	167	142	164	12.80	cps
Calcium	44-1	4959	5151	5443	5185	4.70	cps
Chromium	52-2	1213	1217	1187	1206	1.36	cps
Cobalt	59-2	80	70	87	79	10.64	cps
Copper	63-2	323	307	350	327	6.69	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	50	42	25	39	32.73	cps
Erbium	164-2	23	20	13	19	26.96	cps
Gadolinium	160-1	117	150	142	136	12.75	cps
Gadolinium	160-2	227	217	233	226	3.72	cps
Holmium	165-1	15470848	15466080	15613444	15516791	0.54	cps
Holmium	165-2	7337513	7366740	7280349	7328201	0.60	cps
Indium	115-1	11469213	11391157	11481080	11447150	0.43	cps
Indium	115-2	2104178	2094485	2103933	2100865	0.26	cps
Iron	56-2	5307	5512	5396	5405	1.91	cps
Iron	57-2	150	183	133	156	16.37	cps
Krypton	83-1	830	723	773	776	6.88	cps
Lead	206-1	678	761	750	730	6.20	cps
Lead	207-1	533	633	611	593	8.86	cps
Lead	208-1	2911	3028	2978	2972	1.97	cps
Lithium	6-1	3329066	3347394	3328034	3334831	0.33	cps
Magnesium	24-2	92	150	150	131	25.80	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:45:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	57	37	48	21.31	cps
Molybdenum	94-1	342	258	217	272	23.38	cps
Molybdenum	95-1	100	100	67	89	21.65	cps
Molybdenum	96-1	233	133	158	175	29.74	cps
Molybdenum	97-1	75	33	83	64	41.94	cps
Molybdenum	98-1	125	167	142	144	14.52	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	7	3	0	3	100.05	cps
Nickel	60-2	117	93	110	107	11.26	cps
Phosphorus	31-2	483	600	475	519	13.45	cps
Potassium	39-2	22176	22209	21767	22050	1.12	cps
Rhodium	103-1	10483335	10537162	10363514	10461337	0.85	cps
Rhodium	103-2	4805205	4797210	4798645	4800353	0.09	cps
Scandium	45-1	6821938	6810813	6819307	6817353	0.09	cps
Scandium	45-2	311548	312073	316102	313241	0.80	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	57	63	64	10.23	cps
Selenium	82-1	-46	31	6	-3	-1251.90	cps
Silicon	28-1	240037	239005	239732	239591	0.22	cps
Silver	109-1	117	142	75	111	30.31	cps
Silver	107-1	158	158	108	142	20.38	cps
Sodium	23-2	15133	14391	14950	14825	2.61	cps
Strontium	86-1	1017	1242	1200	1153	10.38	cps
Strontium	88-1	192	150	175	172	12.18	cps
Sulfur	34-1	467418	465882	470977	468093	0.56	cps
Terbium	159-1	15737851	15712645	15746380	15732292	0.11	cps
Terbium	159-2	7200795	7188282	7216967	7202015	0.20	cps
Thallium	203-1	475	442	475	464	4.15	cps
Thallium	205-1	1183	1025	975	1061	10.25	cps
Thorium	232-1	933	722	794	817	13.14	cps
Tin	118-1	1325	1517	1458	1433	6.85	cps
Titanium	47-1	100	167	75	114	41.61	cps
Uranium	238-1	158	92	142	131	26.57	cps
Vanadium	51-2	0	13	13	9	86.60	cps
Yttrium	89-1	11329218	11318327	11269493	11305679	0.28	cps
Yttrium	89-2	1565787	1561989	1559870	1562549	0.19	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:45:59	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	330	330	373	344	7.26	cps
Zirconium	90-1	608	692	725	675	8.90	cps
Zirconium	91-1	233	183	175	197	16.00	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13236119	13218408	13238781	13231102	0.08	cps
Antimony	121-1	14466	14041	14266	14258	1.49	cps
Arsenic	75-2	135	137	124	132	5.31	cps
Barium	135-1	4976	4784	4734	4832	2.64	cps
Barium	137-1	8736	8244	8495	8492	2.90	cps
Beryllium	9-1	933	1000	911	948	4.88	cps
Bismuth	209-1	10267349	10295028	10330517	10297631	0.31	cps
Bismuth	209-2	4952420	4996727	4978106	4975751	0.45	cps
Boron	10-1	1742	1525	1592	1620	6.85	cps
Boron	11-1	8211	7894	7861	7989	2.42	cps
Cadmium	111-1	2700	2371	2336	2469	8.15	cps
Cadmium	106-1	4551	4434	4618	4534	2.05	cps
Cadmium	108-1	3663	3688	3759	3703	1.34	cps
Calcium	43-1	3806110	3824656	3798241	3809669	0.36	cps
Calcium	44-1	62061864	62233733	62281256	62192284	0.19	cps
Chromium	52-2	75649	77566	76380	76532	1.26	cps
Cobalt	59-2	7699	7539	7692	7643	1.19	cps
Copper	63-2	33134	33502	33726	33454	0.89	cps
Dysprosium	156-1	42	83	58	61	34.32	cps
Dysprosium	156-2	33	40	37	37	9.10	cps
Erbium	164-1	83	83	108	92	15.74	cps
Erbium	164-2	33	43	43	40	14.43	cps
Gadolinium	160-1	108	142	200	150	30.93	cps
Gadolinium	160-2	233	203	253	230	10.94	cps
Holmium	165-1	15235751	15276165	15276586	15262834	0.15	cps
Holmium	165-2	7151115	7159750	7039326	7116730	0.94	cps
Indium	115-1	10346345	10351637	10491870	10396617	0.79	cps
Indium	115-2	1891159	1902373	1909026	1900852	0.48	cps
Iron	56-2	337310496	336377374	335929752	336539208	0.21	cps
Iron	57-2	8276997	8252509	8219833	8249780	0.35	cps
Krypton	83-1	780	663	760	734	8.49	cps
Lead	206-1	63217	64221	63184	63541	0.93	cps
Lead	207-1	51896	51416	51087	51466	0.79	cps
Lead	208-1	240863	242290	242236	241796	0.33	cps
Lithium	6-1	2982161	2977233	2982993	2980796	0.10	cps
Magnesium	24-2	32355614	32258067	32180039	32264574	0.27	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18976	18639	18682	18765	0.98	cps
Molybdenum	94-1	7112395	7119366	7146968	7126243	0.26	cps
Molybdenum	95-1	12541841	12580750	12590944	12571179	0.21	cps
Molybdenum	96-1	13342329	13353188	13357382	13350966	0.06	cps
Molybdenum	97-1	7877508	7871966	7857347	7868940	0.13	cps
Molybdenum	98-1	20172978	20238028	20244054	20218353	0.19	cps
Neodymium	150-1	73	27	53	51	45.81	cps
Neodymium	150-2	30	37	20	29	29.04	cps
Nickel	60-2	8566	8873	8403	8614	2.77	cps
Phosphorus	31-2	770268	772184	772993	771815	0.18	cps
Potassium	39-2	27722403	27720029	27731192	27724541	0.02	cps
Rhodium	103-1	9001083	9055677	9150856	9069205	0.84	cps
Rhodium	103-2	4116293	4157183	4136372	4136616	0.49	cps
Scandium	45-1	6119475	6176154	6216067	6170565	0.79	cps
Scandium	45-2	281766	282980	284923	283223	0.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	54	61	57	57	6.45	cps
Selenium	82-1	-82	69	3	-4	-2114.28	cps
Silicon	28-1	391393	393547	391413	392117	0.32	cps
Silver	109-1	1083	1142	1067	1097	3.59	cps
Silver	107-1	1133	1050	1142	1108	4.57	cps
Sodium	23-2	61469362	61257797	61359424	61362194	0.17	cps
Strontium	86-1	145538	143620	145017	144725	0.69	cps
Strontium	88-1	1238843	1239666	1238537	1239015	0.05	cps
Sulfur	34-1	5982866	5994224	6010257	5995782	0.23	cps
Terbium	159-1	15224394	15443811	15501898	15390034	0.95	cps
Terbium	159-2	6953158	6991600	6956117	6966958	0.31	cps
Thallium	203-1	1258	1133	1342	1245	8.43	cps
Thallium	205-1	2559	2600	2825	2661	5.39	cps
Thorium	232-1	1228	1467	1217	1304	10.83	cps
Tin	118-1	3100	2792	3276	3056	8.01	cps
Titanium	47-1	3482593	3445765	3451917	3460092	0.57	cps
Uranium	238-1	1133	1142	992	1089	7.74	cps
Vanadium	51-2	540	583	617	580	6.63	cps
Yttrium	89-1	10346142	10475484	10512645	10444757	0.84	cps
Yttrium	89-2	1436367	1443404	1443118	1440963	0.28	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:49:34	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	8019	7742	7896	7886	1.76	cps
Zirconium	90-1	1208	1283	1483	1325	10.73	cps
Zirconium	91-1	192	292	292	258	22.35	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13522495	13454044	13463270	13479936	0.28	cps
Antimony	121-1	267375	268905	270771	269017	0.63	cps
Arsenic	75-2	8497	8175	7936	8202	3.43	cps
Barium	135-1	71618	71199	71292	71370	0.31	cps
Barium	137-1	123957	125808	125563	125109	0.80	cps
Beryllium	9-1	62668	64420	63511	63533	1.38	cps
Bismuth	209-1	10344152	10457658	10447963	10416591	0.60	cps
Bismuth	209-2	5038440	5016596	5017819	5024285	0.24	cps
Boron	10-1	30950	31884	31709	31514	1.58	cps
Boron	11-1	145729	144929	148186	146281	1.16	cps
Cadmium	111-1	72646	71446	71514	71869	0.94	cps
Cadmium	106-1	10938	11463	11447	11283	2.65	cps
Cadmium	108-1	8991	8824	8670	8828	1.82	cps
Calcium	43-1	3848310	3870134	3849733	3856059	0.32	cps
Calcium	44-1	62791258	63270576	63238299	63100044	0.42	cps
Chromium	52-2	155338	155001	153523	154621	0.62	cps
Cobalt	59-2	136262	135491	137016	136256	0.56	cps
Copper	63-2	121969	122192	122188	122116	0.10	cps
Dysprosium	156-1	67	42	75	61	28.38	cps
Dysprosium	156-2	20	30	33	28	24.98	cps
Erbium	164-1	108	75	108	97	19.80	cps
Erbium	164-2	40	53	57	50	17.64	cps
Gadolinium	160-1	183	92	233	169	42.40	cps
Gadolinium	160-2	240	267	260	256	5.43	cps
Holmium	165-1	15433952	15534363	15408880	15459065	0.43	cps
Holmium	165-2	7194302	7172107	7150422	7172277	0.31	cps
Indium	115-1	10495909	10580293	10522396	10532866	0.41	cps
Indium	115-2	1931796	1909692	1917640	1919709	0.58	cps
Iron	56-2	345583308	343347797	343129541	344020215	0.39	cps
Iron	57-2	8431118	8454003	8356707	8413942	0.60	cps
Krypton	83-1	757	710	750	739	3.42	cps
Lead	206-1	336513	332525	333571	334203	0.62	cps
Lead	207-1	282866	282713	281640	282407	0.24	cps
Lead	208-1	1309639	1306483	1307445	1307856	0.12	cps
Lithium	6-1	2977733	2990360	2978690	2982261	0.24	cps
Magnesium	24-2	32884894	32783778	32805701	32824791	0.16	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	66352	66385	66798	66512	0.37	cps
Molybdenum	94-1	7379826	7425539	7451912	7419093	0.49	cps
Molybdenum	95-1	13008128	13097457	13082043	13062543	0.37	cps
Molybdenum	96-1	13858733	13930521	13901963	13897072	0.26	cps
Molybdenum	97-1	8181817	8200124	8180202	8187381	0.14	cps
Molybdenum	98-1	20957859	21105943	20989135	21017646	0.37	cps
Neodymium	150-1	47	87	60	64	31.60	cps
Neodymium	150-2	17	20	27	21	24.12	cps
Nickel	60-2	42030	42518	41495	42015	1.22	cps
Phosphorus	31-2	780131	781063	779109	780101	0.13	cps
Potassium	39-2	28241173	28266192	28258455	28255273	0.05	cps
Rhodium	103-1	9172014	9219667	9183304	9191662	0.27	cps
Rhodium	103-2	4206742	4181799	4209617	4199386	0.36	cps
Scandium	45-1	6236871	6290288	6287914	6271691	0.48	cps
Scandium	45-2	287358	287179	288133	287557	0.18	cps
Selenium	77-2	273	227	237	246	10.01	cps
Selenium	78-2	833	880	835	849	3.09	cps
Selenium	82-1	5448	5724	5593	5588	2.46	cps
Silicon	28-1	833693	838462	836287	836147	0.29	cps
Silver	109-1	324927	325127	317493	322516	1.35	cps
Silver	107-1	336975	332972	327323	332423	1.46	cps
Sodium	23-2	62564681	62531258	62277076	62457672	0.25	cps
Strontium	86-1	144908	145689	145608	145402	0.30	cps
Strontium	88-1	1247477	1271072	1264493	1261014	0.97	cps
Sulfur	34-1	6040869	6089366	6048904	6059713	0.43	cps
Terbium	159-1	15486196	15584967	15623985	15565050	0.46	cps
Terbium	159-2	7070797	7020580	6942823	7011400	0.92	cps
Thallium	203-1	331377	328178	325021	328192	0.97	cps
Thallium	205-1	805555	799640	790107	798434	0.98	cps
Thorium	232-1	922	856	850	876	4.59	cps
Tin	118-1	588911	589324	590095	589443	0.10	cps
Titanium	47-1	3591195	3609382	3608047	3602875	0.28	cps
Uranium	238-1	1058	1192	1075	1108	6.55	cps
Vanadium	51-2	61839	62629	62582	62350	0.71	cps
Yttrium	89-1	10652692	10690965	10689933	10677863	0.20	cps
Yttrium	89-2	1469181	1456622	1449600	1458468	0.68	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 14:53:09	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	21843	21860	21887	21863	0.10	cps
Zirconium	90-1	1342	1050	1375	1256	14.24	cps
Zirconium	91-1	283	292	325	300	7.35	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7462151	7460270	7420887	7447770	0.31	cps
Antimony	121-1	6410793	6423831	6485783	6440136	0.62	cps
Arsenic	75-2	205801	206560	204316	205559	0.56	cps
Barium	135-1	8415032	8383706	8452332	8417024	0.41	cps
Barium	137-1	14919327	14794525	14899236	14871030	0.45	cps
Beryllium	9-1	1663154	1666383	1666492	1665343	0.11	cps
Bismuth	209-1	10161175	10124767	10146788	10144244	0.18	cps
Bismuth	209-2	4733097	4908268	5008888	4883418	2.86	cps
Boron	10-1	293833	296460	299116	296469	0.89	cps
Boron	11-1	1342355	1368874	1377957	1363062	1.36	cps
Cadmium	111-1	1724671	1716765	1719043	1720160	0.24	cps
Cadmium	106-1	207256	213161	211564	210661	1.45	cps
Cadmium	108-1	143038	141295	143762	142698	0.89	cps
Calcium	43-1	10138636	10191575	10187546	10172586	0.29	cps
Calcium	44-1	164670129	166581820	165118420	165456790	0.60	cps
Chromium	52-2	2069740	2078459	2060277	2069492	0.44	cps
Cobalt	59-2	3194529	3209637	3218987	3207718	0.38	cps
Copper	63-2	4518575	4563699	4554062	4545445	0.52	cps
Dysprosium	156-1	233	117	175	175	33.34	cps
Dysprosium	156-2	123	107	187	139	30.39	cps
Erbium	164-1	92	83	67	81	15.80	cps
Erbium	164-2	23	13	23	20	28.87	cps
Gadolinium	160-1	200	208	183	197	6.45	cps
Gadolinium	160-2	313	257	243	271	13.71	cps
Holmium	165-1	15427111	15469591	15574080	15490261	0.49	cps
Holmium	165-2	6999865	7143177	7315894	7152979	2.21	cps
Indium	115-1	10460497	10382406	10396874	10413259	0.40	cps
Indium	115-2	1842255	1895241	1943418	1893638	2.67	cps
Iron	56-2	431435243	430312199	427953065	429900169	0.41	cps
Iron	57-2	10542797	10544125	10538621	10541848	0.03	cps
Krypton	83-1	793	727	740	753	4.68	cps
Lead	206-1	6702172	6652576	6662498	6672415	0.39	cps
Lead	207-1	5924582	5896870	5928346	5916599	0.29	cps
