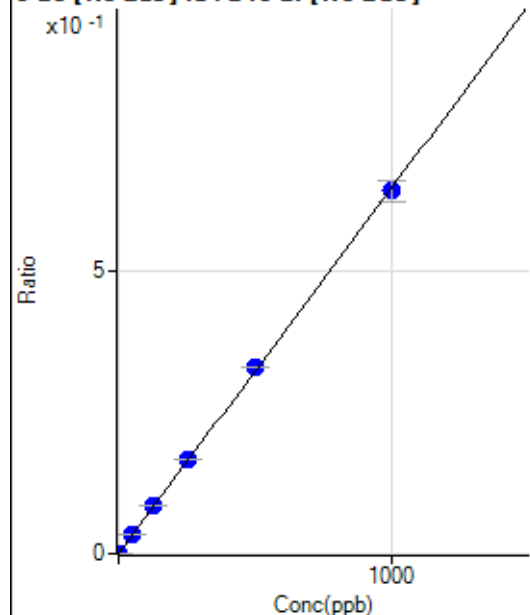


Batch Folder: D:\ICP-MS Data\P7070819.b\
Analysis File: P7070819.batch.bin
DA Date-Time: 2019-07-08 18:31:45
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-07-08 15:02:57
2			
3	005CAL.S.d	S02	2019-07-08 15:10:50
4	006CAL.S.d	S03	2019-07-08 15:14:46
5	007CAL.S.d	S04	2019-07-08 15:18:43
6	008CAL.S.d	S05	2019-07-08 15:22:38
7	009CAL.S.d	S06	2019-07-08 15:26:30
8	010CAL.S.d	S07	2019-07-08 15:30:21
9	011CAL.S.d	S08	2019-07-08 15:34:09

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	82.22	0.0001	P	4.5
2	☐	0.100					
3	☐	1.000	1.010	1188.96	0.0007	P	4.9
4	☐	50.000	52.438	56348.56	0.0339	P	0.9
5	☐	125.000	130.328	135833.78	0.0842	P	0.4
6	☐	250.000	258.397	267470.94	0.1669	P	0.7
7	☐	500.000	508.545	533414.20	0.3285	P	0.1
8	☐	1000.000	992.840	1063212.76	0.6413	P	6.1
9	☐			197.78	0.0001	P	6.1

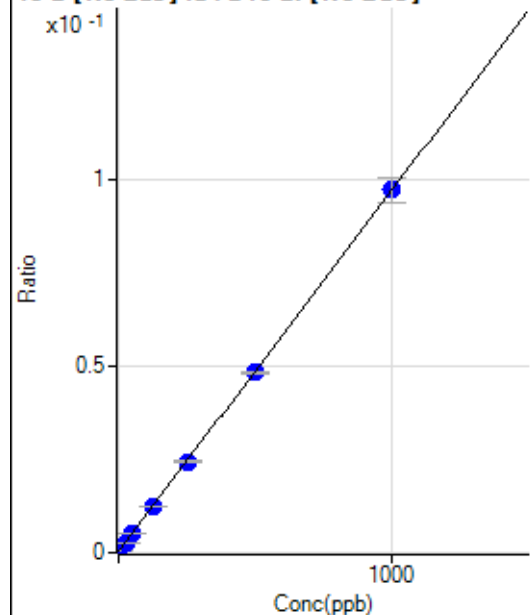
$$y = 6.4583\text{E-}004 * x + 5.2078\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.01097$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	516.69	0.0003	P	11.3
2	☐	2.500					
3	☐	25.000	22.863	4278.55	0.0025	P	4.0
4	☐	50.000	49.167	8427.67	0.0051	P	3.2
5	☐	125.000	125.773	20108.54	0.0125	P	1.3
6	☐	250.000	249.072	39048.47	0.0244	P	2.0
7	☐	500.000	495.947	78275.04	0.0482	P	0.5
8	☐	1000.000	1002.257	160939.80	0.0971	P	6.6
9	☐			10823.70	0.0073	P	4.8

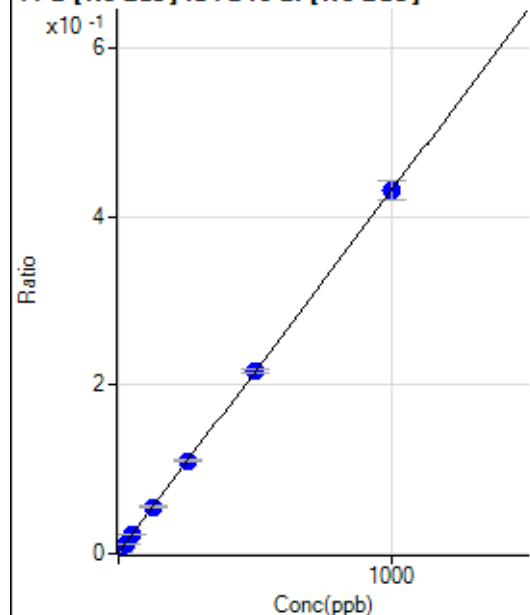
$$y = 9.6532\text{E-}005 * x + 3.2731\text{E-}004$$

$$R = 1.0000$$

$$DL = 1.152$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2330.81	0.0015	P	4.4
2	☐	2.500					
3	☐	25.000	24.244	20072.38	0.0119	P	3.0
4	☐	50.000	49.581	37845.47	0.0228	P	1.9
5	☐	125.000	126.161	89800.19	0.0557	P	3.1
6	☐	250.000	252.076	175907.12	0.1098	P	1.9
7	☐	500.000	501.281	352123.61	0.2169	P	2.1
8	☐	1000.000	998.735	714192.49	0.4306	P	5.3
9	☐			48701.68	0.0330	P	4.8

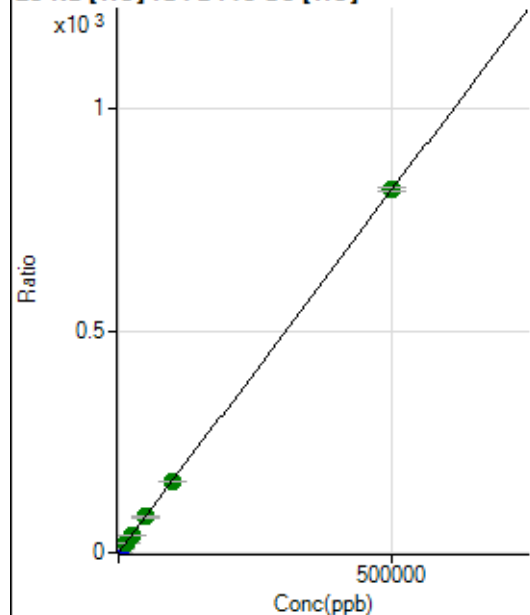
$$y = 4.2967\text{E-}004 * x + 0.0015$$

$$R = 1.0000$$

$$DL = 0.4518$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	10707.03	0.0773	P	3.5
2	☐	50.000					
3	☐	500.000	511.234	132404.30	0.9119	P	1.0
4	☐	5000.000	5136.590	1218179.80	8.4630	P	0.9
5	☐	12500.000	12566.175	2887254.32	20.5920	A	1.4
6	☐	25000.000	24815.563	5785779.25	40.5895	A	0.2
7	☐	50000.000	49261.739	11646509.81	80.4986	A	1.0
8	☐	100000.00	97706.299	23638126.92	159.5858	A	1.7
9	☐	500000.00	500538.75	110681016.3	817.2217	A	0.9

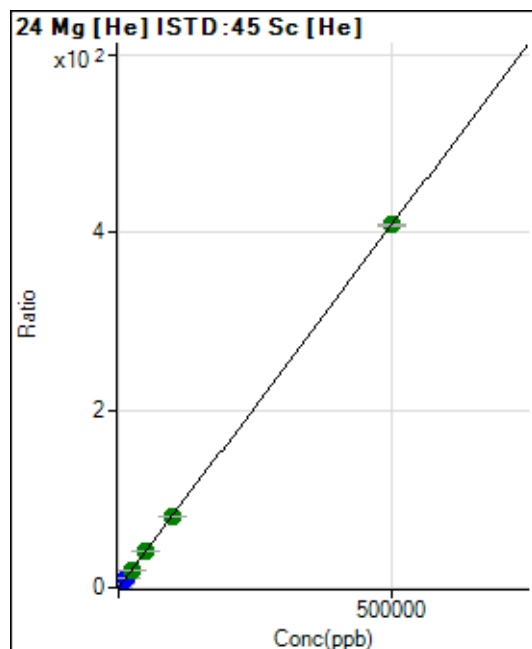
$$y = 0.0016 * x + 0.0773$$

$$R = 1.0000$$

$$DL = 4.998$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	75.00	0.0005	P	23.0
2	☐	50.000					
3	☐	500.000	533.459	63387.53	0.4366	P	1.1
4	☐	5000.000	5224.683	614771.16	4.2712	P	1.5
5	☐	12500.000	12802.235	1467333.06	10.4651	P	1.7
6	☐	25000.000	25072.670	2921452.17	20.4949	A	0.2
7	☐	50000.000	49522.598	5856370.66	40.4802	A	1.5
8	☐	100000.00	98630.699	11942508.16	80.6211	A	1.2
9	☐	500000.00	500308.13	55388572.07	408.9514	A	0.6

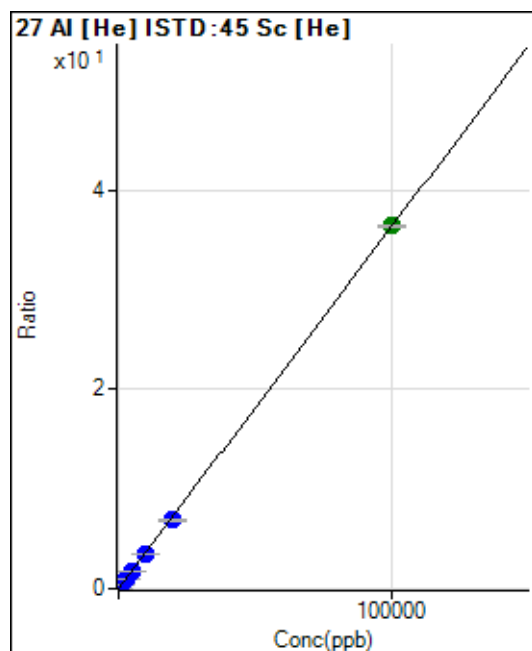
$$y = 8.1740\text{E-}004 * x + 5.4268\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4583$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0002	P	25.2
2	☐	2.000					
3	☐	20.000	19.755	1075.09	0.0074	P	17.8
4	☐	1000.000	983.750	51444.92	0.3573	P	1.4
5	☐	2500.000	2491.914	126875.71	0.9048	P	1.5
6	☐	5000.000	4820.333	249455.43	1.7500	P	0.0
7	☐	10000.000	9549.009	501533.71	3.4665	P	1.1
8	☐	20000.000	18887.953	1015815.08	6.8565	P	0.5
9	☐	100000.00	100276.85	4930019.68	36.4006	A	0.6

$$y = 3.6300\text{E-}004 * x + 2.4088\text{E-}004$$

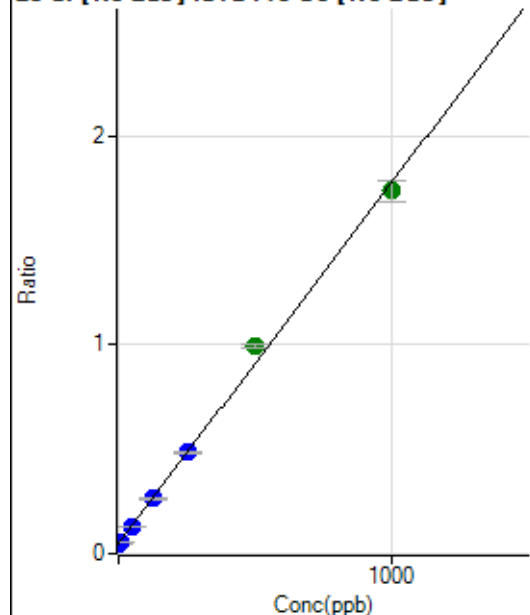
$$R = 0.9999$$

$$DL = 0.502$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	127496.95	0.0498	P	0.7
2	☐	1.000					
3	☐	10.000	4.995	155127.03	0.0584	P	2.4
4	☐	50.000	46.522	339855.53	0.1301	P	3.1
5	☐	125.000	123.559	663020.30	0.2630	P	0.9
6	☐	250.000	252.912	1226974.42	0.4862	P	2.1
7	☐	500.000	544.859	2558381.59	0.9899	A	1.9
8	☐	1000.000	977.247	4624308.09	1.7360	A	6.1
9	☐			171788.92	0.0736	P	2.5

$$y = 0.0017 * x + 0.0498$$

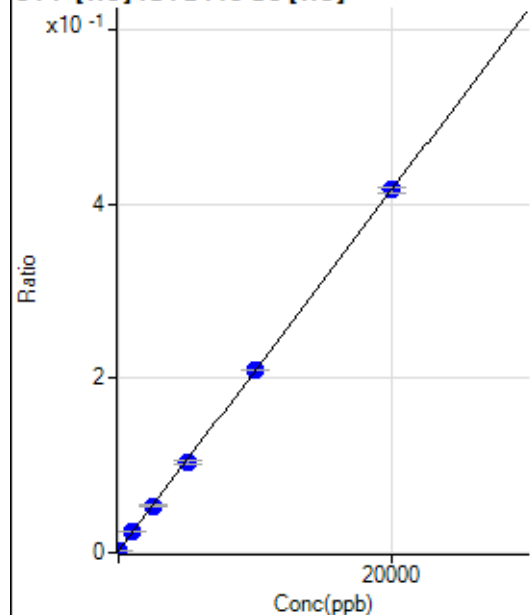
$$R = 0.9984$$

$$DL = 0.596$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-25.684	250.01	0.0018	P	14.5
2	☐	0.000					
3	☐	0.000	25.684	416.69	0.0029	P	15.3
4	☐	1000.000	1032.520	3414.41	0.0237	P	2.8
5	☐	2500.000	2486.731	7552.23	0.0538	P	1.9
6	☐	5000.000	4931.769	14896.91	0.1045	P	3.9
7	☐	10000.000	10008.987	30334.32	0.2097	P	0.8
8	☐	20000.000	20012.597	61753.31	0.4169	P	1.5
9	☐			252.79	0.0019	P	30.7

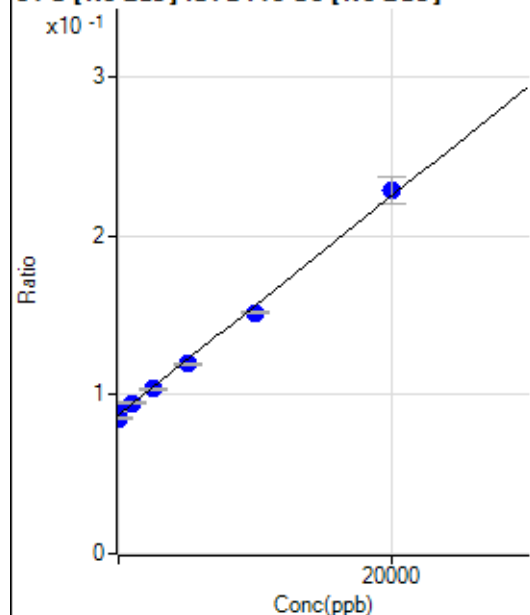
$$y = 2.0714E-005 * x + 0.0023$$

$$R = 1.0000$$

$$DL = 50.73$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	321.345	229452.83	0.0896	P	0.7
2	☐	0.000					
3	☐	0.000	-321.345	226233.73	0.0852	P	2.2
4	☐	1000.000	1051.760	247353.47	0.0946	P	1.1
5	☐	2500.000	2334.986	260839.73	0.1035	P	1.0
6	☐	5000.000	4644.636	301284.34	0.1194	P	0.8
7	☐	10000.000	9306.950	391466.26	0.1515	P	0.8
8	☐	20000.000	20453.405	607550.08	0.2282	P	7.3
9	☐			170859.44	0.0732	P	3.2

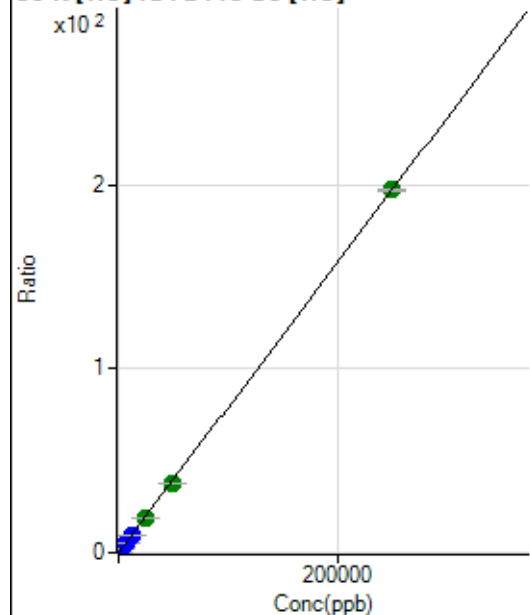
$$y = 6.8844\text{E-}006 * x + 0.0874$$

$$R = 0.9986$$

$$DL = 539.8$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	15847.90	0.1145	P	2.1
2	☐	50.000					
3	☐	500.000	487.040	72225.92	0.4975	P	2.4
4	☐	2500.000	2509.618	300493.14	2.0878	P	2.0
5	☐	6250.000	6290.807	709594.62	5.0610	P	2.0
6	☐	12500.000	12196.392	1383327.23	9.7045	P	0.3
7	☐	25000.000	24063.016	2754010.98	19.0353	A	1.0
8	☐	50000.000	47518.711	5551328.94	37.4785	A	1.8
9	☐	250000.00	250604.04	26704211.71	197.1649	A	0.5

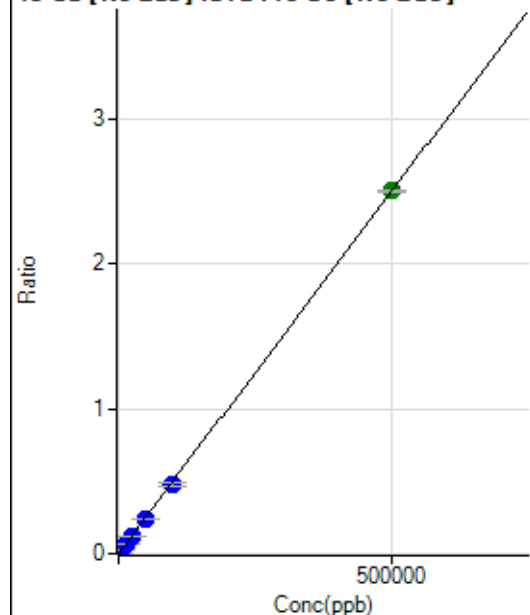
$$y = 7.8630\text{E-}004 * x + 0.1145$$

$$R = 0.9999$$

$$DL = 9.118$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	108.34	0.0000	P	32.9
2	☐	50.000					
3	☐	500.000	460.782	6226.54	0.0023	P	2.8
4	☐	5000.000	4945.490	64688.91	0.0248	P	1.8
5	☐	12500.000	12369.468	155911.11	0.0618	P	0.7
6	☐	25000.000	24814.618	313013.06	0.1240	P	0.9
7	☐	50000.000	48930.383	631953.82	0.2445	P	0.5
8	☐	100000.00	95944.118	1276333.09	0.4794	P	7.3
9	☐	500000.00	500931.25	5838372.18	2.5028	A	0.8

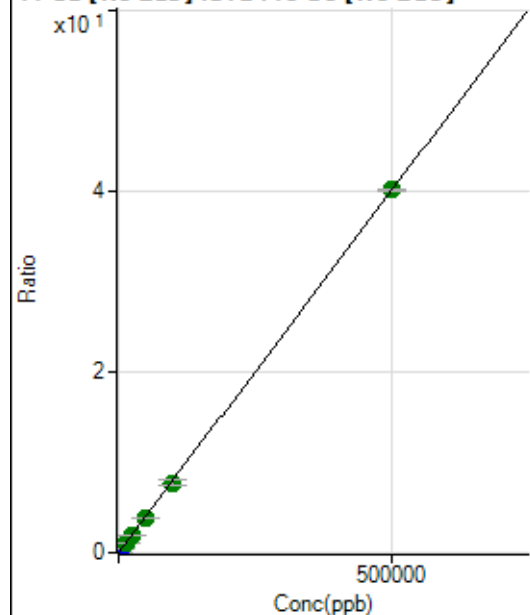
$$y = 4.9962\text{E-}006 * x + 4.2223\text{E-}005$$

$$R = 1.0000$$

$$DL = 8.334$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	7994.16	0.0031	P	4.3
2	☐	50.000					
3	☐	500.000	471.525	108624.76	0.0409	P	2.5
4	☐	5000.000	4802.948	1013888.50	0.3879	P	1.3
5	☐	12500.000	12160.707	2464075.55	0.9774	A	0.3
6	☐	25000.000	24206.391	4902428.49	1.9424	A	0.5
7	☐	50000.000	48279.601	10004966.46	3.8710	A	0.2
8	☐	100000.00	96197.340	20528099.59	7.7099	A	7.1
9	☐	500000.00	500982.73	93633900.01	40.1390	A	0.5

$$y = 8.0114\text{E-}005 * x + 0.0031$$

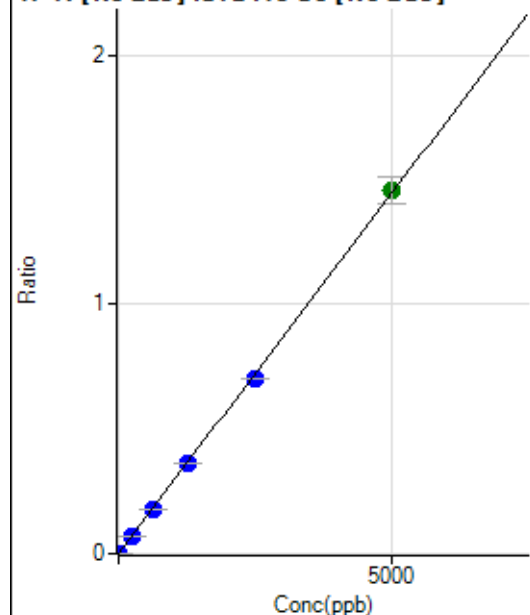
$$R = 1.0000$$

$$DL = 5.025$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	27.9
2	☐	0.500					
3	☐	5.000	3.824	2997.65	0.0011	P	7.0
4	☐	250.000	250.188	189220.49	0.0724	P	1.3
5	☐	625.000	624.500	455458.47	0.1807	P	0.6
6	☐	1250.000	1252.403	914359.96	0.3623	P	0.8
7	☐	2500.000	2428.494	1815618.49	0.7025	P	0.5
8	☐	5000.000	5035.206	3877253.60	1.4565	A	7.5
9	☐			708.38	0.0003	P	14.2

$$y = 2.8925E-004 * x + 2.2748E-005$$

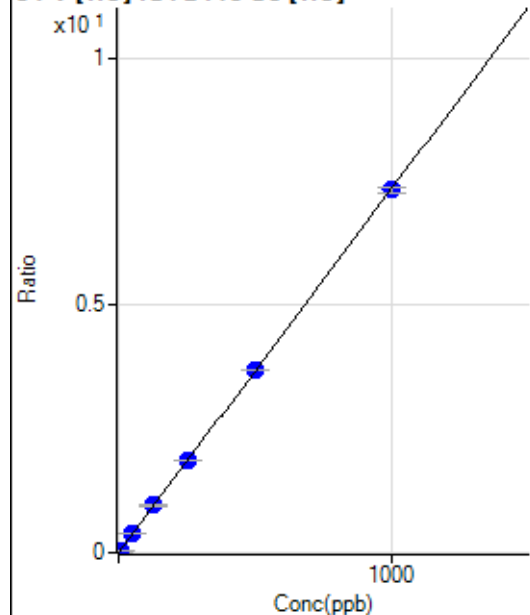
$$R = 0.9998$$

$$DL = 0.0659$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	12.22	0.0001	P	42.3
2	☐	0.500					
3	☐	5.000	5.300	5671.17	0.0391	P	2.0
4	☐	50.000	51.195	54204.84	0.3766	P	1.5
5	☐	125.000	129.561	133607.31	0.9529	P	1.4
6	☐	250.000	253.470	265719.13	1.8641	P	0.6
7	☐	500.000	502.377	534564.41	3.6946	P	0.5
8	☐	1000.000	997.313	1086460.16	7.3345	P	1.3
9	☐			184.45	0.0014	P	19.2

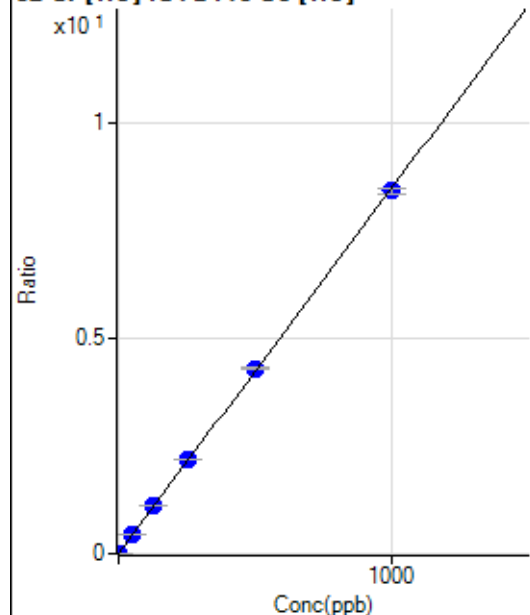
$$y = 0.0074 * x + 8.8564E-005$$

$$R = 1.0000$$

$$DL = 0.01529$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	427.79	0.0031	P	2.4
2	☐	0.200					
3	☐	2.000	2.132	3077.03	0.0212	P	5.5
4	☐	50.000	51.772	63686.97	0.4425	P	2.0
5	☐	125.000	131.009	156345.86	1.1150	P	0.9
6	☐	250.000	257.323	311743.03	2.1871	P	1.1
7	☐	500.000	507.915	624173.30	4.3139	P	0.4
8	☐	1000.000	993.372	1249292.83	8.4341	P	1.6
9	☐			11847.14	0.0875	P	1.7

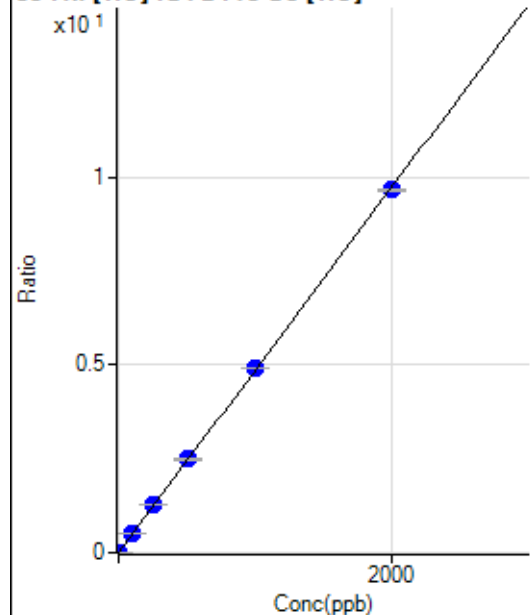
$$y = 0.0085 * x + 0.0031$$

$$R = 0.9999$$

$$DL = 0.02593$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	30.00	0.0002	P	10.2
2	☐	0.100					
3	☐	1.000	1.071	786.70	0.0054	P	5.4
4	☐	100.000	103.842	72661.57	0.5048	P	2.0
5	☐	250.000	262.980	179216.72	1.2782	P	1.7
6	☐	500.000	512.793	355237.03	2.4922	P	0.9
7	☐	1000.000	1015.038	713742.18	4.9329	P	0.2
8	☐	2000.000	1987.468	1430804.60	9.6585	P	0.8
9	☐			3654.96	0.0270	P	2.4

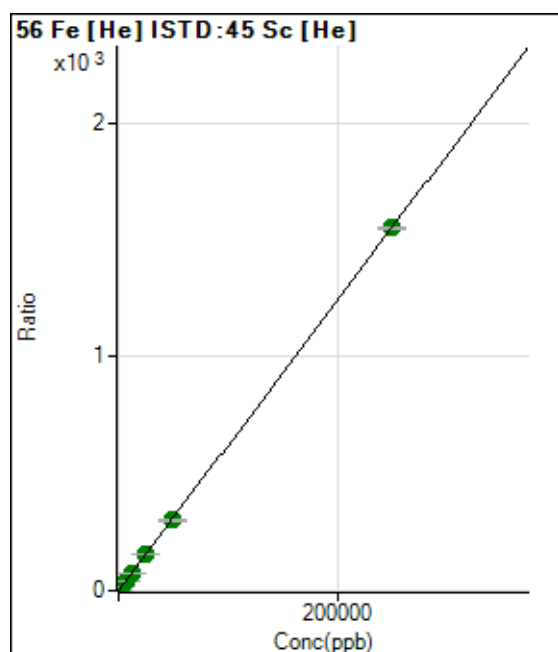
$$y = 0.0049 * x + 2.1662E-004$$

$$R = 0.9999$$

$$DL = 0.01359$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2544.74	0.0184	P	7.4
2	☐	5.000					
3	☐	50.000	56.823	53759.60	0.3703	P	0.8
4	☐	2500.000	2517.739	2246728.29	15.6093	A	1.4
5	☐	6250.000	6359.081	5524018.76	39.3964	A	1.1
6	☐	12500.000	12471.553	11011452.10	77.2474	A	0.7
7	☐	25000.000	24684.238	22117348.64	152.8733	A	1.0
8	☐	50000.000	48709.536	44679828.78	301.6478	A	1.8
9	☐	250000.00	250288.18	209931330.6	1,549.905	A	0.3

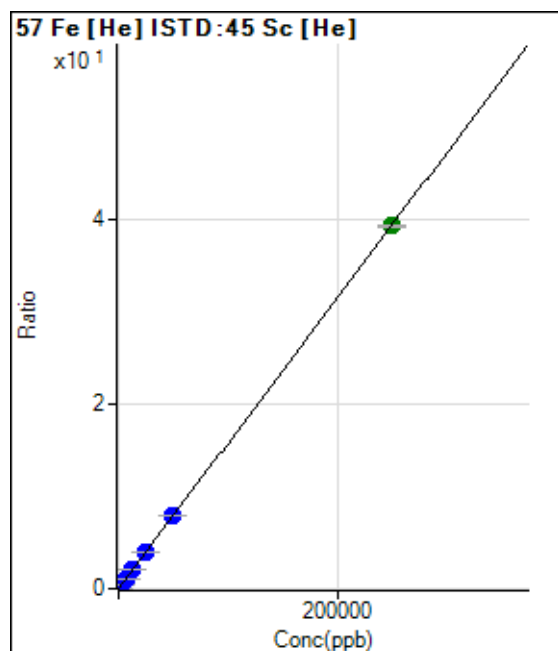
$$y = 0.0062 * x + 0.0184$$

$$R = 1.0000$$

$$DL = 0.6613$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	190.75	0.0014	P	22.6
2	☐	5.000					
3	☐	50.000	55.237	1464.93	0.0101	P	4.4
4	☐	2500.000	2605.171	59314.37	0.4121	P	1.9
5	☐	6250.000	6622.456	146587.33	1.0455	P	2.1
6	☐	12500.000	12900.059	290104.06	2.0352	P	0.4
7	☐	25000.000	25500.542	581934.58	4.0218	P	0.3
8	☐	50000.000	50185.561	1172356.78	7.9136	P	1.3
9	☐	250000.00	249882.46	5336034.43	39.3977	A	0.6

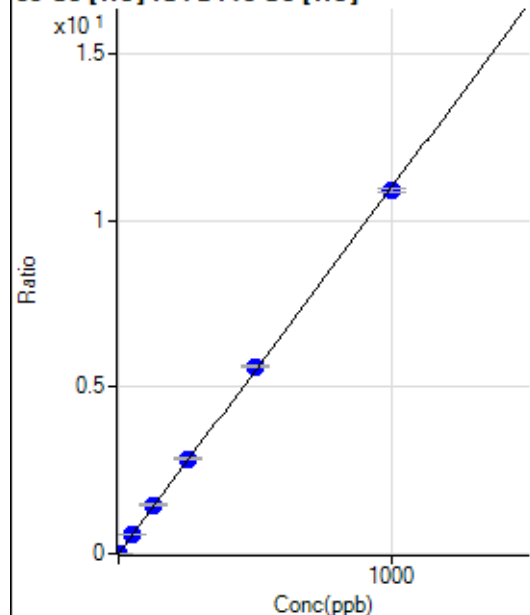
$$y = 1.5766E-004 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 5.947$$

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	60.00	0.0004	P	19.9
2	☐	0.100					
3	☐	1.000	1.070	1771.25	0.0122	P	4.6
4	☐	50.000	52.378	82982.97	0.5765	P	1.6
5	☐	125.000	133.470	205908.68	1.4684	P	1.0
6	☐	250.000	259.331	406630.76	2.8528	P	1.1
7	☐	500.000	511.624	814250.51	5.6277	P	0.4
8	☐	1000.000	990.678	1614161.30	10.8967	P	1.1
9	☐			19038.14	0.1405	P	0.7

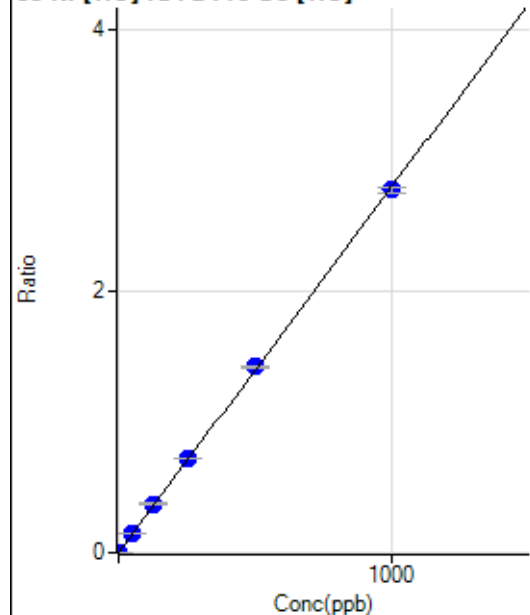
$$y = 0.0110 * x + 4.3338E-004$$

$$R = 0.9998$$

$$DL = 0.0235$$

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	28.89	0.0002	P	13.9
2	☐	0.100					
3	☐	1.000	1.049	455.57	0.0031	P	4.2
4	☐	50.000	52.158	20976.29	0.1457	P	1.9
5	☐	125.000	133.305	52176.99	0.3722	P	2.7
6	☐	250.000	257.183	102313.69	0.7178	P	0.9
7	☐	500.000	509.073	205533.74	1.4206	P	1.0
8	☐	1000.000	992.522	410225.05	2.7695	P	1.7
9	☐			5585.59	0.0412	P	2.7