Lead	208-1	27254624	27296415	27291843	27280961	0.08	cps
Lithium	6-1	3096346	3110024	3109989	3105453	0.25	cps
Magnesium	24-2	85666804	85767210	85690144	85708053	0.06	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2444872	2460920	2434326	2446706	0.55	cps
Molybdenum	94-1	13717712	13746563	13690689	13718321	0.20	cps
Molybdenum	95-1	16842610	16848845	16796104	16829186	0.17	cps
Molybdenum	96-1	18647849	18550842	18599443	18599378	0.26	cps
Molybdenum	97-1	10477215	10519593	10509445	10502084	0.21	cps
Molybdenum	98-1	26830759	26983178	26966693	26926877	0.31	cps
Neodymium	150-1	840	827	820	829	1.23	cps
Neodymium	150-2	80	117	97	98	18.78	cps
Nickel	60-2	838878	851247	845924	845350	0.73	cps
Phosphorus	31-2	85018	83936	82327	83761	1.62	cps
Potassium	39-2	36224929	36107540	35965263	36099244	0.36	cps
Rhodium	103-1	8917942	8957814	9038787	8971514	0.69	cps
Rhodium	103-2	3997556	4083937	4209013	4096835	2.60	cps
Scandium	45-1	6457213	6466238	6433535	6452329	0.26	cps
Scandium	45-2	292093	296164	305960	298072	2.39	cps
Selenium	77-2	5965	5658	6131	5918	4.06	cps
Selenium	78-2	20546	19789	20227	20188	1.88	cps
Selenium	82-1	136810	137921	137150	137294	0.41	cps
Silicon	28-1	5189358	5329201	5446607	5321722	2.42	cps
Silver	109-1	8264625	8276520	8321671	8287605	0.36	cps
Silver	107-1	8545919	8552545	8582231	8560232	0.23	cps
Sodium	23-2	161516487	161993483	162592891	162034287	0.33	cps
Strontium	86-1	2188484	2174228	2198820	2187177	0.56	cps
Strontium	88-1	19174686	19167472	19249223	19197127	0.24	cps
Sulfur	34-1	1214363	1206033	1213636	1211344	0.38	cps
Terbium	159-1	15596510	15636046	15676417	15636325	0.26	cps
Terbium	159-2	6852096	6979986	7092511	6974864	1.72	cps
Thallium	203-1	8144014	8197398	8206442	8182618	0.41	cps
Thallium	205-1	19888256	19924040	19920910	19911069	0.10	cps
Thorium	232-1	33124269	33038483	33022953	33061902	0.17	cps
Tin	118-1	5636946	5656561	5671234	5654914	0.30	cps
Titanium	47-1	4554591	4564948	4549897	4556479	0.17	cps
Uranium	238-1	33089355	33356703	33249379	33231812	0.40	cps
Vanadium	51-2	1624272	1624738	1619519	1622843	0.18	cps
Yttrium	89-1	10695786	10691600	10722224	10703203	0.16	cps
Yttrium	89-2	1433909	1464050	1507307	1468422	2.51	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV28	Instrumnet Name :	P7
Client Sample ID :	CCV28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:14:32	DataFile Name :	021CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	782962	787545	784862	785123	0.29	cps
Zirconium	90-1	11370474	11446521	11436269	11417755	0.36	cps
Zirconium	91-1	2506875	2528149	2513263	2516096	0.43	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	183	250	142	192	28.51	cps
Antimony	121-1	800	908	758	822	9.42	cps
Arsenic	75-2	9	7	2	6	62.47	cps
Barium	135-1	67	117	17	67	75.00	cps
Barium	137-1	125	142	117	128	9.96	cps
Beryllium	9-1	83	83	33	67	43.31	cps
Bismuth	209-1	11742561	11681999	11619224	11681261	0.53	cps
Bismuth	209-2	5639583	5712851	5701907	5684780	0.70	cps
Boron	10-1	2334	2392	2125	2284	6.14	cps
Boron	11-1	10579	9937	9687	10068	4.57	cps
Cadmium	111-1	533	529	550	537	2.07	cps
Cadmium	106-1	5209	5068	5026	5101	1.88	cps
Cadmium	108-1	25	4	4	11	108.21	cps
Calcium	43-1	275	158	183	206	29.88	cps
Calcium	44-1	6118	6418	6477	6338	3.04	cps
Chromium	52-2	1157	1190	1313	1220	6.76	cps
Cobalt	59-2	100	110	93	101	8.29	cps
Copper	63-2	367	363	357	362	1.41	cps
Dysprosium	156-1	17	8	25	17	50.01	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	3	13	23	13	75.02	cps
Gadolinium	160-1	67	117	100	94	26.96	cps
Gadolinium	160-2	187	273	213	224	19.78	cps
Holmium	165-1	15964223	15892852	15806596	15887890	0.50	cps
Holmium	165-2	7431876	7495962	7452397	7460078	0.44	cps
Indium	115-1	11551379	11569910	11631447	11584246	0.36	cps
Indium	115-2	2106339	2128063	2132283	2122228	0.66	cps
Iron	56-2	10471	10254	9809	10178	3.31	cps
Iron	57-2	267	233	383	294	26.75	cps
Krypton	83-1	767	687	743	732	5.62	cps
Lead	206-1	861	850	794	835	4.28	cps
Lead	207-1	750	883	817	817	8.16	cps
Lead	208-1	3556	3800	3517	3624	4.24	cps
Lithium	6-1	3345149	3329311	3348301	3340920	0.30	cps
Magnesium	24-2	1033	950	1025	1003	4.58	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	73	53	61	17.53	cps
Molybdenum	94-1	708	792	733	744	5.74	cps
Molybdenum	95-1	458	558	483	500	10.41	cps
Molybdenum	96-1	750	692	708	717	4.19	cps
Molybdenum	97-1	392	250	400	347	24.28	cps
Molybdenum	98-1	858	725	875	820	10.03	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	127	83	110	107	20.49	cps
Phosphorus	31-2	425	617	425	489	22.64	cps
Potassium	39-2	22852	21867	23127	22615	2.93	cps
Rhodium	103-1	10609513	10606208	10638561	10618094	0.17	cps
Rhodium	103-2	4811859	4828101	4853237	4831065	0.43	cps
Scandium	45-1	6822598	6858667	6883369	6854878	0.45	cps
Scandium	45-2	314719	314316	313890	314308	0.13	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	85	48	56	63	31.13	cps
Selenium	82-1	-5	65	18	26	136.30	cps
Silicon	28-1	233462	234721	233463	233882	0.31	cps
Silver	109-1	183	308	183	225	32.08	cps
Silver	107-1	275	258	325	286	12.13	cps
Sodium	23-2	26241	26399	26466	26368	0.44	cps
Strontium	86-1	1408	1358	1450	1406	3.27	cps
Strontium	88-1	225	267	292	261	12.90	cps
Sulfur	34-1	453741	454191	459016	455649	0.64	cps
Terbium	159-1	16141597	16083222	16209562	16144794	0.39	cps
Terbium	159-2	7338013	7322553	7332106	7330891	0.11	cps
Thallium	203-1	725	692	642	686	6.11	cps
Thallium	205-1	1634	1884	1642	1720	8.26	cps
Thorium	232-1	1422	1461	1656	1513	8.26	cps
Tin	118-1	1350	1700	1458	1503	11.92	cps
Titanium	47-1	200	225	167	197	14.84	cps
Uranium	238-1	233	292	317	281	15.24	cps
Vanadium	51-2	27	17	27	23	24.74	cps
Yttrium	89-1	11457112	11451718	11474790	11461206	0.11	cps
Yttrium	89-2	1574335	1573960	1574359	1574218	0.01	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB28	Instrumnet Name :	P7
Client Sample ID :	CCB28	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:24:20	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	377	337	390	368	7.55	cps
Zirconium	90-1	1050	1083	858	997	12.18	cps
Zirconium	91-1	233	267	208	236	12.39	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3417	3159	2992	3189	6.72	cps
Antimony	121-1	25892	25941	25466	25766	1.01	cps
Arsenic	75-2	478	454	472	468	2.69	cps
Barium	135-1	33491	32297	32397	32728	2.02	cps
Barium	137-1	56976	56298	56733	56669	0.61	cps
Beryllium	9-1	3295	3317	3678	3430	6.27	cps
Bismuth	209-1	11816766	11853747	11707326	11792613	0.65	cps
Bismuth	209-2	5640998	5689630	5712185	5680938	0.64	cps
Boron	10-1	16376	16051	16718	16382	2.04	cps
Boron	11-1	74148	75304	77055	75502	1.94	cps
Cadmium	111-1	4351	4276	4284	4304	0.96	cps
Cadmium	106-1	5910	5576	5026	5504	8.11	cps
Cadmium	108-1	296	308	296	300	2.41	cps
Calcium	43-1	21166	20673	21208	21016	1.41	cps
Calcium	44-1	338484	334925	335956	336455	0.54	cps
Chromium	52-2	10067	10017	10057	10047	0.26	cps
Cobalt	59-2	7339	7078	6955	7124	2.75	cps
Copper	63-2	10511	10290	10154	10318	1.75	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	83	33	92	69	45.44	cps
Erbium	164-2	50	33	43	42	19.87	cps
Gadolinium	160-1	50	142	133	108	46.79	cps
Gadolinium	160-2	240	233	277	250	9.33	cps
Holmium	165-1	16035017	16285077	16182006	16167367	0.78	cps
Holmium	165-2	7498415	7434496	7493125	7475345	0.47	cps
Indium	115-1	11809278	11934598	11822316	11855397	0.58	cps
Indium	115-2	2133949	2149225	2165430	2149535	0.73	cps
Iron	56-2	193783	190484	193890	192719	1.00	cps
Iron	57-2	4612	5040	4662	4771	4.90	cps
Krypton	83-1	823	837	790	817	2.94	cps
Lead	206-1	14436	14036	14169	14213	1.43	cps
Lead	207-1	12962	12784	13001	12916	0.90	cps
Lead	208-1	60496	58452	58313	59087	2.07	cps
Lithium	6-1	3394033	3413356	3402501	3403296	0.28	cps
Magnesium	24-2	173811	172573	176518	174301	1.16	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2664	2754	2677	2698	1.80	cps
Molybdenum	94-1	27661	27619	27435	27572	0.44	cps
Molybdenum	95-1	33565	33081	33023	33223	0.90	cps
Molybdenum	96-1	36991	37016	37501	37169	0.77	cps
Molybdenum	97-1	21150	20766	20682	20866	1.19	cps
Molybdenum	98-1	54505	53744	53133	53794	1.28	cps
Neodymium	150-1	13	27	0	13	100.01	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2227	2084	2284	2198	4.69	cps
Phosphorus	31-2	492	575	458	508	11.82	cps
Potassium	39-2	169145	172854	171429	171143	1.09	cps
Rhodium	103-1	10838961	10892172	10882005	10871046	0.26	cps
Rhodium	103-2	4861382	4899221	4910202	4890268	0.52	cps
Scandium	45-1	7070376	7131478	7078988	7093614	0.47	cps
Scandium	45-2	320504	321475	324697	322225	0.68	cps
Selenium	77-2	53	87	57	66	28.01	cps
Selenium	78-2	257	326	276	286	12.37	cps
Selenium	82-1	1557	1520	1574	1551	1.78	cps
Silicon	28-1	371266	369468	370326	370353	0.24	cps
Silver	109-1	18321	18404	17945	18223	1.34	cps
Silver	107-1	18763	19289	19339	19130	1.67	cps
Sodium	23-2	347540	344218	348481	346746	0.65	cps
Strontium	86-1	5551	5776	5643	5657	2.00	cps
Strontium	88-1	39347	38570	39289	39068	1.11	cps
Sulfur	34-1	468131	467832	467849	467938	0.04	cps
Terbium	159-1	16329232	16392951	16357263	16359816	0.20	cps
Terbium	159-2	7335801	7360641	7386929	7361124	0.35	cps
Thallium	203-1	16703	16861	16961	16842	0.77	cps
Thallium	205-1	40722	39935	39836	40164	1.21	cps
Thorium	232-1	61333	60495	60077	60635	1.05	cps
Tin	118-1	59568	59025	58581	59058	0.84	cps
Titanium	47-1	9537	9103	9378	9339	2.35	cps
Uranium	238-1	61429	60291	60441	60720	1.02	cps
Vanadium	51-2	16810	16116	16433	16453	2.11	cps
Yttrium	89-1	11729401	11774281	11820140	11774607	0.39	cps
Yttrium	89-2	1590019	1599919	1612548	1600829	0.71	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:32:07	DataFile Name :	024LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2077	2090	2334	2167	6.67	cps
Zirconium	90-1	24705	23478	23645	23943	2.78	cps
Zirconium	91-1	5076	5510	5034	5207	5.05	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P7
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:35:41	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	117	125	192	144	28.46	cps
Antimony	121-1	167	258	283	236	26.02	cps
Arsenic	75-2	4	7	7	6	34.70	cps
Barium	135-1	25	25	33	28	17.31	cps
Barium	137-1	117	100	100	106	9.12	cps
Beryllium	9-1	44	83	72	67	30.04	cps
Bismuth	209-1	11893459	11711078	11866747	11823761	0.83	cps
Bismuth	209-2	5666251	5721100	5707682	5698344	0.50	cps
Boron	10-1	1817	1784	1608	1736	6.45	cps
Boron	11-1	8578	7752	7602	7977	6.58	cps
Cadmium	111-1	537	540	534	537	0.54	cps
Cadmium	106-1	5268	5234	5260	5254	0.33	cps
Cadmium	108-1	21	13	13	15	31.48	cps
Calcium	43-1	150	175	133	153	13.73	cps
Calcium	44-1	5635	5776	6010	5807	3.26	cps
Chromium	52-2	1217	1353	1190	1253	6.99	cps
Cobalt	59-2	93	113	73	93	21.43	cps
Copper	63-2	307	400	360	356	13.17	cps
Dysprosium	156-1	0	8	17	8	100.02	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	67	75	58	67	12.49	cps
Erbium	164-2	23	17	13	18	28.64	cps
Gadolinium	160-1	100	83	175	119	40.88	cps
Gadolinium	160-2	247	277	233	252	8.80	cps
Holmium	165-1	16113298	16117819	16239376	16156831	0.44	cps
Holmium	165-2	7529969	7485552	7501670	7505731	0.30	cps
Indium	115-1	11891782	11923151	11867292	11894075	0.24	cps
Indium	115-2	2154515	2149390	2159197	2154367	0.23	cps
Iron	56-2	7441	7858	8297	7865	5.44	cps
Iron	57-2	267	250	211	243	11.75	cps
Krypton	83-1	770	733	763	756	2.58	cps
Lead	206-1	872	828	589	763	19.97	cps
Lead	207-1	733	800	772	769	4.36	cps
Lead	208-1	3406	3400	3245	3350	2.73	cps
Lithium	6-1	3405584	3399070	3405079	3403245	0.11	cps
Magnesium	24-2	542	500	492	511	5.24	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PB114857BL Instrumnet Name : P7
 Client Sample ID : PB114857BL Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 15:35:41 DataFile Name : 025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	63	57	59	6.53	cps
Molybdenum	94-1	392	417	317	375	13.88	cps
Molybdenum	95-1	233	175	175	194	17.32	cps
Molybdenum	96-1	325	283	225	278	18.08	cps
Molybdenum	97-1	117	125	150	131	13.29	cps
Molybdenum	98-1	275	292	342	303	11.46	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	107	140	113	120	14.70	cps
Phosphorus	31-2	508	475	542	508	6.56	cps
Potassium	39-2	22960	23436	22760	23052	1.51	cps
Rhodium	103-1	10883588	10856100	10900587	10880092	0.21	cps
Rhodium	103-2	4889626	4916794	4944510	4916977	0.56	cps
Scandium	45-1	7121799	7122752	7147114	7130555	0.20	cps
Scandium	45-2	320998	320226	324582	321935	0.72	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	70	54	70	65	14.85	cps
Selenium	82-1	-37	100	-16	16	471.88	cps
Silicon	28-1	241240	244567	244880	243563	0.83	cps
Silver	109-1	108	142	75	108	30.77	cps
Silver	107-1	183	217	167	189	13.48	cps
Sodium	23-2	19038	17878	17920	18278	3.60	cps
Strontium	86-1	1125	1509	1217	1283	15.60	cps
Strontium	88-1	275	183	200	219	22.25	cps
Sulfur	34-1	468596	472859	473754	471736	0.58	cps
Terbium	159-1	16396726	16373656	16489360	16419914	0.37	cps
Terbium	159-2	7375303	7376089	7376939	7376110	0.01	cps
Thallium	203-1	575	592	517	561	7.02	cps
Thallium	205-1	1242	1367	1275	1295	5.00	cps
Thorium	232-1	683	628	617	643	5.56	cps
Tin	118-1	1292	1492	1333	1372	7.69	cps
Titanium	47-1	67	125	75	89	35.50	cps
Uranium	238-1	125	125	117	122	3.94	cps
Vanadium	51-2	7	3	10	7	50.03	cps
Yttrium	89-1	11786894	11838250	11837473	11820872	0.25	cps
Yttrium	89-2	1602360	1609359	1614756	1608825	0.39	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BL	Instrumnet Name :	P7
Client Sample ID :	PB114857BL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:35:41	DataFile Name :	025CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	347	350	360	352	1.97	cps
Zirconium	90-1	700	950	942	864	16.44	cps
Zirconium	91-1	208	225	175	203	12.55	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PB114857BS Instrumnet Name : P7
 Client Sample ID : PB114857BS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 15:39:15 DataFile Name : 026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1504295	1519925	1524595	1516272	0.70	cps
Antimony	121-1	7076802	7031574	7033006	7047127	0.36	cps
Arsenic	75-2	224411	226487	226112	225670	0.49	cps
Barium	135-1	9012555	8919547	8965829	8965977	0.52	cps
Barium	137-1	15831003	15602222	15794163	15742463	0.78	cps
Beryllium	9-1	1735291	1720177	1706283	1720584	0.84	cps
Bismuth	209-1	11536000	11423577	11478084	11479220	0.49	cps
Bismuth	209-2	5395751	5526512	5537488	5486584	1.44	cps
Boron	10-1	304574	307163	308877	306871	0.71	cps
Boron	11-1	1404110	1431169	1418182	1417820	0.95	cps
Cadmium	111-1	1970728	1958725	1947783	1959079	0.59	cps
Cadmium	106-1	236637	230622	232271	233177	1.33	cps
Cadmium	108-1	161338	160472	157550	159787	1.24	cps
Calcium	43-1	2139963	2103218	2093877	2112353	1.15	cps
Calcium	44-1	34632928	34292234	34163367	34362843	0.71	cps
Chromium	52-2	2045992	2067222	2065628	2059614	0.57	cps
Cobalt	59-2	3346037	3384760	3392959	3374585	0.74	cps
Copper	63-2	4637238	4675886	4682087	4665070	0.52	cps
Dysprosium	156-1	125	167	325	206	51.33	cps
Dysprosium	156-2	163	203	157	174	14.47	cps
Erbium	164-1	108	92	183	128	38.21	cps
Erbium	164-2	37	33	33	34	5.60	cps
Gadolinium	160-1	208	150	175	178	16.46	cps
Gadolinium	160-2	273	287	223	261	12.79	cps
Holmium	165-1	16291661	16171778	16258262	16240567	0.38	cps
Holmium	165-2	7369619	7489752	7549454	7469609	1.23	cps
Indium	115-1	11237374	11106315	11100216	11147968	0.70	cps
Indium	115-2	1960475	1992425	2023554	1992152	1.58	cps
Iron	56-2	91295005	91713674	91733280	91580653	0.27	cps
Iron	57-2	2225071	2240459	2244648	2236726	0.46	cps
Krypton	83-1	747	690	617	684	9.52	cps
Lead	206-1	7278125	7336987	7355443	7323519	0.55	cps
Lead	207-1	6694996	6729493	6739066	6721185	0.34	cps
Lead	208-1	29941763	30152213	30152838	30082271	0.40	cps
Lithium	6-1	3217432	3144813	3124415	3162220	1.55	cps
Magnesium	24-2	17743242	17794455	17852329	17796675	0.31	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P7
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:39:15	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2490862	2541428	2543539	2525276	1.18	cps
Molybdenum	94-1	14323184	14061759	14124762	14169902	0.96	cps
Molybdenum	95-1	17566717	17321799	17426487	17438334	0.70	cps
Molybdenum	96-1	19406012	19128559	19116526	19217033	0.85	cps
Molybdenum	97-1	10973592	10862327	10861525	10899148	0.59	cps
Molybdenum	98-1	28295550	27998571	27938739	28077620	0.68	cps
Neodymium	150-1	753	853	840	816	6.66	cps
Neodymium	150-2	120	93	70	94	26.49	cps
Nickel	60-2	881997	887016	892263	887092	0.58	cps
Phosphorus	31-2	86669	87297	87263	87076	0.41	cps
Potassium	39-2	7424865	7389467	7411243	7408525	0.24	cps
Rhodium	103-1	10020166	9771044	9782527	9857912	1.43	cps
Rhodium	103-2	4410339	4503308	4527629	4480425	1.38	cps
Scandium	45-1	6639015	6513894	6483561	6545490	1.26	cps
Scandium	45-2	291082	298186	301930	297066	1.85	cps
Selenium	77-2	6618	6825	7115	6853	3.64	cps
Selenium	78-2	22816	23174	23065	23018	0.80	cps
Selenium	82-1	161672	160313	159543	160510	0.67	cps
Silicon	28-1	5338901	5412205	5430184	5393763	0.90	cps
Silver	109-1	9383527	9321881	9278383	9327930	0.57	cps
Silver	107-1	9769327	9601258	9613584	9661389	0.97	cps
Sodium	23-2	33342983	33407993	33423525	33391500	0.13	cps
Strontium	86-1	2308016	2279027	2270195	2285746	0.87	cps
Strontium	88-1	20311905	20062244	20095369	20156506	0.67	cps
Sulfur	34-1	1218477	1197131	1186394	1200667	1.36	cps
Terbium	159-1	16549480	16320964	16362408	16410951	0.74	cps
Terbium	159-2	7247033	7315910	7377044	7313329	0.89	cps
Thallium	203-1	8977343	9018638	8965104	8987029	0.31	cps
Thallium	205-1	21823172	21951624	21854067	21876288	0.31	cps
Thorium	232-1	35012088	35125090	35127562	35088246	0.19	cps
Tin	118-1	6274879	6272746	6282099	6276575	0.08	cps
Titanium	47-1	4688162	4628196	4602887	4639748	0.94	cps
Uranium	238-1	34476050	34599961	34527857	34534623	0.18	cps
Vanadium	51-2	1626254	1641684	1642339	1636759	0.56	cps
Yttrium	89-1	11296863	11051612	11109634	11152703	1.15	cps
Yttrium	89-2	1485280	1513873	1514206	1504453	1.10	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PB114857BS	Instrumnet Name :	P7
Client Sample ID :	PB114857BS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:39:15	DataFile Name :	026LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	769313	778855	772249	773472	0.63	cps
Zirconium	90-1	11960850	11821596	11821695	11868047	0.68	cps
Zirconium	91-1	2612535	2589747	2590263	2597515	0.50	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1933437	1933202	1932843	1933161	0.02	cps
Antimony	121-1	86197	82475	83339	84003	2.32	cps
Arsenic	75-2	17442	17416	17349	17402	0.27	cps
Barium	135-1	731267	721633	724952	725950	0.67	cps
Barium	137-1	1278991	1270056	1264656	1271234	0.57	cps
Beryllium	9-1	4090	3856	3901	3949	3.14	cps
Bismuth	209-1	11541975	11508637	11332684	11461099	0.98	cps
Bismuth	209-2	5276958	5591672	5942626	5603752	5.94	cps
Boron	10-1	11380	10396	9737	10504	7.87	cps
Boron	11-1	49800	47601	45452	47618	4.56	cps
Cadmium	111-1	20582	20994	20973	20850	1.11	cps
Cadmium	106-1	7911	7727	7869	7836	1.23	cps
Cadmium	108-1	1779	1779	1859	1806	2.53	cps
Calcium	43-1	326207	325612	325562	325794	0.11	cps
Calcium	44-1	5304129	5306179	5331757	5314022	0.29	cps
Chromium	52-2	60524	60882	61264	60890	0.61	cps
Cobalt	59-2	71831	69591	70854	70758	1.59	cps
Copper	63-2	403899	411696	408695	408097	0.96	cps
Dysprosium	156-1	95397	94751	95390	95179	0.39	cps
Dysprosium	156-2	43459	43656	43686	43600	0.28	cps
Erbium	164-1	65332	61406	62669	63136	3.17	cps
Erbium	164-2	28600	29218	28800	28873	1.09	cps
Gadolinium	160-1	72434	71604	72668	72235	0.77	cps
Gadolinium	160-2	37384	37231	37191	37269	0.27	cps
Holmium	165-1	15795968	15801331	15701523	15766274	0.36	cps
Holmium	165-2	7039429	7423450	7928388	7463756	5.97	cps
Indium	115-1	11190340	11258655	11045242	11164746	0.98	cps
Indium	115-2	1947867	2075376	2224547	2082597	6.65	cps
Iron	56-2	64176064	64756331	64735128	64555841	0.51	cps
Iron	57-2	1547160	1567134	1568239	1560844	0.76	cps
Krypton	83-1	863	737	817	806	7.95	cps
Lead	206-1	10770143	10720130	10774250	10754841	0.28	cps
Lead	207-1	9616370	9515386	9574236	9568664	0.53	cps
Lead	208-1	43999197	43654784	43836408	43830130	0.39	cps
Lithium	6-1	3114749	3111268	3065768	3097262	0.88	cps
Magnesium	24-2	1433777	1430844	1434303	1432975	0.13	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2306134	2326578	2337668	2323460	0.69	cps
Molybdenum	94-1	83292	84466	84341	84033	0.77	cps
Molybdenum	95-1	6552	6318	5852	6241	5.71	cps
Molybdenum	96-1	20749	20716	20757	20741	0.11	cps
Molybdenum	97-1	4067	3709	3934	3903	4.64	cps
Molybdenum	98-1	10621	9929	9178	9909	7.28	cps
Neodymium	150-1	158972	157152	157166	157764	0.66	cps
Neodymium	150-2	58755	59350	58523	58876	0.72	cps
Nickel	60-2	24497	24721	25078	24766	1.18	cps
Phosphorus	31-2	12022	12806	12431	12420	3.16	cps
Potassium	39-2	908691	908248	913151	910030	0.30	cps
Rhodium	103-1	9971089	9991648	9894132	9952290	0.52	cps
Rhodium	103-2	4386247	4672419	4979649	4679438	6.34	cps
Scandium	45-1	6514801	6520151	6436114	6490355	0.72	cps
Scandium	45-2	285745	305522	327970	306412	6.89	cps
Selenium	77-2	210	233	207	217	6.71	cps
Selenium	78-2	244	243	226	238	4.29	cps
Selenium	82-1	243	352	292	296	18.53	cps
Silicon	28-1	43307849	43272596	43673906	43418117	0.51	cps
Silver	109-1	93307	92501	93374	93061	0.52	cps
Silver	107-1	96645	96100	95839	96195	0.43	cps
Sodium	23-2	137080	137424	138670	137725	0.61	cps
Strontium	86-1	198063	197035	196357	197151	0.44	cps
Strontium	88-1	1709528	1695032	1698555	1701038	0.44	cps
Sulfur	34-1	423446	420451	421588	421828	0.36	cps
Terbium	159-1	16029021	16148119	15790974	15989371	1.14	cps
Terbium	159-2	6920533	7256167	7753834	7310178	5.74	cps
Thallium	203-1	26561	25751	26486	26266	1.70	cps
Thallium	205-1	66382	63737	62807	64309	2.88	cps
Thorium	232-1	165381	160742	158412	161511	2.20	cps
Tin	118-1	9028	9178	8795	9000	2.15	cps
Titanium	47-1	657193	650746	656801	654914	0.55	cps
Uranium	238-1	95667	93056	91100	93274	2.46	cps
Vanadium	51-2	107800	108105	108096	108000	0.16	cps
Yttrium	89-1	11788741	11775739	11629313	11731264	0.75	cps
Yttrium	89-2	1554024	1639469	1749796	1647763	5.96	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5873-19DLX2	Instrumnet Name :	P7
Client Sample ID :	MH0539	Dilution Factor :	2
Date & Time Acquired ::	2018-11-26 15:42:50	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	738785	749875	749502	746054	0.84	cps
Zirconium	90-1	219901	215470	217214	217528	1.03	cps
Zirconium	91-1	48976	47697	49001	48558	1.54	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7446967	7489349	7420457	7452258	0.47	cps
Antimony	121-1	6361719	6359511	6395940	6372390	0.32	cps
Arsenic	75-2	202707	204596	202985	203429	0.50	cps
Barium	135-1	8362602	8360354	8411213	8378057	0.34	cps
Barium	137-1	14661109	14668511	14744014	14691211	0.31	cps
Beryllium	9-1	1618874	1620903	1629421	1623066	0.34	cps
Bismuth	209-1	10060224	10109725	10206656	10125535	0.74	cps
Bismuth	209-2	4852369	4860133	4826771	4846424	0.36	cps
Boron	10-1	285603	292456	296669	291576	1.92	cps
Boron	11-1	1302983	1342606	1347864	1331151	1.84	cps
Cadmium	111-1	1676388	1687682	1695348	1686473	0.57	cps
Cadmium	106-1	204360	206507	206532	205800	0.61	cps
Cadmium	108-1	137959	140210	139595	139255	0.84	cps
Calcium	43-1	9880728	9941800	9979262	9933930	0.50	cps
Calcium	44-1	161270637	161363937	162356704	161663759	0.37	cps
Chromium	52-2	2061078	2066536	2053475	2060363	0.32	cps
Cobalt	59-2	3199655	3202129	3203610	3201798	0.06	cps
Copper	63-2	4486515	4545380	4501579	4511158	0.68	cps
Dysprosium	156-1	233	133	175	181	27.82	cps
Dysprosium	156-2	157	173	117	149	19.56	cps
Erbium	164-1	75	92	42	69	36.66	cps
Erbium	164-2	40	47	23	37	32.79	cps
Gadolinium	160-1	175	200	150	175	14.28	cps
Gadolinium	160-2	277	213	273	254	14.01	cps
Holmium	165-1	15552236	15502731	15636345	15563770	0.43	cps
Holmium	165-2	7268083	7216257	7078740	7187693	1.36	cps
Indium	115-1	10243477	10295097	10417364	10318646	0.87	cps
Indium	115-2	1891912	1890232	1875737	1885961	0.47	cps
Iron	56-2	429953132	431328165	429396598	430225965	0.23	cps
Iron	57-2	10588102	10552619	10524552	10555091	0.30	cps
Krypton	83-1	743	697	663	701	5.73	cps
Lead	206-1	6612144	6684379	6666751	6654425	0.57	cps
Lead	207-1	5830056	5832223	5895332	5852537	0.63	cps
Lead	208-1	26968967	27077338	27254285	27100197	0.53	cps
Lithium	6-1	3044880	3056391	3095290	3065520	0.86	cps
Magnesium	24-2	85709162	86134852	85435137	85759717	0.41	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2440883	2444418	2446445	2443915	0.12	cps
Molybdenum	94-1	13448585	13521242	13546610	13505479	0.38	cps
Molybdenum	95-1	16490580	16471543	16642429	16534851	0.57	cps
Molybdenum	96-1	18187027	18168050	18469055	18274711	0.92	cps
Molybdenum	97-1	10321960	10311072	10441210	10358081	0.70	cps
Molybdenum	98-1	26500712	26631638	26671601	26601317	0.34	cps
Neodymium	150-1	847	833	900	860	4.10	cps
Neodymium	150-2	107	83	117	102	16.73	cps
Nickel	60-2	839123	844812	837783	840573	0.44	cps
Phosphorus	31-2	82930	82243	83592	82922	0.81	cps