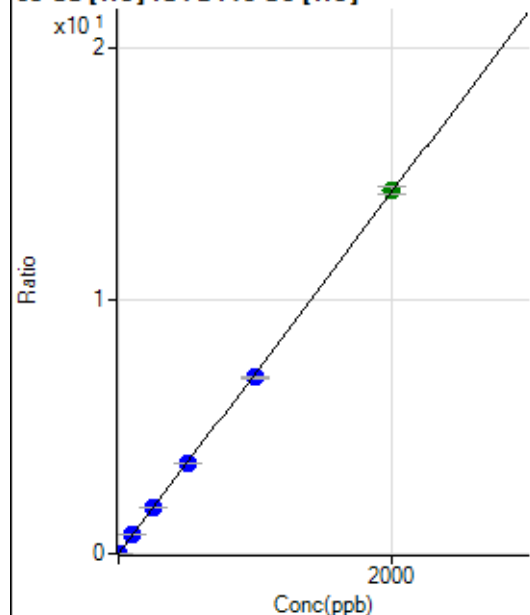
$$y = 0.0028 * x + 2.0886E-004$$

$$R = 0.9999$$

$$DL = 0.03129$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	288.90	0.0021	P	12.2
2	☐	0.200					
3	☐	2.000	2.027	2401.35	0.0165	P	2.7
4	☐	100.000	102.346	105323.61	0.7317	P	1.5
5	☐	250.000	258.031	258232.39	1.8417	P	1.2
6	☐	500.000	501.907	510340.99	3.5803	P	0.7
7	☐	1000.000	977.236	1008253.26	6.9690	P	1.1
8	☐	2000.000	2009.784	2122535.94	14.3303	A	2.0
9	☐			2424.69	0.0179	P	0.9

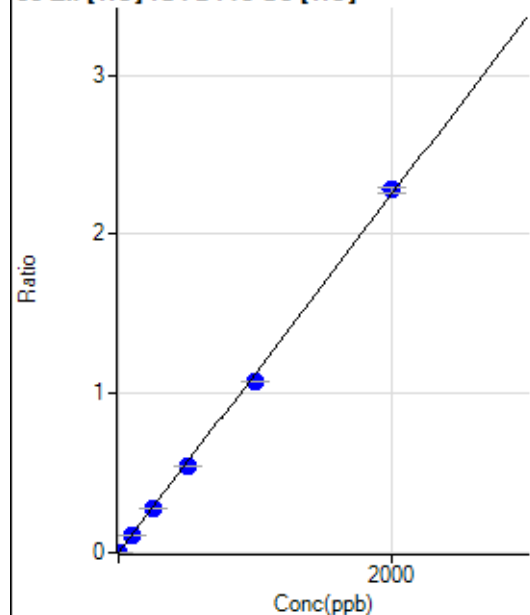
$$y = 0.0071 * x + 0.0021$$

$$R = 0.9999$$

$$DL = 0.1072$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	114.45	0.0008	P	14.7
2	☐	0.200					
3	☐	2.000	1.463	358.90	0.0025	P	3.7
4	☐	100.000	98.236	16015.64	0.1113	P	3.3
5	☐	250.000	248.662	39320.78	0.2804	P	1.5
6	☐	500.000	483.988	77689.78	0.5450	P	0.2
7	☐	1000.000	957.303	155860.16	1.0772	P	0.5
8	☐	2000.000	2025.607	337497.06	2.2784	P	1.4
9	☐			2286.88	0.0169	P	3.7

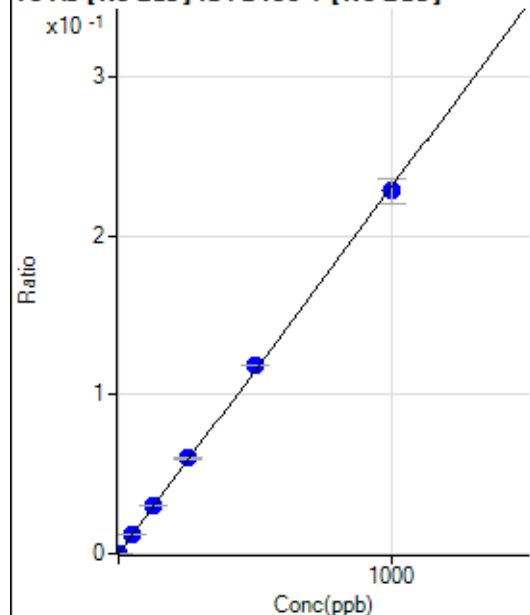
$$y = 0.0011 * x + 8.2776E-004$$

$$R = 0.9996$$

$$DL = 0.3249$$

Weight: <None>

Min Conc: 0

75 As [No Gas] ISTD:89 Y [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	74.86	0.0000	P	33.8
2	☐	0.100					
3	☐	1.000	1.034	822.74	0.0003	P	9.0
4	☐	50.000	52.195	37090.02	0.0121	P	1.2
5	☐	125.000	131.401	91250.06	0.0303	P	1.1
6	☐	250.000	260.183	182491.96	0.0600	P	0.7
7	☐	500.000	513.819	367782.34	0.1185	P	0.2
8	☐	1000.000	989.635	733221.79	0.2282	P	6.8
9	☐			1090.23	0.0004	P	11.2

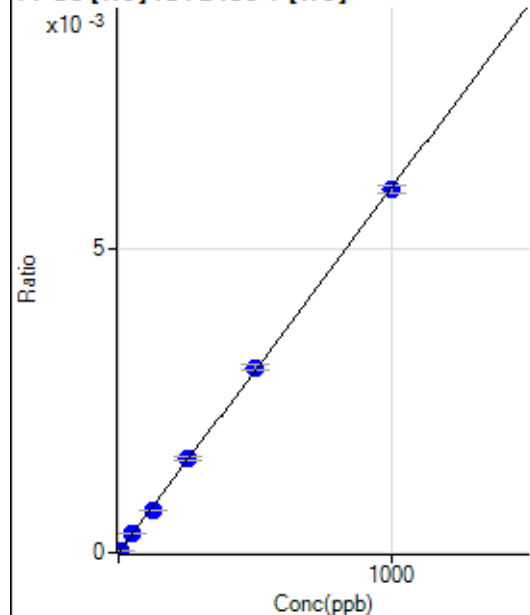
$$y = 2.3059\text{E-}004 * x + 2.5501\text{E-}005$$

$$R = 0.9998$$

$$DL = 0.1122$$

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	4.866	15.56	0.0000	P	80.6
4	☐	50.000	53.154	168.89	0.0003	P	2.5
5	☐	125.000	116.466	366.68	0.0007	P	1.0
6	☐	250.000	258.504	822.26	0.0016	P	2.8
7	☐	500.000	508.464	1654.56	0.0031	P	3.7
8	☐	1000.000	994.552	3295.98	0.0060	P	2.3
9	☐			2.22	0.0000	P	86.6

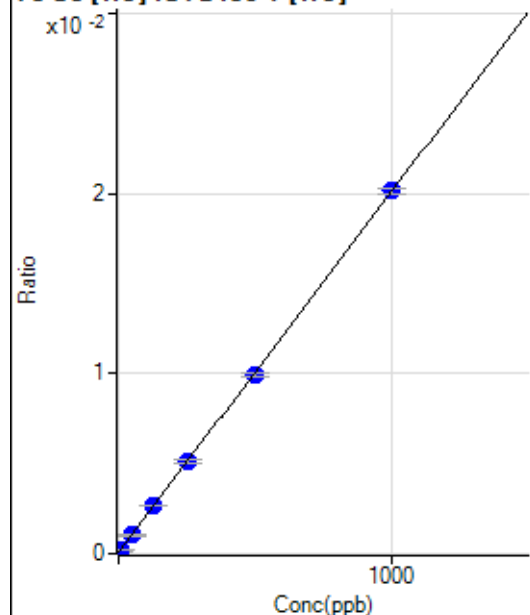
$$y = 6.0116\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9998$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	44.45	0.0001	P	11.1
2	☐	0.500					
3	☐	5.000	4.990	99.39	0.0002	P	15.0
4	☐	50.000	46.905	541.99	0.0010	P	7.2
5	☐	125.000	129.290	1399.46	0.0027	P	2.9
6	☐	250.000	252.016	2712.62	0.0051	P	2.8
7	☐	500.000	492.607	5376.97	0.0099	P	1.8
8	☐	1000.000	1002.811	11100.00	0.0201	P	1.9
9	☐			41.36	0.0001	P	24.1

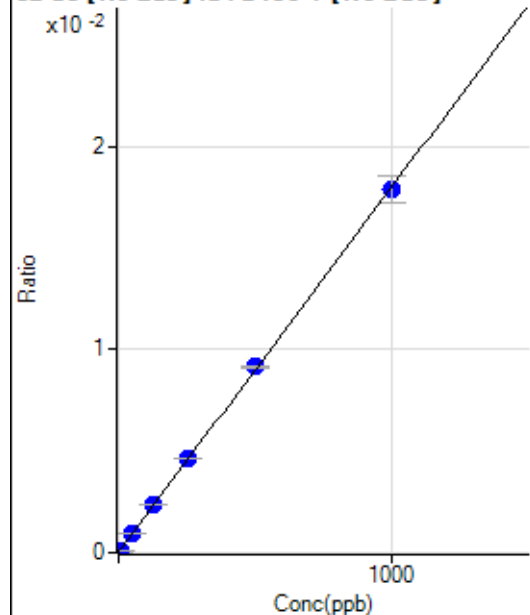
$$y = 1.9992\text{E-}005 * x + 8.7466\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.461$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	67.28	0.0000	P	40.1
2	☐	0.500					
3	☐	5.000	5.969	405.63	0.0001	P	4.7
4	☐	50.000	51.883	2935.53	0.0010	P	2.4
5	☐	125.000	128.784	7029.53	0.0023	P	1.3
6	☐	250.000	257.213	14116.18	0.0046	P	1.5
7	☐	500.000	508.904	28438.85	0.0092	P	0.6
8	☐	1000.000	993.173	57372.38	0.0179	P	7.3
9	☐			115.27	0.0000	P	5.0

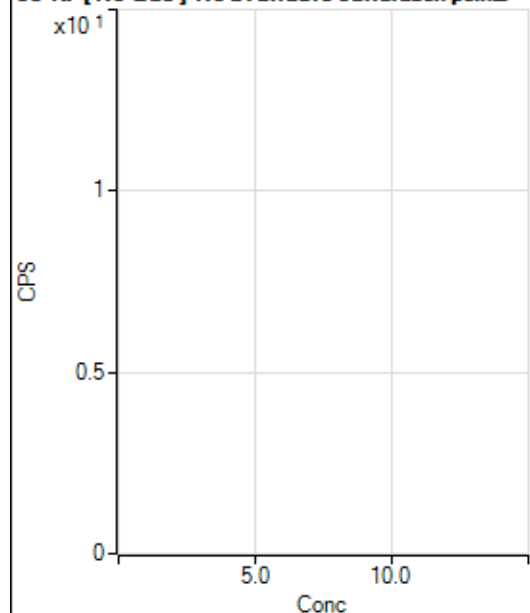
$$y = 1.7962\text{E-}005 * x + 2.2921\text{E-}005$$

$$R = 0.9999$$

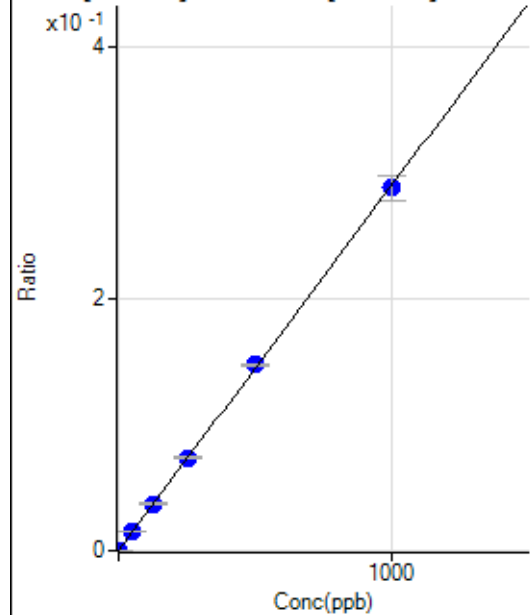
$$DL = 1.534$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			166.67		P	19.7
2	☐						
3	☐			112.22		P	9.5
4	☐			141.11		P	30.8
5	☐			125.56		P	4.1
6	☐			128.89		P	7.5
7	☐			128.89		P	19.8
8	☐			150.00		P	21.2
9	☐			126.67		P	7.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	283.35	0.0001	P	21.2
2	☐	0.100					
3	☐	1.000	0.810	1033.41	0.0003	P	7.9
4	☐	50.000	51.021	45815.82	0.0149	P	0.7
5	☐	125.000	127.927	111967.59	0.0372	P	1.6
6	☐	250.000	254.853	225093.50	0.0740	P	0.6
7	☐	500.000	509.220	458777.57	0.1478	P	0.5
8	☐	1000.000	993.760	926518.31	0.2884	P	6.9
9	☐			4014.61	0.0014	P	5.5

$$y = 2.9012\text{E-}004 * x + 9.6523\text{E-}005$$

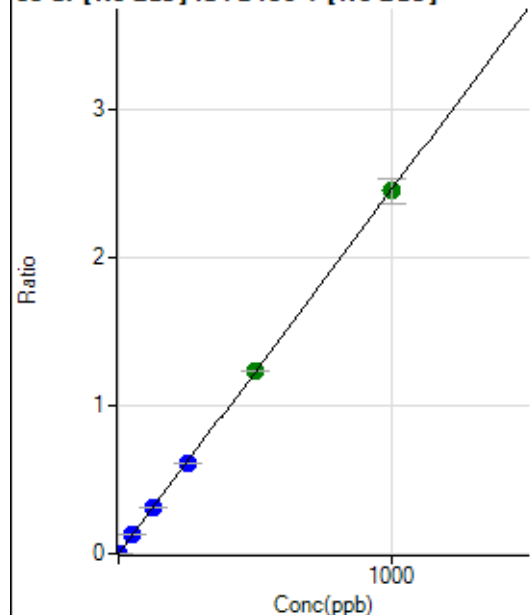
$$R = 0.9999$$

$$DL = 0.212$$

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	25.00	0.0000	P	88.2
2	☐	0.100					
3	☐	1.000	0.977	7505.04	0.0024	P	3.8
4	☐	50.000	51.140	386322.14	0.1256	P	1.6
5	☐	125.000	127.431	942071.14	0.3131	P	0.6
6	☐	250.000	250.462	1870851.89	0.6153	P	0.2
7	☐	500.000	504.158	3843921.22	1.2386	A	0.1
8	☐	1000.000	997.445	7872356.34	2.4505	A	6.9
9	☐			30845.07	0.0110	P	1.1

$$y = 0.0025 * x + 8.5158E-006$$

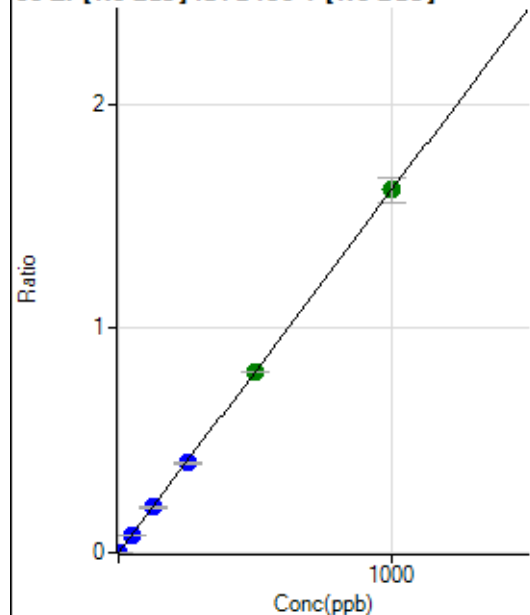
$$R = 1.0000$$

$$DL = 0.00917$$

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	263.90	0.0001	P	23.7
2	☐	0.100					
3	☐	1.000	0.936	4995.53	0.0016	P	6.3
4	☐	50.000	49.299	245204.62	0.0797	P	1.0
5	☐	125.000	124.944	607722.95	0.2020	P	0.7
6	☐	250.000	246.817	1212712.99	0.3989	P	1.0
7	☐	500.000	499.236	2503614.16	0.8067	A	0.3
8	☐	1000.000	1001.220	5197223.42	1.6178	A	7.0
9	☐			1500.14	0.0005	P	8.7

$$y = 0.0016 * x + 8.9893E-005$$

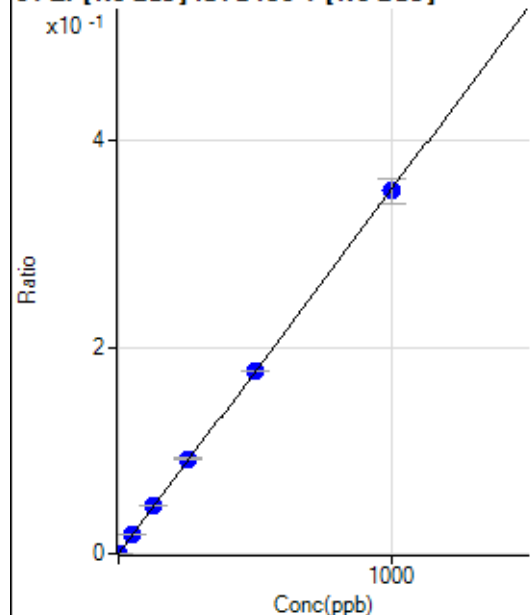
$$R = 1.0000$$

$$DL = 0.03954$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	44.45	0.0000	P	39.1
2	☐	0.100					
3	☐	1.000	0.976	1119.53	0.0004	P	10.2
4	☐	50.000	50.923	55226.72	0.0180	P	2.1
5	☐	125.000	130.249	138155.71	0.0459	P	1.0
6	☐	250.000	260.517	279156.44	0.0918	P	0.8
7	☐	500.000	500.824	547756.43	0.1765	P	0.2
8	☐	1000.000	996.256	1127798.74	0.3511	P	7.0
9	☐			333.35	0.0001	P	10.1

$$y = 3.5239\text{E-}004 * x + 1.5141\text{E-}005$$

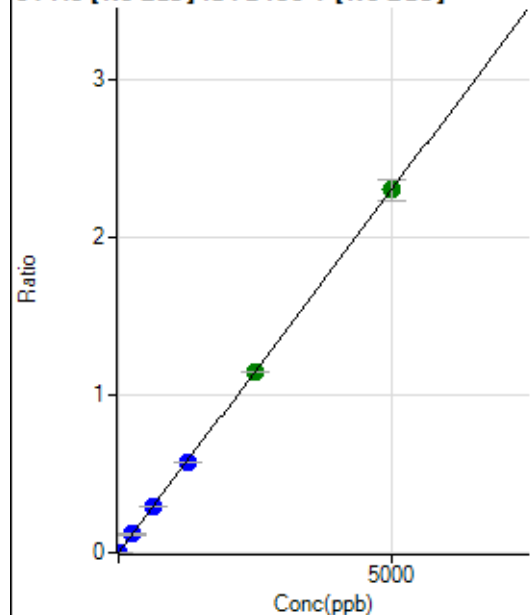
$$R = 0.9999$$

$$DL = 0.05035$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.68	0.0000	P	20.4
2	☐	0.500					
3	☐	5.000	4.181	6157.16	0.0020	P	2.5
4	☐	250.000	252.670	358237.38	0.1165	P	0.8
5	☐	625.000	633.898	879274.71	0.2922	P	0.7
6	☐	1250.000	1253.253	1756322.31	0.5777	P	0.7
7	☐	2500.000	2496.132	3570554.55	1.1505	A	0.6
8	☐	5000.000	4999.876	7405700.08	2.3045	A	6.0
9	☐			3058.79	0.0011	P	2.8

$$y = 4.6090\text{E-}004 * x + 4.8263\text{E-}005$$

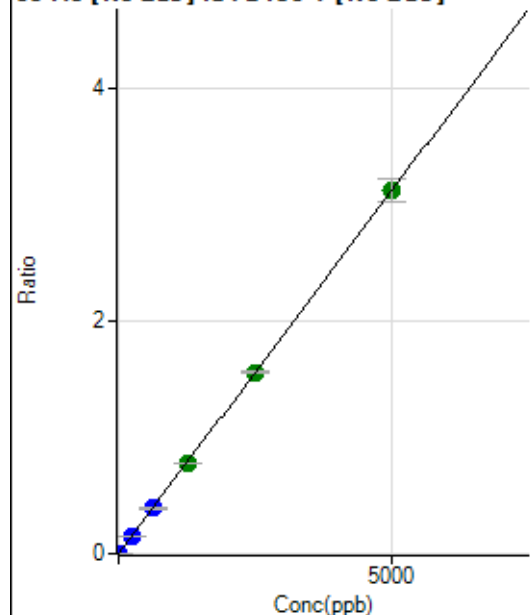
$$R = 1.0000$$

$$DL = 0.0641$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	41.67	0.0000	P	34.6
2	☐	0.500					
3	☐	5.000	3.778	7371.64	0.0024	P	1.8
4	☐	250.000	248.558	475701.95	0.1547	P	0.9
5	☐	625.000	623.416	1167512.47	0.3880	P	0.7
6	☐	1250.000	1253.294	2371506.74	0.7800	A	0.5
7	☐	2500.000	2497.788	4824251.72	1.5545	A	0.7
8	☐	5000.000	5000.554	9999621.06	3.1121	A	6.4
9	☐			4639.84	0.0017	P	5.0

$$y = 6.2235E-004 * x + 1.4192E-005$$

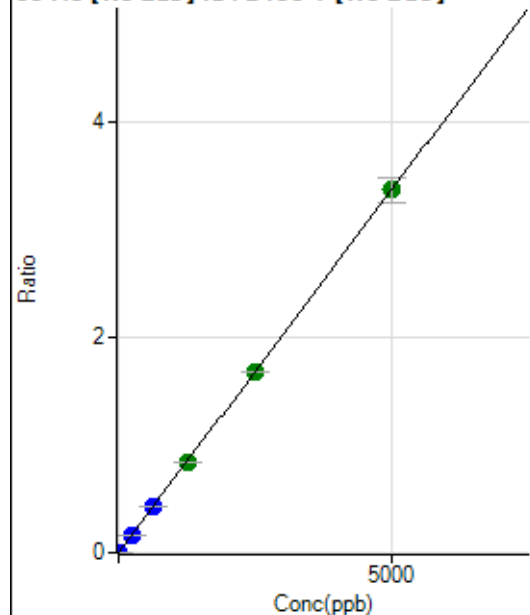
$$R = 1.0000$$

$$DL = 0.02369$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	58.34	0.0000	P	14.3
2	☐	0.500					
3	☐	5.000	3.885	8227.69	0.0026	P	0.5
4	☐	250.000	249.903	518241.15	0.1685	P	0.6
5	☐	625.000	630.222	1278803.87	0.4250	P	1.1
6	☐	1250.000	1247.156	2556994.70	0.8410	A	0.2
7	☐	2500.000	2497.585	5226746.30	1.6842	A	0.3
8	☐	5000.000	5001.272	10833565.43	3.3725	A	7.0
9	☐			6371.14	0.0023	P	2.3

$$y = 6.7432E-004 * x + 1.9871E-005$$

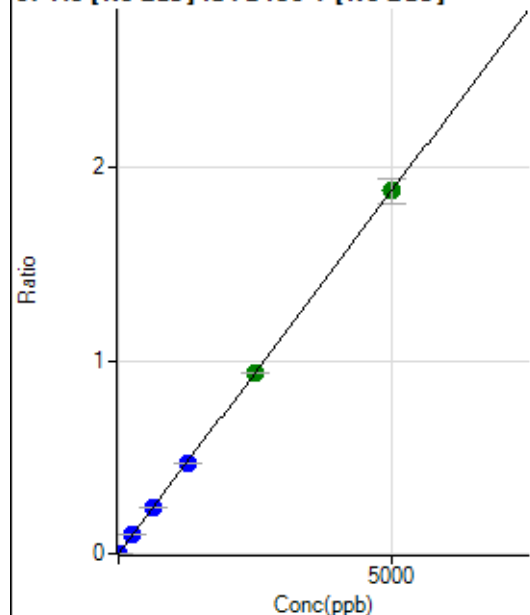
$$R = 1.0000$$

$$DL = 0.01262$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	50.00	0.0000	P	33.3
2	☐	0.500					
3	☐	5.000	3.919	4639.83	0.0015	P	4.4
4	☐	250.000	256.508	296215.24	0.0963	P	1.1
5	☐	625.000	644.966	728803.03	0.2422	P	0.7
6	☐	1250.000	1240.613	1416397.09	0.4659	P	0.6
7	☐	2500.000	2492.291	2904414.26	0.9359	A	0.2
8	☐	5000.000	5003.381	6036319.49	1.8788	A	6.6
9	☐			2544.78	0.0009	P	4.2

$$y = 3.7550E-004 * x + 1.7031E-005$$

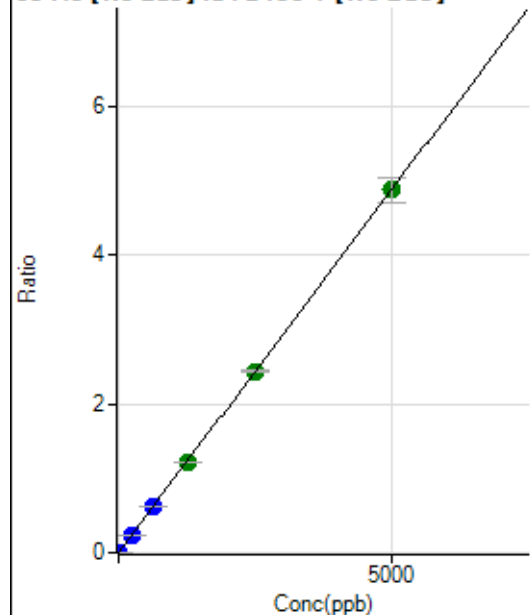
$$R = 1.0000$$

$$DL = 0.04534$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	3.823	11699.67	0.0038	P	4.2
4	☐	250.000	250.212	750777.46	0.2442	P	0.8
5	☐	625.000	625.369	1836190.73	0.6102	P	0.4
6	☐	1250.000	1249.909	3707963.84	1.2196	A	0.7
7	☐	2500.000	2500.459	7571653.73	2.4398	A	0.5
8	☐	5000.000	4999.738	15670998.79	4.8784	A	7.1
9	☐			6662.94	0.0024	P	3.8

$$y = 9.7573E-004 * x + 2.3657E-005$$

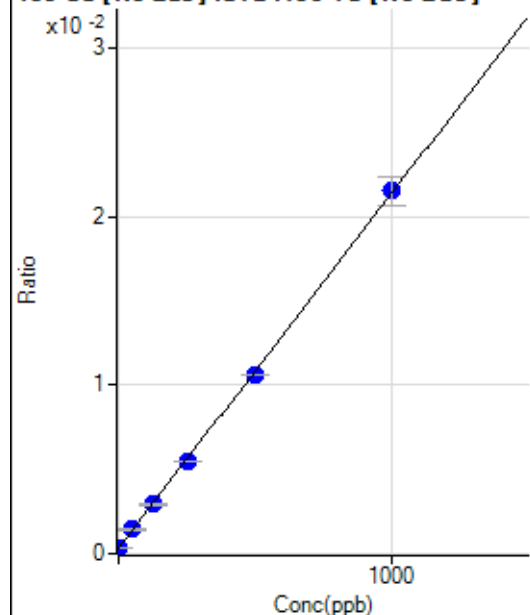
$$R = 1.0000$$

$$DL = 0.005058$$

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	1016.74	0.0003	P	6.9
2	☐	0.100					
3	☐	1.000	0.200	1072.31	0.0003	P	1.0
4	☐	50.000	53.384	4537.04	0.0015	P	4.8
5	☐	125.000	122.737	8978.28	0.0029	P	1.4
6	☐	250.000	245.256	17288.95	0.0055	P	1.4
7	☐	500.000	487.508	34520.76	0.0106	P	0.6
8	☐	1000.000	1007.546	72510.90	0.0215	P	8.2
9	☐			1025.09	0.0003	P	1.0

$$y = 2.1055\text{E-}005 * x + 3.3531\text{E-}004$$

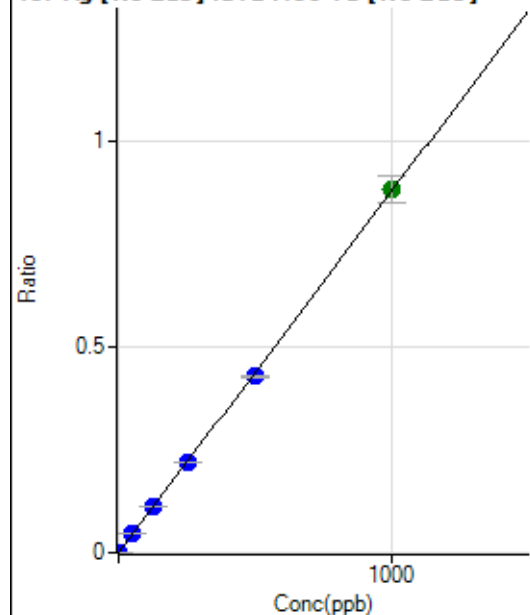
$$R = 0.9999$$

$$DL = 3.286$$

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	36.11	0.0000	P	104.
2	☐	0.100					
3	☐	1.000	1.038	2908.75	0.0009	P	4.2
4	☐	50.000	51.917	141465.86	0.0455	P	2.1
5	☐	125.000	130.321	351118.21	0.1142	P	0.1
6	☐	250.000	252.058	694274.43	0.2208	P	0.6
7	☐	500.000	487.824	1391846.78	0.4274	P	0.6
8	☐	1000.000	1004.812	2962957.58	0.8803	A	7.4
9	☐			275.02	0.0001	P	27.3

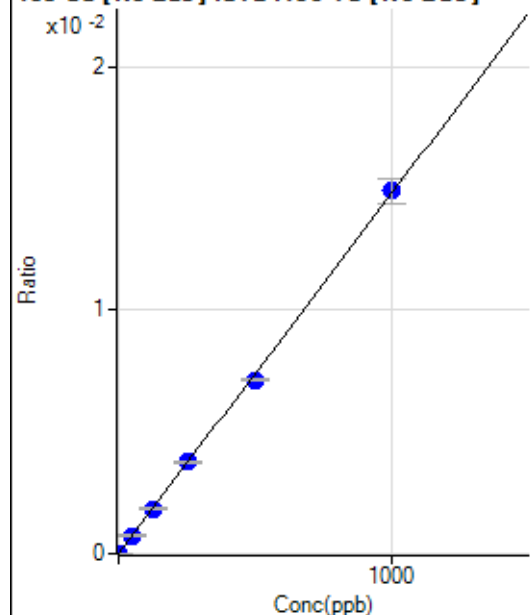
$$y = 8.7604\text{E-}004 * x + 1.1908\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04258$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	4.17	0.0000	P	100.
2	☐	0.100					
3	☐	1.000	0.828	43.06	0.0000	P	29.7
4	☐	50.000	50.337	2319.68	0.0007	P	7.0
5	☐	125.000	125.386	5709.59	0.0019	P	4.9
6	☐	250.000	253.639	11806.51	0.0038	P	2.7
7	☐	500.000	482.856	23279.16	0.0071	P	1.8
8	☐	1000.000	1007.597	50202.71	0.0149	P	7.2
9	☐			8.33	0.0000	P	49.6

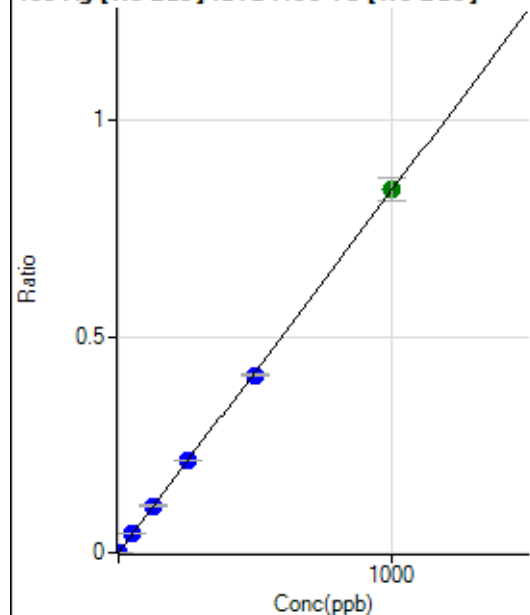
$$y = 1.4800\text{E-}005 * x + 1.3795\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.2796$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	33.33	0.0000	P	109.
2	☐	0.100					
3	☐	1.000	1.024	2739.27	0.0009	P	6.2
4	☐	50.000	52.533	136691.10	0.0439	P	1.1
5	☐	125.000	129.412	332865.60	0.1083	P	1.7
6	☐	250.000	253.806	667458.42	0.2123	P	0.6
7	☐	500.000	491.379	1338564.28	0.4110	P	0.3
8	☐	1000.000	1002.681	2824145.14	0.8387	A	6.3
9	☐			305.57	0.0001	P	31.5

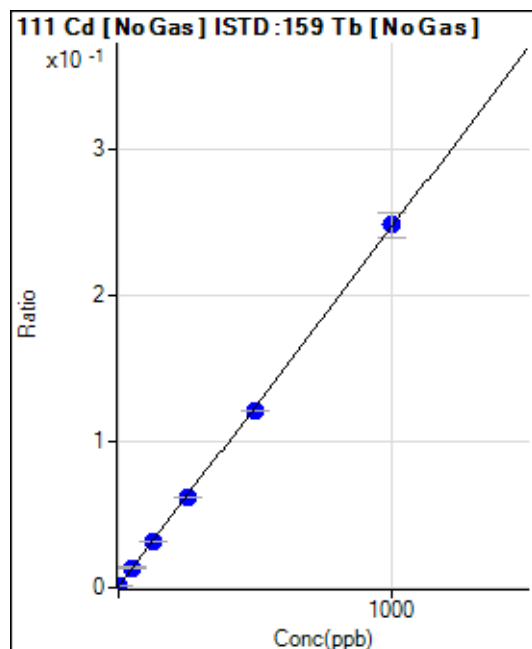
$$y = 8.3640\text{E-}004 * x + 1.1020\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04313$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	3059.12	0.0010	P	6.9
2	☐	0.100					
3	☐	1.000	0.809	3815.29	0.0012	P	1.5
4	☐	50.000	51.466	42527.91	0.0137	P	2.9
5	☐	125.000	125.995	98473.34	0.0320	P	0.8
6	☐	250.000	247.664	194832.32	0.0620	P	0.9
7	☐	500.000	488.419	394821.86	0.1212	P	0.4
8	☐	1000.000	1006.177	837170.50	0.2487	P	6.9
9	☐			3179.15	0.0011	P	1.0