Potassium	39-2	36246836	36115761	36114548	36159048	0.21	cps
Rhodium	103-1	8847298	8868083	8958188	8891190	0.66	cps
Rhodium	103-2	4059855	4079507	4055377	4064913	0.32	cps
Scandium	45-1	6311722	6346284	6418891	6358966	0.86	cps
Scandium	45-2	296877	294406	294553	295279	0.47	cps
Selenium	77-2	6148	5945	5618	5904	4.53	cps
Selenium	78-2	19817	20006	19873	19899	0.49	cps
Selenium	82-1	133253	134186	135090	134176	0.68	cps
Silicon	28-1	5044407	5207788	5302884	5185026	2.52	cps
Silver	109-1	8034320	8117995	8187155	8113157	0.94	cps
Silver	107-1	8368450	8454783	8466278	8429837	0.63	cps
Sodium	23-2	161952920	161868824	160844591	161555445	0.38	cps
Strontium	86-1	2142083	2139816	2159918	2147272	0.51	cps
Strontium	88-1	18859569	18858181	19173896	18963882	0.96	cps
Sulfur	34-1	1153948	1162457	1162717	1159708	0.43	cps
Terbium	159-1	15486664	15606175	15771340	15621393	0.92	cps
Terbium	159-2	7036399	6987101	6952278	6991926	0.60	cps
Thallium	203-1	8127370	8223818	8106367	8152518	0.77	cps
Thallium	205-1	19604231	19964561	19847000	19805264	0.93	cps
Thorium	232-1	32659200	32829561	32910760	32799840	0.39	cps
Tin	118-1	5534507	5475075	5565691	5525091	0.83	cps
Titanium	47-1	4428036	4457546	4481985	4455855	0.61	cps
Uranium	238-1	32938801	33044228	33276735	33086588	0.52	cps
Vanadium	51-2	1615109	1625079	1615345	1618511	0.35	cps
Yttrium	89-1	10535613	10593452	10737351	10622139	0.98	cps
Yttrium	89-2	1466684	1469192	1456345	1464074	0.47	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:46:24	DataFile Name :	028CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	778187	784415	781240	781281	0.40	cps
Zirconium	90-1	11212716	11257649	11297184	11255850	0.38	cps
Zirconium	91-1	2459649	2458976	2465001	2461209	0.13	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	333	433	217	328	33.09	cps
Antimony	121-1	1267	1650	1950	1622	21.12	cps
Arsenic	75-2	24	15	19	19	24.36	cps
Barium	135-1	317	225	267	269	17.03	cps
Barium	137-1	592	350	525	489	25.53	cps
Beryllium	9-1	122	161	94	126	26.59	cps
Bismuth	209-1	11826925	11781569	11825754	11811416	0.22	cps
Bismuth	209-2	5660366	5689937	5736597	5695634	0.67	cps
Boron	10-1	4209	4217	3784	4070	6.09	cps
Boron	11-1	18570	17853	17878	18100	2.25	cps
Cadmium	111-1	615	571	573	586	4.23	cps
Cadmium	106-1	4959	4784	4818	4854	1.92	cps
Cadmium	108-1	21	17	25	21	19.99	cps
Calcium	43-1	350	292	300	314	10.05	cps
Calcium	44-1	9212	8353	9087	8884	5.22	cps
Chromium	52-2	1237	1400	1170	1269	9.33	cps
Cobalt	59-2	143	310	160	204	44.91	cps
Copper	63-2	453	613	440	502	19.21	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	23	3	10	115.51	cps
Erbium	164-1	25	33	25	28	17.31	cps
Erbium	164-2	27	20	23	23	14.29	cps
Gadolinium	160-1	142	150	167	153	8.33	cps
Gadolinium	160-2	210	240	210	220	7.87	cps
Holmium	165-1	16059944	16017426	16170187	16082519	0.49	cps
Holmium	165-2	7529607	7567150	7508910	7535222	0.39	cps
Indium	115-1	11554170	11623320	11687204	11621565	0.57	cps
Indium	115-2	2114912	2130846	2130699	2125486	0.43	cps
Iron	56-2	14702	33250	14535	20829	51.64	cps
Iron	57-2	372	672	456	500	30.99	cps
Krypton	83-1	763	817	740	773	5.08	cps
Lead	206-1	1339	1367	1428	1378	3.30	cps
Lead	207-1	1250	1278	1395	1308	5.86	cps
Lead	208-1	5762	5806	5740	5769	0.59	cps
Lithium	6-1	3306866	3281833	3299755	3296151	0.39	cps
Magnesium	24-2	1867	3696	2067	2543	39.45	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	140	293	113	182	53.32	cps
Molybdenum	94-1	1475	1217	1358	1350	9.59	cps
Molybdenum	95-1	1875	1267	1492	1545	19.92	cps
Molybdenum	96-1	2017	1408	1467	1631	20.59	cps
Molybdenum	97-1	1217	808	850	958	23.45	cps
Molybdenum	98-1	2692	2375	2846	2638	9.10	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	120	150	137	136	11.09	cps
Phosphorus	31-2	533	433	317	428	25.35	cps
Potassium	39-2	22568	24559	23186	23438	4.35	cps
Rhodium	103-1	10533998	10535524	10548408	10539310	0.08	cps
Rhodium	103-2	4811333	4824699	4862758	4832930	0.55	cps
Scandium	45-1	6767773	6792745	6829846	6796788	0.46	cps
Scandium	45-2	312785	312198	314936	313306	0.46	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	74	69	74	72	4.44	cps
Selenium	82-1	14	-86	24	-16	-387.08	cps
Silicon	28-1	234231	234043	234973	234416	0.21	cps
Silver	109-1	400	275	417	364	21.28	cps
Silver	107-1	475	417	425	439	7.19	cps
Sodium	23-2	31876	34068	31401	32448	4.39	cps
Strontium	86-1	1183	1267	1342	1264	6.27	cps
Strontium	88-1	1392	550	708	884	50.65	cps
Sulfur	34-1	430827	433084	437483	433798	0.78	cps
Terbium	159-1	16047977	16300106	16350049	16232711	1.00	cps
Terbium	159-2	7419836	7380814	7408429	7403026	0.27	cps
Thallium	203-1	1367	1208	1242	1272	6.56	cps
Thallium	205-1	2900	2775	3042	2906	4.59	cps
Thorium	232-1	5224	4240	4112	4525	13.44	cps
Tin	118-1	1967	1675	1734	1792	8.61	cps
Titanium	47-1	242	217	200	219	9.55	cps
Uranium	238-1	933	783	1017	911	12.98	cps
Vanadium	51-2	43	140	43	76	73.88	cps
Yttrium	89-1	11361664	11391634	11470867	11408055	0.49	cps
Yttrium	89-2	1573523	1568927	1588098	1576849	0.63	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 15:53:19	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	380	470	443	431	10.72	cps
Zirconium	90-1	1750	1175	1675	1534	20.39	cps
Zirconium	91-1	308	242	367	306	20.47	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1416485	1413459	1419471	1416472	0.21	cps
Antimony	121-1	603362	599412	607866	603547	0.70	cps
Arsenic	75-2	38406	38389	38323	38373	0.12	cps
Barium	135-1	942609	935408	936311	938109	0.42	cps
Barium	137-1	1653378	1662463	1656784	1657542	0.28	cps
Beryllium	9-1	631185	626328	631384	629633	0.45	cps
Bismuth	209-1	11423106	11438355	11523215	11461559	0.47	cps
Bismuth	209-2	5516983	5482216	5523937	5507712	0.41	cps
Boron	10-1	179806	189776	190854	186812	3.26	cps
Boron	11-1	838362	859266	872418	856682	2.00	cps
Cadmium	111-1	298254	305520	304915	302896	1.33	cps
Cadmium	106-1	33583	33749	34268	33867	1.05	cps
Cadmium	108-1	21775	21663	21679	21706	0.28	cps
Calcium	43-1	385546	386588	383405	385179	0.42	cps
Calcium	44-1	6307904	6265429	6274324	6282552	0.36	cps
Chromium	52-2	951274	950193	954406	951958	0.23	cps
Cobalt	59-2	409076	404118	410044	407746	0.78	cps
Copper	63-2	213243	213621	214027	213630	0.18	cps
Dysprosium	156-1	38279	38906	40051	39079	2.30	cps
Dysprosium	156-2	18109	18105	17912	18042	0.62	cps
Erbium	164-1	26134	26017	26802	26318	1.61	cps
Erbium	164-2	11468	11759	11582	11603	1.26	cps
Gadolinium	160-1	29934	29959	30368	30087	0.81	cps
Gadolinium	160-2	16337	15429	16303	16023	3.21	cps
Holmium	165-1	15810837	15930990	16066653	15936160	0.80	cps
Holmium	165-2	7487485	7338270	7422586	7416114	1.01	cps
Indium	115-1	11234183	11243009	11336765	11271319	0.50	cps
Indium	115-2	2053752	2048758	2066565	2056358	0.45	cps
Iron	56-2	55353678	54435994	54648192	54812621	0.88	cps
Iron	57-2	1326356	1321963	1334451	1327590	0.48	cps
Krypton	83-1	923	690	817	810	14.42	cps
Lead	206-1	3339768	3336042	3356822	3344211	0.33	cps
Lead	207-1	2947436	2930019	2939137	2938864	0.30	cps
Lead	208-1	13721461	13664638	13733968	13706689	0.27	cps
Lithium	6-1	4356754	4376220	4401028	4378001	0.51	cps
Magnesium	24-2	4829704	4798040	4783354	4803699	0.49	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2428457	2427741	2423043	2426414	0.12	cps
Molybdenum	94-1	423132	425420	429079	425877	0.70	cps
Molybdenum	95-1	679812	681035	689275	683374	0.75	cps
Molybdenum	96-1	730538	736281	738194	735005	0.54	cps
Molybdenum	97-1	424982	425761	423777	424840	0.24	cps
Molybdenum	98-1	1095724	1096077	1102578	1098126	0.35	cps
Neodymium	150-1	66407	66487	65322	66072	0.99	cps
Neodymium	150-2	23797	24118	23918	23944	0.68	cps
Nickel	60-2	177428	179000	178282	178237	0.44	cps
Phosphorus	31-2	6018	6210	5985	6071	2.00	cps
Potassium	39-2	6265564	6269364	6281476	6272135	0.13	cps
Rhodium	103-1	10064453	10211281	10278664	10184799	1.08	cps
Rhodium	103-2	4587874	4635014	4678962	4633950	0.98	cps
Scandium	45-1	6731139	6802541	6795221	6776301	0.58	cps
Scandium	45-2	305954	307682	307806	307147	0.34	cps
Selenium	77-2	2850	2990	2854	2898	2.76	cps
Selenium	78-2	9255	9147	9298	9233	0.84	cps
Selenium	82-1	62519	62692	62403	62538	0.23	cps
Silicon	28-1	24782713	24881346	24789998	24818019	0.22	cps
Silver	109-1	621200	627930	630406	626512	0.76	cps
Silver	107-1	640083	643332	655642	646352	1.27	cps
Sodium	23-2	1751457	1745617	1750237	1749104	0.18	cps
Strontium	86-1	903092	914698	915424	911071	0.76	cps
Strontium	88-1	8057588	8022551	8052532	8044224	0.24	cps
Sulfur	34-1	387510	377628	361651	375597	3.47	cps
Terbium	159-1	16080498	16170472	16244699	16165223	0.51	cps
Terbium	159-2	7356042	7243964	7299726	7299911	0.77	cps
Thallium	203-1	2163736	2173496	2190059	2175764	0.61	cps
Thallium	205-1	5240767	5252778	5292742	5262096	0.52	cps
Thorium	232-1	355536	354961	362751	357749	1.21	cps
Tin	118-1	1951439	1960987	1970187	1960871	0.48	cps
Titanium	47-1	1115474	1122023	1122793	1120097	0.36	cps
Uranium	238-1	3998496	4029397	4068913	4032269	0.88	cps
Vanadium	51-2	691205	690930	691740	691292	0.06	cps
Yttrium	89-1	11533880	11559351	11638162	11577131	0.47	cps
Yttrium	89-2	1584756	1586551	1586013	1585773	0.06	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DLX10	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL	Dilution Factor :	10
Date & Time Acquired ::	2018-11-26 15:56:54	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	609336	611879	614124	611780	0.39	cps
Zirconium	90-1	99829	98261	98924	99005	0.80	cps
Zirconium	91-1	22143	22877	22268	22429	1.75	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2809785	2784284	2787269	2793779	0.50	cps
Antimony	121-1	1217743	1230839	1222750	1223777	0.54	cps
Arsenic	75-2	76304	75841	76096	76080	0.31	cps
Barium	135-1	1892084	1918915	1905512	1905504	0.70	cps
Barium	137-1	3315474	3350003	3365488	3343655	0.77	cps
Beryllium	9-1	1242576	1238648	1240347	1240524	0.16	cps
Bismuth	209-1	11364650	11504909	11388277	11419279	0.66	cps
Bismuth	209-2	5469947	5703881	5539107	5570978	2.16	cps
Boron	10-1	370539	373937	375549	373342	0.69	cps
Boron	11-1	1708440	1736449	1733236	1726041	0.89	cps
Cadmium	111-1	606811	613303	609792	609969	0.53	cps
Cadmium	106-1	62539	63660	62363	62854	1.12	cps
Cadmium	108-1	43834	43856	43333	43674	0.68	cps
Calcium	43-1	779234	774518	768144	773965	0.72	cps
Calcium	44-1	12667980	12679234	12591058	12646091	0.38	cps
Chromium	52-2	1914305	1897438	1903204	1904983	0.45	cps
Cobalt	59-2	820420	812956	813647	815675	0.51	cps
Copper	63-2	427954	428179	425417	427183	0.36	cps
Dysprosium	156-1	79136	78517	80293	79315	1.14	cps
Dysprosium	156-2	36031	36332	36586	36316	0.76	cps
Erbium	164-1	52669	53497	52518	52895	1.00	cps
Erbium	164-2	23166	23791	23965	23641	1.78	cps
Gadolinium	160-1	62627	62929	62485	62681	0.36	cps
Gadolinium	160-2	31570	31416	31593	31526	0.31	cps
Holmium	165-1	16134932	16274089	16225234	16211418	0.44	cps
Holmium	165-2	7533038	7773310	7561544	7622631	1.72	cps
Indium	115-1	11207310	11294536	11252730	11251525	0.39	cps
Indium	115-2	2031653	2136299	2060478	2076143	2.60	cps
Iron	56-2	109864208	108740633	109026377	109210406	0.53	cps
Iron	57-2	2645623	2649852	2639956	2645144	0.19	cps
Krypton	83-1	813	783	720	772	6.17	cps
Lead	206-1	6923536	7022371	6980791	6975566	0.71	cps
Lead	207-1	5801946	5927282	5900115	5876448	1.12	cps
Lead	208-1	27647053	28064876	27856242	27856057	0.75	cps
Lithium	6-1	5427355	5460146	5458254	5448585	0.34	cps
Magnesium	24-2	9605723	9586723	9523042	9571829	0.45	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4820126	4833633	4831503	4828421	0.15	cps
Molybdenum	94-1	859308	858743	855675	857908	0.23	cps
Molybdenum	95-1	1373100	1386010	1377616	1378909	0.48	cps
Molybdenum	96-1	1476420	1488148	1491940	1485503	0.54	cps
Molybdenum	97-1	856514	859473	855779	857255	0.23	cps
Molybdenum	98-1	2222792	2217702	2213296	2217930	0.21	cps
Neodymium	150-1	133735	134557	133676	133989	0.37	cps
Neodymium	150-2	47756	49572	48559	48629	1.87	cps
Nickel	60-2	353575	353354	354006	353645	0.09	cps
Phosphorus	31-2	11622	12047	11930	11866	1.85	cps
Potassium	39-2	12486897	12405018	12389792	12427236	0.42	cps
Rhodium	103-1	10103661	10200893	10147174	10150576	0.48	cps
Rhodium	103-2	4639671	4856903	4696699	4731091	2.38	cps
Scandium	45-1	6854932	6897238	6856343	6869505	0.35	cps
Scandium	45-2	311376	326381	316537	318098	2.40	cps
Selenium	77-2	5521	5401	5388	5437	1.35	cps
Selenium	78-2	18102	18332	18460	18298	0.99	cps
Selenium	82-1	125137	126102	126204	125814	0.47	cps
Silicon	28-1	49344970	49205040	48940458	49163489	0.42	cps