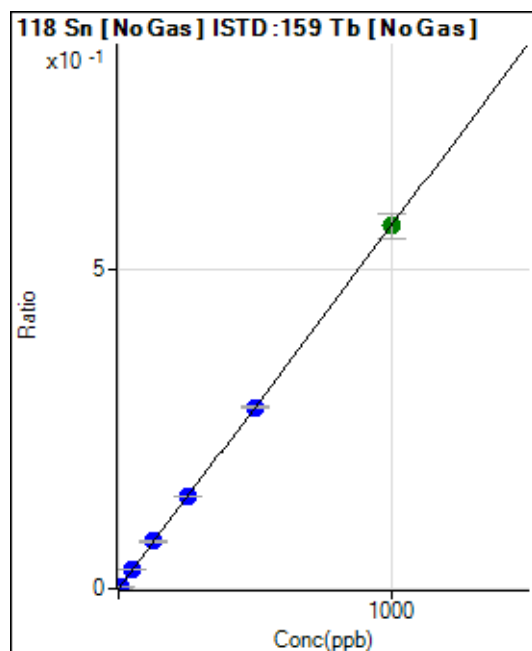
$$y = 2.4614\text{E-}004 * x + 0.0010$$

$$R = 0.9999$$

$$DL = 0.847$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	83.34	0.0000	P	40.5
2	☐	0.500					
3	☐	5.000	5.188	9409.11	0.0030	P	1.9
4	☐	50.000	50.967	90247.57	0.0290	P	2.2
5	☐	125.000	129.714	226993.61	0.0738	P	1.0
6	☐	250.000	254.534	455322.80	0.1448	P	0.2
7	☐	500.000	499.155	924845.91	0.2840	P	0.7
8	☐	1000.000	998.651	1912623.29	0.5681	A	7.0
9	☐			900.07	0.0003	P	6.2

$$y = 5.6886\text{E-}004 * x + 2.7528\text{E-}005$$

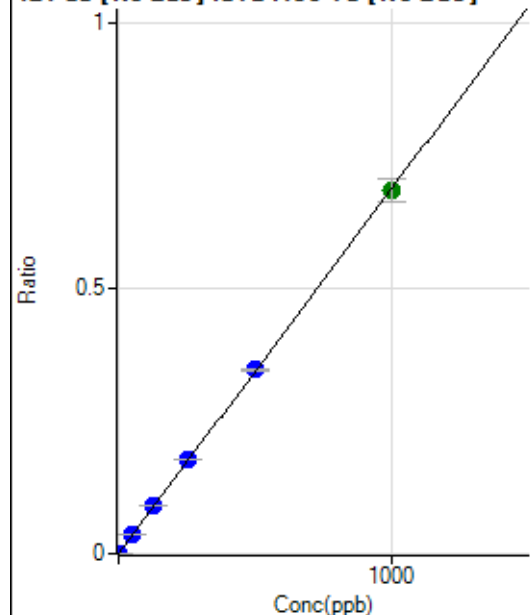
$$R = 1.0000$$

$$DL = 0.05872$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	38.89	0.0000	P	81.4
2	☐	0.200					
3	☐	2.000	1.906	4181.36	0.0013	P	3.7
4	☐	50.000	51.716	110667.60	0.0356	P	2.6
5	☐	125.000	130.561	276255.28	0.0898	P	0.3
6	☐	250.000	258.851	559933.44	0.1781	P	0.6
7	☐	500.000	504.609	1130645.46	0.3472	P	0.6
8	☐	1000.000	994.702	2304319.28	0.6843	A	6.4
9	☐			3278.30	0.0011	P	7.0

$$y = 6.8796E-004 * x + 1.2839E-005$$

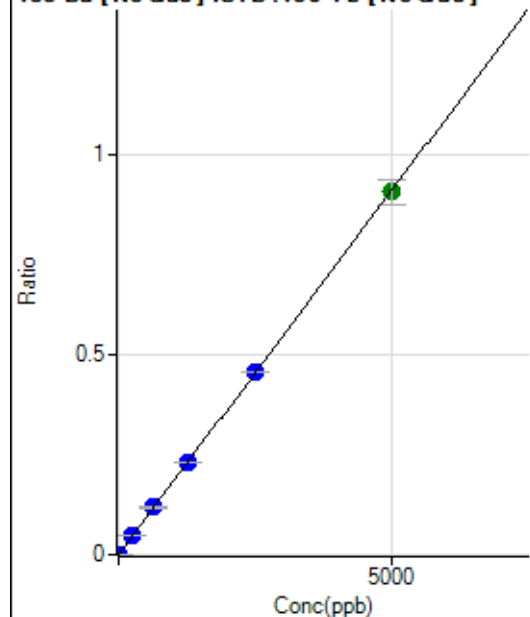
$$R = 0.9999$$

$$DL = 0.04558$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	19.44	0.0000	P	49.8
2	☐	1.000					
3	☐	10.000	10.035	5779.20	0.0018	P	5.3
4	☐	250.000	258.272	145954.37	0.0469	P	1.3
5	☐	625.000	650.069	363242.22	0.1181	P	1.3
6	☐	1250.000	1277.691	729884.57	0.2321	P	0.3
7	☐	2500.000	2509.636	1485050.25	0.4560	P	0.3
8	☐	5000.000	4984.712	3049084.16	0.9057	A	6.9
9	☐			472.25	0.0002	P	12.8

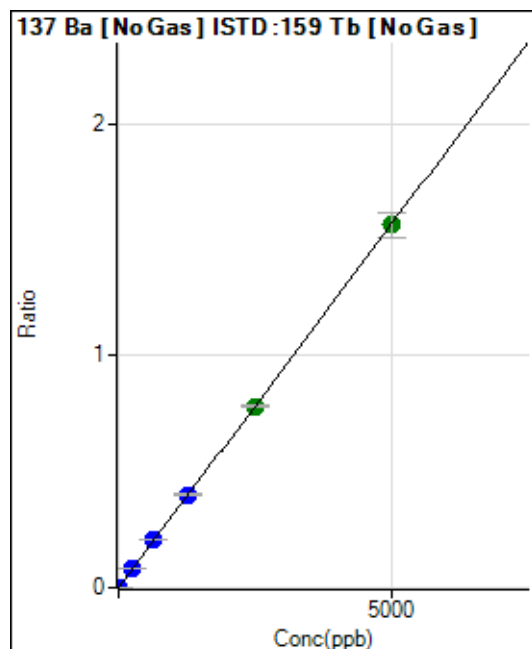
$$y = 1.8169E-004 * x + 6.4261E-006$$

$$R = 1.0000$$

$$DL = 0.05289$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.33	0.0000	P	24.5
2	☐	1.000					
3	☐	10.000	10.332	10270.87	0.0033	P	3.7
4	☐	250.000	259.321	252999.88	0.0814	P	2.0
5	☐	625.000	651.847	628819.10	0.2045	P	1.1
6	☐	1250.000	1281.303	1263729.13	0.4019	P	0.4
7	☐	2500.000	2498.192	2552270.35	0.7837	A	0.6
8	☐	5000.000	4989.256	5269814.83	1.5651	A	6.6
9	☐			822.28	0.0003	P	4.6

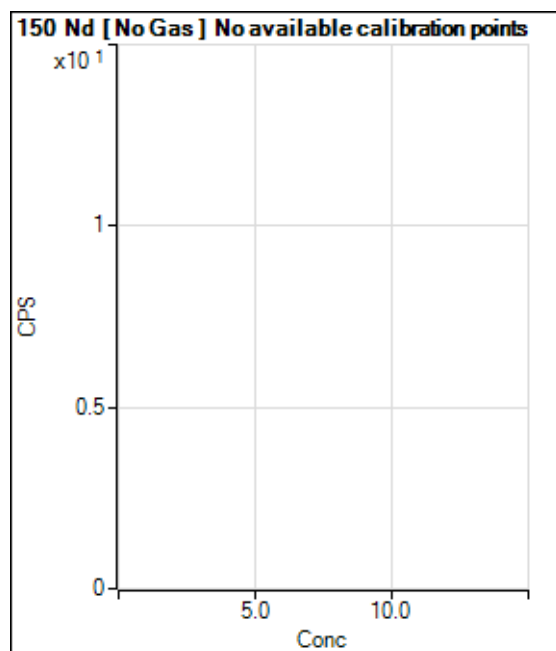
$$y = 3.1369\text{E-}004 * x + 1.0985\text{E-}005$$

$$R = 1.0000$$

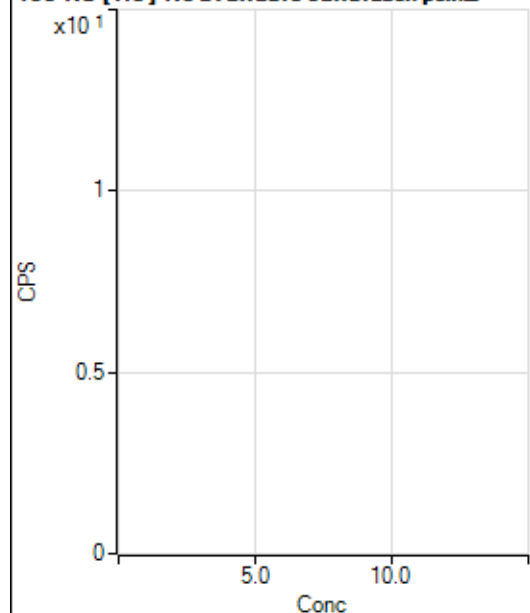
$$DL = 0.0257$$

Weight: <None>

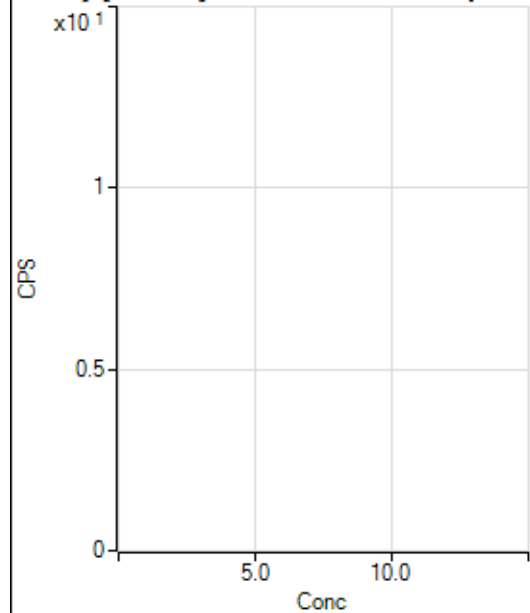
Min Conc: 0



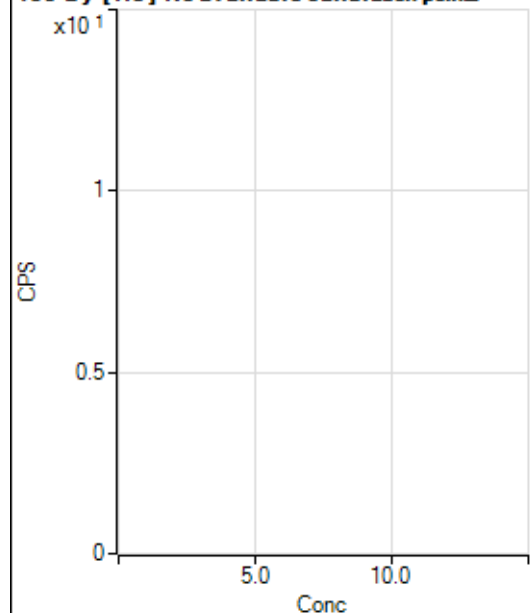
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			4.45		P	86.6
2	☐						
3	☐			0.00		P	
4	☐			8.89		P	43.3
5	☐			35.56		P	47.2
6	☐			51.11		P	15.1
7	☐			95.56		P	17.6
8	☐			155.56		P	16.2
9	☐			51.11		P	27.2

150 Nd [He] No available calibration points

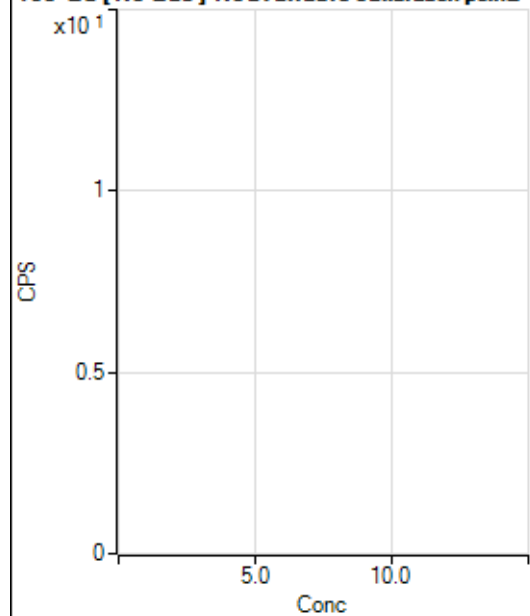
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			4.44		P	114.
5	☐			2.22		P	173.
6	☐			5.55		P	69.3
7	☐			22.22		P	43.3
8	☐			22.22		P	17.3
9	☐			21.11		P	18.2

156 Dy [No Gas] No available calibration points

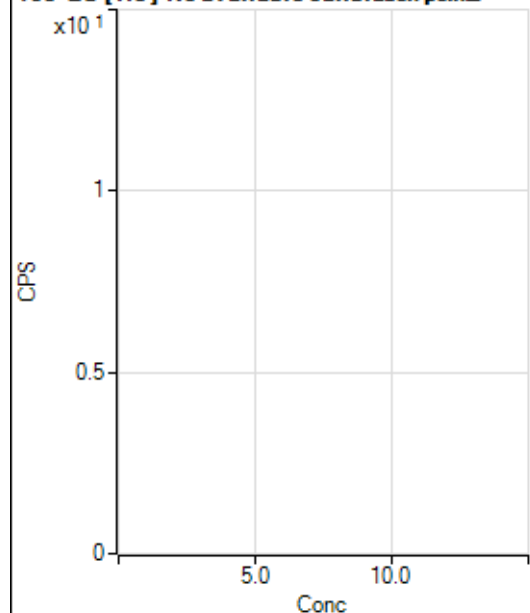
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.
2	☐						
3	☐			2.78		P	173.
4	☐			5.55		P	86.6
5	☐			11.11		P	43.3
6	☐			13.89		P	34.7
7	☐			36.11		P	53.3
8	☐			50.00		P	44.1
9	☐			30.56		P	56.8

156 Dy [He] No available calibration points

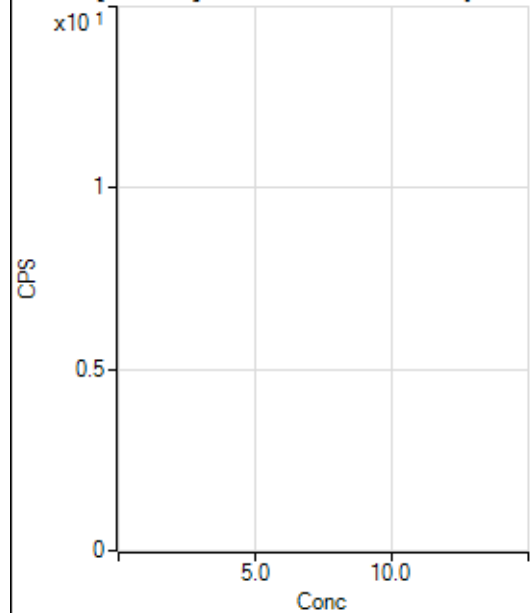
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			2.22		P	86.6
4	☐			3.33		P	100.
5	☐			11.11		P	62.5
6	☐			18.89		P	20.4
7	☐			32.22		P	15.8
8	☐			70.00		P	21.8
9	☐			22.22		P	22.9

160 Gd [No Gas] Noavailable calibration poin_

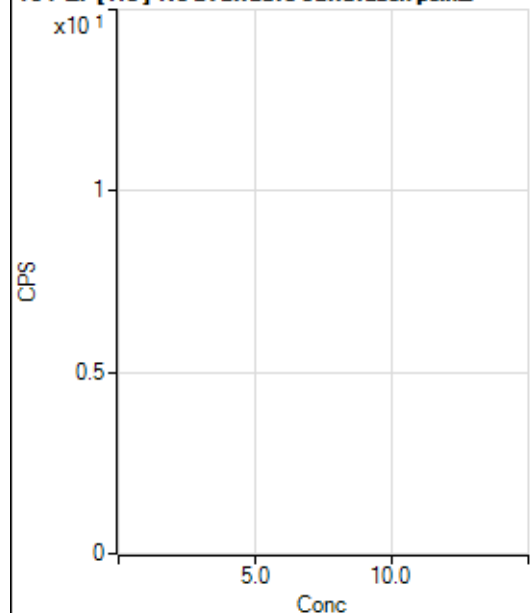
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			19.44		P	65.5
4	☐			13.89		P	34.7
5	☐			25.00		P	33.3
6	☐			41.67		P	40.0
7	☐			38.89		P	32.7
8	☐			27.78		P	62.5
9	☐			25.00		P	88.2

160 Gd [He] No available calibration points

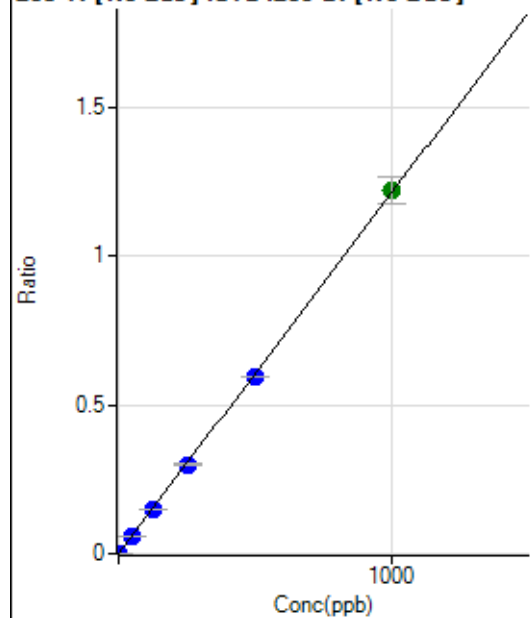
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			52.22		P	41.5
2	☐						
3	☐			66.67		P	10.0
4	☐			67.78		P	23.2
5	☐			44.44		P	26.3
6	☐			55.56		P	38.6
7	☐			68.89		P	39.4
8	☐			64.45		P	6.0
9	☐			66.67		P	21.8

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			13.89		P	69.3
2	☐						
3	☐			8.33		P	100.
4	☐			8.33		P	100.
5	☐			8.33		P	173.
6	☐			16.67		P	50.0
7	☐			13.89		P	91.6
8	☐			19.44		P	65.5
9	☐			16.67		P	50.0

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			6.66		P	86.6
2	☐						
3	☐			5.56		P	34.7
4	☐			6.67		P	50.0
5	☐			3.33		P	100.
6	☐			4.44		P	114.
7	☐			7.78		P	107.
8	☐			4.44		P	43.4
9	☐			8.89		P	21.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	55.56	0.0000	P	56.9
2	☐	0.100					
3	☐	1.000	0.898	2044.70	0.0011	P	6.0
4	☐	50.000	48.825	105619.81	0.0592	P	1.1
5	☐	125.000	121.931	261700.77	0.1478	P	0.8
6	☐	250.000	247.226	535760.18	0.2996	P	0.7
7	☐	500.000	491.467	1083309.09	0.5955	P	0.4
8	☐	1000.000	1005.402	2253703.44	1.2182	A	7.5
9	☐			691.72	0.0005	P	11.4

$$y = 0.0012 * x + 3.1709E-005$$

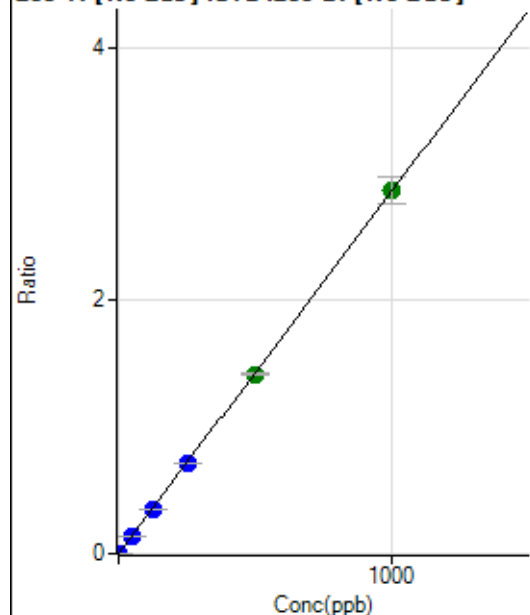
$$R = 0.9999$$

$$DL = 0.04469$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	155.57	0.0001	P	32.5
2	☐	0.100					
3	☐	1.000	0.945	5106.76	0.0028	P	5.7
4	☐	50.000	48.866	249803.32	0.1400	P	1.1
5	☐	125.000	123.815	627987.91	0.3546	P	0.7
6	☐	250.000	250.265	1281595.01	0.7166	P	0.7
7	☐	500.000	496.301	2585060.97	1.4211	A	0.5
8	☐	1000.000	1001.988	5307824.21	2.8689	A	7.4
9	☐			1983.57	0.0013	P	9.2

$$y = 0.0029 * x + 8.8696E-005$$

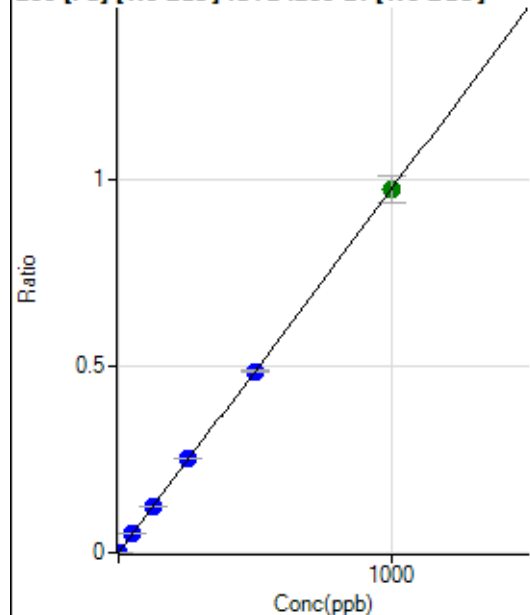
$$R = 1.0000$$

$$DL = 0.03022$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	177.79	0.0001	P	26.7
2	☐	0.100					
3	☐	1.000	0.947	1868.71	0.0010	P	5.6
4	☐	50.000	50.764	88328.70	0.0495	P	1.1
5	☐	125.000	128.435	221519.31	0.1251	P	0.9
6	☐	250.000	257.763	448756.70	0.2509	P	0.4
7	☐	500.000	499.167	883801.66	0.4858	P	0.3
8	☐	1000.000	998.008	1797032.69	0.9713	A	7.3
9	☐			1672.38	0.0011	P	6.1

$$y = 9.7311E-004 * x + 1.0135E-004$$

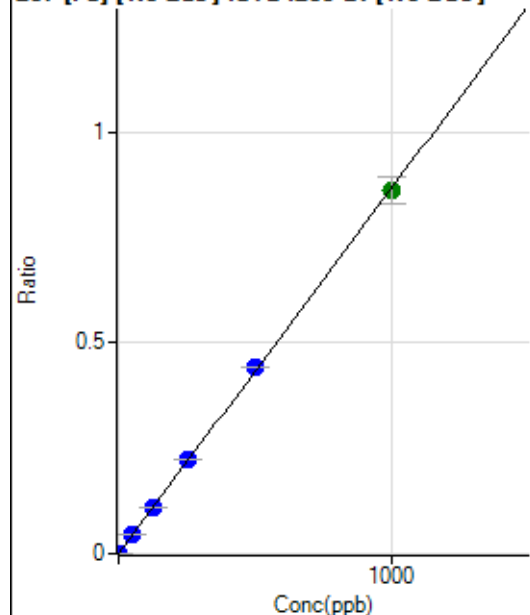
$$R = 1.0000$$

$$DL = 0.08346$$

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	144.45	0.0001	P	7.4
2	☐	0.100					
3	☐	1.000	1.007	1744.61	0.0010	P	5.8
4	☐	50.000	50.591	78359.94	0.0439	P	2.0
5	☐	125.000	127.694	196101.17	0.1107	P	1.3
6	☐	250.000	256.428	397520.59	0.2223	P	0.9
7	☐	500.000	509.655	803516.56	0.4417	P	0.4
8	☐	1000.000	993.199	1592229.00	0.8607	A	7.6
9	☐			1327.89	0.0009	P	14.6

$$y = 8.6652\text{E-}004 * x + 8.2383\text{E-}005$$

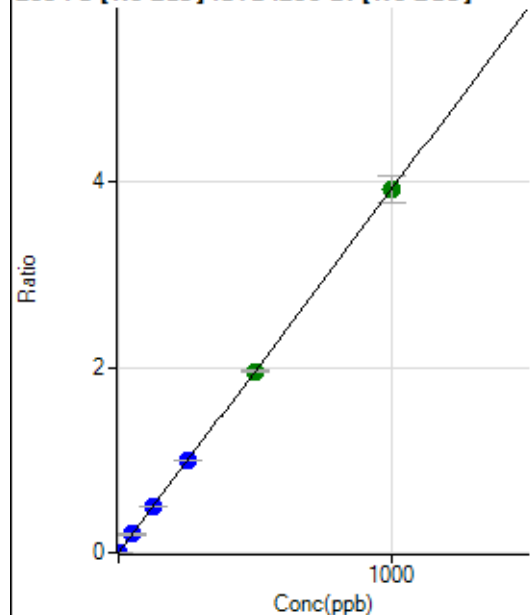
$$R = 0.9999$$

$$DL = 0.02108$$

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	779.67	0.0004	P	4.7
2	☐	0.100					
3	☐	1.000	0.963	7704.81	0.0042	P	1.5
4	☐	50.000	50.454	353566.13	0.1982	P	1.2
5	☐	125.000	127.501	885600.77	0.5001	P	0.6
6	☐	250.000	255.493	1791204.95	1.0016	P	0.3
7	☐	500.000	499.606	3562089.59	1.9582	A	0.3
8	☐	1000.000	998.489	7239563.98	3.9130	A	7.3
9	☐			6091.45	0.0040	P	4.7

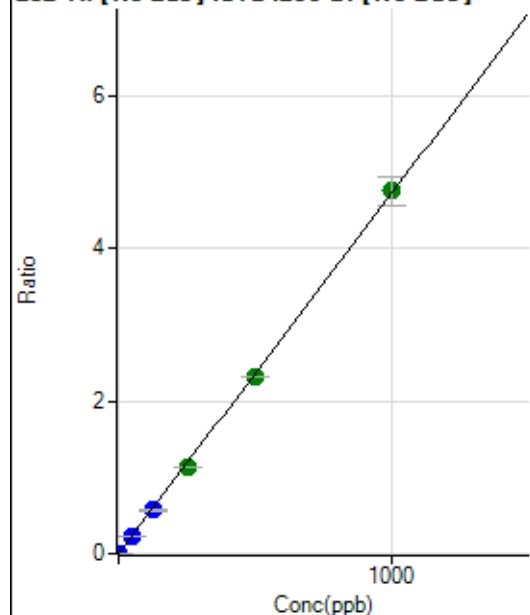
$$y = 0.0039 * x + 4.4474\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.01606$$

Weight: <None>

Min Conc: 0

²³²Th [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	33.34	0.0000	P	29.0
2	☐	0.100					
3	☐	1.000	0.899	7772.91	0.0043	P	3.4
4	☐	50.000	47.140	396518.10	0.2222	P	1.1
5	☐	125.000	120.156	1003042.05	0.5664	P	0.6
6	☐	250.000	242.630	2045239.69	1.1436	A	0.2
7	☐	500.000	491.139	4211173.71	2.3150	A	0.9
8	☐	1000.000	1007.022	8779603.44	4.7466	A	7.9
9	☐			1637.19	0.0011	P	8.4

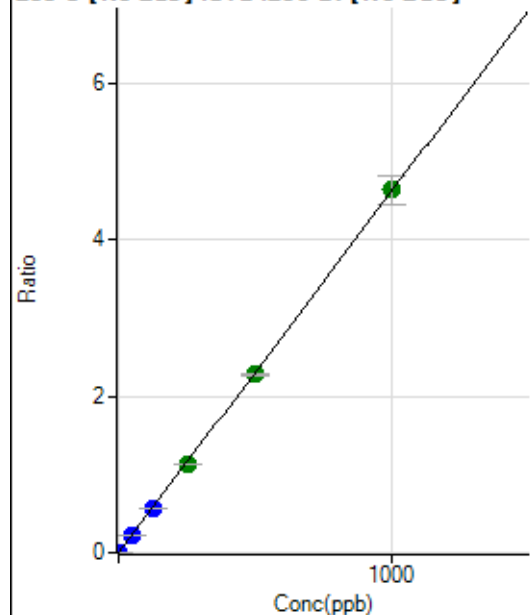
$$y = 0.0047 * x + 1.9020E-005$$

$$R = 0.9999$$

$$DL = 0.003511$$

Weight: <None>

Min Conc: 0

²³⁸U [No Gas] ISTD :²⁰⁹Bi [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	175.01	0.0001	P	4.7
2	☐	0.100					
3	☐	1.000	0.930	8019.53	0.0044	P	3.0
4	☐	50.000	48.552	399854.52	0.2241	P	1.5
5	☐	125.000	124.499	1017428.95	0.5745	P	0.8
6	☐	250.000	244.343	2016207.60	1.1274	A	0.1
7	☐	500.000	493.593	4142732.69	2.2774	A	1.1
8	☐	1000.000	1004.753	8574354.79	4.6357	A	7.9
9	☐			736.16	0.0005	P	21.0

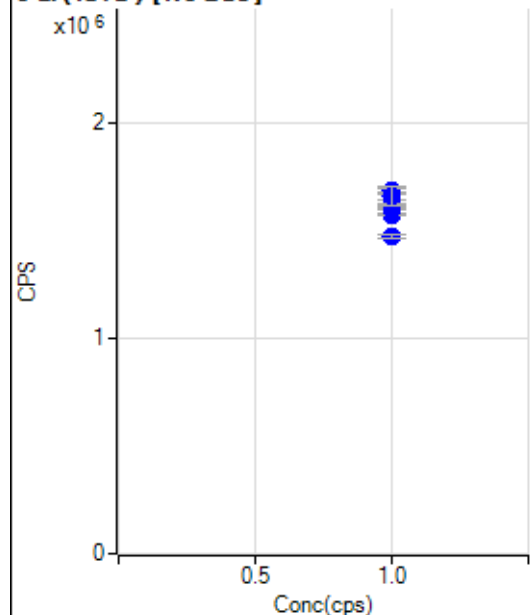
$$y = 0.0046 * x + 9.9826E-005$$

$$R = 1.0000$$

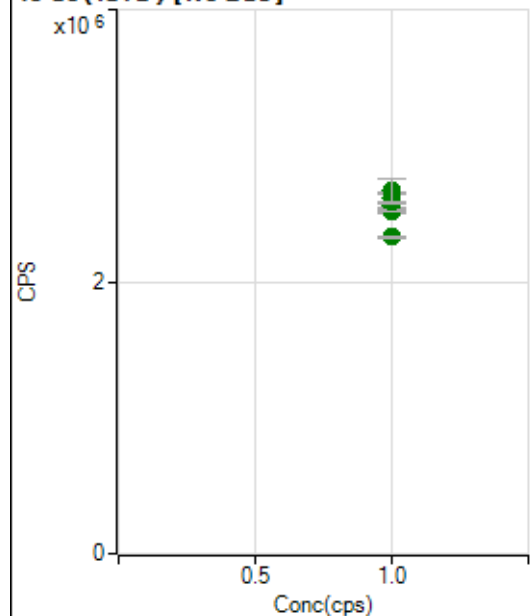
$$DL = 0.003072$$

Weight: <None>

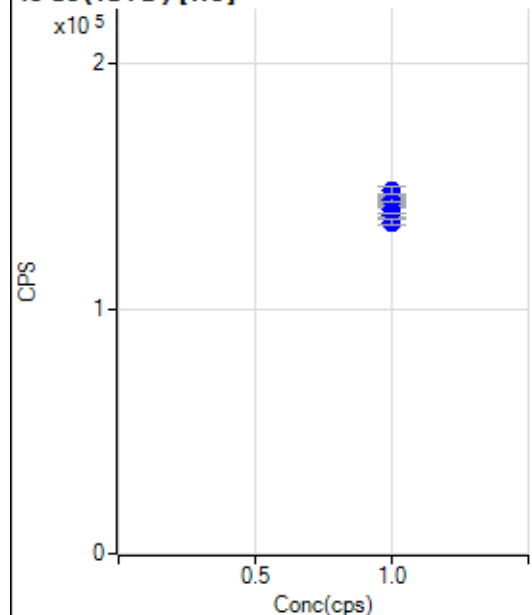
Min Conc: 0

6 Li (ISTD) [No Gas]

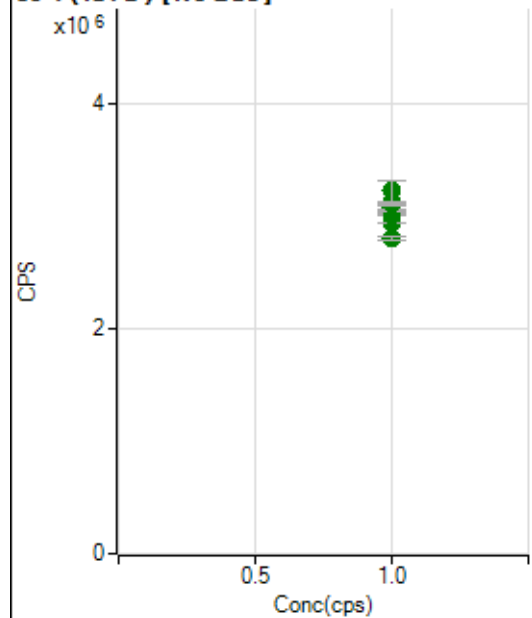
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1578777.55		P	0.3
2	☐	1.000					
3	☐	1.000		1688006.48		P	1.0
4	☐	1.000		1661436.08		P	1.6
5	☐	1.000		1612817.99		P	0.4
6	☐	1.000		1602276.81		P	0.2
7	☐	1.000		1623857.78		P	0.7
8	☐	1.000		1661759.84		P	5.6
9	☐	1.000		1476857.40		P	0.8