Silver	109-1	1242924	1266493	1252471	1253962	0.95	cps
Silver	107-1	1284531	1296263	1297218	1292671	0.55	cps
Sodium	23-2	3483193	3504719	3471946	3486620	0.48	cps
Strontium	86-1	1830844	1834816	1849999	1838553	0.55	cps
Strontium	88-1	16324381	16292947	16323717	16313681	0.11	cps
Sulfur	34-1	346827	344348	342327	344500	0.65	cps
Terbium	159-1	16338806	16469451	16428263	16412174	0.41	cps
Terbium	159-2	7379957	7673660	7408920	7487512	2.16	cps
Thallium	203-1	4331410	4423650	4395447	4383502	1.08	cps
Thallium	205-1	10931893	11063918	11018221	11004677	0.61	cps
Thorium	232-1	716991	731505	724576	724357	1.00	cps
Tin	118-1	3941594	3980368	3938566	3953509	0.59	cps
Titanium	47-1	2244368	2238918	2253414	2245567	0.33	cps
Uranium	238-1	8432047	8445944	8484417	8454136	0.32	cps
Vanadium	51-2	1395070	1387458	1390438	1390989	0.28	cps
Yttrium	89-1	11970509	11943627	11991892	11968676	0.20	cps
Yttrium	89-2	1622169	1699417	1647035	1656207	2.38	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL2X5	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL2	Dilution Factor :	5
Date & Time Acquired ::	2018-11-26 16:00:32	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1200410	1206048	1200317	1202258	0.27	cps
Zirconium	90-1	199131	199283	197882	198765	0.39	cps
Zirconium	91-1	43225	44938	44838	44334	2.17	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	701558	703784	701426	702256	0.19	cps
Antimony	121-1	308473	304715	305046	306078	0.68	cps
Arsenic	75-2	19165	19363	19014	19181	0.91	cps
Barium	135-1	477334	474045	471495	474291	0.62	cps
Barium	137-1	840630	826635	831774	833013	0.85	cps
Beryllium	9-1	305974	305849	304007	305277	0.36	cps
Bismuth	209-1	11311866	11487373	11749702	11516314	1.91	cps
Bismuth	209-2	5490715	5524332	5577868	5530972	0.79	cps
Boron	10-1	98243	99887	98226	98786	0.97	cps
Boron	11-1	453186	457549	458650	456462	0.63	cps
Cadmium	111-1	156094	155001	154206	155100	0.61	cps
Cadmium	106-1	19005	19598	19147	19250	1.61	cps
Cadmium	108-1	11005	10713	11038	10918	1.64	cps
Calcium	43-1	195575	190773	191878	192742	1.30	cps
Calcium	44-1	3087942	3078244	3077745	3081310	0.19	cps
Chromium	52-2	477309	476383	481232	478308	0.54	cps
Cobalt	59-2	206220	204399	201513	204044	1.16	cps
Copper	63-2	106702	108632	107841	107725	0.90	cps
Dysprosium	156-1	20441	20007	19682	20043	1.90	cps
Dysprosium	156-2	8930	9130	9136	9065	1.30	cps
Erbium	164-1	12640	12698	13148	12829	2.17	cps
Erbium	164-2	5858	5678	5908	5815	2.08	cps
Gadolinium	160-1	16602	16210	15301	16038	4.16	cps
Gadolinium	160-2	7782	7712	8126	7873	2.81	cps
Holmium	165-1	15914542	15851544	16203328	15989805	1.17	cps
Holmium	165-2	7416645	7388242	7398904	7401264	0.19	cps
Indium	115-1	11254473	11306068	11431332	11330624	0.80	cps
Indium	115-2	2046630	2046485	2059132	2050749	0.35	cps
Iron	56-2	27666861	27423292	27549658	27546604	0.44	cps
Iron	57-2	662465	664708	664238	663804	0.18	cps
Krypton	83-1	707	707	780	731	5.79	cps
Lead	206-1	1712164	1707273	1710436	1709958	0.15	cps
Lead	207-1	1517173	1494417	1504766	1505452	0.76	cps
Lead	208-1	6881576	6859452	6893750	6878259	0.25	cps
Lithium	6-1	3705435	3765064	3790387	3753629	1.16	cps
Magnesium	24-2	2397786	2369379	2383870	2383679	0.60	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1215007	1215130	1221484	1217207	0.30	cps
Molybdenum	94-1	216804	211566	213699	214023	1.23	cps
Molybdenum	95-1	347341	342851	344784	344992	0.65	cps
Molybdenum	96-1	374855	365278	371797	370643	1.32	cps
Molybdenum	97-1	213034	212704	213088	212942	0.10	cps
Molybdenum	98-1	550733	549060	551447	550413	0.22	cps
Neodymium	150-1	33054	33081	32593	32909	0.83	cps
Neodymium	150-2	11555	12019	11949	11841	2.11	cps
Nickel	60-2	88887	89974	90527	89796	0.93	cps
Phosphorus	31-2	3376	3009	2909	3098	7.93	cps
Potassium	39-2	3089294	3106364	3110342	3102000	0.36	cps
Rhodium	103-1	10213741	10225265	10354717	10264574	0.76	cps
Rhodium	103-2	4656145	4645531	4674773	4658816	0.32	cps
Scandium	45-1	6608027	6625252	6684946	6639408	0.61	cps
Scandium	45-2	301609	302576	302147	302111	0.16	cps
Selenium	77-2	1343	1550	1430	1441	7.20	cps
Selenium	78-2	4693	4764	4755	4737	0.81	cps
Selenium	82-1	31734	31811	31542	31696	0.44	cps
Silicon	28-1	12277355	12152782	12232104	12220747	0.52	cps
Silver	109-1	361314	316869	321614	333266	7.32	cps
Silver	107-1	336240	325312	332436	331329	1.67	cps
Sodium	23-2	876292	878829	877720	877613	0.14	cps
Strontium	86-1	459786	459900	455334	458340	0.57	cps
Strontium	88-1	3981179	3962119	3948942	3964080	0.41	cps
Sulfur	34-1	332065	333370	320417	328617	2.17	cps
Terbium	159-1	15973711	16070583	16334106	16126133	1.16	cps
Terbium	159-2	7240237	7232759	7264003	7245667	0.23	cps
Thallium	203-1	1111313	1107102	1118753	1112389	0.53	cps
Thallium	205-1	2693954	2683831	2706098	2694628	0.41	cps
Thorium	232-1	179689	177395	179536	178873	0.72	cps
Tin	118-1	1000992	994265	1001798	999018	0.41	cps
Titanium	47-1	557455	553533	554484	555157	0.37	cps
Uranium	238-1	2029734	2023540	2039879	2031051	0.41	cps
Vanadium	51-2	345286	344228	345325	344946	0.18	cps
Yttrium	89-1	11337014	11361736	11432133	11376961	0.43	cps
Yttrium	89-2	1536840	1546776	1553870	1545829	0.55	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12DL3X20	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOILDL3	Dilution Factor :	20
Date & Time Acquired ::	2018-11-26 16:04:07	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	307259	307566	308335	307720	0.18	cps
Zirconium	90-1	50565	50055	49879	50166	0.71	cps
Zirconium	91-1	11272	10805	11705	11260	4.00	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	11813005	11796639	11644299	11751314	0.79	cps
Antimony	121-1	5407510	5396233	5414617	5406120	0.17	cps
Arsenic	75-2	320103	320544	318361	319669	0.36	cps
Barium	135-1	8881855	8847685	8807844	8845795	0.42	cps
Barium	137-1	15665240	15608458	15550145	15607947	0.37	cps
Beryllium	9-1	5494852	5403410	5316881	5405048	1.65	cps
Bismuth	209-1	10108365	10121277	10146972	10125538	0.19	cps
Bismuth	209-2	4564150	4620304	4632910	4605788	0.79	cps
Boron	10-1	1610775	1606941	1616714	1611477	0.31	cps
Boron	11-1	7583144	7615641	7593093	7597293	0.22	cps
Cadmium	111-1	2653018	2641685	2641969	2645557	0.24	cps
Cadmium	106-1	258467	256664	253546	256226	0.97	cps
Cadmium	108-1	189317	186997	187948	188087	0.62	cps
Calcium	43-1	3453263	3425985	3418006	3432418	0.54	cps
Calcium	44-1	56633795	55889801	55550151	56024583	0.99	cps
Chromium	52-2	8192130	8224289	8137269	8184563	0.54	cps
Cobalt	59-2	3399496	3418895	3388385	3402259	0.45	cps
Copper	63-2	1748241	1767600	1747605	1754482	0.65	cps
Dysprosium	156-1	367156	364047	367969	366391	0.56	cps
Dysprosium	156-2	160562	160953	158947	160154	0.66	cps
Erbium	164-1	244304	247077	250384	247255	1.23	cps
Erbium	164-2	106951	106947	106171	106690	0.42	cps
Gadolinium	160-1	288406	286780	289692	288293	0.51	cps
Gadolinium	160-2	141962	143113	143471	142849	0.55	cps
Holmium	165-1	15436946	15339224	15400459	15392210	0.32	cps
Holmium	165-2	6772733	6777514	6782907	6777718	0.08	cps
Indium	115-1	9833483	9868365	9805103	9835650	0.32	cps
Indium	115-2	1647733	1660577	1649946	1652752	0.42	cps
Iron	56-2	468088099	470695977	465872066	468218714	0.52	cps
Iron	57-2	11432414	11462067	11322603	11405695	0.64	cps
Krypton	83-1	983	1023	1130	1046	7.25	cps
Lead	206-1	31986933	32189888	31924137	32033652	0.43	cps
Lead	207-1	28118496	28305721	28142886	28189034	0.36	cps
Lead	208-1	128474047	129522911	128894483	128963814	0.41	cps
Lithium	6-1	12672486	12564034	12483828	12573450	0.75	cps
Magnesium	24-2	40672782	40504592	40106910	40428095	0.72	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20583057	20730283	20465775	20593039	0.64	cps
Molybdenum	94-1	3889282	3891812	3894785	3891960	0.07	cps
Molybdenum	95-1	6416914	6378469	6386882	6394088	0.32	cps
Molybdenum	96-1	6900229	6858132	6833670	6864010	0.49	cps
Molybdenum	97-1	3878014	3902066	3886226	3888768	0.31	cps
Molybdenum	98-1	10324547	10307631	10283897	10305358	0.20	cps
Neodymium	150-1	612995	609861	617515	613457	0.63	cps
Neodymium	150-2	214854	215360	215510	215241	0.16	cps
Nickel	60-2	1465065	1483781	1461995	1470280	0.80	cps
Phosphorus	31-2	46933	46273	46490	46565	0.72	cps
Potassium	39-2	52488328	52439610	52285312	52404416	0.20	cps
Rhodium	103-1	8874494	8854280	8823169	8850648	0.29	cps
Rhodium	103-2	3866087	3921446	3898203	3895246	0.71	cps
Scandium	45-1	6699106	6587192	6571162	6619153	1.05	cps
Scandium	45-2	280027	280836	279835	280233	0.19	cps
Selenium	77-2	22711	22661	22705	22692	0.12	cps
Selenium	78-2	74624	74527	74427	74526	0.13	cps
Selenium	82-1	547053	541331	540148	542844	0.68	cps
Silicon	28-1	218904630	216869959	213058817	216277802	1.37	cps
Silver	109-1	5364939	5351921	5350731	5355864	0.15	cps
Silver	107-1	5536708	5489268	5477465	5501147	0.57	cps
Sodium	23-2	14896833	14798319	14640895	14778682	0.87	cps
Strontium	86-1	8581674	8593797	8521323	8565598	0.45	cps
Strontium	88-1	74370448	74355208	73874562	74200072	0.38	cps
Sulfur	34-1	386071	381360	370846	379426	2.05	cps
Terbium	159-1	15555981	15474834	15467989	15499601	0.32	cps
Terbium	159-2	6631539	6664254	6626549	6640780	0.31	cps
Thallium	203-1	21169520	20860061	21137656	21055746	0.81	cps
Thallium	205-1	51077648	50831542	50844167	50917786	0.27	cps
Thorium	232-1	3417271	3453917	3475989	3449059	0.86	cps
Tin	118-1	18137224	18028501	18100696	18088807	0.31	cps
Titanium	47-1	10295026	10176844	10059665	10177179	1.16	cps
Uranium	238-1	39949344	40074910	40533165	40185806	0.76	cps
Vanadium	51-2	6042773	6026690	5968384	6012616	0.65	cps
Yttrium	89-1	13207559	13195826	13120538	13174641	0.36	cps
Yttrium	89-2	1683543	1700809	1685165	1689839	0.56	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	J5807-12	Instrumnet Name :	P7
Client Sample ID :	PT-MET-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:07:42	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4754448	4762237	4730374	4749020	0.35	cps
Zirconium	90-1	904495	903124	904515	904045	0.09	cps
Zirconium	91-1	203804	203712	204184	203900	0.12	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:17:55 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1346810	1362003	1349041	1352618	0.61	cps
Antimony	121-1	6348243	6401268	6398447	6382653	0.47	cps
Arsenic	75-2	204592	205745	205699	205345	0.32	cps
Barium	135-1	8092572	8114092	8180632	8129099	0.56	cps
Barium	137-1	14241553	14325399	14392652	14319868	0.53	cps
Beryllium	9-1	1479022	1483286	1492124	1484811	0.45	cps
Bismuth	209-1	10782522	10784242	10852114	10806293	0.37	cps
Bismuth	209-2	5219055	5258936	5213616	5230536	0.47	cps
Boron	10-1	261769	265456	272062	266429	1.96	cps
Boron	11-1	1203605	1226016	1245238	1224953	1.70	cps
Cadmium	111-1	1759043	1763874	1765567	1762828	0.19	cps
Cadmium	106-1	204920	207811	208868	207200	0.99	cps
Cadmium	108-1	143517	142970	141526	142671	0.72	cps
Calcium	43-1	1792193	1796607	1805532	1798111	0.38	cps
Calcium	44-1	28978001	29371415	29499174	29282863	0.93	cps
Chromium	52-2	1829037	1855570	1854125	1846244	0.81	cps
Cobalt	59-2	3016416	3036500	3041318	3031412	0.44	cps
Copper	63-2	4176417	4237530	4230131	4214693	0.79	cps
Dysprosium	156-1	150	158	183	164	10.58	cps
Dysprosium	156-2	150	143	163	152	6.69	cps
Erbium	164-1	117	67	75	86	31.11	cps
Erbium	164-2	33	50	27	37	32.78	cps
Gadolinium	160-1	108	150	158	139	19.29	cps
Gadolinium	160-2	247	223	203	224	9.66	cps
Holmium	165-1	15150400	15232284	15162473	15181719	0.29	cps
Holmium	165-2	7151470	7132336	7096684	7126830	0.39	cps
Indium	115-1	10052730	10074257	10105438	10077475	0.26	cps
Indium	115-2	1839158	1859549	1847955	1848887	0.55	cps
Iron	56-2	82639949	83492949	82872991	83001963	0.53	cps
Iron	57-2	2002661	2034560	2013172	2016798	0.81	cps
Krypton	83-1	663	623	647	644	3.12	cps
Lead	206-1	6875799	6925484	6959253	6920179	0.61	cps
Lead	207-1	5986895	6035655	6377463	6133338	3.47	cps
Lead	208-1	27917418	28076058	28530414	28174630	1.13	cps
Lithium	6-1	2715899	2720111	2728369	2721460	0.23	cps
Magnesium	24-2	15771469	15897349	15792657	15820492	0.43	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : LCSS Instrumnet Name : P7
 Client Sample ID : LCSS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:17:55 DataFile Name : 034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2264468	2300559	2286188	2283738	0.80	cps
Molybdenum	94-1	12537236	12659773	12716285	12637765	0.72	cps
Molybdenum	95-1	15439836	15467047	15538982	15481955	0.33	cps
Molybdenum	96-1	17079342	17134633	17209749	17141242	0.38	cps
Molybdenum	97-1	9620909	9692509	9771905	9695108	0.78	cps
Molybdenum	98-1	24798301	24928255	25180988	24969181	0.78	cps
Neodymium	150-1	687	727	873	762	12.89	cps
Neodymium	150-2	57	70	67	64	10.76	cps
Nickel	60-2	798800	802416	802053	801090	0.25	cps
Phosphorus	31-2	76865	78038	77209	77371	0.78	cps
Potassium	39-2	6590425	6676320	6614191	6626979	0.67	cps
Rhodium	103-1	8754755	8781629	8862327	8799570	0.64	cps
Rhodium	103-2	4070743	4105696	4122774	4099738	0.65	cps
Scandium	45-1	5552006	5591693	5614520	5586073	0.57	cps
Scandium	45-2	261971	263207	262372	262517	0.24	cps
Selenium	77-2	6248	6445	6418	6370	1.68	cps
Selenium	78-2	21013	20846	21045	20968	0.51	cps
Selenium	82-1	141014	141023	142685	141574	0.68	cps
Silicon	28-1	4375197	4468656	4547922	4463925	1.94	cps
Silver	109-1	8299289	8350132	8355482	8334968	0.37	cps
Silver	107-1	8628943	8591840	8764022	8661601	1.05	cps
Sodium	23-2	29516766	29832785	29595405	29648319	0.55	cps
Strontium	86-1	2007925	2030982	2024609	2021172	0.59	cps
Strontium	88-1	17789957	17902471	18005051	17899160	0.60	cps
Sulfur	34-1	999257	993209	1001933	998133	0.45	cps
Terbium	159-1	15205468	15231351	15369916	15268911	0.58	cps
Terbium	159-2	6935998	6985564	6978728	6966763	0.39	cps
Thallium	203-1	8391915	8513822	8515260	8473665	0.84	cps
Thallium	205-1	20372941	20677854	20767112	20605969	1.00	cps
Thorium	232-1	33084831	33397924	33676143	33386299	0.89	cps
Tin	118-1	5481480	5519404	5514817	5505234	0.38	cps
Titanium	47-1	3957096	3964181	3983078	3968118	0.34	cps
Uranium	238-1	32454393	32675923	33097179	32742498	1.00	cps
Vanadium	51-2	1455575	1471212	1467761	1464849	0.56	cps
Yttrium	89-1	9821692	9876782	9979506	9892660	0.81	cps
Yttrium	89-2	1362459	1382056	1384798	1376438	0.89	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSS	Instrumnet Name :	P7
Client Sample ID :	LCSS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:17:55	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	696524	709409	704941	703624	0.93	cps
Zirconium	90-1	10371419	10482907	10555187	10469837	0.88	cps
Zirconium	91-1	2288678	2292468	2312216	2297787	0.55	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	6988511	7021741	7050566	7020273	0.44	cps
Antimony	121-1	6488513	6480032	6505627	6491390	0.20	cps
Arsenic	75-2	192249	192077	192810	192379	0.20	cps
Barium	135-1	8055458	8058484	8065784	8059909	0.07	cps
Barium	137-1	14268546	14196824	14186021	14217130	0.32	cps
Beryllium	9-1	1523246	1527911	1529957	1527038	0.23	cps
Bismuth	209-1	9902529	9973278	9827411	9901073	0.74	cps
Bismuth	209-2	4680325	4891537	4774143	4782002	2.21	cps
Boron	10-1	278046	283000	286209	282418	1.46	cps
Boron	11-1	1275403	1287001	1301534	1287979	1.02	cps
Cadmium	111-1	1784616	1782720	1769350	1778895	0.47	cps
Cadmium	106-1	211268	213042	210219	211510	0.67	cps
Cadmium	108-1	144005	145706	146231	145314	0.80	cps
Calcium	43-1	9272475	9263449	9231987	9255970	0.23	cps
Calcium	44-1	150773495	151181603	150119603	150691567	0.36	cps
Chromium	52-2	1926782	1932579	1941127	1933496	0.37	cps
Cobalt	59-2	2999182	3023438	3035094	3019238	0.61	cps
Copper	63-2	4277096	4294381	4343885	4305120	0.81	cps
Dysprosium	156-1	192	233	142	189	24.30	cps
Dysprosium	156-2	153	190	173	172	10.66	cps
Erbium	164-1	58	92	117	89	32.92	cps
Erbium	164-2	33	27	17	26	32.81	cps
Gadolinium	160-1	150	208	142	167	21.79	cps
Gadolinium	160-2	240	230	260	243	6.28	cps
Holmium	165-1	15064322	15343348	14919087	15108919	1.43	cps
Holmium	165-2	6964824	7215694	7051275	7077264	1.80	cps
Indium	115-1	9807042	9856551	9764782	9809458	0.47	cps
Indium	115-2	1789524	1870122	1825717	1828454	2.21	cps
Iron	56-2	404171498	405562687	409176731	406303639	0.64	cps
Iron	57-2	10012028	9905872	10021864	9979921	0.64	cps
Krypton	83-1	617	707	773	699	11.25	cps
Lead	206-1	6536691	6534452	6548242	6539795	0.11	cps
Lead	207-1	5753462	5734726	5734709	5740966	0.19	cps
Lead	208-1	26672362	26610402	26671009	26651258	0.13	cps
Lithium	6-1	2848982	2880804	2847127	2858971	0.66	cps
Magnesium	24-2	79882471	80320404	80691506	80298127	0.50	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2293037	2305488	2322344	2306956	0.64	cps
Molybdenum	94-1	12761563	12823220	12817567	12800783	0.27	cps
Molybdenum	95-1	15708613	15723869	15673625	15702036	0.16	cps
Molybdenum	96-1	17326074	17448350	17416962	17397129	0.37	cps
Molybdenum	97-1	9857772	9900692	9858769	9872411	0.25	cps
Molybdenum	98-1	25298166	25446943	25273991	25339700	0.37	cps
Neodymium	150-1	933	847	840	873	5.96	cps
Neodymium	150-2	107	87	130	108	20.12	cps
Nickel	60-2	784687	788767	791352	788269	0.43	cps
Phosphorus	31-2	76765	78624	77694	77694	1.20	cps
Potassium	39-2	33830330	33713956	34107913	33884066	0.60	cps
Rhodium	103-1	8355550	8514386	8342350	8404095	1.14	cps
Rhodium	103-2	3829097	3986805	3924667	3913523	2.03	cps
Scandium	45-1	5850041	5908501	5839901	5866148	0.63	cps
Scandium	45-2	271111	284096	279150	278119	2.36	cps
Selenium	77-2	6001	6105	6265	6124	2.17	cps
Selenium	78-2	20160	20134	20073	20123	0.22	cps
Selenium	82-1	135651	135271	134865	135262	0.29	cps
Silicon	28-1	4791049	4899698	4959499	4883415	1.75	cps
Silver	109-1	7814917	7830839	7817222	7820992	0.11	cps
Silver	107-1	8069914	8070960	8102535	8081136	0.23	cps
Sodium	23-2	151130783	151958995	152976674	152022151	0.61	cps
Strontium	86-1	2045198	2041972	2036148	2041106	0.22	cps
Strontium	88-1	18058096	18053691	18050229	18054005	0.02	cps
Sulfur	34-1	1059106	1062918	1070253	1064092	0.53	cps
Terbium	159-1	15028990	15211393	15014629	15085004	0.73	cps
Terbium	159-2	6771947	7025428	6879560	6892312	1.85	cps
Thallium	203-1	8005598	8056450	7981742	8014597	0.48	cps
Thallium	205-1	19412196	19463580	19429167	19434981	0.13	cps
Thorium	232-1	32468191	32651475	32600201	32573289	0.29	cps
Tin	118-1	5377236	5300612	5325915	5334588	0.73	cps
Titanium	47-1	4154947	4142202	4145394	4147515	0.16	cps
Uranium	238-1	32586532	32705613	32749688	32680611	0.26	cps
Vanadium	51-2	1504086	1508005	1522546	1511546	0.64	cps
Yttrium	89-1	10023614	10101092	9961792	10028832	0.70	cps
Yttrium	89-2	1383691	1445487	1405150	1411443	2.22	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:21:29	DataFile Name :	035CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	730696	734366	736156	733739	0.38	cps
Zirconium	90-1	10696985	10685390	10697044	10693140	0.06	cps
Zirconium	91-1	2342177	2352510	2333649	2342779	0.40	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P7
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:39:27 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	58	100	106	47.59	cps
Antimony	121-1	808	817	817	814	0.59	cps
Arsenic	75-2	9	6	15	10	47.14	cps
Barium	135-1	58	42	92	64	39.85	cps
Barium	137-1	92	92	125	103	18.73	cps
Beryllium	9-1	111	172	194	159	27.10	cps
Bismuth	209-1	11566836	11631430	11667800	11622022	0.44	cps
Bismuth	209-2	5587082	5644164	5628074	5619774	0.52	cps
Boron	10-1	4793	4893	4976	4887	1.88	cps
Boron	11-1	21958	22876	20723	21853	4.94	cps
Cadmium	111-1	476	556	531	521	7.85	cps
Cadmium	106-1	4476	5293	4693	4820	8.78	cps
Cadmium	108-1	13	21	13	15	31.48	cps
Calcium	43-1	158	158	158	158	0.00	cps
Calcium	44-1	6027	6243	6268	6179	2.15	cps
Chromium	52-2	1157	1257	1143	1186	5.22	cps
Cobalt	59-2	63	47	57	56	15.09	cps
Copper	63-2	397	450	380	409	8.94	cps
Dysprosium	156-1	8	33	8	17	86.62	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	42	58	42	47	20.38	cps
Erbium	164-2	23	20	17	20	16.65	cps
Gadolinium	160-1	92	83	167	114	40.30	cps
Gadolinium	160-2	213	190	287	230	21.93	cps
Holmium	165-1	15743265	15957830	15907385	15869494	0.71	cps
Holmium	165-2	7435899	7502431	7467795	7468708	0.45	cps
Indium	115-1	11444531	11487117	11473507	11468385	0.19	cps
Indium	115-2	2100031	2129872	2118289	2116064	0.71	cps
Iron	56-2	8303	7825	8614	8247	4.82	cps
Iron	57-2	194	194	300	230	26.54	cps
Krypton	83-1	727	757	763	749	2.61	cps
Lead	206-1	1228	1150	1122	1167	4.69	cps
Lead	207-1	1095	995	1283	1124	13.05	cps
Lead	208-1	4906	4901	4995	4934	1.07	cps
Lithium	6-1	3213516	3227583	3240769	3227290	0.42	cps
Magnesium	24-2	725	808	633	722	12.12	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P7
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:39:27 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	77	93	90	13.35	cps
Molybdenum	94-1	525	500	550	525	4.76	cps
Molybdenum	95-1	408	383	292	361	17.01	cps
Molybdenum	96-1	433	417	433	428	2.25	cps
Molybdenum	97-1	283	242	283	269	8.93	cps
Molybdenum	98-1	725	492	400	539	31.10	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	80	93	83	86	8.11	cps
Phosphorus	31-2	400	383	417	400	4.17	cps
Potassium	39-2	23010	22125	22343	22493	2.05	cps
Rhodium	103-1	10464744	10500024	10510756	10491841	0.23	cps
Rhodium	103-2	4725987	4775987	4764617	4755531	0.55	cps
Scandium	45-1	6692857	6703358	6765438	6720551	0.58	cps
Scandium	45-2	309404	309577	310184	309722	0.13	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	69	65	67	67	2.77	cps
Selenium	82-1	14	1	-67	-17	-253.44	cps
Silicon	28-1	232361	232002	236353	233572	1.03	cps
Silver	109-1	417	308	308	344	18.16	cps
Silver	107-1	275	333	308	306	9.58	cps
Sodium	23-2	18128	16969	17202	17433	3.52	cps
Strontium	86-1	1175	1158	1292	1208	6.01	cps
Strontium	88-1	283	292	333	303	8.85	cps
Sulfur	34-1	454005	453340	455852	454399	0.29	cps
Terbium	159-1	16013843	16144088	16139149	16099026	0.46	cps
Terbium	159-2	7327992	7349809	7368059	7348620	0.27	cps
Thallium	203-1	892	1042	883	939	9.49	cps
Thallium	205-1	2359	2275	2234	2289	2.78	cps
Thorium	232-1	1622	1600	1722	1648	3.95	cps
Tin	118-1	1575	1617	1850	1681	8.82	cps
Titanium	47-1	133	117	108	119	10.66	cps
Uranium	238-1	317	367	292	325	11.75	cps
Vanadium	51-2	13	13	13	13	0.00	cps
Yttrium	89-1	11259661	11364259	11294683	11306201	0.47	cps
Yttrium	89-2	1566051	1566169	1570655	1567625	0.17	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:39:27	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	367	447	380	398	10.77	cps
Zirconium	90-1	1000	1192	942	1045	12.52	cps
Zirconium	91-1	142	250	250	214	29.24	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PBS Instrumnet Name : P7
 Client Sample ID : PBS Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:43:01 DataFile Name : 037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	75	42	61	28.38	cps
Antimony	121-1	442	458	400	433	6.94	cps
Arsenic	75-2	11	13	11	12	9.11	cps
Barium	135-1	67	8	8	28	121.26	cps
Barium	137-1	83	50	50	61	31.50	cps
Beryllium	9-1	122	144	144	137	9.36	cps
Bismuth	209-1	11769367	11738788	11775096	11761084	0.17	cps
Bismuth	209-2	5638056	5700899	5697308	5678754	0.62	cps
Boron	10-1	3951	3809	3967	3909	2.23	cps
Boron	11-1	18403	18353	18262	18340	0.39	cps
Cadmium	111-1	522	564	524	537	4.38	cps
Cadmium	106-1	4959	5335	4901	5065	4.64	cps
Cadmium	108-1	4	4	17	8	86.57	cps
Calcium	43-1	200	67	108	125	54.57	cps
Calcium	44-1	5426	5326	5485	5412	1.48	cps
Chromium	52-2	1197	1247	1210	1218	2.13	cps
Cobalt	59-2	93	80	70	81	14.44	cps
Copper	63-2	410	420	377	402	5.64	cps
Dysprosium	156-1	0	8	25	11	114.58	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	42	33	67	47	36.74	cps
Erbium	164-2	20	30	13	21	39.75	cps
Gadolinium	160-1	125	108	100	111	11.46	cps
Gadolinium	160-2	253	183	227	221	15.98	cps
Holmium	165-1	16130185	16100914	15982139	16071079	0.49	cps
Holmium	165-2	7511175	7554252	7562568	7542665	0.37	cps
Indium	115-1	11626249	11651708	11630029	11635995	0.12	cps
Indium	115-2	2118944	2156166	2153998	2143036	0.97	cps
Iron	56-2	5768	6252	6168	6063	4.26	cps
Iron	57-2	167	167	167	167	0.00	cps
Krypton	83-1	883	783	807	824	6.35	cps
Lead	206-1	1211	1145	1106	1154	4.63	cps
Lead	207-1	1150	1011	1017	1059	7.42	cps
Lead	208-1	4912	4439	4362	4571	6.51	cps
Lithium	6-1	3291458	3290553	3275564	3285858	0.27	cps
Magnesium	24-2	217	158	325	233	36.24	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:43:01	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	77	53	67	18.03	cps
Molybdenum	94-1	417	350	358	375	9.69	cps
Molybdenum	95-1	142	150	158	150	5.56	cps
Molybdenum	96-1	275	225	300	267	14.32	cps
Molybdenum	97-1	142	83	75	100	36.32	cps
Molybdenum	98-1	217	325	250	264	21.03	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	140	90	100	110	24.05	cps
Phosphorus	31-2	450	417	425	431	4.03	cps
Potassium	39-2	22309	23018	22760	22696	1.58	cps
Rhodium	103-1	10684827	10642206	10683677	10670237	0.23	cps
Rhodium	103-2	4786037	4855019	4858391	4833149	0.84	cps
Scandium	45-1	6875447	6869891	6857225	6867521	0.14	cps