45 Sc (ISTD) [No Gas]

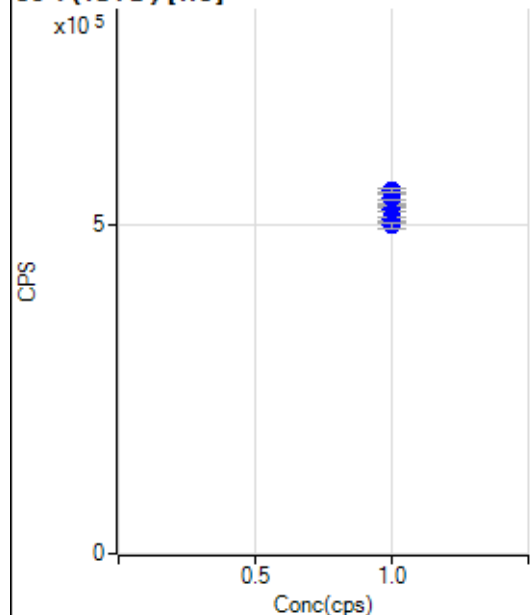
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2560877.66		A	0.9
2	☐	1.000					
3	☐	1.000		2656278.51		A	0.7
4	☐	1.000		2614252.77		A	2.2
5	☐	1.000		2521160.32		A	0.7
6	☐	1.000		2523957.39		A	0.7
7	☐	1.000		2584611.99		A	0.7
8	☐	1.000		2670661.93		A	6.4
9	☐	1.000		2332770.93		A	0.4

45 Sc (ISTD) [He]

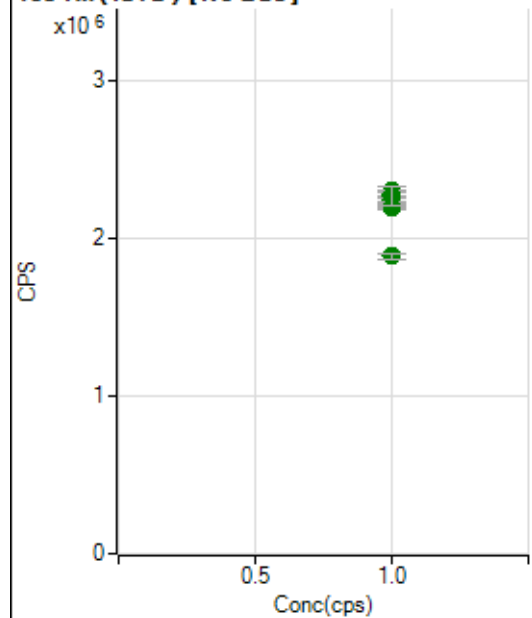
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		138403.03		P	1.1
2	☐	1.000					
3	☐	1.000		145196.71		P	0.9
4	☐	1.000		143953.65		P	1.4
5	☐	1.000		140229.55		P	1.5
6	☐	1.000		142544.52		P	0.5
7	☐	1.000		144692.79		P	1.6
8	☐	1.000		148154.42		P	2.0
9	☐	1.000		135446.84		P	1.6

89 Y (ISTD) [No Gas]

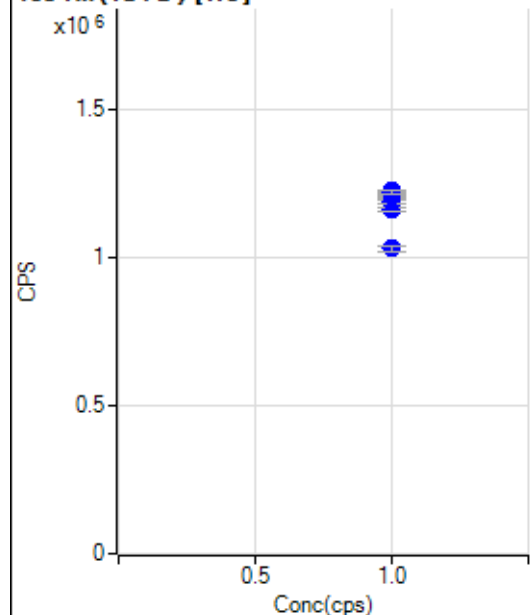
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2935653.95		A	0.0
2	☐	1.000					
3	☐	1.000		3116879.95		A	0.3
4	☐	1.000		3075169.33		A	1.6
5	☐	1.000		3009144.33		A	0.7
6	☐	1.000		3040400.75		A	0.5
7	☐	1.000		3103427.31		A	0.5
8	☐	1.000		3221434.08		A	6.0
9	☐	1.000		2802780.48		A	1.2

89 Y(ISTD) [He]

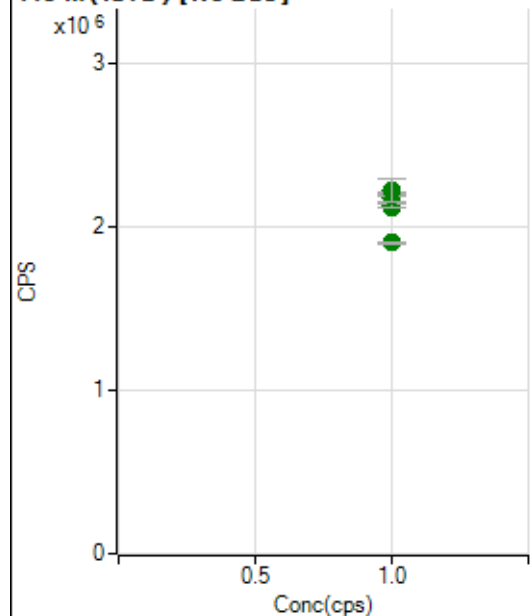
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		507645.32		P	1.4
2	☐	1.000					
3	☐	1.000		530597.80		P	0.5
4	☐	1.000		528508.32		P	0.8
5	☐	1.000		523731.80		P	0.8
6	☐	1.000		529169.00		P	0.5
7	☐	1.000		541168.66		P	1.7
8	☐	1.000		551333.47		P	1.1
9	☐	1.000		499028.91		P	2.0

103 Rh(ISTD) [No Gas]

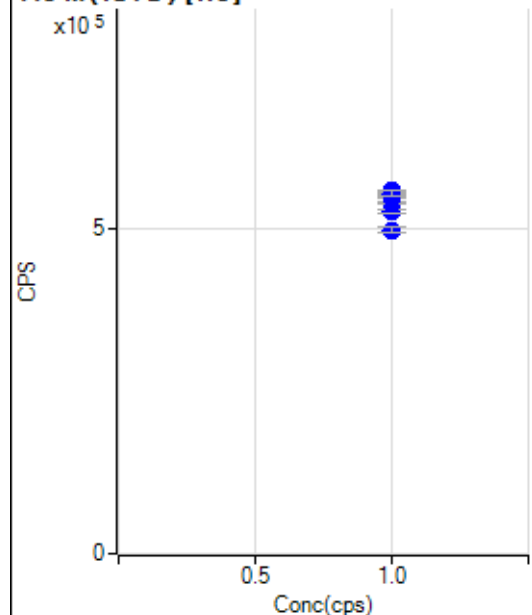
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2267842.82		A	0.8
2	☐	1.000					
3	☐	1.000		2303560.88		A	0.4
4	☐	1.000		2280459.28		A	2.2
5	☐	1.000		2193100.44		A	0.7
6	☐	1.000		2215479.58		A	0.3
7	☐	1.000		2245313.35		A	1.1
8	☐	1.000		2269637.44		A	5.5
9	☐	1.000		1887600.30		A	1.5

103 Rh (ISTD) [He]

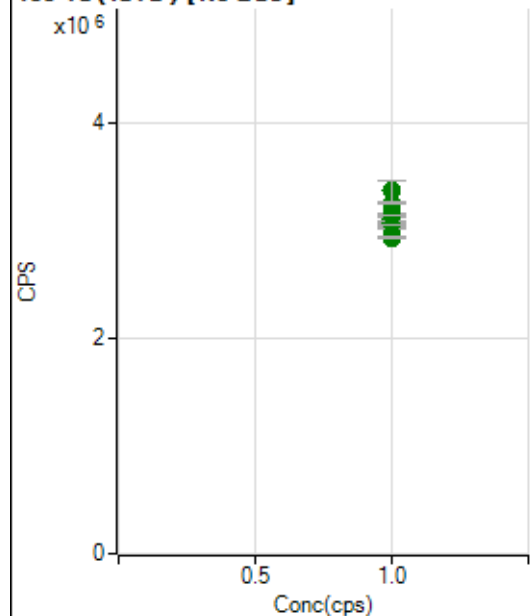
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1165169.48		P	1.5
2	☐	1.000					
3	☐	1.000		1226922.80		P	0.3
4	☐	1.000		1213627.80		P	1.3
5	☐	1.000		1190577.39		P	0.7
6	☐	1.000		1211133.51		P	0.3
7	☐	1.000		1221790.49		P	1.1
8	☐	1.000		1222528.20		P	0.9
9	☐	1.000		1032575.90		P	2.0

115 In (ISTD) [No Gas]

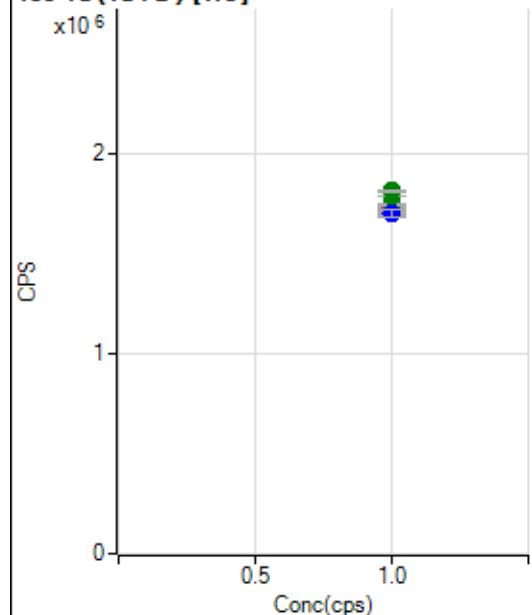
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2139243.70		A	0.5
2	☐	1.000					
3	☐	1.000		2199331.55		A	0.4
4	☐	1.000		2172933.82		A	2.0
5	☐	1.000		2116128.59		A	0.2
6	☐	1.000		2127878.47		A	0.7
7	☐	1.000		2189437.15		A	0.5
8	☐	1.000		2216873.64		A	6.3
9	☐	1.000		1901361.66		A	0.8

115 In (ISTD) [He]

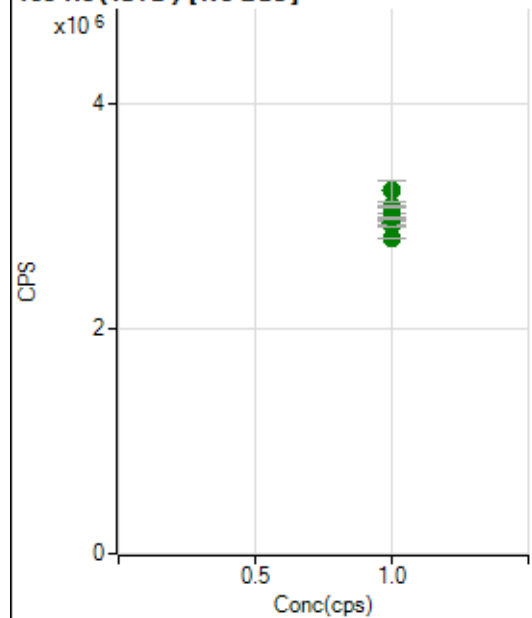
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		528858.50		P	1.2
2	☐	1.000					
3	☐	1.000		551099.66		P	0.1
4	☐	1.000		551303.21		P	0.8
5	☐	1.000		541105.83		P	0.4
6	☐	1.000		548308.73		P	0.0
7	☐	1.000		559547.49		P	0.8
8	☐	1.000		555967.53		P	1.4
9	☐	1.000		499637.11		P	1.8

159 Tb (ISTD) [No Gas]

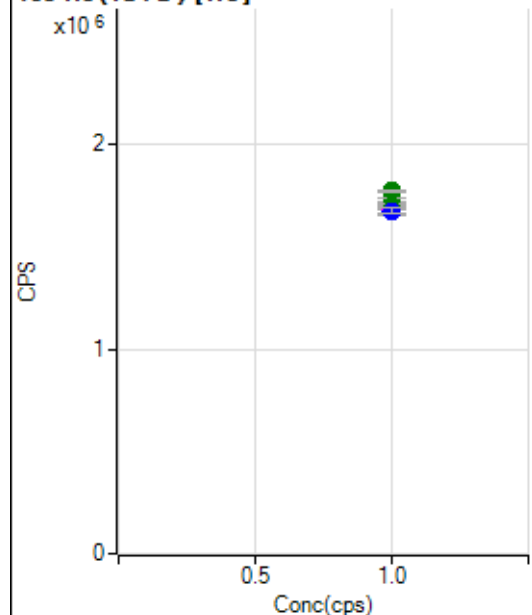
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3031988.36		A	0.6
2	☐	1.000					
3	☐	1.000		3158359.71		A	0.2
4	☐	1.000		3110427.10		A	1.9
5	☐	1.000		3075193.84		A	0.8
6	☐	1.000		3144027.77		A	0.2
7	☐	1.000		3256832.62		A	0.4
8	☐	1.000		3376059.08		A	6.1
9	☐	1.000		2939448.88		A	0.5

159 Tb (ISTD) [He]

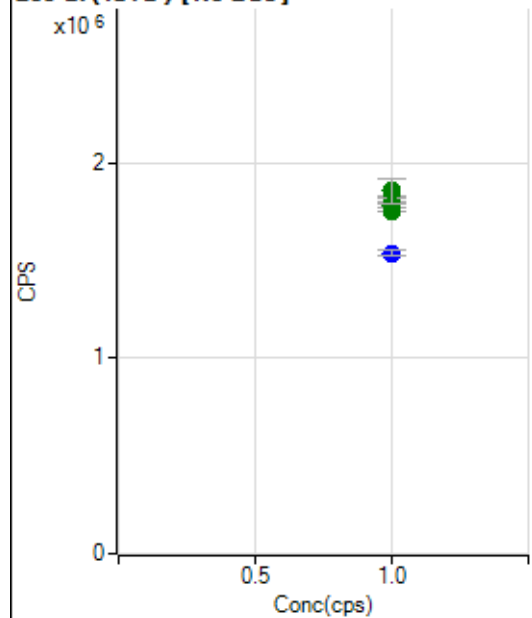
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1708077.68		P	1.7
2	☐	1.000					
3	☐	1.000		1715827.87		A	1.4
4	☐	1.000		1718886.57		A	1.2
5	☐	1.000		1729738.69		M	2.8
6	☐	1.000		1745130.77		A	0.4
7	☐	1.000		1790307.54		A	0.5
8	☐	1.000		1815874.40		A	0.2
9	☐	1.000		1705707.07		P	2.0

165 Ho (ISTD) [No Gas]

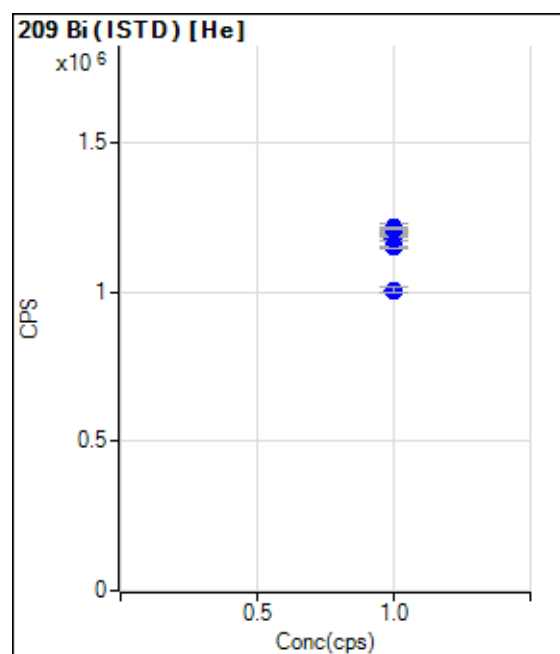
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3024281.28		A	0.3
2	☐	1.000					
3	☐	1.000		2970638.98		A	1.2
4	☐	1.000		2941932.45		A	2.4
5	☐	1.000		2916942.69		A	0.9
6	☐	1.000		2985319.51		A	0.4
7	☐	1.000		3086196.62		A	0.6
8	☐	1.000		3225451.40		A	6.1
9	☐	1.000		2802924.63		A	0.3

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1671557.56		P	1.3
2	☐	1.000					
3	☐	1.000		1703207.28		M	2.2
4	☐	1.000		1697595.08		M	1.6
5	☐	1.000		1680655.83		M	2.7
6	☐	1.000		1712379.24		A	0.2
7	☐	1.000		1741123.03		A	0.3
8	☐	1.000		1774268.53		A	0.4
9	☐	1.000		1677070.04		P	1.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1753137.94		A	0.3
2	☐	1.000					
3	☐	1.000		1826795.67		A	0.6
4	☐	1.000		1784601.21		A	2.0
5	☐	1.000		1771035.96		A	0.5
6	☐	1.000		1788347.35		A	0.1
7	☐	1.000		1819104.10		A	0.1
8	☐	1.000		1856084.78		A	6.6
9	☐	1.000		1537545.31		P	2.3



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1149637.03		P	1.0
2	☐	1.000					
3	☐	1.000		1192653.32		P	0.6
4	☐	1.000		1196534.62		P	0.5
5	☐	1.000		1180033.76		P	0.9
6	☐	1.000		1189702.02		P	0.7
7	☐	1.000		1214681.97		P	2.1
8	☐	1.000		1213333.05		P	0.9
9	☐	1.000		1007534.55		P	1.5

US EPA Tune Check Sample Report

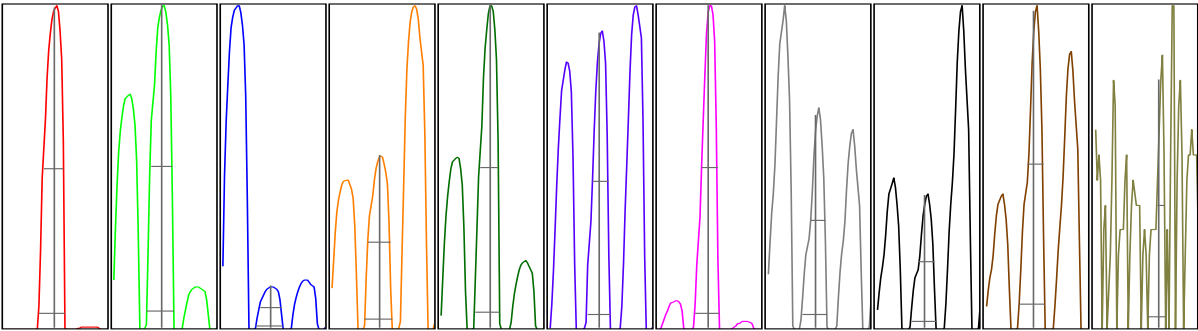
Batch Folder D:\ICP-MS Data\P7070819.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	5333	0.42	5.00	
24	49402	0.62	5.00	
25	6563	0.62	5.00	
26	7463	0.23	5.00	
59	26293	0.49	5.00	
113	2405	1.03	5.00	
115	29446	1.49	5.00	
206	6624	0.80	5.00	
207	6131	0.41	5.00	
208	14451	0.43	5.00	
220	0	14.14		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	5295	5346	5348	5330	5344
24	49163	49185	49873	49556	49231
25	6509	6600	6602	6567	6536
26	7453	7453	7494	7458	7456
59	26420	26320	26393	26226	26106
113	2435	2418	2412	2382	2377
115	29867	29721	29615	29252	28775
206	6683	6679	6571	6585	6603
207	6160	6147	6125	6130	6094
208	14450	14502	14519	14419	14365
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	9264	9.00	8.9 - 9.1		0.763	0.900	
24	82947	23.95	23.9 - 24.1		0.783	0.900	
25	11012	24.95	24.9 - 25.1		0.784	0.900	
26	12740	25.95	25.9 - 26.1		0.781	0.900	
59	49281	59.00	58.9 - 59.1		0.731	0.900	
113	5148	113.00	112.9 - 113.1		0.683	0.900	
115	64002	115.00	114.9 - 115.1		0.708	0.900	
206	14379	205.95	205.9 - 206.1		0.729	0.900	
207	13181	206.95	206.9 - 207.1		0.727	0.900	
208	31340	207.95	207.9 - 208.1		0.736	0.900	
220	1	220.40	-		0.488		

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	9.0	V	Deflect	14.8	V
Extract 2	-160.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-70	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	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7147	1.67	
89	10635	1.81	
205	6129	1.38	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7254	7248	7147	7127	6959
89	10853	10718	10655	10624	10329
205	6234	6149	6131	6135	5998

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	8.8	V	Deflect	2.2	V
Extract 2	-150.0	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 : LB103878 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:02:57 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.17	-0.16	-0.01	0.00	N/A	ppb
Antimony	121-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Arsenic	75-1	-0.02	0.04	-0.02	0.00	N/A	ppb
Barium	135-1	-0.02	0.01	0.01	0.00	N/A	ppb
Barium	137-1	0.01	-0.01	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	0.21	0.23	-0.44	0.00	N/A	ppb
Boron	11-1	-0.02	-0.14	0.16	0.00	N/A	ppb
Cadmium	111-1	0.14	-0.33	0.18	0.00	N/A	ppb
Cadmium	106-1	0.54	-1.26	0.72	0.00	N/A	ppb
Cadmium	108-1	-0.09	0.00	0.09	0.00	N/A	ppb
Calcium	43-1	1.26	1.92	-3.19	0.00	N/A	ppb
Calcium	44-1	-0.58	1.89	-1.31	0.00	N/A	ppb
Chromium	52-2	0.01	0.00	-0.01	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.02	-0.04	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.01	0.22	-0.22	0.00	N/A	ppb
Iron	57-2	-0.04	2.00	-1.96	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.03	-0.02	-0.02	0.00	N/A	ppb
Lead	207-1	0.01	-0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.01	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.00	0.15	-0.15	0.00	N/A	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:02:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	-0.01	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.02	-0.02	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	0.01	-0.01	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-39.68	-22.19	-15.18	-25.68		ppb
Potassium	39-2	-2.94	-0.20	3.13	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	-0.50	0.02	0.48	0.00	N/A	ppb
Selenium	82-1	-0.51	0.00	0.51	0.00	N/A	ppb
Silicon	28-1	0.10	-0.23	0.13	0.00	N/A	ppb
Silver	109-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Silver	107-1	0.00	0.01	-0.01	0.00	N/A	ppb
Sodium	23-2	-1.32	-0.55	1.87	0.00	N/A	ppb
Strontium	86-1	-0.06	-0.02	0.08	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	309.11	239.64	415.29	321.34	27.53	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Thallium	205-1	0.01	0.00	-0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.02	0.00	0.02	0.00	N/A	ppb
Titanium	47-1	0.00	0.02	-0.02	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	-0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:02:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.08	0.04	-0.12	0.00	N/A	ppb
Zirconium	90-1	0.00	0.01	-0.01	0.00	N/A	ppb
Zirconium	91-1	-0.02	0.01	0.01	0.00	N/A	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.41	23.94	17.92	19.76	18.37	ppb
Antimony	121-1	1.96	1.83	1.94	1.91	3.71	ppb
Arsenic	75-1	1.15	1.00	0.95	1.03	9.96	ppb
Barium	135-1	9.51	10.58	10.01	10.03	5.34	ppb
Barium	137-1	10.75	10.25	10.00	10.33	3.69	ppb
Beryllium	9-1	0.96	1.01	1.07	1.01	5.33	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	24.05	22.54	22.00	22.86	4.65	ppb
Boron	11-1	23.54	24.05	25.14	24.24	3.37	ppb
Cadmium	111-1	0.86	0.84	0.73	0.81	8.80	ppb
Cadmium	106-1	0.27	0.32	0.01	0.20	84.39	ppb
Cadmium	108-1	0.89	0.53	1.07	0.83	33.08	ppb
Calcium	43-1	475.55	455.16	451.64	460.78	2.80	ppb
Calcium	44-1	482.76	474.00	457.81	471.53	2.68	ppb
Chromium	52-2	2.26	1.99	2.15	2.13	6.42	ppb
Cobalt	59-2	1.01	1.08	1.11	1.07	4.75	ppb
Copper	63-2	2.10	1.99	1.99	2.03	3.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				103		%
Indium	115-2				104		%
Iron	56-2	56.37	57.27	56.84	56.82	0.79	ppb
Iron	57-2	53.24	54.01	58.45	55.24	5.09	ppb
Krypton	83-1						cps
Lead	206-1	0.96	0.88	1.00	0.95	6.27	ppb
Lead	207-1	1.05	1.04	0.93	1.01	6.35	ppb
Lead	208-1	0.95	0.95	0.98	0.96	1.67	ppb
Lithium	6-1				107		%
Magnesium	24-2	528.55	539.98	531.84	533.46	1.10	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.14	1.02	1.07	5.65	ppb
Molybdenum	94-1	4.30	4.10	4.14	4.18	2.58	ppb
Molybdenum	95-1	3.71	3.78	3.84	3.78	1.77	ppb
Molybdenum	96-1	3.87	3.88	3.91	3.89	0.45	ppb
Molybdenum	97-1	4.11	3.79	3.85	3.92	4.41	ppb
Molybdenum	98-1	3.80	3.99	3.67	3.82	4.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.10	1.01	1.03	1.05	4.48	ppb
Phosphorus	31-2	11.11	15.93	50.01	25.68	82.55	ppb
Potassium	39-2	470.87	488.79	501.46	487.04	3.16	ppb
Rhodium	103-1				102		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				105		%
Selenium	77-2	3.15	2.09	9.36	4.87	80.64	ppb
Selenium	78-2	3.87	4.53	6.57	4.99	28.15	ppb
Selenium	82-1	6.36	5.76	5.79	5.97	5.67	ppb
Silicon	28-1	5.85	4.88	4.26	4.99	16.01	ppb
Silver	109-1	1.03	1.08	0.96	1.02	6.29	ppb
Silver	107-1	1.08	1.00	1.03	1.04	4.21	ppb
Sodium	23-2	507.99	517.46	508.25	511.23	1.06	ppb
Strontium	86-1	0.72	0.82	0.90	0.81	11.16	ppb
Strontium	88-1	1.02	0.95	0.96	0.98	3.81	ppb
Sulfur	34-1	-48.64	-591.41	-323.98	-321.34		ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.93	0.83	0.93	0.90	6.19	ppb
Thallium	205-1	1.01	0.93	0.90	0.95	5.87	ppb
Thorium	232-1	0.90	0.87	0.93	0.90	3.38	ppb
Tin	118-1	5.18	5.29	5.10	5.19	1.87	ppb
Titanium	47-1	4.05	3.90	3.52	3.82	7.10	ppb
Uranium	238-1	0.93	0.90	0.96	0.93	3.03	ppb
Vanadium	51-2	5.28	5.42	5.20	5.30	2.04	ppb
Yttrium	89-1				106		%
Yttrium	89-2				105		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.39	1.55	1.44	1.46	5.59	ppb
Zirconium	90-1	1.01	0.89	0.91	0.94	6.62	ppb
Zirconium	91-1	1.08	0.98	0.87	0.98	10.66	ppb

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:14:46 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	968.83	996.07	986.34	983.75	1.40	ppb
Antimony	121-1	50.21	52.15	52.79	51.72	2.60	ppb
Arsenic	75-1	52.33	51.54	52.72	52.19	1.15	ppb
Barium	135-1	254.80	258.40	261.62	258.27	1.32	ppb
Barium	137-1	254.69	258.51	264.76	259.32	1.96	ppb
Beryllium	9-1	52.12	52.23	52.96	52.44	0.87	ppb
Bismuth	209-1				102		%
Bismuth	209-2				104		%
Boron	10-1	47.45	50.84	49.21	49.17	3.44	ppb
Boron	11-1	49.88	48.48	50.39	49.58	2.00	ppb
Cadmium	111-1	49.72	52.95	51.73	51.47	3.16	ppb
Cadmium	106-1	50.01	56.63	53.52	53.38	6.20	ppb
Cadmium	108-1	47.33	49.42	54.26	50.34	7.06	ppb
Calcium	43-1	4864.81	4932.46	5039.19	4945.49	1.78	ppb
Calcium	44-1	4742.62	4794.71	4871.52	4802.95	1.35	ppb
Chromium	52-2	52.87	51.69	50.75	51.77	2.05	ppb
Cobalt	59-2	52.85	52.89	51.40	52.38	1.62	ppb
Copper	63-2	103.29	103.18	100.57	102.35	1.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				104		%
Iron	56-2	2548.12	2526.20	2478.91	2517.74	1.40	ppb
Iron	57-2	2660.76	2591.32	2563.44	2605.17	1.92	ppb
Krypton	83-1						cps
Lead	206-1	50.53	50.36	51.40	50.76	1.10	ppb
Lead	207-1	49.60	50.59	51.59	50.59	1.96	ppb
Lead	208-1	49.94	50.32	51.10	50.45	1.17	ppb
Lithium	6-1				105		%
Magnesium	24-2	5286.84	5252.85	5134.36	5224.68	1.53	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:14:46	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	105.80	104.05	101.68	103.84	1.99	ppb
Molybdenum	94-1	250.71	252.48	254.82	252.67	0.82	ppb
Molybdenum	95-1	245.99	250.14	249.54	248.56	0.90	ppb
Molybdenum	96-1	248.13	250.66	250.92	249.90	0.62	ppb
Molybdenum	97-1	253.50	257.11	258.91	256.51	1.07	ppb
Molybdenum	98-1	247.99	250.57	252.07	250.21	0.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.81	52.65	51.02	52.16	1.89	ppb
Phosphorus	31-2	1069.50	1018.50	1009.55	1032.52	3.13	ppb
Potassium	39-2	2561.20	2510.17	2457.49	2509.62	2.07	ppb
Rhodium	103-1				101		%
Rhodium	103-2				104		%
Scandium	45-1				102		%
Scandium	45-2				104		%
Selenium	77-2	51.86	54.49	53.11	53.15	2.47	ppb
Selenium	78-2	44.42	45.17	51.12	46.90	7.83	ppb
Selenium	82-1	50.45	52.31	52.88	51.88	2.45	ppb
Silicon	28-1	44.16	46.64	48.76	46.52	4.95	ppb
Silver	109-1	51.99	53.13	52.49	52.53	1.09	ppb
Silver	107-1	50.70	52.24	52.81	51.92	2.10	ppb
Sodium	23-2	5177.72	5143.83	5088.21	5136.59	0.88	ppb
Strontium	86-1	50.86	51.43	50.77	51.02	0.70	ppb
Strontium	88-1	50.34	51.12	51.96	51.14	1.59	ppb
Sulfur	34-1	877.77	1124.38	1153.14	1051.76	14.39	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	48.49	48.57	49.43	48.83	1.07	ppb
Thallium	205-1	48.33	48.84	49.42	48.87	1.11	ppb
Thorium	232-1	46.90	46.80	47.72	47.14	1.07	ppb
Tin	118-1	50.27	50.35	52.28	50.97	2.24	ppb
Titanium	47-1	249.44	247.28	253.85	250.19	1.34	ppb
Uranium	238-1	47.81	48.63	49.22	48.55	1.46	ppb
Vanadium	51-2	51.59	51.71	50.29	51.20	1.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				104		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:14:46	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	102.02	95.88	96.80	98.24	3.37	ppb
Zirconium	90-1	48.75	49.56	49.58	49.30	0.96	ppb
Zirconium	91-1	50.35	52.13	50.29	50.92	2.06	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2448.60	2510.90	2516.24	2491.91	1.51	ppb
Antimony	121-1	130.92	130.53	130.24	130.56	0.26	ppb
Arsenic	75-1	132.93	129.99	131.28	131.40	1.12	ppb
Barium	135-1	642.99	647.92	659.30	650.07	1.29	ppb
Barium	137-1	654.75	643.57	657.22	651.85	1.12	ppb
Beryllium	9-1	129.89	130.16	130.94	130.33	0.42	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	125.36	124.35	127.61	125.77	1.33	ppb
Boron	11-1	124.22	123.43	130.83	126.16	3.22	ppb
Cadmium	111-1	125.22	125.58	127.19	125.99	0.84	ppb
Cadmium	106-1	122.74	124.69	120.77	122.74	1.60	ppb
Cadmium	108-1	132.51	122.26	121.39	125.39	4.93	ppb
Calcium	43-1	12446.24	12284.27	12377.90	12369.47	0.66	ppb
Calcium	44-1	12199.54	12151.53	12131.05	12160.71	0.29	ppb
Chromium	52-2	129.97	130.73	132.33	131.01	0.92	ppb
Cobalt	59-2	132.03	133.67	134.71	133.47	1.01	ppb
Copper	63-2	255.16	257.66	261.27	258.03	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	6314.80	6325.12	6437.32	6359.08	1.07	ppb
Iron	57-2	6483.59	6624.00	6759.78	6622.46	2.09	ppb
Krypton	83-1						cps
Lead	206-1	127.47	128.12	129.71	128.43	0.90	ppb
Lead	207-1	127.06	126.49	129.53	127.69	1.27	ppb
Lead	208-1	126.86	127.22	128.42	127.50	0.64	ppb
Lithium	6-1				102		%
Magnesium	24-2	12610.96	12764.45	13031.30	12802.24	1.66	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.48	261.59	267.87	262.98	1.66	ppb
Molybdenum	94-1	638.42	629.44	633.83	633.90	0.71	ppb
Molybdenum	95-1	624.09	618.46	627.70	623.42	0.75	ppb
Molybdenum	96-1	636.90	623.51	630.25	630.22	1.06	ppb
Molybdenum	97-1	645.59	640.17	649.13	644.97	0.70	ppb
Molybdenum	98-1	628.49	623.28	624.33	625.37	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	129.89	132.99	137.03	133.30	2.68	ppb
Phosphorus	31-2	2520.28	2509.82	2430.09	2486.73	1.98	ppb
Potassium	39-2	6176.94	6268.57	6426.91	6290.81	2.01	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	115.20	116.67	117.52	116.47	1.01	ppb
Selenium	78-2	124.87	131.37	131.63	129.29	2.96	ppb
Selenium	82-1	130.72	128.35	127.29	128.78	1.36	ppb
Silicon	28-1	122.96	122.61	125.10	123.56	1.09	ppb
Silver	109-1	130.90	126.96	130.37	129.41	1.65	ppb
Silver	107-1	130.49	130.22	130.25	130.32	0.12	ppb
Sodium	23-2	12443.20	12486.58	12768.74	12566.17	1.41	ppb
Strontium	86-1	130.26	126.89	126.63	127.93	1.58	ppb
Strontium	88-1	128.29	126.84	127.17	127.43	0.60	ppb
Sulfur	34-1	2497.91	2183.58	2323.47	2334.99	6.74	ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	121.01	121.93	122.86	121.93	0.76	ppb
Thallium	205-1	122.91	124.50	124.04	123.81	0.66	ppb
Thorium	232-1	120.03	119.51	120.93	120.16	0.60	ppb
Tin	118-1	129.61	128.44	131.08	129.71	1.02	ppb
Titanium	47-1	628.13	621.09	624.28	624.50	0.56	ppb
Uranium	238-1	124.56	123.51	125.43	124.50	0.77	ppb
Vanadium	51-2	128.43	128.58	131.68	129.56	1.41	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	244.52	249.58	251.88	248.66	1.51	ppb
Zirconium	90-1	125.83	123.97	125.03	124.94	0.75	ppb
Zirconium	91-1	131.70	129.74	129.30	130.25	0.98	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4822.54	4820.11	4818.35	4820.33	0.04	ppb
Antimony	121-1	260.56	258.68	257.32	258.85	0.63	ppb
Arsenic	75-1	262.11	259.58	258.85	260.18	0.66	ppb
Barium	135-1	1273.92	1280.43	1278.72	1277.69	0.26	ppb
Barium	137-1	1283.47	1276.11	1284.33	1281.30	0.35	ppb
Beryllium	9-1	260.14	256.49	258.56	258.40	0.71	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	244.10	249.07	254.05	249.07	2.00	ppb
Boron	11-1	247.34	252.03	256.86	252.08	1.89	ppb
Cadmium	111-1	247.70	245.47	249.82	247.66	0.88	ppb
Cadmium	106-1	241.32	245.98	248.46	245.26	1.48	ppb
Cadmium	108-1	258.26	245.80	256.85	253.64	2.69	ppb
Calcium	43-1	24560.75	24892.67	24990.44	24814.62	0.91	ppb
Calcium	44-1	24074.12	24214.80	24330.25	24206.39	0.53	ppb
Chromium	52-2	254.45	257.55	259.97	257.32	1.07	ppb
Cobalt	59-2	257.24	258.21	262.55	259.33	1.09	ppb
Copper	63-2	499.47	500.56	505.69	501.91	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				102		%
Indium	115-1				99		%
Indium	115-2				104		%
Iron	56-2	12538.41	12499.63	12376.62	12471.55	0.68	ppb
Iron	57-2	12842.56	12948.25	12909.37	12900.06	0.41	ppb
Krypton	83-1						cps
Lead	206-1	257.41	257.05	258.83	257.76	0.36	ppb
Lead	207-1	257.77	253.87	257.65	256.43	0.87	ppb
Lead	208-1	255.65	254.56	256.26	255.49	0.34	ppb
Lithium	6-1				101		%
Magnesium	24-2	25137.22	25043.68	25037.11	25072.67	0.22	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.07	513.25	517.06	512.79	0.88	ppb
Molybdenum	94-1	1257.26	1259.37	1243.13	1253.25	0.70	ppb
Molybdenum	95-1	1256.92	1256.87	1246.10	1253.29	0.50	ppb
Molybdenum	96-1	1245.59	1245.66	1250.22	1247.16	0.21	ppb
Molybdenum	97-1	1231.80	1246.76	1243.29	1240.61	0.63	ppb
Molybdenum	98-1	1241.52	1259.62	1248.59	1249.91	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	255.65	255.99	259.92	257.18	0.92	ppb
Phosphorus	31-2	5026.65	5061.15	4707.51	4931.77	3.95	ppb
Potassium	39-2	12169.77	12230.51	12188.89	12196.39	0.25	ppb
Rhodium	103-1				98		%
Rhodium	103-2				104		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	266.77	254.10	254.65	258.50	2.77	ppb
Selenium	78-2	243.84	254.70	257.51	252.02	2.87	ppb
Selenium	82-1	259.61	259.34	252.69	257.21	1.52	ppb
Silicon	28-1	246.27	254.80	257.67	252.91	2.35	ppb
Silver	109-1	254.00	252.23	255.18	253.81	0.59	ppb
Silver	107-1	250.54	252.03	253.60	252.06	0.61	ppb
Sodium	23-2	24800.90	24784.71	24861.08	24815.56	0.16	ppb
Strontium	86-1	253.24	255.28	256.04	254.85	0.57	ppb
Strontium	88-1	249.90	250.92	250.57	250.46	0.21	ppb
Sulfur	34-1	4788.98	4640.24	4504.69	4644.64	3.06	ppb
Terbium	159-1				104		%
Terbium	159-2				102		%
Thallium	203-1	248.91	245.42	247.35	247.23	0.71	ppb
Thallium	205-1	250.69	248.41	251.70	250.27	0.67	ppb
Thorium	232-1	242.83	242.16	242.90	242.63	0.17	ppb
Tin	118-1	255.17	253.91	254.53	254.53	0.25	ppb
Titanium	47-1	1245.35	1264.07	1247.79	1252.40	0.81	ppb
Uranium	238-1	244.30	244.18	244.55	244.34	0.08	ppb
Vanadium	51-2	253.62	251.84	254.96	253.47	0.62	ppb
Yttrium	89-1				104		%
Yttrium	89-2				104		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	483.15	485.25	483.56	483.99	0.23	ppb
Zirconium	90-1	245.50	249.64	245.31	246.82	0.99	ppb
Zirconium	91-1	258.41	262.65	260.50	260.52	0.81	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9557.85	9652.05	9437.13	9549.01	1.13	ppb
Antimony	121-1	503.11	502.82	507.90	504.61	0.57	ppb
Arsenic	75-1	512.73	514.61	514.12	513.82	0.19	ppb
Barium	135-1	2517.70	2501.74	2509.46	2509.64	0.32	ppb
Barium	137-1	2508.48	2481.88	2504.22	2498.19	0.57	ppb
Beryllium	9-1	507.93	509.01	508.69	508.54	0.11	ppb
Bismuth	209-1				104		%
Bismuth	209-2				106		%
Boron	10-1	498.47	495.71	493.66	495.95	0.49	ppb
Boron	11-1	489.28	504.35	510.21	501.28	2.15	ppb
Cadmium	111-1	486.89	487.93	490.44	488.42	0.37	ppb
Cadmium	106-1	484.56	487.29	490.67	487.51	0.63	ppb
Cadmium	108-1	491.25	483.00	474.31	482.86	1.75	ppb
Calcium	43-1	48682.87	48999.54	49108.73	48930.38	0.45	ppb
Calcium	44-1	48186.42	48268.80	48383.58	48279.60	0.21	ppb
Chromium	52-2	510.45	506.60	506.70	507.91	0.43	ppb
Cobalt	59-2	513.65	511.87	509.35	511.62	0.42	ppb
Copper	63-2	984.83	982.16	964.73	977.24	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				104		%
Indium	115-1				102		%
Indium	115-2				106		%
Iron	56-2	24899.61	24742.84	24410.26	24684.24	1.01	ppb
Iron	57-2	25405.82	25552.32	25543.49	25500.54	0.32	ppb
Krypton	83-1						cps
Lead	206-1	500.39	499.77	497.35	499.17	0.32	ppb
Lead	207-1	507.59	510.80	510.57	509.66	0.35	ppb
Lead	208-1	498.08	499.54	501.19	499.61	0.31	ppb
Lithium	6-1				103		%
Magnesium	24-2	50337.91	49379.87	48850.02	49522.60	1.52	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1017.14	1014.61	1013.36	1015.04	0.19	ppb
Molybdenum	94-1	2511.04	2495.75	2481.60	2496.13	0.59	ppb
Molybdenum	95-1	2515.07	2478.05	2500.24	2497.79	0.75	ppb
Molybdenum	96-1	2503.81	2490.60	2498.35	2497.58	0.27	ppb
Molybdenum	97-1	2486.52	2496.47	2493.89	2492.29	0.21	ppb
Molybdenum	98-1	2485.88	2502.44	2513.05	2500.46	0.55	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.53	513.88	503.80	509.07	0.99	ppb
Phosphorus	31-2	10074.52	10030.27	9922.17	10008.99	0.78	ppb
Potassium	39-2	24301.46	24049.33	23838.27	24063.02	0.96	ppb
Rhodium	103-1				99		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	490.30	527.49	507.59	508.46	3.66	ppb
Selenium	78-2	494.81	482.58	500.43	492.61	1.85	ppb
Selenium	82-1	505.58	509.25	511.88	508.90	0.62	ppb
Silicon	28-1	533.33	546.39	554.87	544.86	1.99	ppb
Silver	109-1	493.32	490.64	490.18	491.38	0.34	ppb
Silver	107-1	491.16	485.19	487.12	487.82	0.62	ppb
Sodium	23-2	49784.99	49169.65	48830.58	49261.74	0.98	ppb
Strontium	86-1	510.19	506.28	511.19	509.22	0.51	ppb
Strontium	88-1	503.72	504.31	504.45	504.16	0.08	ppb
Sulfur	34-1	9116.19	9380.62	9424.03	9306.95	1.79	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	491.33	493.43	489.63	491.47	0.39	ppb
Thallium	205-1	498.51	496.94	493.45	496.30	0.52	ppb
Thorium	232-1	494.50	492.79	486.12	491.14	0.90	ppb
Tin	118-1	497.23	496.84	503.39	499.15	0.74	ppb
Titanium	47-1	2441.95	2423.16	2420.38	2428.49	0.48	ppb
Uranium	238-1	497.92	495.47	487.39	493.59	1.12	ppb
Vanadium	51-2	502.82	504.51	499.80	502.38	0.48	ppb
Yttrium	89-1				106		%
Yttrium	89-2				107		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	962.52	954.63	954.77	957.30	0.47	ppb
Zirconium	90-1	500.90	498.98	497.83	499.24	0.31	ppb
Zirconium	91-1	501.82	501.07	499.58	500.82	0.23	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:30:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18901.59	18969.84	18792.43	18887.95	0.47	ppb
Antimony	121-1	1019.85	1042.37	921.89	994.70	6.44	ppb
Arsenic	75-1	1014.17	1041.17	913.56	989.63	6.80	ppb
Barium	135-1	5089.79	5263.01	4601.33	4984.71	6.88	ppb
Barium	137-1	5103.71	5244.20	4619.85	4989.26	6.56	ppb
Beryllium	9-1	1016.40	1038.31	923.81	992.84	6.12	ppb
Bismuth	209-1				106		%
Bismuth	209-2				106		%
Boron	10-1	1001.68	1068.99	936.10	1002.26	6.63	ppb
Boron	11-1	1001.20	1050.67	944.34	998.74	5.33	ppb
Cadmium	111-1	1025.83	1064.29	928.41	1006.18	6.96	ppb
Cadmium	106-1	1017.75	1086.21	918.69	1007.55	8.36	ppb
Cadmium	108-1	1035.19	1062.39	925.21	1007.60	7.21	ppb
Calcium	43-1	98261.34	101481.74	88089.27	95944.12	7.29	ppb
Calcium	44-1	98193.56	101803.43	88595.04	96197.34	7.10	ppb
Chromium	52-2	1011.23	989.86	979.02	993.37	1.65	ppb
Cobalt	59-2	1003.43	983.24	985.36	990.68	1.12	ppb
Copper	63-2	2056.90	1989.64	1982.82	2009.78	2.04	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	49723.61	48335.86	48069.15	48709.54	1.82	ppb
Iron	57-2	50520.45	49430.40	50605.83	50185.56	1.31	ppb
Krypton	83-1						cps
Lead	206-1	1035.36	1044.40	914.26	998.01	7.28	ppb
Lead	207-1	1027.67	1045.14	906.79	993.20	7.59	ppb
Lead	208-1	1029.84	1050.52	915.10	998.49	7.31	ppb
Lithium	6-1				105		%
Magnesium	24-2	99963.54	98326.80	97601.75	98630.70	1.23	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:30:21	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2005.34	1982.49	1974.58	1987.47	0.80	ppb
Molybdenum	94-1	5074.79	5256.80	4668.04	4999.88	6.03	ppb
Molybdenum	95-1	5076.25	5276.34	4649.07	5000.55	6.41	ppb
Molybdenum	96-1	5068.30	5314.14	4621.37	5001.27	7.02	ppb
Molybdenum	97-1	5091.22	5280.65	4638.27	5003.38	6.60	ppb
Molybdenum	98-1	5118.42	5277.95	4602.85	4999.74	7.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1011.06	988.45	978.06	992.52	1.70	ppb
Phosphorus	31-2	20258.46	20090.06	19689.27	20012.60	1.46	ppb
Potassium	39-2	48482.15	47150.35	46923.63	47518.71	1.77	ppb
Rhodium	103-1				100		%
Rhodium	103-2				105		%
Scandium	45-1				104		%
Scandium	45-2				107		%
Selenium	77-2	1018.43	973.96	991.27	994.55	2.25	ppb
Selenium	78-2	1024.37	989.26	994.80	1002.81	1.88	ppb
Selenium	82-1	1013.17	1053.85	912.50	993.17	7.33	ppb
Silicon	28-1	980.38	1037.43	913.93	977.25	6.32	ppb
Silver	109-1	1026.46	1050.27	931.32	1002.68	6.28	ppb
Silver	107-1	1033.69	1060.10	920.65	1004.81	7.37	ppb
Sodium	23-2	99575.30	97270.34	96273.26	97706.30	1.73	ppb
Strontium	86-1	1015.60	1048.52	917.15	993.76	6.88	ppb
Strontium	88-1	1025.20	1048.22	918.91	997.44	6.92	ppb
Sulfur	34-1	21413.28	22249.31	17697.63	20453.41	11.85	ppb
Terbium	159-1				111		%
Terbium	159-2				106		%
Thallium	203-1	1035.22	1060.98	920.01	1005.40	7.47	ppb
Thallium	205-1	1038.42	1050.33	917.21	1001.99	7.35	ppb
Thorium	232-1	1038.02	1065.89	917.15	1007.02	7.85	ppb
Tin	118-1	1036.21	1042.24	917.50	998.65	7.04	ppb
Titanium	47-1	5172.91	5324.77	4607.94	5035.21	7.50	ppb
Uranium	238-1	1037.47	1062.37	914.43	1004.75	7.88	ppb
Vanadium	51-2	1010.92	994.95	986.07	997.31	1.26	ppb
Yttrium	89-1				110		%
Yttrium	89-2				109		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:30:21	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2057.48	2004.00	2015.35	2025.61	1.39	ppb
Zirconium	90-1	1030.87	1051.14	921.65	1001.22	6.96	ppb
Zirconium	91-1	1019.33	1051.92	917.52	996.26	7.04	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:34:09	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100401.25	100832.09	99597.22	100276.86	0.63	ppb
Antimony	121-1	1.49	1.59	1.72	1.60	7.06	ppb
Arsenic	75-1	1.70	1.36	1.67	1.58	11.98	ppb
Barium	135-1	0.96	0.85	0.73	0.85	13.30	ppb
Barium	137-1	0.90	0.85	0.82	0.86	4.80	ppb
Beryllium	9-1	0.12	0.14	0.12	0.13	10.04	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	76.44	71.80	69.29	72.51	5.00	ppb
Boron	11-1	76.77	73.70	69.42	73.30	5.03	ppb
Cadmium	111-1	0.34	0.26	0.29	0.30	15.26	ppb
Cadmium	106-1	0.82	0.51	0.58	0.64	25.49	ppb
Cadmium	108-1	0.19	0.10	0.00	0.10	96.68	ppb
Calcium	43-1	497947.89	499100.78	505745.10	500931.25	0.84	ppb
Calcium	44-1	498543.78	500782.58	503621.85	500982.73	0.51	ppb
Chromium	52-2	9.80	10.14	9.88	9.94	1.76	ppb
Cobalt	59-2	12.70	12.68	12.84	12.74	0.67	ppb
Copper	63-2	2.23	2.19	2.23	2.22	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				93		%
Holmium	165-2				100		%
Indium	115-1				89		%
Indium	115-2				94		%
Iron	56-2	251204.79	249595.03	250064.74	250288.19	0.33	ppb
Iron	57-2	251132.29	250302.07	248213.05	249882.47	0.60	ppb
Krypton	83-1						cps
Lead	206-1	1.09	1.00	0.95	1.01	6.76	ppb
Lead	207-1	1.06	0.85	0.78	0.90	16.17	ppb
Lead	208-1	0.95	0.89	0.86	0.90	5.33	ppb
Lithium	6-1				94		%
Magnesium	24-2	502674.58	501175.53	497074.29	500308.13	0.58	ppb

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:34:09 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.36	5.60	5.56	5.51	2.40	ppb
Molybdenum	94-1	2.19	2.27	2.32	2.26	2.92	ppb
Molybdenum	95-1	2.74	2.68	2.49	2.64	5.03	ppb
Molybdenum	96-1	3.38	3.39	3.25	3.34	2.31	ppb
Molybdenum	97-1	2.46	2.26	2.40	2.37	4.28	ppb
Molybdenum	98-1	2.52	2.36	2.35	2.41	3.80	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	14.33	15.13	14.67	14.71	2.73	ppb
Phosphorus	31-2	-8.71	-4.24	-54.39	-22.45		ppb
Potassium	39-2	249870.76	252034.25	249907.13	250604.05	0.49	ppb
Rhodium	103-1				83		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				98		%
Selenium	77-2	1.12	1.13	0.00	0.75	86.60	ppb
Selenium	78-2	-0.63	-0.98	0.89	-0.24		ppb
Selenium	82-1	1.12	0.89	1.03	1.01	11.38	ppb
Silicon	28-1	14.62	14.22	12.63	13.82	7.60	ppb
Silver	109-1	0.16	0.10	0.08	0.11	35.19	ppb
Silver	107-1	0.12	0.09	0.07	0.09	31.26	ppb
Sodium	23-2	503622.35	502648.31	495345.61	500538.76	0.90	ppb
Strontium	86-1	4.30	4.70	4.82	4.61	5.91	ppb
Strontium	88-1	4.52	4.49	4.42	4.48	1.06	ppb
Sulfur	34-1	-2439.31	-1786.29	-1937.01	-2054.20		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.32	0.32	0.39	0.35	12.28	ppb
Thallium	205-1	0.47	0.40	0.39	0.42	9.93	ppb
Thorium	232-1	0.24	0.23	0.20	0.22	8.55	ppb
Tin	118-1	0.46	0.48	0.53	0.49	6.86	ppb
Titanium	47-1	0.81	1.01	1.10	0.97	15.39	ppb
Uranium	238-1	0.11	0.08	0.06	0.08	26.51	ppb
Vanadium	51-2	0.14	0.21	0.17	0.17	20.58	ppb
Yttrium	89-1				95		%
Yttrium	89-2				98		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:34:09	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.61	14.60	13.65	14.29	3.88	ppb
Zirconium	90-1	0.25	0.27	0.31	0.28	10.46	ppb
Zirconium	91-1	0.26	0.32	0.31	0.29	11.54	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	499.21	479.59	488.76	489.19	2.01	ppb
Antimony	121-1	207.24	209.11	206.89	207.75	0.57	ppb
Arsenic	75-1	212.30	211.26	210.67	211.41	0.39	ppb
Barium	135-1	105.43	106.70	102.96	105.03	1.81	ppb
Barium	137-1	104.19	105.26	104.74	104.73	0.51	ppb
Beryllium	9-1	104.04	104.24	105.94	104.74	1.00	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	22.50	21.24	19.65	21.13	6.76	ppb
Boron	11-1	19.61	20.25	20.40	20.09	2.10	ppb
Cadmium	111-1	97.78	97.34	97.52	97.55	0.22	ppb
Cadmium	106-1	78.46	81.10	82.01	80.52	2.29	ppb
Cadmium	108-1	105.17	105.75	96.72	102.55	4.93	ppb
Calcium	43-1	1996.86	1972.01	2042.49	2003.79	1.78	ppb
Calcium	44-1	2028.13	2013.88	2020.26	2020.76	0.35	ppb
Chromium	52-2	104.54	103.77	105.08	104.46	0.63	ppb
Cobalt	59-2	107.86	108.17	108.00	108.01	0.14	ppb
Copper	63-2	105.06	104.43	104.35	104.61	0.37	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				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	1112.14	1107.95	1115.71	1111.93	0.35	ppb
Iron	57-2	1086.45	1081.71	1148.46	1105.54	3.37	ppb
Krypton	83-1						cps
Lead	206-1	212.23	210.53	211.84	211.53	0.42	ppb
Lead	207-1	202.33	203.97	201.46	202.59	0.63	ppb
Lead	208-1	206.16	205.21	204.41	205.26	0.43	ppb
Lithium	6-1				101		%
Magnesium	24-2	1326.51	1293.48	1339.01	1319.67	1.78	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.71	102.92	104.93	104.18	1.06	ppb
Molybdenum	94-1	1396.60	1384.87	1373.09	1384.85	0.85	ppb
Molybdenum	95-1	1877.46	1880.63	1879.36	1879.15	0.08	ppb
Molybdenum	96-1	1806.02	1823.06	1823.39	1817.49	0.55	ppb
Molybdenum	97-1	1860.38	1870.39	1879.28	1870.02	0.51	ppb
Molybdenum	98-1	1869.47	1874.94	1891.78	1878.73	0.62	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	107.28	107.67	107.97	107.64	0.33	ppb
Phosphorus	31-2	-48.72	-44.22	-60.92	-51.29		ppb
Potassium	39-2	2063.13	2041.10	2081.46	2061.90	0.98	ppb
Rhodium	103-1				97		%
Rhodium	103-2				102		%
Scandium	45-1				97		%
Scandium	45-2				101		%
Selenium	77-2	204.70	207.06	201.30	204.35	1.42	ppb
Selenium	78-2	216.19	213.35	206.31	211.95	2.40	ppb
Selenium	82-1	205.03	209.27	209.11	207.80	1.16	ppb
Silicon	28-1	4.23	4.70	5.47	4.80	13.03	ppb
Silver	109-1	100.38	99.92	99.24	99.85	0.57	ppb
Silver	107-1	98.60	99.70	99.49	99.26	0.59	ppb
Sodium	23-2	2197.42	2183.88	2189.54	2190.28	0.31	ppb
Strontium	86-1	2.38	2.28	2.20	2.29	3.93	ppb
Strontium	88-1	2.47	2.44	2.51	2.47	1.49	ppb
Sulfur	34-1	-2246.18	-2273.78	-2406.58	-2308.84		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	201.48	202.01	202.59	202.03	0.27	ppb
Thallium	205-1	204.20	204.12	204.60	204.31	0.13	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	2.87	ppb
Tin	118-1	0.08	0.04	0.07	0.06	34.36	ppb
Titanium	47-1	1840.76	1851.91	1852.47	1848.38	0.36	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	103.59	103.10	102.22	102.97	0.67	ppb
Yttrium	89-1				101		%
Yttrium	89-2				102		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	203.15	200.29	201.44	201.63	0.71	ppb
Zirconium	90-1	0.14	0.12	0.12	0.13	8.03	ppb
Zirconium	91-1	0.31	0.16	0.19	0.22	34.53	ppb

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:45:21 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.74	0.74	0.24	0.57	49.86	ppb
Antimony	121-1	0.14	0.22	0.15	0.17	23.88	ppb
Arsenic	75-1	0.00	0.07	0.05	0.04	84.15	ppb
Barium	135-1	0.02	0.02	-0.02	0.01	269.59	ppb
Barium	137-1	0.03	-0.01	-0.01	0.01	452.36	ppb
Beryllium	9-1	-0.01	0.04	0.00	0.01	303.74	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	15.70	15.08	14.76	15.18	3.15	ppb
Boron	11-1	13.95	13.04	13.19	13.39	3.61	ppb
Cadmium	111-1	-0.27	0.01	-0.24	-0.17		ppb
Cadmium	106-1	-1.11	-0.04	-0.94	-0.69		ppb
Cadmium	108-1	0.00	0.00	-0.09	-0.03		ppb
Calcium	43-1	0.21	-0.53	4.17	1.28	196.68	ppb
Calcium	44-1	6.89	1.28	6.21	4.79	63.80	ppb
Chromium	52-2	-0.02	-0.05	0.04	-0.01		ppb
Cobalt	59-2	-0.01	-0.03	0.00	-0.01		ppb
Copper	63-2	-0.08	-0.06	0.00	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	1.20	1.51	2.04	1.59	26.96	ppb
Iron	57-2	1.76	-0.36	2.39	1.27	113.83	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.05	17.32	ppb
Lead	207-1	0.07	0.06	0.04	0.06	34.49	ppb
Lead	208-1	0.05	0.02	0.02	0.03	49.57	ppb
Lithium	6-1				101		%
Magnesium	24-2	3.35	2.18	3.45	2.99	23.52	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:45:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.00	-0.01	-0.01		ppb
Molybdenum	94-1	0.44	0.27	0.25	0.32	33.45	ppb
Molybdenum	95-1	0.50	0.41	0.42	0.44	11.36	ppb
Molybdenum	96-1	0.51	0.51	0.36	0.46	19.20	ppb
Molybdenum	97-1	0.50	0.44	0.30	0.41	24.65	ppb
Molybdenum	98-1	0.56	0.47	0.38	0.47	18.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.04	-0.02	-0.03		ppb
Phosphorus	31-2	-74.62	-69.01	-33.31	-58.98		ppb
Potassium	39-2	-0.66	-4.85	24.40	6.30	251.17	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-1.30	0.40	-0.29	-0.40		ppb
Selenium	82-1	0.30	0.33	0.20	0.28	23.23	ppb
Silicon	28-1	0.88	0.50	0.41	0.60	42.51	ppb
Silver	109-1	0.02	0.02	0.00	0.01	91.08	ppb
Silver	107-1	0.02	0.01	0.01	0.01	38.10	ppb
Sodium	23-2	40.12	39.45	56.69	45.42	21.51	ppb
Strontium	86-1	-0.14	-0.16	-0.14	-0.15		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	34.78	ppb
Sulfur	34-1	-2118.25	-2147.72	-2050.83	-2105.60		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.09	0.07	0.10	0.09	13.49	ppb
Thallium	205-1	0.08	0.07	0.07	0.07	8.49	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	13.23	ppb
Tin	118-1	0.08	0.07	0.06	0.07	14.90	ppb
Titanium	47-1	0.20	0.27	0.14	0.20	33.35	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:45:21	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.33	-0.19	-0.41	-0.31		ppb
Zirconium	90-1	0.00	-0.01	-0.01	-0.01		ppb
Zirconium	91-1	0.03	0.07	0.04	0.05	53.97	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:48:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93165.61	92488.88	93579.24	93077.91	0.59	ppb
Antimony	121-1	1.29	1.25	1.30	1.28	2.30	ppb
Arsenic	75-1	1.28	1.51	1.46	1.42	8.51	ppb
Barium	135-1	1.70	1.48	1.66	1.61	7.25	ppb
Barium	137-1	1.51	1.70	1.45	1.55	8.41	ppb
Beryllium	9-1	0.33	0.31	0.21	0.28	22.14	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	13.47	11.44	11.65	12.19	9.14	ppb
Boron	11-1	12.24	11.08	11.06	11.46	5.91	ppb
Cadmium	111-1	0.81	0.42	0.79	0.68	33.26	ppb
Cadmium	106-1	0.05	-1.61	-0.20	-0.59		ppb
Cadmium	108-1	14.54	12.94	13.15	13.55	6.43	ppb
Calcium	43-1	97083.46	96363.58	96778.33	96741.79	0.37	ppb
Calcium	44-1	98699.24	99274.14	98762.51	98911.97	0.32	ppb
Chromium	52-2	22.07	21.63	22.29	22.00	1.52	ppb
Cobalt	59-2	1.33	1.35	1.31	1.33	1.55	ppb
Copper	63-2	8.24	8.06	8.19	8.16	1.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	102997.96	102575.16	103672.30	103081.81	0.54	ppb
Iron	57-2	102882.67	101932.51	104136.64	102983.94	1.07	ppb
Krypton	83-1						cps
Lead	206-1	5.42	5.54	5.05	5.34	4.82	ppb
Lead	207-1	5.13	4.74	4.80	4.89	4.37	ppb
Lead	208-1	5.14	5.01	4.83	5.00	3.06	ppb
Lithium	6-1				101		%
Magnesium	24-2	104543.70	104276.89	104392.50	104404.36	0.13	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:48:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.57	8.63	8.68	8.63	0.64	ppb
Molybdenum	94-1	1142.92	1122.92	1118.06	1127.96	1.17	ppb
Molybdenum	95-1	1501.18	1518.60	1504.96	1508.24	0.61	ppb
Molybdenum	96-1	1473.34	1491.02	1477.63	1480.66	0.62	ppb
Molybdenum	97-1	1486.36	1496.44	1486.61	1489.80	0.39	ppb
Molybdenum	98-1	1513.64	1528.93	1497.11	1513.23	1.05	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.98	6.04	5.91	5.98	1.04	ppb
Phosphorus	31-2	102473.18	101315.84	102706.66	102165.23	0.73	ppb
Potassium	39-2	103763.09	102966.67	101861.77	102863.84	0.93	ppb
Rhodium	103-1				94		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	2.11	0.00	1.04	1.05	100.55	ppb
Selenium	78-2	0.20	1.52	-1.43	0.10	1489.36	ppb
Selenium	82-1	0.83	0.13	0.11	0.36	115.71	ppb
Silicon	28-1	16.92	16.29	16.01	16.41	2.84	ppb
Silver	109-1	0.04	0.02	0.05	0.04	53.80	ppb
Silver	107-1	0.05	0.03	0.05	0.04	25.14	ppb
Sodium	23-2	105261.36	104815.62	104981.41	105019.47	0.21	ppb
Strontium	86-1	35.44	35.55	36.95	35.98	2.35	ppb
Strontium	88-1	36.51	36.35	35.91	36.26	0.86	ppb
Sulfur	34-1	129047.61	129564.53	129723.07	129445.07	0.27	ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.10	0.10	0.11	0.10	4.92	ppb
Thallium	205-1	0.13	0.11	0.10	0.11	13.75	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	6.74	ppb
Tin	118-1	0.21	0.21	0.21	0.21	1.13	ppb
Titanium	47-1	1544.14	1525.31	1517.60	1529.02	0.89	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	249.70	ppb
Vanadium	51-2	0.22	0.24	0.21	0.22	5.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:48:58	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.06	10.44	11.55	10.68	7.21	ppb
Zirconium	90-1	0.04	0.01	0.02	0.02	63.91	ppb
Zirconium	91-1	0.03	0.04	0.07	0.05	43.23	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:52:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94427.72	93740.58	93898.09	94022.13	0.38	ppb
Antimony	121-1	23.20	22.97	22.50	22.89	1.54	ppb
Arsenic	75-1	22.41	22.49	22.71	22.54	0.69	ppb
Barium	135-1	22.96	23.21	24.13	23.43	2.64	ppb
Barium	137-1	23.63	23.84	22.74	23.40	2.50	ppb
Beryllium	9-1	22.15	22.08	22.08	22.10	0.20	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	66.32	64.33	69.38	66.68	3.82	ppb
Boron	11-1	65.90	68.47	67.44	67.27	1.92	ppb
Cadmium	111-1	21.63	23.50	22.03	22.39	4.39	ppb
Cadmium	106-1	24.49	28.55	24.66	25.90	8.86	ppb
Cadmium	108-1	42.36	34.70	34.87	37.31	11.72	ppb
Calcium	43-1	97711.49	97125.48	97489.23	97442.07	0.30	ppb
Calcium	44-1	98779.10	99530.00	99628.78	99312.63	0.47	ppb
Chromium	52-2	44.64	43.35	44.17	44.05	1.48	ppb
Cobalt	59-2	23.38	23.69	23.57	23.54	0.67	ppb
Copper	63-2	29.24	29.48	29.42	29.38	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	105498.99	104369.29	104866.39	104911.56	0.54	ppb
Iron	57-2	105493.03	104449.59	104416.74	104786.45	0.58	ppb
Krypton	83-1						cps
Lead	206-1	29.44	28.45	28.49	28.79	1.94	ppb
Lead	207-1	26.53	26.30	26.03	26.29	0.95	ppb
Lead	208-1	27.33	26.83	26.79	26.98	1.11	ppb
Lithium	6-1				100		%
Magnesium	24-2	106870.76	105888.86	106691.18	106483.60	0.49	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:52:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	30.40	30.23	30.48	30.37	0.41	ppb
Molybdenum	94-1	1262.11	1233.69	1248.80	1248.20	1.14	ppb
Molybdenum	95-1	1580.49	1554.89	1577.38	1570.92	0.89	ppb
Molybdenum	96-1	1525.87	1515.61	1539.79	1527.09	0.79	ppb
Molybdenum	97-1	1533.60	1512.87	1540.40	1528.95	0.94	ppb
Molybdenum	98-1	1559.29	1559.60	1582.58	1567.15	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.93	27.73	27.60	27.75	0.60	ppb
Phosphorus	31-2	104805.33	104721.48	103509.91	104345.57	0.69	ppb
Potassium	39-2	106342.57	104965.18	104563.04	105290.27	0.89	ppb
Rhodium	103-1				94		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	26.14	25.90	28.15	26.73	4.62	ppb
Selenium	78-2	16.59	22.80	22.10	20.50	16.60	ppb
Selenium	82-1	21.09	21.40	20.42	20.97	2.40	ppb
Silicon	28-1	52.88	52.74	53.82	53.15	1.11	ppb
Silver	109-1	20.26	19.80	20.13	20.06	1.20	ppb
Silver	107-1	20.99	19.85	20.51	20.45	2.81	ppb
Sodium	23-2	107558.47	106940.67	106984.37	107161.17	0.32	ppb
Strontium	86-1	105.61	104.26	105.48	105.12	0.71	ppb
Strontium	88-1	105.84	103.83	105.60	105.09	1.05	ppb
Sulfur	34-1	130001.15	129261.52	130889.23	130050.63	0.63	ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	22.17	22.08	21.53	21.92	1.58	ppb
Thallium	205-1	22.53	22.01	21.39	21.98	2.61	ppb
Thorium	232-1	0.15	0.17	0.16	0.16	5.41	ppb
Tin	118-1	58.51	57.89	57.93	58.11	0.60	ppb
Titanium	47-1	1587.27	1588.30	1593.25	1589.61	0.20	ppb
Uranium	238-1	58.68	58.37	58.35	58.46	0.32	ppb
Vanadium	51-2	22.12	22.23	22.06	22.14	0.40	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:52:35	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.01	31.81	31.09	30.97	2.92	ppb
Zirconium	90-1	57.49	56.68	56.64	56.94	0.85	ppb
Zirconium	91-1	59.79	57.93	59.11	58.94	1.60	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52926.08	52276.44	52021.86	52408.13	0.89	ppb
Antimony	121-1	509.59	501.03	510.87	507.16	1.05	ppb
Arsenic	75-1	533.56	538.97	528.19	533.57	1.01	ppb
Barium	135-1	2530.86	2551.23	2553.36	2545.15	0.49	ppb
Barium	137-1	2521.51	2529.33	2572.56	2541.13	1.08	ppb
Beryllium	9-1	515.67	516.57	515.88	516.04	0.09	ppb
Bismuth	209-1				96		%
Bismuth	209-2				98		%
Boron	10-1	498.06	515.26	520.37	511.23	2.29	ppb
Boron	11-1	497.68	517.38	523.17	512.74	2.61	ppb
Cadmium	111-1	533.23	535.37	535.28	534.63	0.23	ppb
Cadmium	106-1	540.18	551.29	532.43	541.30	1.75	ppb
Cadmium	108-1	525.69	528.02	539.08	530.93	1.35	ppb
Calcium	43-1	243836.68	244614.23	245763.80	244738.24	0.40	ppb
Calcium	44-1	243944.05	242891.28	242796.31	243210.55	0.26	ppb
Chromium	52-2	507.00	501.02	501.69	503.24	0.65	ppb
Cobalt	59-2	498.49	494.49	493.19	495.39	0.56	ppb
Copper	63-2	1052.84	1055.57	1046.29	1051.57	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				105		%
Indium	115-1				99		%
Indium	115-2				106		%
Iron	56-2	124545.10	122277.79	122423.70	123082.20	1.03	ppb
Iron	57-2	124402.40	122839.53	122902.15	123381.36	0.72	ppb
Krypton	83-1						cps
Lead	206-1	529.08	520.82	519.63	523.17	0.98	ppb
Lead	207-1	534.69	527.55	525.21	529.15	0.93	ppb
Lead	208-1	522.32	519.10	518.86	520.09	0.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	250063.29	245989.01	244382.97	246811.75	1.19	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	998.52	1001.25	995.99	998.59	0.26	ppb
Molybdenum	94-1	2421.16	2408.94	2412.59	2414.23	0.26	ppb
Molybdenum	95-1	2383.48	2363.22	2390.00	2378.90	0.59	ppb
Molybdenum	96-1	2368.41	2359.52	2397.34	2375.09	0.83	ppb
Molybdenum	97-1	2376.72	2373.55	2378.98	2376.41	0.11	ppb
Molybdenum	98-1	2383.39	2391.67	2384.25	2386.44	0.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	488.32	486.26	488.53	487.70	0.26	ppb
Phosphorus	31-2	9921.73	9786.05	9682.62	9796.80	1.22	ppb
Potassium	39-2	126511.70	123805.57	124636.53	124984.60	1.11	ppb
Rhodium	103-1				95		%
Rhodium	103-2				103		%
Scandium	45-1				103		%
Scandium	45-2				111		%
Selenium	77-2	483.26	501.55	496.55	493.79	1.91	ppb
Selenium	78-2	508.92	500.23	514.36	507.84	1.40	ppb
Selenium	82-1	503.89	505.16	505.46	504.83	0.17	ppb
Silicon	28-1	397.49	410.14	421.03	409.55	2.88	ppb
Silver	109-1	522.76	524.81	529.81	525.79	0.69	ppb
Silver	107-1	521.79	519.82	531.31	524.31	1.17	ppb
Sodium	23-2	249532.62	247739.39	248522.61	248598.21	0.36	ppb
Strontium	86-1	522.65	516.41	512.47	517.18	0.99	ppb
Strontium	88-1	512.54	513.24	511.55	512.44	0.17	ppb
Sulfur	34-1	10450.28	10401.91	10345.39	10399.20	0.50	ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	514.48	512.68	510.87	512.68	0.35	ppb
Thallium	205-1	521.53	514.70	513.61	516.61	0.83	ppb
Thorium	232-1	524.26	525.71	526.85	525.60	0.25	ppb
Tin	118-1	505.70	502.04	512.26	506.67	1.02	ppb
Titanium	47-1	2333.07	2332.83	2339.85	2335.25	0.17	ppb
Uranium	238-1	527.27	522.31	531.36	526.98	0.86	ppb
Vanadium	51-2	512.34	505.91	504.80	507.69	0.80	ppb
Yttrium	89-1				107		%
Yttrium	89-2				111		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1061.31	1068.59	1051.92	1060.61	0.79	ppb
Zirconium	90-1	511.51	513.49	504.92	509.98	0.88	ppb
Zirconium	91-1	523.24	513.19	508.54	514.99	1.46	ppb