Scandium	45-2	311500	316805	315374	314560	0.87	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	74	57	65	65	12.76	cps
Selenium	82-1	-166	-13	-12	-64	-139.71	cps
Silicon	28-1	233495	235122	235772	234796	0.50	cps
Silver	109-1	283	250	225	253	11.58	cps
Silver	107-1	342	400	300	347	14.47	cps
Sodium	23-2	16393	16526	16601	16507	0.64	cps
Strontium	86-1	1200	1117	1200	1172	4.11	cps
Strontium	88-1	208	175	158	181	14.10	cps
Sulfur	34-1	459179	457455	456449	457695	0.30	cps
Terbium	159-1	16331000	16207984	16219619	16252867	0.42	cps
Terbium	159-2	7431020	7450398	7388564	7423327	0.43	cps
Thallium	203-1	908	842	817	856	5.54	cps
Thallium	205-1	1900	1892	2250	2014	10.16	cps
Thorium	232-1	1083	1122	1139	1115	2.56	cps
Tin	118-1	1408	1709	1650	1589	10.01	cps
Titanium	47-1	133	58	167	119	46.45	cps
Uranium	238-1	150	58	142	117	43.45	cps
Vanadium	51-2	23	40	10	24	61.49	cps
Yttrium	89-1	11475976	11567509	11471303	11504929	0.47	cps
Yttrium	89-2	1578165	1594053	1591803	1588007	0.54	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBS	Instrumnet Name :	P7
Client Sample ID :	PBS	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:43:01	DataFile Name :	037CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	360	390	417	389	7.29	cps
Zirconium	90-1	892	1033	892	939	8.71	cps
Zirconium	91-1	142	192	233	189	24.30	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:46:35	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	142	92	111	24.11	cps
Antimony	121-1	333	375	333	347	6.93	cps
Arsenic	75-2	11	7	15	11	33.30	cps
Barium	135-1	58	42	83	61	34.32	cps
Barium	137-1	67	83	33	61	41.67	cps
Beryllium	9-1	144	89	139	124	24.66	cps
Bismuth	209-1	11791817	11856201	11889323	11845781	0.42	cps
Bismuth	209-2	5698545	5707492	5750491	5718843	0.49	cps
Boron	10-1	3609	3492	3142	3414	7.11	cps
Boron	11-1	16651	15909	16443	16334	2.34	cps
Cadmium	111-1	535	561	503	533	5.52	cps
Cadmium	106-1	5076	5018	5009	5034	0.72	cps
Cadmium	108-1	8	4	33	15	103.25	cps
Calcium	43-1	192	142	142	158	18.23	cps
Calcium	44-1	6302	5726	5918	5982	4.90	cps
Chromium	52-2	1193	1243	1260	1232	2.82	cps
Cobalt	59-2	73	70	87	77	11.50	cps
Copper	63-2	397	290	397	361	17.05	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	42	58	50	16.67	cps
Erbium	164-2	13	23	3	13	75.02	cps
Gadolinium	160-1	75	42	142	86	59.13	cps
Gadolinium	160-2	227	217	267	237	11.18	cps
Holmium	165-1	16137005	16273119	16362136	16257420	0.70	cps
Holmium	165-2	7588267	7586045	7649247	7607853	0.47	cps
Indium	115-1	11761727	11710782	11733226	11735245	0.22	cps
Indium	115-2	2151697	2154719	2163712	2156709	0.29	cps
Iron	56-2	7046	7196	6685	6976	3.77	cps
Iron	57-2	183	217	206	202	8.41	cps
Krypton	83-1	737	753	753	748	1.29	cps
Lead	206-1	1206	983	1139	1109	10.28	cps
Lead	207-1	844	1050	1033	976	11.70	cps
Lead	208-1	4345	4778	4545	4556	4.76	cps
Lithium	6-1	3320390	3313301	3335459	3323050	0.34	cps
Magnesium	24-2	683	458	392	511	29.90	cps

LB Number : LB99397 Operator : Jaswal
 Lab Sample ID : PBW Instrumnet Name : P7
 Client Sample ID : PBW Dilution Factor : 1
 Date & Time Acquired :: 2018-11-26 16:46:35 DataFile Name : 038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	57	77	67	15.00	cps
Molybdenum	94-1	442	433	450	442	1.89	cps
Molybdenum	95-1	300	167	217	228	29.57	cps
Molybdenum	96-1	375	250	367	331	21.14	cps
Molybdenum	97-1	142	100	117	119	17.55	cps
Molybdenum	98-1	417	375	467	419	10.94	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	87	127	100	104	19.50	cps
Phosphorus	31-2	325	567	308	400	36.14	cps
Potassium	39-2	21850	23194	22017	22354	3.28	cps
Rhodium	103-1	10757292	10816945	10815390	10796542	0.31	cps
Rhodium	103-2	4839248	4868652	4906995	4871632	0.70	cps
Scandium	45-1	6938853	6976100	7038674	6984542	0.72	cps
Scandium	45-2	318412	318349	320772	319177	0.43	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	67	69	74	70	5.52	cps
Selenium	82-1	20	40	-25	12	281.71	cps
Silicon	28-1	240715	238590	239735	239680	0.44	cps
Silver	109-1	242	242	175	219	17.54	cps
Silver	107-1	325	283	275	294	9.10	cps
Sodium	23-2	16101	16218	16585	16301	1.55	cps
Strontium	86-1	1208	1233	1417	1286	8.85	cps
Strontium	88-1	217	283	167	222	26.34	cps
Sulfur	34-1	469122	473678	468609	470470	0.59	cps
Terbium	159-1	16374382	16439536	16563484	16459134	0.58	cps
Terbium	159-2	7457162	7491604	7518306	7489024	0.41	cps
Thallium	203-1	883	900	825	870	4.53	cps
Thallium	205-1	2184	2109	1992	2095	4.61	cps
Thorium	232-1	995	978	845	939	8.76	cps
Tin	118-1	1567	1558	1584	1570	0.81	cps
Titanium	47-1	150	108	133	131	16.06	cps
Uranium	238-1	125	150	125	133	10.82	cps
Vanadium	51-2	13	17	17	16	12.40	cps
Yttrium	89-1	11655439	11612908	11715235	11661194	0.44	cps
Yttrium	89-2	1591731	1590557	1619162	1600483	1.01	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	PBW	Instrumnet Name :	P7
Client Sample ID :	PBW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:46:35	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	433	450	330	404	16.07	cps
Zirconium	90-1	925	1025	867	939	8.53	cps
Zirconium	91-1	167	192	208	189	11.10	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1420436	1434292	1425400	1426709	0.49	cps
Antimony	121-1	6820272	6762326	6760372	6780990	0.50	cps
Arsenic	75-2	212695	211504	213401	212534	0.45	cps
Barium	135-1	8712122	8618566	8672536	8667741	0.54	cps
Barium	137-1	15255794	15176228	15317194	15249739	0.46	cps
Beryllium	9-1	1666869	1633932	1612048	1637617	1.69	cps
Bismuth	209-1	11173351	11215517	11230829	11206566	0.27	cps
Bismuth	209-2	5316376	5332157	5330254	5326262	0.16	cps
Boron	10-1	289070	289755	291461	290095	0.42	cps
Boron	11-1	1314603	1330794	1324966	1323454	0.62	cps
Cadmium	111-1	1895061	1861992	1858285	1871779	1.08	cps
Cadmium	106-1	225756	220919	220725	222467	1.28	cps
Cadmium	108-1	154741	151794	150033	152189	1.56	cps
Calcium	43-1	2057315	2004144	1969711	2010390	2.20	cps
Calcium	44-1	33278929	32462757	32121818	32621168	1.82	cps
Chromium	52-2	1929068	1939899	1926287	1931751	0.37	cps
Cobalt	59-2	3166041	3173497	3183714	3174417	0.28	cps
Copper	63-2	4385951	4409934	4427789	4407891	0.48	cps
Dysprosium	156-1	125	142	167	144	14.52	cps
Dysprosium	156-2	157	143	167	156	7.52	cps
Erbium	164-1	50	83	42	58	37.80	cps
Erbium	164-2	27	37	50	38	30.98	cps
Gadolinium	160-1	142	100	200	147	34.12	cps
Gadolinium	160-2	210	280	243	244	14.32	cps
Holmium	165-1	15865927	16033448	15874050	15924475	0.59	cps
Holmium	165-2	7321023	7295660	7304307	7306997	0.18	cps
Indium	115-1	10781720	10695267	10707217	10728068	0.44	cps
Indium	115-2	1904174	1903844	1902770	1903596	0.04	cps
Iron	56-2	87067288	86890183	86662846	86873439	0.23	cps
Iron	57-2	2107124	2106981	2118593	2110900	0.32	cps
Krypton	83-1	680	687	753	707	5.74	cps
Lead	206-1	7179931	7186971	7271657	7212853	0.71	cps
Lead	207-1	6584895	6566618	6643463	6598325	0.61	cps
Lead	208-1	29558624	29507909	29813829	29626787	0.55	cps
Lithium	6-1	3059826	2998707	2958731	3005755	1.69	cps
Magnesium	24-2	16716003	16680127	16714155	16703428	0.12	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2371543	2402399	2385753	2386565	0.65	cps
Molybdenum	94-1	13824761	13546295	13569498	13646851	1.13	cps
Molybdenum	95-1	16852276	16670805	16517279	16680120	1.01	cps
Molybdenum	96-1	18700446	18422207	18242077	18454910	1.25	cps
Molybdenum	97-1	10587450	10395986	10308875	10430770	1.37	cps
Molybdenum	98-1	27201202	26657985	26560166	26806451	1.29	cps
Neodymium	150-1	727	1080	807	871	21.27	cps
Neodymium	150-2	80	90	80	83	6.93	cps
Nickel	60-2	830624	836324	838050	834999	0.47	cps
Phosphorus	31-2	80065	80308	80383	80252	0.21	cps
Potassium	39-2	6945523	6955350	6944316	6948396	0.09	cps
Rhodium	103-1	9580658	9402838	9385727	9456408	1.14	cps
Rhodium	103-2	4252715	4245133	4257391	4251746	0.15	cps
Scandium	45-1	6286011	6188098	6140697	6204935	1.19	cps
Scandium	45-2	275139	276138	275505	275594	0.18	cps
Selenium	77-2	6098	6385	6378	6287	2.60	cps
Selenium	78-2	21635	21766	21403	21601	0.85	cps
Selenium	82-1	154891	149773	149852	151505	1.94	cps
Silicon	28-1	4778381	4713154	4684828	4725454	1.02	cps
Silver	109-1	9046438	8881208	8906473	8944706	1.00	cps
Silver	107-1	9419088	9305234	9231102	9318474	1.02	cps
Sodium	23-2	31384473	31357597	31279689	31340586	0.17	cps
Strontium	86-1	2215494	2175552	2165178	2185408	1.22	cps
Strontium	88-1	19495545	19220337	19108734	19274872	1.03	cps
Sulfur	34-1	1183410	1139600	1110718	1144576	3.20	cps
Terbium	159-1	16004299	16073435	16077546	16051760	0.26	cps
Terbium	159-2	7163637	7108161	7081557	7117785	0.59	cps
Thallium	203-1	8825638	8844272	8850192	8840034	0.14	cps
Thallium	205-1	21408220	21488160	21550795	21482392	0.33	cps
Thorium	232-1	34115576	34242514	34307660	34221917	0.29	cps
Tin	118-1	6064652	5991070	5979097	6011606	0.77	cps
Titanium	47-1	4489252	4381062	4305865	4392060	2.10	cps
Uranium	238-1	33655288	34025760	33804807	33828618	0.55	cps
Vanadium	51-2	1530857	1536555	1532039	1533150	0.20	cps
Yttrium	89-1	10754009	10643546	10568037	10655197	0.88	cps
Yttrium	89-2	1433098	1438383	1432040	1434507	0.24	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LCSW	Instrumnet Name :	P7
Client Sample ID :	LCSW	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:50:09	DataFile Name :	039LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	720379	721042	724750	722057	0.33	cps
Zirconium	90-1	11451862	11235569	11249948	11312460	1.07	cps
Zirconium	91-1	2511271	2457145	2449855	2472757	1.36	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2817	2867	3309	2998	9.03	cps
Antimony	121-1	28045	27878	26651	27525	2.77	cps
Arsenic	75-2	476	480	504	486	3.10	cps
Barium	135-1	33759	34251	34285	34098	0.86	cps
Barium	137-1	58608	59420	61143	59724	2.17	cps
Beryllium	9-1	3612	3389	3362	3454	3.97	cps
Bismuth	209-1	11590255	11791366	11778996	11720206	0.96	cps
Bismuth	209-2	5433756	5490381	5522424	5482187	0.82	cps
Boron	10-1	19096	18061	18804	18654	2.86	cps
Boron	11-1	84527	87596	88114	86746	2.23	cps
Cadmium	111-1	4584	4280	4124	4329	5.41	cps
Cadmium	106-1	5126	5059	5585	5257	5.44	cps
Cadmium	108-1	250	342	354	315	18.04	cps
Calcium	43-1	19973	20290	19822	20028	1.19	cps
Calcium	44-1	324729	325280	329713	326574	0.84	cps
Chromium	52-2	10114	9567	9710	9797	2.90	cps
Cobalt	59-2	7295	7108	6748	7051	3.94	cps
Copper	63-2	10194	10314	10084	10197	1.13	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	13	0	6	124.93	cps
Erbium	164-1	75	83	58	72	17.62	cps
Erbium	164-2	40	30	37	36	14.32	cps
Gadolinium	160-1	125	167	75	122	37.55	cps
Gadolinium	160-2	240	270	243	251	6.55	cps
Holmium	165-1	15681300	15821711	15964730	15822580	0.90	cps
Holmium	165-2	7240155	7303657	7277917	7273910	0.44	cps
Indium	115-1	11021504	11118644	11172621	11104257	0.69	cps
Indium	115-2	1968051	1990085	2000757	1986298	0.84	cps
Iron	56-2	185929	186950	187632	186837	0.46	cps
Iron	57-2	4845	4823	4812	4827	0.35	cps
Krypton	83-1	663	713	627	668	6.51	cps
Lead	206-1	15615	15559	15854	15676	1.00	cps
Lead	207-1	14464	14141	14364	14323	1.15	cps
Lead	208-1	64691	63800	65248	64580	1.13	cps
Lithium	6-1	2966898	2989849	2998168	2984972	0.54	cps
Magnesium	24-2	168243	169404	171058	169568	0.83	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2690	2690	2820	2734	2.75	cps
Molybdenum	94-1	27694	27469	28538	27900	2.02	cps
Molybdenum	95-1	33081	33557	35261	33966	3.37	cps
Molybdenum	96-1	38227	37317	38319	37954	1.46	cps
Molybdenum	97-1	21434	20040	21142	20872	3.52	cps
Molybdenum	98-1	55007	54388	54513	54636	0.60	cps
Neodymium	150-1	20	7	20	16	49.47	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	2150	2077	2147	2125	1.95	cps
Phosphorus	31-2	492	383	392	422	14.28	cps
Potassium	39-2	163593	164072	164461	164042	0.27	cps
Rhodium	103-1	9816416	10031826	10064799	9971014	1.35	cps
Rhodium	103-2	4463699	4484714	4499263	4482559	0.40	cps
Scandium	45-1	6115682	6207629	6238163	6187158	1.03	cps
Scandium	45-2	279712	281855	282834	281467	0.57	cps
Selenium	77-2	70	73	63	69	7.39	cps
Selenium	78-2	298	263	239	267	11.18	cps
Selenium	82-1	1607	1499	1649	1585	4.87	cps
Silicon	28-1	333247	331065	331116	331810	0.38	cps
Silver	109-1	18329	18646	18538	18504	0.87	cps
Silver	107-1	18563	18938	19639	19047	2.87	cps
Sodium	23-2	336675	334827	334365	335289	0.36	cps
Strontium	86-1	6143	5435	5410	5662	7.36	cps
Strontium	88-1	38887	39898	38612	39132	1.73	cps
Sulfur	34-1	380030	379303	380501	379944	0.16	cps
Terbium	159-1	15749547	16014660	16148526	15970911	1.27	cps
Terbium	159-2	7129002	7108606	7168407	7135338	0.43	cps
Thallium	203-1	19173	18922	17913	18669	3.57	cps