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P7
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:59:52 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.01	1.69	1.38	2.03	42.68	ppb
Antimony	121-1	0.29	0.35	0.43	0.36	19.68	ppb
Arsenic	75-1	0.12	0.17	0.01	0.10	84.82	ppb
Barium	135-1	0.08	0.05	0.10	0.08	30.29	ppb
Barium	137-1	0.10	0.08	0.09	0.09	9.73	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	77.81	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	27.20	27.01	27.22	27.15	0.43	ppb
Boron	11-1	28.19	26.61	25.30	26.70	5.41	ppb
Cadmium	111-1	0.45	-0.65	-0.09	-0.10		ppb
Cadmium	106-1	1.57	-2.56	-0.54	-0.51		ppb
Cadmium	108-1	-0.09	0.00	0.00	-0.03		ppb
Calcium	43-1	6.37	3.83	5.18	5.13	24.81	ppb
Calcium	44-1	16.16	13.38	15.55	15.03	9.73	ppb
Chromium	52-2	-0.06	0.00	0.03	-0.01		ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	0.22	0.13	0.13	0.16	34.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				102		%
Indium	115-2				105		%
Iron	56-2	4.64	4.10	3.81	4.18	10.03	ppb
Iron	57-2	1.30	4.71	4.31	3.44	54.14	ppb
Krypton	83-1						cps
Lead	206-1	0.20	0.15	0.13	0.16	23.43	ppb
Lead	207-1	0.12	0.13	0.21	0.15	32.49	ppb
Lead	208-1	0.15	0.14	0.16	0.15	5.69	ppb
Lithium	6-1				103		%
Magnesium	24-2	8.84	7.13	8.08	8.02	10.73	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:59:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.03	0.05	0.04	32.00	ppb
Molybdenum	94-1	0.54	0.49	0.44	0.49	10.09	ppb
Molybdenum	95-1	0.52	0.57	0.41	0.50	16.92	ppb
Molybdenum	96-1	0.62	0.52	0.47	0.54	14.46	ppb
Molybdenum	97-1	0.54	0.51	0.48	0.51	5.76	ppb
Molybdenum	98-1	0.55	0.42	0.43	0.46	15.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	0.01	-0.02	-0.01		ppb
Phosphorus	31-2	-51.22	-57.92	-52.09	-53.74		ppb
Potassium	39-2	43.00	38.72	33.87	38.53	11.85	ppb
Rhodium	103-1				101		%
Rhodium	103-2				105		%
Scandium	45-1				101		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.55	-0.38	0.49	-0.15		ppb
Selenium	82-1	0.14	0.34	0.23	0.24	41.59	ppb
Silicon	28-1	2.49	1.36	0.99	1.62	48.45	ppb
Silver	109-1	0.04	0.06	0.07	0.06	29.80	ppb
Silver	107-1	0.08	0.06	0.06	0.07	17.60	ppb
Sodium	23-2	84.60	79.09	78.61	80.77	4.12	ppb
Strontium	86-1	-0.08	-0.09	-0.05	-0.08		ppb
Strontium	88-1	0.03	0.03	0.01	0.02	49.30	ppb
Sulfur	34-1	-1932.44	-1990.82	-1819.64	-1914.30		ppb
Terbium	159-1				104		%
Terbium	159-2				101		%
Thallium	203-1	0.12	0.14	0.09	0.12	22.52	ppb
Thallium	205-1	0.12	0.13	0.12	0.12	2.72	ppb
Thorium	232-1	0.08	0.07	0.06	0.07	14.42	ppb
Tin	118-1	0.14	0.19	0.09	0.14	33.58	ppb
Titanium	47-1	0.12	0.29	0.10	0.17	60.68	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	215.77	ppb
Vanadium	51-2	0.00	0.01	0.00	0.01	61.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:59:52	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.16	-0.17	-0.39	-0.24		ppb
Zirconium	90-1	0.06	0.04	0.03	0.04	36.51	ppb
Zirconium	91-1	0.05	0.00	0.04	0.03	102.07	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	21.81	19.80	17.61	19.74	10.65	ppb
Antimony	121-1	1.99	1.87	2.10	1.99	5.91	ppb
Arsenic	75-1	1.07	1.07	1.11	1.08	1.86	ppb
Barium	135-1	10.10	10.29	9.95	10.11	1.71	ppb
Barium	137-1	10.33	10.08	10.24	10.22	1.21	ppb
Beryllium	9-1	0.99	1.06	1.03	1.03	3.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				101		%
Boron	10-1	37.40	37.57	38.47	37.82	1.52	ppb
Boron	11-1	38.15	38.92	37.65	38.24	1.68	ppb
Cadmium	111-1	0.52	1.25	0.60	0.79	50.67	ppb
Cadmium	106-1	-1.48	2.24	-0.87	-0.03		ppb
Cadmium	108-1	1.75	1.24	0.53	1.17	52.43	ppb
Calcium	43-1	465.73	430.45	483.58	459.92	5.88	ppb
Calcium	44-1	487.27	486.99	478.25	484.17	1.06	ppb
Chromium	52-2	2.01	2.07	1.97	2.02	2.57	ppb
Cobalt	59-2	1.08	0.95	1.07	1.03	6.90	ppb
Copper	63-2	2.10	2.04	2.32	2.15	6.70	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				106		%
Iron	56-2	57.16	57.86	57.43	57.48	0.61	ppb
Iron	57-2	60.74	57.43	62.58	60.25	4.34	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.26	1.03	1.11	11.27	ppb
Lead	207-1	1.21	1.04	0.94	1.06	12.90	ppb
Lead	208-1	1.13	1.15	1.09	1.12	2.95	ppb
Lithium	6-1				105		%
Magnesium	24-2	538.16	545.85	548.51	544.18	0.99	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.91	0.93	1.16	1.00	13.92	ppb
Molybdenum	94-1	4.03	4.08	4.18	4.09	1.80	ppb
Molybdenum	95-1	3.99	3.80	4.02	3.94	3.00	ppb
Molybdenum	96-1	3.90	3.96	3.89	3.92	0.86	ppb
Molybdenum	97-1	3.74	3.85	3.91	3.84	2.27	ppb
Molybdenum	98-1	3.82	3.81	3.89	3.84	1.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.18	1.02	1.08	8.09	ppb
Phosphorus	31-2	17.55	-3.32	3.13	5.79	184.77	ppb
Potassium	39-2	517.61	511.87	524.02	517.83	1.17	ppb
Rhodium	103-1				102		%
Rhodium	103-2				106		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	5.19	9.19	3.11	5.83	53.00	ppb
Selenium	78-2	6.90	4.15	7.05	6.04	27.03	ppb
Selenium	82-1	5.32	5.06	5.32	5.23	2.91	ppb
Silicon	28-1	5.35	5.39	5.40	5.38	0.47	ppb
Silver	109-1	1.15	1.11	1.07	1.11	3.41	ppb
Silver	107-1	1.09	1.18	1.07	1.12	5.22	ppb
Sodium	23-2	580.64	568.84	568.22	572.57	1.22	ppb
Strontium	86-1	0.72	0.92	0.69	0.78	16.02	ppb
Strontium	88-1	1.06	1.00	1.02	1.03	3.22	ppb
Sulfur	34-1	-1583.77	-1400.08	-1504.04	-1495.96		ppb
Terbium	159-1				105		%
Terbium	159-2				102		%
Thallium	203-1	1.00	0.86	0.94	0.93	7.14	ppb
Thallium	205-1	0.92	0.94	0.96	0.94	2.26	ppb
Thorium	232-1	0.96	0.94	0.95	0.95	0.92	ppb
Tin	118-1	5.14	5.12	5.28	5.18	1.71	ppb
Titanium	47-1	4.15	3.93	4.01	4.03	2.75	ppb
Uranium	238-1	0.94	0.85	0.87	0.88	5.36	ppb
Vanadium	51-2	5.35	5.57	5.26	5.39	2.91	ppb
Yttrium	89-1				107		%
Yttrium	89-2				106		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.61	1.64	2.09	1.78	14.99	ppb
Zirconium	90-1	0.95	0.93	0.96	0.95	1.69	ppb
Zirconium	91-1	0.94	0.95	1.12	1.00	10.04	ppb

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : PB121140BL Instrumnet Name : P7
 Client Sample ID : PB121140BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:07:05 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.20	-0.51	0.56	-0.05		ppb
Antimony	121-1	0.03	0.04	0.04	0.04	23.05	ppb
Arsenic	75-1	0.01	0.09	0.08	0.06	73.65	ppb
Barium	135-1	-0.02	-0.01	-0.02	-0.02		ppb
Barium	137-1	0.00	-0.01	-0.03	-0.01		ppb
Beryllium	9-1	-0.03	0.00	-0.01	-0.02		ppb
Bismuth	209-1				104		%
Bismuth	209-2				103		%
Boron	10-1	12.09	10.37	10.12	10.86	9.88	ppb
Boron	11-1	11.33	11.14	11.07	11.18	1.19	ppb
Cadmium	111-1	0.34	-0.49	0.47	0.10	499.42	ppb
Cadmium	106-1	1.36	-1.96	1.74	0.38	536.25	ppb
Cadmium	108-1	-0.01	-0.09	-0.09	-0.06		ppb
Calcium	43-1	0.35	-3.44	4.21	0.37	1028.94	ppb
Calcium	44-1	4.29	4.72	3.40	4.14	16.27	ppb
Chromium	52-2	-0.04	0.06	-0.01	0.01	961.22	ppb
Cobalt	59-2	-0.03	-0.03	-0.02	-0.03		ppb
Copper	63-2	0.01	0.08	-0.02	0.02	236.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	0.32	0.09	0.24	0.22	55.48	ppb
Iron	57-2	-1.65	-1.46	0.13	-0.99		ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.12	0.12	0.13	14.20	ppb
Lead	207-1	0.12	0.11	0.09	0.11	16.72	ppb
Lead	208-1	0.11	0.08	0.08	0.09	21.07	ppb
Lithium	6-1				107		%
Magnesium	24-2	0.23	0.02	0.01	0.09	143.23	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BL	Instrumnet Name :	P7
Client Sample ID :	PB121140BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:07:05	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.02	0.02	28.39	ppb
Molybdenum	95-1	0.04	0.05	0.08	0.06	31.07	ppb
Molybdenum	96-1	0.07	0.04	0.08	0.06	32.18	ppb
Molybdenum	97-1	0.02	0.02	0.07	0.04	73.22	ppb
Molybdenum	98-1	0.06	0.07	0.08	0.07	8.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.03	0.01	-0.01		ppb
Phosphorus	31-2	-34.44	-42.98	-54.09	-43.84		ppb
Potassium	39-2	-0.48	6.14	6.33	4.00	97.12	ppb
Rhodium	103-1				103		%
Rhodium	103-2				108		%
Scandium	45-1				104		%
Scandium	45-2				108		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.87	-2.16	0.66	-0.21		ppb
Selenium	82-1	0.46	-0.34	0.84	0.32	187.50	ppb
Silicon	28-1	-1.52	-1.81	-1.72	-1.68		ppb
Silver	109-1	0.01	0.01	0.02	0.01	48.80	ppb
Silver	107-1	0.00	0.01	0.03	0.01	89.39	ppb
Sodium	23-2	37.25	38.17	34.35	36.59	5.45	ppb
Strontium	86-1	-0.05	-0.10	-0.07	-0.07		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	83.88	ppb
Sulfur	34-1	-1179.41	-1247.85	-1200.78	-1209.35		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.02	0.04	0.03	37.48	ppb
Thallium	205-1	0.02	0.02	0.01	0.02	34.00	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	12.15	ppb
Tin	118-1	0.02	0.06	0.01	0.03	93.20	ppb
Titanium	47-1	0.05	0.01	-0.02	0.01	320.39	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BL	Instrumnet Name :	P7
Client Sample ID :	PB121140BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:07:05	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.14	0.23	0.01	0.13	86.94	ppb
Zirconium	90-1	-0.01	0.00	0.01	0.00		ppb
Zirconium	91-1	0.02	-0.01	-0.02	0.00		ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BS	Instrumnet Name :	P7
Client Sample ID :	PB121140BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:10:40	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9707.94	9491.53	9724.93	9641.47	1.35	ppb
Antimony	121-1	511.30	500.80	512.74	508.28	1.28	ppb
Arsenic	75-1	507.06	503.65	520.24	510.32	1.72	ppb
Barium	135-1	2531.19	2502.63	2518.29	2517.37	0.57	ppb
Barium	137-1	2524.67	2525.96	2559.41	2536.68	0.78	ppb
Beryllium	9-1	508.82	507.57	513.46	509.95	0.61	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	488.85	485.90	496.46	490.40	1.11	ppb
Boron	11-1	482.86	491.77	507.46	494.03	2.52	ppb
Cadmium	111-1	492.44	498.65	499.54	496.88	0.78	ppb
Cadmium	106-1	494.68	502.99	501.95	499.88	0.91	ppb
Cadmium	108-1	494.47	500.63	506.51	500.54	1.20	ppb
Calcium	43-1	48987.25	48045.57	49046.94	48693.25	1.15	ppb
Calcium	44-1	48468.61	48330.96	48974.68	48591.42	0.70	ppb
Chromium	52-2	508.39	496.19	499.86	501.48	1.25	ppb
Cobalt	59-2	508.41	502.33	502.79	504.51	0.67	ppb
Copper	63-2	973.48	966.68	963.35	967.84	0.53	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				107		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	24829.23	24363.58	24446.23	24546.35	1.01	ppb
Iron	57-2	25591.13	25068.73	25157.15	25272.33	1.11	ppb
Krypton	83-1						cps
Lead	206-1	502.81	500.02	512.97	505.27	1.35	ppb
Lead	207-1	511.16	508.90	514.03	511.36	0.50	ppb
Lead	208-1	501.52	499.32	510.17	503.67	1.14	ppb
Lithium	6-1				109		%
Magnesium	24-2	51234.23	49863.75	49929.35	50342.44	1.54	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BS	Instrumnet Name :	P7
Client Sample ID :	PB121140BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:10:40	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1012.18	1005.84	1008.71	1008.91	0.31	ppb
Molybdenum	94-1	2445.48	2431.91	2497.95	2458.45	1.42	ppb
Molybdenum	95-1	2419.24	2416.05	2489.48	2441.59	1.70	ppb
Molybdenum	96-1	2426.42	2427.05	2510.91	2454.79	1.98	ppb
Molybdenum	97-1	2423.35	2412.48	2514.59	2450.14	2.29	ppb
Molybdenum	98-1	2425.68	2420.80	2495.20	2447.23	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	506.57	501.12	493.17	500.29	1.35	ppb
Phosphorus	31-2	10300.24	10024.02	9860.58	10061.61	2.21	ppb
Potassium	39-2	24567.06	24239.44	24062.70	24289.73	1.05	ppb
Rhodium	103-1				101		%
Rhodium	103-2				108		%
Scandium	45-1				105		%
Scandium	45-2				112		%
Selenium	77-2	490.61	488.58	499.06	492.75	1.13	ppb
Selenium	78-2	513.90	498.67	502.56	505.04	1.57	ppb
Selenium	82-1	500.11	504.81	512.92	505.95	1.28	ppb
Silicon	28-1	496.12	516.69	539.63	517.48	4.21	ppb
Silver	109-1	492.34	489.97	502.34	494.88	1.33	ppb
Silver	107-1	492.06	496.06	501.53	496.55	0.96	ppb
Sodium	23-2	51128.44	49640.32	49750.55	50173.10	1.65	ppb
Strontium	86-1	499.21	497.08	511.16	502.48	1.51	ppb
Strontium	88-1	494.36	499.83	513.69	502.62	1.98	ppb
Sulfur	34-1	10113.98	9893.49	10066.36	10024.61	1.16	ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	489.43	489.71	499.64	492.93	1.18	ppb
Thallium	205-1	500.55	498.37	514.75	504.56	1.76	ppb
Thorium	232-1	489.15	492.48	500.74	494.12	1.21	ppb
Tin	118-1	503.69	504.25	514.76	507.57	1.23	ppb
Titanium	47-1	2379.66	2390.51	2409.19	2393.12	0.62	ppb
Uranium	238-1	489.70	492.14	498.09	493.31	0.88	ppb
Vanadium	51-2	502.81	500.32	502.55	501.89	0.27	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BS	Instrumnet Name :	P7
Client Sample ID :	PB121140BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:10:40	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	961.71	950.74	955.70	956.05	0.57	ppb
Zirconium	90-1	494.52	491.86	509.25	498.54	1.88	ppb
Zirconium	91-1	498.98	493.34	510.91	501.07	1.79	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	39.79	35.96	41.18	38.98	6.93	ppb
Antimony	121-1	0.30	0.41	0.28	0.33	20.60	ppb
Arsenic	75-1	0.22	0.14	0.16	0.17	24.16	ppb
Barium	135-1	47.78	50.11	46.51	48.13	3.80	ppb
Barium	137-1	49.21	49.32	47.75	48.76	1.80	ppb
Beryllium	9-1	0.60	0.51	0.60	0.57	8.91	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	37.63	37.04	34.67	36.45	4.30	ppb
Boron	11-1	38.80	37.80	33.73	36.77	7.30	ppb
Cadmium	111-1	-0.35	-0.57	-0.06	-0.33		ppb
Cadmium	106-1	-2.17	-3.23	-1.11	-2.17		ppb
Cadmium	108-1	0.73	0.28	0.18	0.39	74.43	ppb
Calcium	43-1	3258.35	3185.54	3148.46	3197.45	1.75	ppb
Calcium	44-1	3197.74	3172.61	3107.38	3159.24	1.48	ppb
Chromium	52-2	2.41	2.42	2.17	2.33	6.11	ppb
Cobalt	59-2	23.92	23.21	23.59	23.57	1.51	ppb
Copper	63-2	32.07	30.98	32.15	31.73	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	75.74	76.57	77.25	76.52	0.99	ppb
Iron	57-2	85.24	94.11	87.09	88.82	5.27	ppb
Krypton	83-1						cps
Lead	206-1	0.52	0.53	0.46	0.51	7.37	ppb
Lead	207-1	0.45	0.51	0.42	0.46	10.24	ppb
Lead	208-1	0.50	0.47	0.45	0.48	5.17	ppb
Lithium	6-1				102		%
Magnesium	24-2	1306.23	1277.37	1300.53	1294.71	1.18	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	49.37	48.31	48.57	48.75	1.13	ppb
Molybdenum	94-1	0.42	0.53	0.39	0.45	16.15	ppb
Molybdenum	95-1	0.57	0.48	0.44	0.50	13.51	ppb
Molybdenum	96-1	0.65	0.47	0.43	0.51	23.00	ppb
Molybdenum	97-1	0.63	0.51	0.33	0.49	29.93	ppb
Molybdenum	98-1	0.61	0.49	0.39	0.50	22.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.74	26.81	27.71	27.08	2.00	ppb
Phosphorus	31-2	-67.64	-62.38	-37.27	-55.76		ppb
Potassium	39-2	1682.56	1685.18	1686.47	1684.74	0.12	ppb
Rhodium	103-1				98		%
Rhodium	103-2				103		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.00	4.22	1.41	173.21	ppb
Selenium	78-2	1.41	-0.36	0.74	0.60	150.02	ppb
Selenium	82-1	0.06	0.90	1.05	0.67	79.29	ppb
Silicon	28-1	2589.35	2584.53	2538.06	2570.65	1.10	ppb
Silver	109-1	0.05	0.05	0.04	0.05	14.20	ppb
Silver	107-1	0.08	0.08	0.06	0.07	15.98	ppb
Sodium	23-2	4368.55	4339.56	4334.76	4347.62	0.42	ppb
Strontium	86-1	40.08	40.15	40.03	40.09	0.15	ppb
Strontium	88-1	41.72	41.07	40.89	41.23	1.06	ppb
Sulfur	34-1	-839.67	-1007.17	-1337.84	-1061.56		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.27	0.21	0.26	0.25	13.53	ppb
Thallium	205-1	0.26	0.25	0.21	0.24	11.41	ppb
Thorium	232-1	0.12	0.09	0.10	0.10	10.98	ppb
Tin	118-1	0.67	0.60	0.74	0.67	10.27	ppb
Titanium	47-1	0.79	0.30	0.32	0.47	59.24	ppb
Uranium	238-1	0.54	0.55	0.50	0.53	4.28	ppb
Vanadium	51-2	0.05	0.04	0.04	0.04	4.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				104		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	120.31	121.32	121.34	120.99	0.49	ppb
Zirconium	90-1	0.07	0.02	0.05	0.05	48.61	ppb
Zirconium	91-1	0.08	0.06	0.07	0.07	16.40	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.95	37.99	38.74	38.23	1.16	ppb
Antimony	121-1	0.09	0.09	0.10	0.09	7.14	ppb
Arsenic	75-1	0.14	0.04	0.21	0.13	66.53	ppb
Barium	135-1	49.09	47.36	46.85	47.76	2.46	ppb
Barium	137-1	48.02	46.86	49.05	47.98	2.28	ppb
Beryllium	9-1	0.55	0.48	0.54	0.52	6.54	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	22.19	19.67	19.68	20.51	7.09	ppb
Boron	11-1	23.55	21.67	20.43	21.88	7.18	ppb
Cadmium	111-1	-0.15	-0.12	-0.56	-0.27		ppb
Cadmium	106-1	-1.33	-1.36	-2.86	-1.85		ppb
Cadmium	108-1	0.71	0.35	0.35	0.47	43.82	ppb
Calcium	43-1	3263.47	3140.29	3151.70	3185.15	2.14	ppb
Calcium	44-1	3201.52	3088.38	3068.68	3119.53	2.30	ppb
Chromium	52-2	2.30	2.14	2.30	2.25	4.14	ppb
Cobalt	59-2	22.95	22.98	22.62	22.85	0.87	ppb
Copper	63-2	30.80	31.29	31.05	31.04	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	72.26	74.11	74.42	73.59	1.59	ppb
Iron	57-2	80.51	77.50	82.33	80.11	3.04	ppb
Krypton	83-1						cps
Lead	206-1	0.49	0.42	0.46	0.46	8.11	ppb
Lead	207-1	0.55	0.41	0.49	0.48	14.30	ppb
Lead	208-1	0.47	0.41	0.44	0.44	6.96	ppb
Lithium	6-1				103		%
Magnesium	24-2	1249.16	1242.32	1256.57	1249.35	0.57	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	47.76	47.17	47.15	47.36	0.73	ppb
Molybdenum	94-1	0.11	0.11	0.09	0.10	12.58	ppb
Molybdenum	95-1	0.12	0.12	0.09	0.11	14.62	ppb
Molybdenum	96-1	0.15	0.13	0.13	0.14	10.16	ppb
Molybdenum	97-1	0.15	0.13	0.13	0.14	6.74	ppb
Molybdenum	98-1	0.17	0.10	0.14	0.14	25.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.53	26.47	26.41	26.13	2.02	ppb
Phosphorus	31-2	-60.78	-33.94	-44.06	-46.26		ppb
Potassium	39-2	1626.52	1633.67	1636.40	1632.20	0.31	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	2.04	2.04	2.05	2.04	0.35	ppb
Selenium	78-2	-0.29	-0.47	0.07	-0.23		ppb
Selenium	82-1	0.31	-0.09	0.38	0.20	125.19	ppb
Silicon	28-1	2564.14	2521.07	2519.48	2534.90	1.00	ppb
Silver	109-1	0.01	0.02	-0.01	0.00	300.07	ppb
Silver	107-1	0.03	0.03	0.00	0.02	94.42	ppb
Sodium	23-2	4231.08	4181.03	4211.39	4207.84	0.60	ppb
Strontium	86-1	41.46	39.94	39.74	40.38	2.33	ppb
Strontium	88-1	41.54	40.93	40.25	40.90	1.57	ppb
Sulfur	34-1	-1614.28	-1934.53	-1896.99	-1815.27		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	0.18	0.24	0.19	0.20	17.04	ppb
Thallium	205-1	0.21	0.20	0.15	0.18	17.98	ppb
Thorium	232-1	0.05	0.04	0.05	0.04	3.77	ppb
Tin	118-1	0.58	0.57	0.57	0.58	0.60	ppb
Titanium	47-1	0.36	0.33	0.30	0.33	8.97	ppb
Uranium	238-1	0.48	0.51	0.49	0.49	3.27	ppb
Vanadium	51-2	0.04	0.03	0.04	0.04	22.43	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	121.01	115.48	122.73	119.74	3.16	ppb
Zirconium	90-1	0.01	0.03	0.01	0.02	64.56	ppb
Zirconium	91-1	0.03	0.03	0.04	0.03	28.03	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.64	6.44	8.65	7.24	16.85	ppb
Antimony	121-1	0.03	0.03	0.06	0.04	41.08	ppb
Arsenic	75-1	0.07	0.04	0.06	0.06	19.86	ppb
Barium	135-1	8.87	9.89	9.05	9.27	5.86	ppb
Barium	137-1	9.79	9.19	9.51	9.50	3.19	ppb
Beryllium	9-1	0.08	0.07	0.14	0.10	39.17	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	12.59	11.17	12.34	12.03	6.33	ppb
Boron	11-1	10.73	10.93	11.35	11.00	2.85	ppb
Cadmium	111-1	0.13	-0.12	-0.20	-0.06		ppb
Cadmium	106-1	0.34	-0.68	-1.05	-0.47		ppb
Cadmium	108-1	0.17	0.17	0.18	0.17	1.82	ppb
Calcium	43-1	600.71	636.53	634.76	624.00	3.23	ppb
Calcium	44-1	623.01	621.51	616.42	620.31	0.56	ppb
Chromium	52-2	0.43	0.43	0.42	0.43	1.34	ppb
Cobalt	59-2	4.38	4.65	4.41	4.48	3.29	ppb
Copper	63-2	5.99	5.92	6.08	6.00	1.34	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				103		%
Indium	115-1				104		%
Indium	115-2				107		%
Iron	56-2	14.44	14.19	14.89	14.51	2.45	ppb
Iron	57-2	15.33	12.83	14.83	14.33	9.23	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.11	0.05	0.08	38.58	ppb
Lead	207-1	0.11	0.07	0.13	0.10	30.01	ppb
Lead	208-1	0.08	0.09	0.07	0.08	13.66	ppb
Lithium	6-1				104		%
Magnesium	24-2	252.69	250.30	253.56	252.18	0.67	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.19	9.39	9.16	9.25	1.39	ppb
Molybdenum	94-1	-0.02	-0.01	0.01	0.00		ppb
Molybdenum	95-1	0.06	0.04	0.06	0.05	24.58	ppb
Molybdenum	96-1	0.02	0.04	0.05	0.04	42.67	ppb
Molybdenum	97-1	0.02	0.00	0.03	0.02	80.06	ppb
Molybdenum	98-1	0.04	0.04	0.02	0.03	30.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.65	4.95	5.20	4.93	5.53	ppb
Phosphorus	31-2	-58.38	-61.38	-52.99	-57.59		ppb
Potassium	39-2	330.49	330.74	326.16	329.13	0.78	ppb
Rhodium	103-1				102		%
Rhodium	103-2				107		%
Scandium	45-1				102		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	1.02	0.34	173.21	ppb
Selenium	78-2	-0.30	0.03	0.55	0.09	471.39	ppb
Selenium	82-1	0.05	0.39	0.59	0.35	78.41	ppb
Silicon	28-1	493.55	497.95	494.45	495.32	0.47	ppb
Silver	109-1	-0.01	0.00	0.01	0.00	1771.56	ppb
Silver	107-1	0.00	0.01	0.00	0.00	318.11	ppb
Sodium	23-2	861.05	860.23	872.00	864.43	0.76	ppb
Strontium	86-1	7.97	7.62	7.68	7.76	2.45	ppb
Strontium	88-1	8.37	8.12	8.06	8.19	2.01	ppb
Sulfur	34-1	-3991.04	-3761.33	-3800.55	-3850.97		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.01	0.04	0.04	0.03	61.65	ppb
Thallium	205-1	0.01	0.03	0.03	0.02	36.36	ppb
Thorium	232-1	0.02	0.02	0.02	0.02	9.43	ppb
Tin	118-1	0.12	0.10	0.13	0.12	13.06	ppb
Titanium	47-1	0.05	0.05	0.02	0.04	41.91	ppb
Uranium	238-1	0.09	0.09	0.08	0.09	2.00	ppb
Vanadium	51-2	0.00	-0.01	-0.01	0.00		ppb
Yttrium	89-1				107		%
Yttrium	89-2				108		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	22.51	24.85	23.92	23.76	4.94	ppb
Zirconium	90-1	0.01	-0.01	0.00	0.00	601.24	ppb
Zirconium	91-1	0.02	-0.01	0.00	0.01	211.08	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2054.10	2031.79	2030.88	2038.92	0.65	ppb
Antimony	121-1	864.57	862.80	854.82	860.73	0.60	ppb
Arsenic	75-1	858.29	852.53	853.75	854.86	0.36	ppb
Barium	135-1	265.84	264.28	259.29	263.14	1.30	ppb
Barium	137-1	267.57	266.63	265.73	266.64	0.35	ppb
Beryllium	9-1	214.25	209.96	209.26	211.16	1.28	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	306.69	311.25	317.60	311.85	1.76	ppb
Boron	11-1	304.83	314.66	307.26	308.92	1.66	ppb
Cadmium	111-1	205.09	205.73	198.28	203.03	2.03	ppb
Cadmium	106-1	171.80	180.62	160.44	170.95	5.92	ppb
Cadmium	108-1	183.10	186.13	173.61	180.94	3.61	ppb
Calcium	43-1	4330.64	4310.39	4288.69	4309.91	0.49	ppb
Calcium	44-1	4225.26	4177.47	4209.66	4204.13	0.58	ppb
Chromium	52-2	443.95	441.86	442.07	442.62	0.26	ppb
Cobalt	59-2	248.20	250.44	247.69	248.78	0.59	ppb
Copper	63-2	360.94	364.13	359.26	361.44	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	3311.69	3325.77	3289.61	3309.02	0.55	ppb
Iron	57-2	3378.15	3481.62	3380.94	3413.57	1.73	ppb
Krypton	83-1						cps
Lead	206-1	1079.82	1074.03	1084.48	1079.45	0.48	ppb
Lead	207-1	1035.09	1012.37	1044.95	1030.80	1.62	ppb
Lead	208-1	1062.10	1049.50	1062.77	1058.12	0.71	ppb
Lithium	6-1				107		%
Magnesium	24-2	3509.96	3419.08	3496.60	3475.22	1.41	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	265.17	267.76	265.66	266.20	0.52	ppb
Molybdenum	94-1	239.88	237.45	237.26	238.20	0.61	ppb
Molybdenum	95-1	309.05	307.35	303.89	306.76	0.86	ppb
Molybdenum	96-1	306.07	302.47	302.85	303.79	0.65	ppb
Molybdenum	97-1	318.93	317.13	313.07	316.38	0.95	ppb
Molybdenum	98-1	313.88	311.25	308.63	311.25	0.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.45	585.58	582.02	585.68	0.63	ppb
Phosphorus	31-2	6318.32	6312.62	6316.14	6315.69	0.05	ppb
Potassium	39-2	12137.37	12209.72	12040.65	12129.24	0.70	ppb
Rhodium	103-1				100		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				106		%
Selenium	77-2	2216.10	2156.17	2231.31	2201.20	1.80	ppb
Selenium	78-2	2173.98	2156.70	2157.63	2162.77	0.45	ppb
Selenium	82-1	2139.38	2143.49	2125.26	2136.04	0.45	ppb
Silicon	28-1	3178.66	3202.93	3165.41	3182.33	0.60	ppb
Silver	109-1	83.94	82.08	81.00	82.34	1.81	ppb
Silver	107-1	82.59	81.62	81.12	81.78	0.92	ppb
Sodium	23-2	7460.59	7373.90	7502.49	7445.66	0.88	ppb
Strontium	86-1	253.86	250.86	252.42	252.38	0.60	ppb
Strontium	88-1	257.75	248.33	253.13	253.07	1.86	ppb
Sulfur	34-1	-1507.05	-1479.53	-1684.21	-1556.93		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	2117.70	2101.12	2133.58	2117.47	0.77	ppb
Thallium	205-1	2097.65	2099.81	2131.66	2109.71	0.90	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	4.89	ppb
Tin	118-1	748.58	746.43	740.32	745.11	0.58	ppb
Titanium	47-1	161.68	161.00	158.70	160.46	0.97	ppb
Uranium	238-1	0.51	0.49	0.47	0.49	4.81	ppb
Vanadium	51-2	325.25	324.74	324.34	324.78	0.14	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	327.92	331.20	329.69	329.60	0.50	ppb
Zirconium	90-1	0.17	0.16	0.15	0.16	6.25	ppb
Zirconium	91-1	0.46	0.25	0.45	0.39	30.70	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2029.86	2043.18	2041.23	2038.09	0.35	ppb
Antimony	121-1	855.54	855.12	859.48	856.71	0.28	ppb
Arsenic	75-1	876.92	857.02	864.31	866.08	1.16	ppb
Barium	135-1	263.75	261.43	260.46	261.88	0.65	ppb
Barium	137-1	269.41	265.83	264.33	266.52	0.98	ppb
Beryllium	9-1	212.16	206.88	211.81	210.28	1.41	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	324.22	323.80	322.78	323.60	0.23	ppb
Boron	11-1	325.09	322.71	323.53	323.78	0.37	ppb
Cadmium	111-1	202.92	202.16	205.73	203.60	0.92	ppb
Cadmium	106-1	160.16	170.08	172.58	167.61	3.92	ppb
Cadmium	108-1	185.43	179.54	180.88	181.95	1.70	ppb
Calcium	43-1	4369.93	4387.58	4351.16	4369.56	0.42	ppb
Calcium	44-1	4232.62	4255.13	4158.40	4215.38	1.20	ppb
Chromium	52-2	445.70	440.19	439.92	441.94	0.74	ppb
Cobalt	59-2	250.06	247.36	247.94	248.45	0.57	ppb
Copper	63-2	362.74	359.75	361.76	361.42	0.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				103		%
Indium	115-1				100		%
Indium	115-2				104		%
Iron	56-2	3350.39	3289.89	3313.11	3317.80	0.92	ppb
Iron	57-2	3443.07	3426.86	3403.27	3424.40	0.58	ppb
Krypton	83-1						cps
Lead	206-1	1098.71	1091.27	1085.44	1091.81	0.61	ppb
Lead	207-1	1059.30	1048.74	1041.67	1049.90	0.84	ppb
Lead	208-1	1075.18	1066.27	1066.04	1069.16	0.49	ppb
Lithium	6-1				108		%
Magnesium	24-2	3506.54	3484.05	3489.43	3493.34	0.34	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	267.19	264.41	266.23	265.94	0.53	ppb
Molybdenum	94-1	240.92	235.73	237.35	238.00	1.12	ppb
Molybdenum	95-1	313.77	306.46	308.18	309.47	1.24	ppb
Molybdenum	96-1	306.64	304.09	304.21	304.98	0.47	ppb
Molybdenum	97-1	318.89	316.59	319.18	318.22	0.45	ppb
Molybdenum	98-1	317.81	310.27	315.04	314.37	1.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	589.69	581.65	583.03	584.79	0.74	ppb
Phosphorus	31-2	6372.43	6082.33	6498.89	6317.89	3.38	ppb
Potassium	39-2	12191.46	11997.82	12059.83	12083.04	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				106		%
Scandium	45-1				100		%
Scandium	45-2				105		%
Selenium	77-2	2085.66	2096.90	2196.05	2126.20	2.86	ppb
Selenium	78-2	2189.64	2124.86	2143.08	2152.52	1.55	ppb
Selenium	82-1	2152.90	2153.31	2159.88	2155.36	0.18	ppb
Silicon	28-1	3233.15	3224.98	3200.57	3219.57	0.53	ppb
Silver	109-1	83.48	81.17	81.70	82.12	1.47	ppb
Silver	107-1	82.66	81.76	82.14	82.18	0.55	ppb
Sodium	23-2	7641.54	7556.12	7495.18	7564.28	0.97	ppb
Strontium	86-1	256.57	253.66	255.91	255.38	0.60	ppb
Strontium	88-1	259.10	257.26	249.29	255.22	2.04	ppb
Sulfur	34-1	-1566.46	-1563.34	-1821.58	-1650.46		ppb
Terbium	159-1				104		%
Terbium	159-2				103		%
Thallium	203-1	2125.69	2144.47	2111.18	2127.11	0.78	ppb
Thallium	205-1	2132.18	2154.58	2110.51	2132.42	1.03	ppb
Thorium	232-1	0.03	0.02	0.02	0.02	17.48	ppb
Tin	118-1	747.44	748.29	741.16	745.63	0.52	ppb
Titanium	47-1	162.11	158.70	159.19	160.00	1.15	ppb
Uranium	238-1	0.48	0.49	0.48	0.48	1.64	ppb
Vanadium	51-2	326.30	320.92	324.09	323.77	0.84	ppb
Yttrium	89-1				104		%
Yttrium	89-2				107		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	327.17	326.89	334.30	329.45	1.28	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	6.76	ppb
Zirconium	91-1	0.24	0.20	0.32	0.25	24.90	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1979.42	2000.46	1906.35	1962.08	2.52	ppb
Antimony	121-1	829.01	839.68	847.10	838.60	1.08	ppb
Arsenic	75-1	844.86	821.12	835.76	833.91	1.44	ppb
Barium	135-1	256.90	250.92	255.38	254.40	1.22	ppb
Barium	137-1	261.88	259.39	256.69	259.32	1.00	ppb
Beryllium	9-1	201.83	203.00	201.97	202.27	0.32	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	315.83	325.87	327.73	323.14	1.98	ppb
Boron	11-1	314.48	325.46	328.68	322.87	2.30	ppb
Cadmium	111-1	193.97	191.19	195.95	193.71	1.23	ppb
Cadmium	106-1	166.65	155.53	167.71	163.30	4.13	ppb
Cadmium	108-1	178.82	179.22	176.08	178.04	0.96	ppb
Calcium	43-1	4172.20	4154.18	4111.33	4145.90	0.75	ppb
Calcium	44-1	4117.43	4057.26	4043.24	4072.64	0.97	ppb
Chromium	52-2	426.58	431.47	401.56	419.87	3.82	ppb
Cobalt	59-2	241.30	242.34	226.68	236.78	3.70	ppb
Copper	63-2	350.28	353.67	329.16	344.37	3.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				106		%
Indium	115-1				102		%
Indium	115-2				107		%
Iron	56-2	3238.42	3240.32	3014.54	3164.43	4.10	ppb
Iron	57-2	3348.67	3297.80	3105.06	3250.51	3.95	ppb
Krypton	83-1						cps
Lead	206-1	1054.24	1040.06	1062.77	1052.36	1.09	ppb
Lead	207-1	1021.66	1006.08	1012.43	1013.39	0.77	ppb
Lead	208-1	1041.20	1028.05	1034.62	1034.62	0.64	ppb
Lithium	6-1				111		%
Magnesium	24-2	3409.10	3421.30	3208.55	3346.32	3.57	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	254.50	261.14	241.12	252.25	4.04	ppb
Molybdenum	94-1	231.88	230.53	231.57	231.33	0.31	ppb
Molybdenum	95-1	302.59	299.27	298.57	300.14	0.72	ppb
Molybdenum	96-1	297.13	296.45	295.37	296.32	0.30	ppb
Molybdenum	97-1	311.55	304.89	311.42	309.29	1.23	ppb
Molybdenum	98-1	305.05	300.52	305.62	303.73	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	567.16	570.34	534.86	557.45	3.52	ppb
Phosphorus	31-2	6021.46	6118.29	5572.59	5904.12	4.93	ppb
Potassium	39-2	11761.76	11790.13	10997.74	11516.54	3.90	ppb
Rhodium	103-1				101		%
Rhodium	103-2				110		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	2133.71	2073.04	2035.04	2080.60	2.39	ppb
Selenium	78-2	2132.69	2133.48	2005.71	2090.63	3.52	ppb
Selenium	82-1	2089.02	2076.82	2056.28	2074.04	0.80	ppb
Silicon	28-1	3079.93	3111.80	3131.07	3107.60	0.83	ppb
Silver	109-1	80.05	78.67	80.29	79.67	1.10	ppb
Silver	107-1	79.83	80.76	78.59	79.73	1.37	ppb
Sodium	23-2	7367.65	7328.56	6871.96	7189.39	3.83	ppb
Strontium	86-1	249.69	245.60	246.23	247.17	0.89	ppb
Strontium	88-1	245.72	243.68	245.08	244.83	0.43	ppb
Sulfur	34-1	-2123.73	-2111.56	-2302.18	-2179.16		ppb
Terbium	159-1				106		%
Terbium	159-2				107		%
Thallium	203-1	2061.06	2044.13	2068.36	2057.85	0.60	ppb
Thallium	205-1	2061.75	2063.38	2064.07	2063.07	0.06	ppb
Thorium	232-1	0.02	0.02	0.03	0.02	15.19	ppb
Tin	118-1	719.42	720.07	731.63	723.71	0.95	ppb
Titanium	47-1	155.46	153.06	157.57	155.37	1.45	ppb
Uranium	238-1	0.50	0.49	0.51	0.50	1.76	ppb
Vanadium	51-2	311.02	318.22	295.60	308.28	3.75	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	319.52	325.81	305.78	317.04	3.23	ppb
Zirconium	90-1	0.06	0.05	0.03	0.05	40.07	ppb
Zirconium	91-1	0.22	0.29	0.28	0.26	13.69	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54.78	66.07	50.63	57.16	13.98	ppb
Antimony	121-1	0.44	0.47	0.45	0.45	3.76	ppb
Arsenic	75-1	0.60	0.68	0.66	0.64	6.57	ppb
Barium	135-1	47.83	46.02	45.93	46.59	2.30	ppb
Barium	137-1	46.89	45.16	45.54	45.86	1.98	ppb
Beryllium	9-1	0.44	0.56	0.47	0.49	11.82	ppb
Bismuth	209-1				101		%
Bismuth	209-2				98		%
Boron	10-1	40.73	40.28	36.65	39.22	5.70	ppb
Boron	11-1	40.08	37.45	36.48	38.00	4.90	ppb
Cadmium	111-1	0.21	0.12	0.17	0.17	26.27	ppb
Cadmium	106-1	-0.70	-0.59	-0.21	-0.50		ppb
Cadmium	108-1	0.26	0.09	0.18	0.18	50.81	ppb
Calcium	43-1	3776.27	3835.76	3818.53	3810.19	0.80	ppb
Calcium	44-1	3838.01	3753.06	3795.10	3795.39	1.12	ppb
Chromium	52-2	3.97	3.82	3.79	3.86	2.47	ppb
Cobalt	59-2	21.28	20.87	21.56	21.24	1.63	ppb
Copper	63-2	23.42	24.02	24.19	23.87	1.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				102		%
Iron	56-2	43.26	42.15	45.13	43.51	3.47	ppb
Iron	57-2	52.74	56.71	68.23	59.23	13.58	ppb
Krypton	83-1						cps
Lead	206-1	3.96	3.83	3.87	3.89	1.78	ppb
Lead	207-1	3.59	3.44	3.53	3.52	2.13	ppb
Lead	208-1	3.75	3.56	3.65	3.65	2.58	ppb
Lithium	6-1				105		%
Magnesium	24-2	1556.07	1548.37	1610.89	1571.78	2.17	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	21.29	20.79	20.22	20.77	2.59	ppb
Molybdenum	94-1	0.17	0.11	0.14	0.14	20.87	ppb
Molybdenum	95-1	0.16	0.17	0.17	0.17	3.28	ppb
Molybdenum	96-1	0.19	0.13	0.16	0.16	20.32	ppb
Molybdenum	97-1	0.20	0.11	0.12	0.14	30.50	ppb
Molybdenum	98-1	0.16	0.14	0.12	0.14	14.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.71	26.05	27.92	27.23	3.76	ppb
Phosphorus	31-2	-45.43	-51.01	-61.63	-52.69		ppb
Potassium	39-2	1509.74	1499.02	1543.56	1517.44	1.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	2.12	1.06	1.05	1.41	43.32	ppb
Selenium	78-2	-0.84	-0.65	-0.32	-0.60		ppb
Selenium	82-1	0.70	0.67	0.09	0.49	71.25	ppb
Silicon	28-1	2437.61	2445.62	2433.36	2438.86	0.26	ppb
Silver	109-1	0.02	0.01	0.00	0.01	126.49	ppb
Silver	107-1	0.00	0.01	0.01	0.01	101.52	ppb
Sodium	23-2	5359.79	5355.48	5495.03	5403.44	1.47	ppb
Strontium	86-1	52.64	50.98	51.09	51.57	1.80	ppb
Strontium	88-1	52.16	51.85	52.00	52.00	0.30	ppb
Sulfur	34-1	-2385.31	-2429.73	-2479.74	-2431.59		ppb
Terbium	159-1				103		%
Terbium	159-2				101		%
Thallium	203-1	0.73	0.66	0.71	0.70	5.21	ppb
Thallium	205-1	0.72	0.67	0.55	0.65	13.10	ppb
Thorium	232-1	0.08	0.07	0.08	0.08	8.79	ppb
Tin	118-1	0.42	0.30	0.34	0.35	17.54	ppb
Titanium	47-1	0.36	0.38	0.75	0.50	44.39	ppb
Uranium	238-1	0.64	0.63	0.66	0.64	2.36	ppb
Vanadium	51-2	0.21	0.21	0.26	0.22	12.69	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	108.77	107.72	112.32	109.60	2.20	ppb
Zirconium	90-1	0.03	0.04	0.06	0.04	35.23	ppb
Zirconium	91-1	0.08	0.04	0.12	0.08	48.37	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53267.52	52329.34	52580.42	52725.76	0.92	ppb
Antimony	121-1	493.27	489.60	491.50	491.45	0.37	ppb
Arsenic	75-1	541.62	544.32	548.05	544.66	0.59	ppb
Barium	135-1	2467.43	2438.80	2450.05	2452.09	0.59	ppb
Barium	137-1	2464.49	2479.97	2486.84	2477.10	0.46	ppb
Beryllium	9-1	503.82	504.09	504.00	503.97	0.03	ppb
Bismuth	209-1				83		%
Bismuth	209-2				84		%
Boron	10-1	496.13	505.96	526.32	509.47	3.02	ppb
Boron	11-1	495.58	502.29	520.28	506.05	2.52	ppb
Cadmium	111-1	554.58	542.28	550.75	549.21	1.15	ppb
Cadmium	106-1	550.82	528.82	533.89	537.84	2.14	ppb
Cadmium	108-1	549.99	534.46	557.10	547.19	2.12	ppb
Calcium	43-1	240484.98	238888.66	236468.64	238614.09	0.85	ppb
Calcium	44-1	239747.48	238216.19	236849.28	238270.99	0.61	ppb
Chromium	52-2	502.95	498.35	499.92	500.41	0.47	ppb
Cobalt	59-2	494.35	493.10	490.10	492.52	0.44	ppb
Copper	63-2	1138.41	1142.21	1132.58	1137.73	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				86		%
Holmium	165-2				95		%
Indium	115-1				85		%
Indium	115-2				91		%
Iron	56-2	123755.19	122857.60	121893.85	122835.55	0.76	ppb
Iron	57-2	124549.16	122287.24	122773.47	123203.29	0.97	ppb
Krypton	83-1						cps
Lead	206-1	504.28	503.10	498.56	501.98	0.60	ppb
Lead	207-1	507.55	510.51	503.48	507.18	0.70	ppb
Lead	208-1	501.83	504.78	497.82	501.48	0.70	ppb
Lithium	6-1				91		%
Magnesium	24-2	252632.54	247036.66	247091.51	248920.24	1.29	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1001.70	993.62	995.71	997.01	0.42	ppb
Molybdenum	94-1	2361.79	2386.03	2367.41	2371.75	0.53	ppb
Molybdenum	95-1	2303.34	2345.93	2339.45	2329.57	0.99	ppb
Molybdenum	96-1	2315.04	2339.91	2341.17	2332.04	0.63	ppb
Molybdenum	97-1	2303.53	2315.29	2328.27	2315.70	0.53	ppb
Molybdenum	98-1	2307.21	2336.86	2325.86	2323.31	0.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	485.89	484.72	479.18	483.26	0.74	ppb
Phosphorus	31-2	10024.14	9793.77	9990.26	9936.06	1.25	ppb
Potassium	39-2	124251.04	123784.93	123686.12	123907.36	0.24	ppb
Rhodium	103-1				81		%
Rhodium	103-2				88		%
Scandium	45-1				87		%
Scandium	45-2				95		%
Selenium	77-2	561.79	535.42	522.98	540.06	3.67	ppb
Selenium	78-2	496.35	550.42	530.20	525.65	5.20	ppb
Selenium	82-1	521.05	518.58	525.35	521.66	0.66	ppb
Silicon	28-1	425.63	442.81	451.23	439.89	2.97	ppb
Silver	109-1	543.60	535.13	539.79	539.50	0.79	ppb
Silver	107-1	540.88	534.82	539.41	538.37	0.59	ppb
Sodium	23-2	253038.43	249583.82	247862.58	250161.61	1.05	ppb
Strontium	86-1	501.04	494.92	506.84	500.93	1.19	ppb
Strontium	88-1	497.80	504.33	501.28	501.14	0.65	ppb
Sulfur	34-1	13150.36	12569.30	12476.80	12732.16	2.87	ppb
Terbium	159-1				91		%
Terbium	159-2				95		%
Thallium	203-1	498.83	495.27	491.23	495.11	0.77	ppb
Thallium	205-1	502.78	502.74	503.95	503.16	0.14	ppb
Thorium	232-1	506.64	509.00	511.16	508.93	0.45	ppb
Tin	118-1	492.81	488.13	488.10	489.68	0.55	ppb
Titanium	47-1	2293.77	2308.57	2292.31	2298.22	0.39	ppb
Uranium	238-1	508.71	510.63	514.15	511.16	0.54	ppb
Vanadium	51-2	500.82	503.83	501.28	501.98	0.32	ppb
Yttrium	89-1				91		%
Yttrium	89-2				95		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1127.41	1135.15	1120.92	1127.83	0.63	ppb
Zirconium	90-1	498.27	503.10	497.06	499.48	0.64	ppb
Zirconium	91-1	500.73	503.62	500.56	501.64	0.34	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:45:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.67	4.24	2.92	3.61	18.40	ppb
Antimony	121-1	0.45	0.36	0.45	0.42	12.48	ppb
Arsenic	75-1	0.15	0.08	0.26	0.16	54.58	ppb
Barium	135-1	0.16	0.20	0.08	0.15	40.21	ppb
Barium	137-1	0.19	0.21	0.12	0.17	26.78	ppb
Beryllium	9-1	0.08	0.03	0.03	0.05	56.95	ppb
Bismuth	209-1				89		%
Bismuth	209-2				88		%
Boron	10-1	39.20	35.85	35.19	36.75	5.84	ppb
Boron	11-1	36.83	35.06	35.96	35.95	2.46	ppb
Cadmium	111-1	-0.55	-0.50	-0.14	-0.40		ppb
Cadmium	106-1	-2.38	-2.30	-0.75	-1.81		ppb
Cadmium	108-1	0.01	0.31	0.11	0.15	107.42	ppb
Calcium	43-1	23.15	16.87	16.94	18.99	18.98	ppb
Calcium	44-1	29.82	29.26	25.33	28.14	8.68	ppb
Chromium	52-2	-0.01	-0.04	-0.01	-0.02		ppb
Cobalt	59-2	0.00	0.03	0.01	0.02	102.02	ppb
Copper	63-2	0.13	0.06	0.08	0.09	39.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				92		%
Indium	115-1				89		%
Indium	115-2				92		%
Iron	56-2	9.97	9.77	9.26	9.67	3.78	ppb
Iron	57-2	11.76	5.19	2.79	6.58	70.50	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.08	0.08	0.07	3.67	ppb
Lead	207-1	0.09	0.12	0.10	0.10	15.00	ppb
Lead	208-1	0.07	0.07	0.05	0.06	18.38	ppb
Lithium	6-1				91		%
Magnesium	24-2	18.98	15.80	18.35	17.71	9.51	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:45:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.05	0.07	0.05	21.69	ppb
Molybdenum	94-1	0.60	0.47	0.35	0.47	27.05	ppb
Molybdenum	95-1	0.65	0.60	0.41	0.55	23.28	ppb
Molybdenum	96-1	0.59	0.57	0.47	0.54	12.10	ppb
Molybdenum	97-1	0.57	0.56	0.42	0.52	16.61	ppb
Molybdenum	98-1	0.65	0.55	0.53	0.58	11.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.03	0.03	0.02	136.15	ppb
Phosphorus	31-2	-59.04	-45.95	-46.91	-50.63		ppb
Potassium	39-2	44.81	45.29	50.07	46.73	6.22	ppb
Rhodium	103-1				88		%
Rhodium	103-2				92		%
Scandium	45-1				88		%
Scandium	45-2				92		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.80	0.39	-0.50	0.56	205.21	ppb
Selenium	82-1	0.79	0.12	0.48	0.46	73.32	ppb
Silicon	28-1	6.16	5.93	5.64	5.91	4.45	ppb
Silver	109-1	0.07	0.08	0.04	0.06	35.49	ppb
Silver	107-1	0.09	0.07	0.04	0.07	40.64	ppb
Sodium	23-2	70.35	72.29	67.09	69.91	3.76	ppb
Strontium	86-1	-0.02	0.12	0.02	0.04	189.37	ppb
Strontium	88-1	0.05	0.04	0.05	0.05	15.67	ppb
Sulfur	34-1	121.62	87.05	129.95	112.87	20.16	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.22	0.18	0.19	0.20	10.59	ppb
Thallium	205-1	0.20	0.17	0.20	0.19	9.53	ppb
Thorium	232-1	0.13	0.10	0.08	0.10	21.53	ppb
Tin	118-1	0.17	0.17	0.18	0.17	0.89	ppb
Titanium	47-1	0.31	0.17	0.24	0.24	30.87	ppb
Uranium	238-1	0.03	0.03	0.01	0.02	45.53	ppb
Vanadium	51-2	0.03	0.02	0.02	0.02	22.35	ppb
Yttrium	89-1				91		%
Yttrium	89-2				93		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:45:43	DataFile Name :	029CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.25	0.01	-0.16	-0.13		ppb
Zirconium	90-1	0.06	0.09	0.03	0.06	55.20	ppb
Zirconium	91-1	0.11	0.03	0.01	0.05	106.59	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	114.45	113.76	109.54	112.59	2.36	ppb
Antimony	121-1	0.18	0.20	0.16	0.18	13.29	ppb
Arsenic	75-1	0.22	0.27	0.30	0.26	15.98	ppb
Barium	135-1	33.47	32.06	32.52	32.68	2.19	ppb
Barium	137-1	32.61	32.78	32.48	32.62	0.47	ppb
Beryllium	9-1	0.29	0.33	0.33	0.32	7.63	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	27.11	26.04	23.42	25.52	7.45	ppb
Boron	11-1	27.74	26.82	27.16	27.24	1.72	ppb
Cadmium	111-1	0.20	0.35	-0.32	0.08	458.40	ppb
Cadmium	106-1	-0.35	0.27	-2.41	-0.83		ppb
Cadmium	108-1	0.62	0.11	0.72	0.48	67.18	ppb
Calcium	43-1	2884.41	2865.59	2825.93	2858.64	1.04	ppb
Calcium	44-1	2886.37	2843.45	2826.69	2852.17	1.08	ppb
Chromium	52-2	0.48	0.47	0.48	0.48	1.05	ppb
Cobalt	59-2	20.58	20.28	20.07	20.31	1.25	ppb
Copper	63-2	16.41	17.17	16.41	16.66	2.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				86		%
Holmium	165-2				92		%
Indium	115-1				90		%
Indium	115-2				92		%
Iron	56-2	115.88	117.13	116.25	116.42	0.55	ppb
Iron	57-2	117.84	133.12	126.29	125.75	6.09	ppb
Krypton	83-1						cps
Lead	206-1	1.66	1.55	1.59	1.60	3.33	ppb
Lead	207-1	1.55	1.47	1.51	1.51	2.85	ppb
Lead	208-1	1.60	1.47	1.56	1.54	4.52	ppb
Lithium	6-1				93		%
Magnesium	24-2	1288.29	1301.08	1304.03	1297.80	0.64	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	16.98	16.96	16.77	16.90	0.69	ppb
Molybdenum	94-1	0.08	0.08	0.12	0.10	22.87	ppb
Molybdenum	95-1	0.09	0.05	0.07	0.07	24.35	ppb
Molybdenum	96-1	0.13	0.17	0.13	0.15	15.33	ppb
Molybdenum	97-1	0.07	0.16	0.08	0.10	50.02	ppb
Molybdenum	98-1	0.12	0.10	0.08	0.10	18.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.78	20.50	22.04	21.11	3.90	ppb
Phosphorus	31-2	-46.85	-43.37	-56.76	-48.99		ppb
Potassium	39-2	1235.15	1263.69	1245.26	1248.04	1.16	ppb
Rhodium	103-1				87		%
Rhodium	103-2				93		%
Scandium	45-1				88		%
Scandium	45-2				93		%
Selenium	77-2	1.18	3.52	2.32	2.34	49.90	ppb
Selenium	78-2	0.77	1.70	0.48	0.98	65.22	ppb
Selenium	82-1	-0.09	1.30	0.72	0.65	108.18	ppb
Silicon	28-1	2315.49	2338.36	2304.93	2319.59	0.74	ppb
Silver	109-1	0.04	0.02	0.03	0.03	23.59	ppb
Silver	107-1	0.05	0.04	0.01	0.04	55.37	ppb
Sodium	23-2	5388.71	5522.35	5425.09	5445.38	1.27	ppb
Strontium	86-1	31.25	30.45	30.94	30.88	1.30	ppb
Strontium	88-1	31.63	31.32	31.13	31.36	0.81	ppb
Sulfur	34-1	2621.00	2214.10	1452.02	2095.71	28.32	ppb
Terbium	159-1				91		%
Terbium	159-2				92		%
Thallium	203-1	0.37	0.42	0.41	0.40	7.22	ppb
Thallium	205-1	0.36	0.43	0.42	0.40	8.93	ppb
Thorium	232-1	0.03	0.02	0.02	0.03	16.25	ppb
Tin	118-1	0.99	0.85	0.85	0.90	8.74	ppb
Titanium	47-1	0.20	0.19	0.16	0.19	11.17	ppb
Uranium	238-1	0.75	0.75	0.75	0.75	0.10	ppb
Vanadium	51-2	0.25	0.27	0.31	0.28	11.91	ppb
Yttrium	89-1				92		%
Yttrium	89-2				93		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	143.15	147.71	144.92	145.26	1.58	ppb
Zirconium	90-1	0.03	0.03	0.02	0.02	15.69	ppb
Zirconium	91-1	0.05	-0.01	0.00	0.02	217.36	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53022.47	52036.27	51434.94	52164.56	1.54	ppb
Antimony	121-1	501.59	498.37	494.78	498.25	0.68	ppb
Arsenic	75-1	535.23	528.39	526.60	530.07	0.86	ppb
Barium	135-1	2504.87	2482.10	2499.51	2495.49	0.48	ppb
Barium	137-1	2507.57	2515.27	2513.51	2512.12	0.16	ppb
Beryllium	9-1	502.95	501.36	510.30	504.87	0.94	ppb
Bismuth	209-1				84		%
Bismuth	209-2				84		%
Boron	10-1	487.58	516.63	513.21	505.80	3.14	ppb
Boron	11-1	492.42	512.40	513.19	506.00	2.33	ppb
Cadmium	111-1	528.16	528.04	526.19	527.46	0.21	ppb
Cadmium	106-1	513.97	526.16	513.59	517.91	1.38	ppb
Cadmium	108-1	528.20	530.73	516.56	525.17	1.44	ppb
Calcium	43-1	239391.53	236935.02	234599.42	236975.32	1.01	ppb
Calcium	44-1	238270.50	236768.98	236605.38	237214.96	0.39	ppb
Chromium	52-2	504.36	495.91	492.43	497.57	1.23	ppb
Cobalt	59-2	495.02	491.03	487.13	491.06	0.80	ppb
Copper	63-2	1070.74	1059.52	1061.62	1063.96	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				87		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				92		%
Iron	56-2	124476.40	122794.91	121320.43	122863.92	1.29	ppb
Iron	57-2	125454.21	122400.68	121825.32	123226.74	1.58	ppb
Krypton	83-1						cps
Lead	206-1	501.82	497.42	500.16	499.80	0.44	ppb
Lead	207-1	508.53	508.36	505.62	507.50	0.32	ppb
Lead	208-1	502.49	499.19	501.32	501.00	0.33	ppb
Lithium	6-1				92		%
Magnesium	24-2	249341.08	245929.71	244090.63	246453.81	1.08	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	996.11	994.55	984.56	991.74	0.63	ppb
Molybdenum	94-1	2360.36	2357.56	2376.86	2364.93	0.44	ppb
Molybdenum	95-1	2322.79	2314.41	2334.12	2323.77	0.43	ppb
Molybdenum	96-1	2312.69	2321.93	2371.88	2335.50	1.36	ppb
Molybdenum	97-1	2320.43	2323.02	2350.14	2331.20	0.71	ppb
Molybdenum	98-1	2310.36	2303.55	2318.84	2310.92	0.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	486.79	484.67	485.65	485.70	0.22	ppb
Phosphorus	31-2	10039.26	10247.31	9750.64	10012.40	2.49	ppb
Potassium	39-2	125887.22	123258.18	123344.66	124163.35	1.20	ppb
Rhodium	103-1				82		%
Rhodium	103-2				89		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	507.79	527.64	533.55	522.99	2.58	ppb
Selenium	78-2	527.18	510.79	512.62	516.86	1.74	ppb
Selenium	82-1	509.68	510.89	513.02	511.20	0.33	ppb
Silicon	28-1	424.65	442.83	442.13	436.54	2.36	ppb
Silver	109-1	525.61	525.26	526.13	525.67	0.08	ppb
Silver	107-1	523.62	521.18	519.47	521.42	0.40	ppb
Sodium	23-2	252579.56	246275.08	245153.30	248002.64	1.61	ppb
Strontium	86-1	506.62	496.25	505.43	502.77	1.13	ppb
Strontium	88-1	505.81	502.63	501.66	503.37	0.43	ppb
Sulfur	34-1	12267.11	12015.06	11793.07	12025.08	1.97	ppb
Terbium	159-1				92		%
Terbium	159-2				95		%
Thallium	203-1	494.88	496.53	494.73	495.38	0.20	ppb
Thallium	205-1	502.72	504.31	503.01	503.35	0.17	ppb
Thorium	232-1	506.95	508.80	511.23	509.00	0.42	ppb
Tin	118-1	498.81	499.39	495.17	497.79	0.46	ppb
Titanium	47-1	2307.84	2276.12	2261.75	2281.90	1.03	ppb
Uranium	238-1	505.43	510.75	509.23	508.47	0.54	ppb
Vanadium	51-2	503.06	497.74	495.86	498.89	0.75	ppb
Yttrium	89-1				93		%
Yttrium	89-2				96		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1059.07	1046.56	1041.58	1049.07	0.86	ppb
Zirconium	90-1	504.52	501.11	502.64	502.76	0.34	ppb
Zirconium	91-1	502.05	498.70	503.16	501.30	0.46	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:56:34	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.61	0.63	2.59	1.61	60.91	ppb
Antimony	121-1	0.43	0.46	0.51	0.46	8.98	ppb
Arsenic	75-1	0.08	0.07	0.12	0.09	25.42	ppb
Barium	135-1	0.20	0.14	0.03	0.12	68.61	ppb
Barium	137-1	0.12	0.06	0.08	0.09	32.11	ppb
Beryllium	9-1	0.04	0.03	0.02	0.03	29.61	ppb
Bismuth	209-1				87		%
Bismuth	209-2				85		%
Boron	10-1	33.28	31.32	29.63	31.41	5.82	ppb
Boron	11-1	34.92	32.02	28.93	31.95	9.38	ppb
Cadmium	111-1	-0.21	-1.22	-0.30	-0.58		ppb
Cadmium	106-1	-0.96	-4.81	-1.20	-2.32		ppb
Cadmium	108-1	0.32	0.01	0.01	0.11	155.19	ppb
Calcium	43-1	17.50	8.73	0.57	8.94	94.74	ppb
Calcium	44-1	26.14	18.70	21.33	22.06	17.11	ppb
Chromium	52-2	-0.06	-0.02	-0.01	-0.03		ppb
Cobalt	59-2	-0.01	-0.02	-0.02	-0.01		ppb
Copper	63-2	0.00	0.03	-0.01	0.01	304.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				85		%
Holmium	165-2				89		%
Indium	115-1				89		%
Indium	115-2				90		%
Iron	56-2	5.57	5.23	5.48	5.43	3.27	ppb
Iron	57-2	7.54	5.69	3.72	5.65	33.77	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.09	0.07	0.07	40.74	ppb
Lead	207-1	0.08	0.05	0.08	0.07	26.77	ppb
Lead	208-1	0.06	0.05	0.05	0.05	9.42	ppb
Lithium	6-1				92		%
Magnesium	24-2	8.59	10.31	8.00	8.97	13.41	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:56:34	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.01	0.01	63.76	ppb
Molybdenum	94-1	0.41	0.44	0.33	0.39	14.73	ppb
Molybdenum	95-1	0.57	0.61	0.45	0.54	15.60	ppb
Molybdenum	96-1	0.64	0.55	0.45	0.55	17.88	ppb
Molybdenum	97-1	0.71	0.54	0.47	0.57	21.68	ppb
Molybdenum	98-1	0.66	0.49	0.37	0.51	28.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.05	-0.03	-0.01		ppb
Phosphorus	31-2	-46.40	-83.73	-62.18	-64.11		ppb
Potassium	39-2	58.65	49.37	35.94	47.99	23.80	ppb
Rhodium	103-1				87		%
Rhodium	103-2				89		%
Scandium	45-1				87		%
Scandium	45-2				90		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	0.05	0.58	0.30	88.22	ppb
Selenium	82-1	0.62	0.11	0.75	0.49	68.30	ppb
Silicon	28-1	5.99	4.94	3.93	4.95	20.81	ppb
Silver	109-1	0.08	0.05	0.03	0.05	47.57	ppb
Silver	107-1	0.04	0.05	0.06	0.05	17.83	ppb
Sodium	23-2	76.11	71.38	69.18	72.22	4.90	ppb
Strontium	86-1	-0.02	-0.04	0.00	-0.02		ppb
Strontium	88-1	0.03	0.02	0.02	0.02	10.77	ppb
Sulfur	34-1	-471.06	-528.76	-430.23	-476.68		ppb
Terbium	159-1				89		%
Terbium	159-2				89		%
Thallium	203-1	0.12	0.16	0.16	0.15	14.62	ppb
Thallium	205-1	0.17	0.13	0.17	0.16	13.58	ppb
Thorium	232-1	0.11	0.10	0.11	0.11	2.34	ppb
Tin	118-1	0.21	0.14	0.15	0.17	22.63	ppb
Titanium	47-1	0.10	0.17	0.10	0.12	30.22	ppb
Uranium	238-1	0.01	0.01	-0.01	0.00	265.42	ppb
Vanadium	51-2	0.01	0.00	0.01	0.01	63.50	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:56:34	DataFile Name :	032CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.15	-0.19	-0.20	-0.18		ppb
Zirconium	90-1	0.04	0.05	0.06	0.05	20.78	ppb
Zirconium	91-1	0.06	0.06	0.09	0.07	26.14	ppb