Thallium	205-1	45303	45044	45821	45389	0.87	cps
Thorium	232-1	66625	68445	68294	67788	1.49	cps
Tin	118-1	61586	60782	60020	60796	1.29	cps
Titanium	47-1	8269	8961	9178	8803	5.39	cps
Uranium	238-1	66236	66789	66898	66641	0.53	cps
Vanadium	51-2	15625	15181	15415	15407	1.44	cps
Yttrium	89-1	10574594	10779309	10851206	10735036	1.34	cps
Yttrium	89-2	1445575	1447461	1459192	1450743	0.51	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-SOIL	Instrumnet Name :	P7
Client Sample ID :	LLOQ-SOIL	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 16:57:18	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2254	2067	2147	2156	4.35	cps
Zirconium	90-1	22952	23854	24338	23715	2.97	cps
Zirconium	91-1	5576	5001	5201	5260	5.55	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3159	3192	3292	3214	2.16	cps
Antimony	121-1	26559	26785	25340	26228	2.96	cps
Arsenic	75-2	454	415	439	436	4.50	cps
Barium	135-1	33667	33800	33391	33619	0.62	cps
Barium	137-1	58457	59051	59277	58929	0.72	cps
Beryllium	9-1	3539	3862	3567	3656	4.88	cps
Bismuth	209-1	12076332	12143161	12139857	12119783	0.31	cps
Bismuth	209-2	5701497	5795335	5784441	5760424	0.89	cps
Boron	10-1	16393	16435	16076	16301	1.20	cps
Boron	11-1	74643	75932	76997	75858	1.55	cps
Cadmium	111-1	4192	4299	4285	4259	1.36	cps
Cadmium	106-1	5418	5435	5276	5376	1.62	cps
Cadmium	108-1	375	308	329	338	10.11	cps
Calcium	43-1	20390	20056	21016	20487	2.38	cps
Calcium	44-1	337266	335239	334683	335730	0.40	cps
Chromium	52-2	10067	10047	9727	9947	1.92	cps
Cobalt	59-2	7078	7489	7142	7236	3.05	cps
Copper	63-2	10270	10581	10277	10376	1.71	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	83	83	83	83	0.00	cps
Erbium	164-2	50	43	33	42	19.87	cps
Gadolinium	160-1	167	125	125	139	17.32	cps
Gadolinium	160-2	260	273	243	259	5.81	cps
Holmium	165-1	16422675	16620768	16541988	16528477	0.60	cps
Holmium	165-2	7603838	7756577	7718692	7693036	1.03	cps
Indium	115-1	11901764	11874332	11965155	11913750	0.39	cps
Indium	115-2	2133809	2165444	2185461	2161571	1.20	cps
Iron	56-2	191937	189731	190069	190579	0.62	cps
Iron	57-2	4740	4873	4801	4805	1.39	cps
Krypton	83-1	903	767	800	823	8.66	cps
Lead	206-1	14341	14475	14442	14419	0.48	cps
Lead	207-1	13490	13263	13385	13379	0.85	cps
Lead	208-1	60361	59933	59392	59895	0.81	cps
Lithium	6-1	3337111	3337963	3336282	3337119	0.03	cps
Magnesium	24-2	173617	176198	172867	174228	1.00	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:20:50	DataFile Name :	045LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2734	2647	2717	2699	1.70	cps
Molybdenum	94-1	28128	27778	27344	27750	1.42	cps
Molybdenum	95-1	33005	32488	33273	32922	1.21	cps
Molybdenum	96-1	37893	38277	38177	38116	0.52	cps
Molybdenum	97-1	20465	20766	20399	20543	0.95	cps
Molybdenum	98-1	54614	54071	52882	53856	1.64	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	2134	1990	2117	2080	3.77	cps
Phosphorus	31-2	308	517	367	397	27.06	cps
Potassium	39-2	172725	173274	170545	172182	0.84	cps
Rhodium	103-1	10826490	10914430	10793235	10844718	0.58	cps
Rhodium	103-2	4844455	4879995	4933200	4885883	0.91	cps
Scandium	45-1	6981855	7012981	6995124	6996653	0.22	cps
Scandium	45-2	315488	322367	321317	319724	1.16	cps
Selenium	77-2	80	50	77	69	23.87	cps
Selenium	78-2	270	293	357	307	14.74	cps
Selenium	82-1	1478	1621	1443	1514	6.22	cps
Silicon	28-1	348741	347856	349711	348769	0.27	cps
Silver	109-1	18121	18780	18713	18538	1.96	cps
Silver	107-1	20574	18746	18313	19211	6.25	cps
Sodium	23-2	342512	337238	340739	340163	0.79	cps
Strontium	86-1	5760	6310	5501	5857	7.05	cps
Strontium	88-1	39556	38419	39639	39205	1.74	cps
Sulfur	34-1	464496	461605	460141	462081	0.48	cps
Terbium	159-1	16756010	16795851	16840594	16797485	0.25	cps
Terbium	159-2	7478653	7569565	7594080	7547433	0.81	cps
Thallium	203-1	17312	17829	17829	17657	1.69	cps
Thallium	205-1	42628	41190	42695	42171	2.02	cps
Thorium	232-1	61936	61042	60858	61278	0.94	cps
Tin	118-1	61083	58992	58045	59373	2.62	cps
Titanium	47-1	9278	9370	9353	9334	0.52	cps
Uranium	238-1	62174	61437	60206	61273	1.62	cps
Vanadium	51-2	16132	16099	16049	16093	0.26	cps
Yttrium	89-1	11725474	11774050	11780778	11760101	0.26	cps
Yttrium	89-2	1589672	1608330	1619990	1605998	0.95	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	LLOQ-WATER	Instrumnet Name :	P7
Client Sample ID :	LLOQ-WATER	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:20:50	DataFile Name :	045LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2150	2177	2127	2151	1.16	cps
Zirconium	90-1	24104	23620	23103	23609	2.12	cps
Zirconium	91-1	5668	5385	5201	5418	4.34	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:24:25	DataFile Name :	046CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7296436	7289056	7383117	7322870	0.71	cps
Antimony	121-1	6623011	6675480	6689248	6662580	0.52	cps
Arsenic	75-2	199950	201280	202964	201398	0.75	cps
Barium	135-1	8281357	8294078	8349548	8308328	0.44	cps
Barium	137-1	14504113	14634624	14612338	14583692	0.48	cps
Beryllium	9-1	1554581	1557463	1573372	1561805	0.65	cps
Bismuth	209-1	10178286	10222205	10321325	10240606	0.72	cps
Bismuth	209-2	4807840	4839586	4864060	4837162	0.58	cps
Boron	10-1	276072	280886	285475	280811	1.67	cps
Boron	11-1	1264903	1286465	1301083	1284150	1.42	cps
Cadmium	111-1	1827347	1838102	1844242	1836564	0.47	cps
Cadmium	106-1	217826	217352	219189	218122	0.44	cps
Cadmium	108-1	150001	148219	149381	149200	0.61	cps
Calcium	43-1	9571789	9605850	9705434	9627691	0.72	cps
Calcium	44-1	156239916	156752199	158315020	157102379	0.69	cps
Chromium	52-2	2014255	2016748	2031448	2020817	0.46	cps
Cobalt	59-2	3107553	3140133	3156846	3134844	0.80	cps
Copper	63-2	4466919	4507376	4520262	4498186	0.62	cps
Dysprosium	156-1	217	192	225	211	8.22	cps
Dysprosium	156-2	167	163	140	157	9.28	cps
Erbium	164-1	67	58	58	61	7.87	cps
Erbium	164-2	40	30	17	29	40.51	cps
Gadolinium	160-1	117	192	158	156	24.16	cps
Gadolinium	160-2	227	280	237	248	11.44	cps
Holmium	165-1	15501711	15643305	15778353	15641123	0.88	cps
Holmium	165-2	7244243	7226122	7233068	7234477	0.13	cps
Indium	115-1	10026891	10185525	10243804	10152074	1.11	cps
Indium	115-2	1854601	1870381	1876721	1867234	0.61	cps
Iron	56-2	423000454	424629221	425756965	424462213	0.33	cps
Iron	57-2	10355322	10395615	10453399	10401445	0.47	cps
Krypton	83-1	687	747	730	721	4.30	cps
Lead	206-1	6726135	6781324	6805857	6771105	0.60	cps
Lead	207-1	5858533	6202239	5918448	5993073	3.06	cps
Lead	208-1	27273518	27829866	27699119	27600834	1.05	cps
Lithium	6-1	2929546	2938289	2982576	2950137	0.96	cps
Magnesium	24-2	83821331	83955894	84648641	84141955	0.53	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2018-11-26 17:24:25	DataFile Name :	046CCV0.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2383366	2399291	2392752	2391803	0.33	cps
Molybdenum	94-1	13085920	13178114	13259094	13174376	0.66	cps
Molybdenum	95-1	16099784	16144827	16320708	16188440	0.72	cps
Molybdenum	96-1	17825725	17891072	18125276	17947358	0.88	cps
Molybdenum	97-1	10067724	10130855	10281886	10160155	1.08	cps
Molybdenum	98-1	25797520	25979318	26328909	26035249	1.04	cps
Neodymium	150-1	900	720	767	796	11.74	cps
Neodymium	150-2	120	123	100	114	11.03	cps
Nickel	60-2	819421	824605	827238	823754	0.48	cps
Phosphorus	31-2	81011	80961	79546	80506	1.03	cps
Potassium	39-2	35342359	35530453	35531942	35468251	0.31	cps
Rhodium	103-1	8592392	8674310	8814061	8693588	1.29	cps
Rhodium	103-2	3997725	4028699	4026705	4017710	0.43	cps
Scandium	45-1	6110908	6126001	6177834	6138248	0.57	cps
Scandium	45-2	286377	287867	290049	288098	0.64	cps
Selenium	77-2	5981	6195	6245	6140	2.28	cps
Selenium	78-2	21138	20960	21321	21140	0.86	cps
Selenium	82-1	140380	140216	139221	139939	0.45	cps
Silicon	28-1	4729189	4866944	4959648	4851927	2.39	cps
Silver	109-1	7983300	7949203	8069124	8000542	0.77	cps
Silver	107-1	8239705	8283920	8389078	8304234	0.92	cps
Sodium	23-2	158797849	159427374	159986395	159403873	0.37	cps
Strontium	86-1	2094468	2095127	2124224	2104607	0.81	cps
Strontium	88-1	18494886	18655148	18733649	18627895	0.65	cps
Sulfur	34-1	1128422	1130795	1124083	1127767	0.30	cps
Terbium	159-1	15522289	15691514	15787655	15667153	0.86	cps
Terbium	159-2	7051617	7058354	7022492	7044154	0.27	cps
Thallium	203-1	8222539	8311303	8294289	8276044	0.57	cps
Thallium	205-1	19929637	20228040	20105784	20087820	0.75	cps
Thorium	232-1	33100365	33305989	33211786	33206047	0.31	cps
Tin	118-1	5454986	5485927	5459632	5466848	0.31	cps
Titanium	47-1	4299753	4301045	4334756	4311851	0.46	cps
Uranium	238-1	32840000	33185618	32975668	33000429	0.53	cps
Vanadium	51-2	1579159	1582069	1586312	1582513	0.23	cps
Yttrium	89-1	10321451	10410662	10533671	10421928	1.02	cps
Yttrium	89-2	1436134	1451740	1458733	1448869	0.80	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	763262	765307	769441	766003	0.41	cps
Zirconium	90-1	10917046	10949015	11085960	10984007	0.82	cps
Zirconium	91-1	2392938	2405620	2414121	2404226	0.44	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	158	133	18.75	cps
Antimony	121-1	1492	1375	1400	1422	4.32	cps
Arsenic	75-2	15	15	19	16	13.35	cps
Barium	135-1	133	192	158	161	18.17	cps
Barium	137-1	225	267	275	256	10.48	cps
Beryllium	9-1	139	117	211	156	31.74	cps
Bismuth	209-1	11993135	12088811	11944291	12008746	0.61	cps
Bismuth	209-2	5660464	5697332	5735031	5697609	0.65	cps
Boron	10-1	3734	4001	3551	3762	6.02	cps
Boron	11-1	17895	17819	16768	17494	3.60	cps
Cadmium	111-1	542	571	589	568	4.19	cps
Cadmium	106-1	5084	5093	5143	5107	0.62	cps
Cadmium	108-1	29	13	0	14	105.36	cps
Calcium	43-1	300	292	250	281	9.55	cps
Calcium	44-1	7319	7019	7886	7408	5.95	cps
Chromium	52-2	1197	1107	1207	1170	4.71	cps
Cobalt	59-2	137	150	113	133	13.92	cps
Copper	63-2	440	430	357	409	11.13	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	25	100	33	53	77.89	cps
Erbium	164-2	23	27	17	22	22.91	cps
Gadolinium	160-1	142	108	142	131	14.74	cps
Gadolinium	160-2	277	240	250	256	7.42	cps
Holmium	165-1	16321042	16506031	16327113	16384728	0.64	cps
Holmium	165-2	7648222	7635692	7592078	7625331	0.39	cps
Indium	115-1	11572008	11686275	11653622	11637302	0.51	cps
Indium	115-2	2117205	2121992	2140205	2126467	0.57	cps
Iron	56-2	13697	13596	14441	13911	3.32	cps
Iron	57-2	350	300	333	328	7.77	cps
Krypton	83-1	740	717	810	756	6.43	cps
Lead	206-1	1139	1067	1378	1195	13.63	cps
Lead	207-1	1145	1150	989	1095	8.36	cps
Lead	208-1	4889	4923	4989	4934	1.03	cps
Lithium	6-1	3241385	3240221	3244399	3242002	0.07	cps
Magnesium	24-2	1650	1725	1992	1789	10.04	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	93	103	88	21.59	cps
Molybdenum	94-1	958	950	792	900	10.43	cps
Molybdenum	95-1	1075	825	750	883	19.27	cps
Molybdenum	96-1	917	1108	1075	1033	9.91	cps
Molybdenum	97-1	592	475	417	494	18.02	cps
Molybdenum	98-1	1400	1100	1183	1228	12.61	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	110	133	110	118	11.44	cps
Phosphorus	31-2	392	375	433	400	7.51	cps
Potassium	39-2	22276	23377	23127	22927	2.52	cps
Rhodium	103-1	10421618	10569264	10487253	10492712	0.71	cps
Rhodium	103-2	4759592	4809917	4791071	4786860	0.53	cps
Scandium	45-1	6715054	6745317	6750418	6736929	0.28	cps
Scandium	45-2	308469	306774	311399	308881	0.76	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	67	65	54	62	11.36	cps
Selenium	82-1	9	17	-75	-16	-311.00	cps
Silicon	28-1	226693	224242	224966	225300	0.56	cps
Silver	109-1	342	292	4761	1798	142.71	cps
Silver	107-1	450	300	383	378	19.89	cps
Sodium	23-2	27484	27760	27643	27629	0.50	cps
Strontium	86-1	1167	1208	1225	1200	2.50	cps
Strontium	88-1	342	417	408	389	10.57	cps
Sulfur	34-1	429033	432465	432480	431326	0.46	cps
Terbium	159-1	16486286	16477371	16569161	16510939	0.31	cps
Terbium	159-2	7508282	7427095	7452991	7462789	0.56	cps
Thallium	203-1	983	1108	1050	1047	5.97	cps
Thallium	205-1	2642	2784	2634	2686	3.14	cps
Thorium	232-1	10282	8425	7675	8794	15.26	cps
Tin	118-1	2284	2167	2017	2156	6.20	cps
Titanium	47-1	125	125	167	139	17.32	cps
Uranium	238-1	567	650	675	631	9.00	cps
Vanadium	51-2	23	27	33	28	18.33	cps
Yttrium	89-1	11338894	11427598	11372881	11379791	0.39	cps
Yttrium	89-2	1556585	1568121	1569269	1564658	0.45	cps

LB Number :	LB99397	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
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Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	373	430	430	411	7.96	cps
Zirconium	90-1	1450	1458	1625	1511	6.53	cps
Zirconium	91-1	350	350	342	347	1.39	cps