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:02:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	25	33	33	25.01	cps
Antimony	121-1	25	75	17	39	81.12	cps
Arsenic	75-1	58	104	62	75	33.81	cps
Barium	135-1	8	25	25	19	49.50	cps
Barium	137-1	42	25	33	33	25.01	cps
Beryllium	9-1	80	80	87	82	4.68	cps
Bismuth	209-1	1759533	1749136	1750745	1753138	0.32	cps
Bismuth	209-2	1137032	1151098	1160781	1149637	1.04	cps
Boron	10-1	550	550	450	517	11.18	cps
Boron	11-1	2325	2225	2442	2331	4.65	cps
Cadmium	111-1	3188	2808	3182	3059	7.12	cps
Cadmium	106-1	1058	933	1058	1017	7.10	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	125	133	67	108	33.53	cps
Calcium	44-1	7919	8419	7644	7994	4.92	cps
Chromium	52-2	437	420	427	428	1.96	cps
Cobalt	59-2	47	70	63	60	20.03	cps
Copper	63-2	307	247	313	289	12.71	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	73	30	53	52	41.53	cps
Holmium	165-1	3018572	3018783	3035489	3024281	0.32	cps
Holmium	165-2	1648546	1673531	1692595	1671558	1.32	cps
Indium	115-1	2149618	2138217	2129896	2139244	0.46	cps
Indium	115-2	523084	528096	535396	528858	1.17	cps
Iron	56-2	2534	2717	2384	2545	6.56	cps
Iron	57-2	189	233	150	191	21.86	cps
Krypton	83-1	193	177	130	167	19.70	cps
Lead	206-1	233	150	150	178	27.06	cps
Lead	207-1	156	133	144	144	7.69	cps
Lead	208-1	778	817	744	780	4.64	cps
Lithium	6-1	1582255	1572511	1581567	1578778	0.34	cps
Magnesium	24-2	75	92	58	75	22.22	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:02:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	33	30	11.10	cps
Molybdenum	94-1	125	125	175	142	20.38	cps
Molybdenum	95-1	50	50	25	42	34.64	cps
Molybdenum	96-1	58	67	50	58	14.29	cps
Molybdenum	97-1	67	33	50	50	33.34	cps
Molybdenum	98-1	67	67	75	69	6.93	cps
Neodymium	150-1	7	7	0	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	27	27	29	13.31	cps
Phosphorus	31-2	208	258	283	250	15.28	cps
Potassium	39-2	15425	15734	16385	15848	3.09	cps
Rhodium	103-1	2282333	2274041	2247155	2267843	0.81	cps
Rhodium	103-2	1146195	1169350	1179964	1165169	1.48	cps
Scandium	45-1	2575792	2572809	2534032	2560878	0.91	cps
Scandium	45-2	137501	137613	140095	138403	1.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	39	44	50	44	12.50	cps
Selenium	82-1	40	67	94	67	40.05	cps
Silicon	28-1	128698	127077	126716	127497	0.83	cps
Silver	109-1	8	75	17	33	108.97	cps
Silver	107-1	33	75	0	36	104.06	cps
Sodium	23-2	10337	10521	11263	10707	4.58	cps
Strontium	86-1	233	267	350	283	21.21	cps
Strontium	88-1	42	0	33	25	88.19	cps
Sulfur	34-1	230581	229083	228695	229453	0.43	cps
Terbium	159-1	3053888	3022901	3019176	3031988	0.63	cps
Terbium	159-2	1678727	1707911	1737595	1708078	1.72	cps
Thallium	203-1	33	42	92	56	56.79	cps
Thallium	205-1	200	167	100	156	32.73	cps
Thorium	232-1	28	28	44	33	28.87	cps
Tin	118-1	50	83	117	83	40.00	cps
Titanium	47-1	58	75	42	58	28.57	cps
Uranium	238-1	175	167	183	175	4.76	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	2936538	2935714	2934709	2935654	0.03	cps
Yttrium	89-2	501441	506160	515336	507645	1.39	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:02:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	127	120	97	114	13.76	cps
Zirconium	90-1	267	325	200	264	23.70	cps
Zirconium	91-1	25	50	58	44	39.04	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	958	1283	983	1075	16.82	cps
Antimony	121-1	4284	4017	4243	4181	3.43	cps
Arsenic	75-1	907	800	762	823	9.18	cps
Barium	135-1	5468	6110	5760	5779	5.56	cps
Barium	137-1	10663	10221	9929	10271	3.60	cps
Beryllium	9-1	1137	1193	1237	1189	4.22	cps
Bismuth	209-1	1819817	1839710	1820860	1826796	0.61	cps
Bismuth	209-2	1187057	1190536	1200367	1192653	0.58	cps
Boron	10-1	4484	4259	4092	4279	4.60	cps
Boron	11-1	19622	20097	20498	20072	2.19	cps
Cadmium	111-1	3845	3853	3748	3815	1.54	cps
Cadmium	106-1	1075	1083	1058	1072	1.19	cps
Cadmium	108-1	46	29	54	43	29.56	cps
Calcium	43-1	6368	6185	6127	6227	2.03	cps
Calcium	44-1	110074	109729	106071	108625	2.04	cps
Chromium	52-2	3250	2867	3114	3077	6.32	cps
Cobalt	59-2	1693	1770	1850	1771	4.42	cps
Copper	63-2	2490	2344	2370	2401	3.25	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	0	17	8	8	100.02	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	33	8	17	19	65.47	cps
Gadolinium	160-2	67	60	73	67	10.00	cps
Holmium	165-1	3001758	2978066	2932093	2970639	1.19	cps
Holmium	165-2	1702383	1665669	1741570	1703207	2.23	cps
Indium	115-1	2195048	2209300	2193647	2199332	0.39	cps
Indium	115-2	551417	550427	551455	551100	0.11	cps
Iron	56-2	53676	53615	53988	53760	0.37	cps
Iron	57-2	1428	1422	1545	1465	4.71	cps
Krypton	83-1	117	100	120	112	9.55	cps
Lead	206-1	1884	1767	1956	1869	5.10	cps
Lead	207-1	1800	1811	1622	1745	6.08	cps
Lead	208-1	7612	7690	7812	7705	1.31	cps
Lithium	6-1	1692826	1701735	1669459	1688006	0.99	cps
Magnesium	24-2	63192	63519	63452	63388	0.27	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	777	827	757	787	4.58	cps
Molybdenum	94-1	6343	6052	6077	6157	2.63	cps
Molybdenum	95-1	7252	7386	7477	7372	1.54	cps
Molybdenum	96-1	8211	8228	8244	8228	0.20	cps
Molybdenum	97-1	4876	4493	4551	4640	4.45	cps
Molybdenum	98-1	11647	12239	11213	11700	4.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	480	437	450	456	4.87	cps
Phosphorus	31-2	375	383	492	417	15.62	cps
Potassium	39-2	70811	71698	74169	72226	2.41	cps
Rhodium	103-1	2313148	2301566	2295968	2303561	0.38	cps
Rhodium	103-2	1225685	1224033	1231051	1226923	0.30	cps
Scandium	45-1	2633508	2670113	2665214	2656279	0.75	cps
Scandium	45-2	146082	143733	145775	145197	0.88	cps
Selenium	77-2	10	7	30	16	81.11	cps
Selenium	78-2	87	94	117	99	15.51	cps
Selenium	82-1	428	394	394	406	4.80	cps
Silicon	28-1	157681	155415	152285	155127	1.75	cps
Silver	109-1	2750	2909	2559	2739	6.40	cps
Silver	107-1	3034	2809	2884	2909	3.94	cps
Sodium	23-2	132446	132539	132228	132404	0.12	cps
Strontium	86-1	950	1042	1108	1033	7.69	cps
Strontium	88-1	7844	7327	7344	7505	3.91	cps
Sulfur	34-1	229261	222471	226969	226234	1.53	cps
Terbium	159-1	3152642	3167332	3155105	3158360	0.25	cps
Terbium	159-2	1740956	1712861	1693667	1715828	1.39	cps
Thallium	203-1	2117	1917	2100	2045	5.43	cps
Thallium	205-1	5401	5084	4834	5107	5.56	cps
Thorium	232-1	7786	7547	7986	7773	2.83	cps
Tin	118-1	9370	9620	9237	9409	2.07	cps
Titanium	47-1	3142	3075	2775	2998	6.52	cps
Uranium	238-1	7978	7844	8236	8020	2.49	cps
Vanadium	51-2	5685	5738	5591	5671	1.31	cps
Yttrium	89-1	3121600	3121663	3107378	3116880	0.26	cps
Yttrium	89-2	527972	530412	533409	530598	0.51	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:10:50	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	350	370	357	359	2.84	cps
Zirconium	90-1	5360	4776	4851	4996	6.36	cps
Zirconium	91-1	1233	1125	1000	1120	10.43	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:14:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	49942	52117	52276	51445	2.53	cps
Antimony	121-1	109752	111029	111222	110668	0.72	cps
Arsenic	75-1	37834	36447	36989	37090	1.88	cps
Barium	135-1	147056	145269	145539	145954	0.66	cps
Barium	137-1	253792	250918	254290	253000	0.72	cps
Beryllium	9-1	56923	56060	56063	56349	0.88	cps
Bismuth	209-1	1821251	1782048	1750505	1784601	1.99	cps
Bismuth	209-2	1191131	1195817	1202656	1196535	0.48	cps
Boron	10-1	8286	8686	8311	8428	2.66	cps
Boron	11-1	38675	37013	37848	37845	2.20	cps
Cadmium	111-1	42075	43439	42070	42528	1.86	cps
Cadmium	106-1	4409	4726	4476	4537	3.68	cps
Cadmium	108-1	2229	2267	2463	2320	5.40	cps
Calcium	43-1	65043	64525	64499	64689	0.47	cps
Calcium	44-1	1023340	1012197	1006128	1013889	0.86	cps
Chromium	52-2	64122	63637	63302	63687	0.65	cps
Cobalt	59-2	82554	83851	82544	82983	0.91	cps
Copper	63-2	104796	106259	104916	105324	0.77	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	0	8	8	100.02	cps
Erbium	164-2	10	7	3	7	50.03	cps
Gadolinium	160-1	17	17	8	14	34.67	cps
Gadolinium	160-2	80	73	50	68	23.24	cps
Holmium	165-1	3011475	2943278	2871045	2941932	2.39	cps
Holmium	165-2	1726816	1690901	1675068	1697595	1.56	cps
Indium	115-1	2220493	2161729	2136579	2172934	1.98	cps
Indium	115-2	546710	555226	551973	551303	0.78	cps
Iron	56-2	2241837	2255937	2242410	2246728	0.36	cps
Iron	57-2	59727	59047	59169	59314	0.61	cps
Krypton	83-1	100	137	187	141	30.83	cps
Lead	206-1	89745	87508	87732	88329	1.39	cps
Lead	207-1	78425	78263	78391	78360	0.11	cps
Lead	208-1	357231	352158	351310	353566	0.91	cps
Lithium	6-1	1688314	1659379	1636614	1661436	1.56	cps
Magnesium	24-2	613343	618548	612423	614771	0.54	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:14:46	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	72996	72863	72126	72662	0.65	cps
Molybdenum	94-1	361675	356277	356760	358237	0.83	cps
Molybdenum	95-1	479036	476473	471597	475702	0.79	cps
Molybdenum	96-1	523568	517337	513818	518241	0.95	cps
Molybdenum	97-1	297874	295513	295259	296215	0.49	cps
Molybdenum	98-1	757131	748305	746897	750777	0.74	cps
Neodymium	150-1	13	7	7	9	43.25	cps
Neodymium	150-2	3	0	10	4	114.60	cps
Nickel	60-2	20938	21189	20802	20976	0.94	cps
Phosphorus	31-2	3476	3376	3392	3414	1.57	cps
Potassium	39-2	302041	300795	298644	300493	0.57	cps
Rhodium	103-1	2337299	2265826	2238254	2280459	2.24	cps
Rhodium	103-2	1196429	1225164	1219291	1213628	1.25	cps
Scandium	45-1	2671399	2613835	2557524	2614253	2.18	cps
Scandium	45-2	141912	144042	145907	143954	1.39	cps
Selenium	77-2	163	173	170	169	3.01	cps
Selenium	78-2	511	524	591	542	7.88	cps
Selenium	82-1	2907	2946	2954	2936	0.85	cps
Silicon	28-1	336567	340488	342512	339856	0.89	cps
Silver	109-1	138136	137511	134426	136691	1.45	cps
Silver	107-1	141106	141620	141672	141466	0.22	cps
Sodium	23-2	1210528	1220730	1223282	1218180	0.55	cps
Strontium	86-1	46468	45958	45021	45816	1.60	cps
Strontium	88-1	386934	384381	387652	386322	0.44	cps
Sulfur	34-1	249597	248657	243806	247353	1.26	cps
Terbium	159-1	3176121	3093752	3061408	3110427	1.90	cps
Terbium	159-2	1696133	1734169	1726358	1718887	1.17	cps
Thallium	203-1	107053	104920	104887	105620	1.17	cps
Thallium	205-1	252204	249368	247837	249803	0.89	cps
Thorium	232-1	402645	393138	393771	396518	1.34	cps
Tin	118-1	90910	88696	91136	90248	1.49	cps
Titanium	47-1	192801	187013	187847	189220	1.65	cps
Uranium	238-1	401886	399973	397705	399855	0.52	cps
Vanadium	51-2	53855	54785	53975	54205	0.93	cps
Yttrium	89-1	3128728	3060364	3036416	3075169	1.56	cps
Yttrium	89-2	523909	529159	532456	528508	0.82	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:14:46	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	16396	15649	16002	16016	2.33	cps
Zirconium	90-1	246738	245346	243530	245205	0.66	cps
Zirconium	91-1	55558	56270	53852	55227	2.25	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	125010	129540	126077	126876	1.87	cps
Antimony	121-1	274694	278429	275643	276255	0.70	cps
Arsenic	75-1	91796	90924	91031	91250	0.52	cps
Barium	135-1	356274	364964	368489	363242	1.73	cps
Barium	137-1	626371	625893	634193	628819	0.74	cps
Beryllium	9-1	135562	136123	135816	135834	0.21	cps
Bismuth	209-1	1774307	1778310	1760491	1771036	0.53	cps
Bismuth	209-2	1170343	1191986	1177771	1180034	0.93	cps
Boron	10-1	20072	19956	20298	20109	0.87	cps
Boron	11-1	88585	88215	92600	89800	2.71	cps
Cadmium	111-1	97064	98952	99404	98473	1.26	cps
Cadmium	106-1	8903	9178	8853	8978	1.95	cps
Cadmium	108-1	5985	5614	5530	5710	4.24	cps
Calcium	43-1	155711	155881	156142	155911	0.14	cps
Calcium	44-1	2453473	2478754	2460000	2464076	0.53	cps
Chromium	52-2	155534	158091	155412	156346	0.97	cps
Cobalt	59-2	204247	208955	204525	205909	1.28	cps
Copper	63-2	256074	261296	257327	258232	1.06	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	13	17	3	11	62.48	cps
Erbium	164-1	0	25	0	8	173.21	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	33	57	43	44	26.35	cps
Holmium	165-1	2901617	2946579	2902632	2916943	0.88	cps
Holmium	165-2	1653434	1656412	1732122	1680656	2.65	cps
Indium	115-1	2112401	2119545	2116440	2116129	0.17	cps
Indium	115-2	543437	540754	539126	541106	0.40	cps
Iron	56-2	5500832	5567832	5503392	5524019	0.69	cps
Iron	57-2	143922	148582	147258	146587	1.64	cps
Krypton	83-1	127	130	120	126	4.06	cps
Lead	206-1	220268	221899	222390	221519	0.50	cps
Lead	207-1	195491	195063	197750	196101	0.74	cps
Lead	208-1	882831	887286	886686	885601	0.27	cps
Lithium	6-1	1615051	1618297	1605106	1612818	0.43	cps
Magnesium	24-2	1449469	1482560	1469970	1467333	1.14	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	177331	180654	179665	179217	0.95	cps
Molybdenum	94-1	880602	879376	877846	879275	0.16	cps
Molybdenum	95-1	1162236	1166557	1173744	1167512	0.50	cps
Molybdenum	96-1	1285158	1274319	1276935	1278804	0.44	cps
Molybdenum	97-1	725428	728590	732391	728803	0.48	cps
Molybdenum	98-1	1835023	1843217	1830333	1836191	0.36	cps
Neodymium	150-1	20	33	53	36	47.20	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	50988	52755	52788	52177	1.97	cps
Phosphorus	31-2	7669	7719	7269	7552	3.27	cps
Potassium	39-2	699014	716612	713158	709595	1.31	cps
Rhodium	103-1	2204493	2197897	2176911	2193100	0.66	cps
Rhodium	103-2	1193255	1196808	1181669	1190577	0.66	cps
Scandium	45-1	2502322	2538062	2523097	2521160	0.71	cps
Scandium	45-2	140606	142087	137996	140230	1.48	cps
Selenium	77-2	363	370	367	367	0.91	cps
Selenium	78-2	1356	1432	1411	1399	2.81	cps
Selenium	82-1	7094	7057	6938	7030	1.16	cps
Silicon	28-1	655501	663316	670243	663020	1.11	cps
Silver	109-1	333912	329233	335452	332866	0.97	cps
Silver	107-1	348646	353684	351025	351118	0.72	cps
Sodium	23-2	2867136	2907391	2887236	2887254	0.70	cps
Strontium	86-1	113369	111866	110667	111968	1.21	cps
Strontium	88-1	943095	944441	938678	942071	0.32	cps
Sulfur	34-1	261710	259956	260853	260840	0.34	cps
Terbium	159-1	3049489	3100098	3075995	3075194	0.82	cps
Terbium	159-2	1701339	1703199	1784678	1729739	2.75	cps
Thallium	203-1	260205	262776	262122	261701	0.51	cps
Thallium	205-1	624529	634040	625395	627988	0.84	cps
Thorium	232-1	1003880	1001759	1003487	1003042	0.11	cps
Tin	118-1	224929	226599	229452	226994	1.01	cps
Titanium	47-1	454695	456018	455662	455458	0.15	cps
Uranium	238-1	1019806	1013537	1018944	1017429	0.33	cps
Vanadium	51-2	132815	134365	133642	133607	0.58	cps
Yttrium	89-1	2992243	3030711	3004479	3009144	0.65	cps
Yttrium	89-2	524648	527536	519012	523732	0.83	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:18:43	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	38775	39991	39196	39321	1.57	cps
Zirconium	90-1	608633	607331	607206	607723	0.13	cps
Zirconium	91-1	138918	138608	136941	138156	0.77	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	250665	249820	247881	249455	0.57	cps
Antimony	121-1	564408	559789	555604	559933	0.79	cps
Arsenic	75-1	184567	180952	181956	182492	1.02	cps
Barium	135-1	728751	731749	729154	729885	0.22	cps
Barium	137-1	1267644	1259123	1264420	1263729	0.34	cps
Beryllium	9-1	269061	266147	267204	267471	0.55	cps
Bismuth	209-1	1787387	1787232	1790423	1788347	0.10	cps
Bismuth	209-2	1181440	1197050	1190616	1189702	0.66	cps
Boron	10-1	38249	39143	39753	39048	1.94	cps
Boron	11-1	172507	176303	178911	175907	1.83	cps
Cadmium	111-1	195135	193213	196148	194832	0.77	cps
Cadmium	106-1	17052	17344	17470	17289	1.24	cps
Cadmium	108-1	12039	11446	11934	11807	2.68	cps
Calcium	43-1	312230	312824	313985	313013	0.29	cps
Calcium	44-1	4913645	4885722	4907919	4902428	0.30	cps
Chromium	52-2	309635	312497	313097	311743	0.59	cps
Cobalt	59-2	405139	405496	409257	406631	0.56	cps
Copper	63-2	510107	509748	511168	510341	0.14	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	17	23	17	19	20.36	cps
Erbium	164-1	8	25	17	17	50.01	cps
Erbium	164-2	3	10	0	4	114.60	cps
Gadolinium	160-1	25	58	42	42	40.00	cps
Gadolinium	160-2	40	47	80	56	38.57	cps
Holmium	165-1	2988269	2996147	2971543	2985320	0.42	cps
Holmium	165-2	1711041	1715840	1710257	1712379	0.18	cps
Indium	115-1	2145178	2114286	2124172	2127878	0.74	cps
Indium	115-2	548203	548174	548549	548309	0.04	cps
Iron	56-2	11118803	11052643	10862910	11011452	1.21	cps
Iron	57-2	290082	291629	288602	290104	0.52	cps
Krypton	83-1	123	123	140	129	7.46	cps
Lead	206-1	447896	447239	451135	448757	0.46	cps
Lead	207-1	399378	393302	399881	397521	0.92	cps
Lead	208-1	1791371	1783571	1798673	1791205	0.42	cps
Lithium	6-1	1600989	1606184	1599658	1602277	0.22	cps
Magnesium	24-2	2941814	2922465	2900077	2921452	0.71	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	353519	356103	356089	355237	0.42	cps
Molybdenum	94-1	1768901	1754083	1745983	1756322	0.66	cps
Molybdenum	95-1	2387753	2363690	2363077	2371507	0.59	cps
Molybdenum	96-1	2563844	2538247	2568893	2556995	0.64	cps
Molybdenum	97-1	1411899	1414706	1422586	1416397	0.39	cps
Molybdenum	98-1	3697684	3713942	3712265	3707964	0.24	cps
Neodymium	150-1	47	60	47	51	15.06	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	102152	101995	102794	102314	0.41	cps
Phosphorus	31-2	15242	15300	14149	14897	4.35	cps
Potassium	39-2	1386404	1389248	1374330	1383327	0.57	cps
Rhodium	103-1	2223555	2211906	2210978	2215480	0.32	cps
Rhodium	103-2	1208484	1209520	1215396	1211134	0.31	cps
Scandium	45-1	2543554	2514430	2513888	2523957	0.67	cps
Scandium	45-2	143170	142760	141703	142545	0.53	cps
Selenium	77-2	843	810	813	822	2.23	cps
Selenium	78-2	2610	2747	2782	2713	3.35	cps
Selenium	82-1	14304	14145	13900	14116	1.44	cps
Silicon	28-1	1207445	1230643	1242835	1226974	1.47	cps
Silver	109-1	668918	663592	669866	667458	0.51	cps
Silver	107-1	691069	694492	697263	694274	0.45	cps
Sodium	23-2	5807782	5787359	5762197	5785779	0.39	cps
Strontium	86-1	224554	224091	226636	225094	0.60	cps
Strontium	88-1	1874046	1862754	1875755	1870852	0.38	cps
Sulfur	34-1	306141	300061	297651	301284	1.45	cps
Terbium	159-1	3148443	3145305	3138335	3144028	0.16	cps
Terbium	159-2	1753012	1741894	1740487	1745131	0.39	cps
Thallium	203-1	539129	531507	536644	535760	0.73	cps
Thallium	205-1	1283078	1271280	1290427	1281595	0.75	cps
Thorium	232-1	2045805	2040028	2049886	2045240	0.24	cps
Tin	118-1	457093	454385	454490	455323	0.34	cps
Titanium	47-1	916289	919412	907378	914360	0.68	cps
Uranium	238-1	2014738	2013638	2020247	2016208	0.18	cps
Vanadium	51-2	267044	264409	265705	265719	0.50	cps
Yttrium	89-1	3052385	3021748	3047069	3040401	0.54	cps
Yttrium	89-2	525888	530297	531323	529169	0.55	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:22:38	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	77896	78010	77163	77690	0.59	cps
Zirconium	90-1	1211060	1219092	1207986	1212713	0.47	cps
Zirconium	91-1	277995	279720	279755	279156	0.36	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	495981	504169	504451	501534	0.96	cps
Antimony	121-1	1127262	1131106	1133569	1130645	0.28	cps
Arsenic	75-1	367123	370302	365923	367782	0.62	cps
Barium	135-1	1489779	1486244	1479128	1485050	0.37	cps
Barium	137-1	2562719	2545674	2548417	2552270	0.36	cps
Beryllium	9-1	535742	535217	529284	533414	0.67	cps
Bismuth	209-1	1818542	1816964	1821806	1819104	0.14	cps
Bismuth	209-2	1188188	1216661	1239197	1214682	2.10	cps
Boron	10-1	79107	78428	77290	78275	1.17	cps
Boron	11-1	345701	355164	355506	352124	1.58	cps
Cadmium	111-1	393586	395994	394885	394822	0.31	cps
Cadmium	106-1	34317	34643	34602	34521	0.51	cps
Cadmium	108-1	23683	23378	22777	23279	1.98	cps
Calcium	43-1	630868	636161	628832	631954	0.60	cps
Calcium	44-1	10019139	10055065	9940696	10004966	0.58	cps
Chromium	52-2	619730	619105	633685	624173	1.32	cps
Cobalt	59-2	807637	810140	824974	814251	1.15	cps
Copper	63-2	1003925	1007803	1013032	1008253	0.45	cps
Dysprosium	156-1	25	25	58	36	53.30	cps
Dysprosium	156-2	33	37	27	32	15.80	cps
Erbium	164-1	25	17	0	14	91.65	cps
Erbium	164-2	7	0	17	8	107.84	cps
Gadolinium	160-1	50	25	42	39	32.73	cps
Gadolinium	160-2	50	100	57	69	39.41	cps
Holmium	165-1	3075153	3107691	3075746	3086197	0.60	cps
Holmium	165-2	1737050	1740398	1745922	1741123	0.26	cps
Indium	115-1	2191245	2198753	2178314	2189437	0.47	cps
Indium	115-2	554931	560076	563636	559547	0.78	cps
Iron	56-2	22043129	22048723	22260194	22117349	0.56	cps
Iron	57-2	572759	579857	593188	581935	1.78	cps
Krypton	83-1	107	157	123	129	19.75	cps
Lead	206-1	885687	883827	881891	883802	0.21	cps
Lead	207-1	800015	804374	806160	803517	0.39	cps
Lead	208-1	3550113	3557440	3578716	3562090	0.42	cps
Lithium	6-1	1632913	1627846	1610814	1623858	0.71	cps
Magnesium	24-2	5881710	5807796	5879605	5856371	0.72	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	706592	709484	725151	713742	1.40	cps
Molybdenum	94-1	3593006	3588903	3529755	3570555	0.99	cps
Molybdenum	95-1	4859274	4811594	4801888	4824252	0.64	cps
Molybdenum	96-1	5241501	5239798	5198940	5226746	0.46	cps
Molybdenum	97-1	2898621	2924704	2889918	2904414	0.62	cps
Molybdenum	98-1	7530028	7617901	7567033	7571654	0.58	cps
Neodymium	150-1	93	80	113	96	17.56	cps
Neodymium	150-2	33	17	17	22	43.28	cps
Nickel	60-2	203252	206337	207012	205534	0.98	cps
Phosphorus	31-2	30164	30231	30607	30334	0.79	cps
Potassium	39-2	2747799	2737384	2776850	2754011	0.74	cps
Rhodium	103-1	2259906	2258961	2217074	2245313	1.09	cps
Rhodium	103-2	1205749	1228158	1231465	1221790	1.15	cps
Scandium	45-1	2593252	2598112	2562472	2584612	0.75	cps
Scandium	45-2	142945	143887	147246	144693	1.56	cps
Selenium	77-2	1567	1720	1677	1655	4.78	cps
Selenium	78-2	5305	5281	5546	5377	2.72	cps
Selenium	82-1	28263	28609	28444	28439	0.61	cps
Silicon	28-1	2515501	2578762	2580882	2558382	1.45	cps
Silver	109-1	1343800	1341830	1330062	1338564	0.55	cps
Silver	107-1	1401323	1389818	1384399	1391847	0.62	cps
Sodium	23-2	11628983	11561082	11749465	11646510	0.82	cps
Strontium	86-1	459806	458560	457967	458778	0.20	cps
Strontium	88-1	3841802	3865441	3824520	3843921	0.53	cps
Sulfur	34-1	389377	394836	390186	391466	0.75	cps
Terbium	159-1	3256721	3269723	3244054	3256833	0.39	cps
Terbium	159-2	1780283	1795836	1794803	1790308	0.49	cps
Thallium	203-1	1082685	1086368	1080875	1083309	0.26	cps
Thallium	205-1	2595772	2585358	2574053	2585061	0.42	cps
Thorium	232-1	4238724	4220422	4174376	4211174	0.79	cps
Tin	118-1	921273	924214	929051	924846	0.42	cps
Titanium	47-1	1831756	1821069	1794030	1815618	1.07	cps
Uranium	238-1	4177781	4153624	4096793	4142733	1.00	cps
Vanadium	51-2	528597	533867	541229	534564	1.19	cps
Yttrium	89-1	3104436	3119885	3085961	3103427	0.55	cps
Yttrium	89-2	531560	542441	549505	541169	1.67	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:26:30	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	154820	154564	158196	155860	1.30	cps
Zirconium	90-1	2512746	2515595	2482501	2503614	0.73	cps
Zirconium	91-1	549017	550933	543320	547756	0.72	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:30:21 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	993539	1030624	1023282	1015815	1.93	cps
Antimony	121-1	2321991	2303531	2287436	2304319	0.75	cps
Arsenic	75-1	742298	733601	723766	733222	1.26	cps
Barium	135-1	3060452	3071621	3015179	3049084	0.98	cps
Barium	137-1	5298410	5284289	5226745	5269815	0.72	cps
Beryllium	9-1	1072319	1064269	1053050	1063213	0.91	cps
Bismuth	209-1	1809944	1763190	1995120	1856085	6.61	cps
Bismuth	209-2	1200578	1220739	1218682	1213333	0.91	cps
Boron	10-1	158481	164282	160057	160940	1.86	cps
Boron	11-1	705101	718772	718705	714192	1.10	cps
Cadmium	111-1	838971	844724	827816	837170	1.03	cps
Cadmium	106-1	72025	74538	70970	72511	2.53	cps
Cadmium	108-1	50707	50511	49390	50203	1.42	cps
Calcium	43-1	1287140	1282519	1259340	1276333	1.17	cps
Calcium	44-1	20631402	20636509	20316387	20528100	0.89	cps
Chromium	52-2	1243205	1257825	1246849	1249293	0.61	cps
Cobalt	59-2	1598147	1618595	1625742	1614161	0.89	cps
Copper	63-2	2123658	2123235	2120715	2122536	0.07	cps
Dysprosium	156-1	42	75	33	50	44.10	cps
Dysprosium	156-2	87	67	57	70	21.82	cps
Erbium	164-1	33	8	17	19	65.47	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	42	8	28	62.46	cps
Gadolinium	160-2	67	67	60	64	5.98	cps
Holmium	165-1	3147136	3078266	3450953	3225451	6.15	cps
Holmium	165-2	1775262	1781047	1766496	1774269	0.41	cps
Indium	115-1	2163353	2111190	2376078	2216874	6.33	cps
Indium	115-2	547626	557433	562844	555968	1.39	cps
Iron	56-2	44587640	44799409	44652437	44679829	0.24	cps
Iron	57-2	1153528	1166560	1196982	1172357	1.90	cps
Krypton	83-1	167	113	170	150	21.20	cps
Lead	206-1	1823736	1792140	1775222	1797033	1.37	cps
Lead	207-1	1611899	1596948	1567839	1592229	1.41	cps
Lead	208-1	7304743	7258904	7155045	7239564	1.06	cps
Lithium	6-1	1633448	1586975	1764856	1661760	5.55	cps
Magnesium	24-2	11831623	12028872	11967029	11942508	0.84	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:30:21	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1411122	1441909	1439383	1430805	1.19	cps
Molybdenum	94-1	7423459	7402521	7391120	7405700	0.22	cps
Molybdenum	95-1	10026669	10032653	9939541	9999621	0.52	cps
Molybdenum	96-1	10846943	10948342	10705412	10833565	1.13	cps
Molybdenum	97-1	6067529	6058243	5983186	6036319	0.77	cps
Molybdenum	98-1	15850506	15734095	15428395	15670999	1.39	cps
Neodymium	150-1	127	173	167	156	16.23	cps
Neodymium	150-2	20	27	20	22	17.33	cps
Nickel	60-2	408511	412791	409373	410225	0.55	cps
Phosphorus	31-2	61101	62632	61527	61753	1.28	cps
Potassium	39-2	5536555	5565827	5551605	5551329	0.26	cps
Rhodium	103-1	2234714	2164878	2409320	2269637	5.55	cps
Rhodium	103-2	1211595	1221293	1234696	1222528	0.95	cps
Scandium	45-1	2621582	2529284	2861120	2670662	6.41	cps
Scandium	45-2	144799	149664	150000	148154	1.96	cps
Selenium	77-2	3337	3230	3320	3296	1.74	cps
Selenium	78-2	11210	10960	11130	11100	1.15	cps
Selenium	82-1	57831	57903	56384	57372	1.49	cps
Silicon	28-1	4565217	4653428	4654280	4624308	1.11	cps
Silver	109-1	2841281	2821754	2809400	2824145	0.57	cps
Silver	107-1	2996876	2983148	2908849	2962958	1.60	cps
Sodium	23-2	23549707	23777679	23586995	23638127	0.52	cps
Strontium	86-1	935451	929694	914410	926518	1.17	cps
Strontium	88-1	7993740	7868006	7755323	7872356	1.52	cps
Sulfur	34-1	615569	608454	598627	607550	1.40	cps
Terbium	159-1	3309419	3212180	3606578	3376059	6.09	cps
Terbium	159-2	1811928	1815275	1820421	1815874	0.24	cps
Thallium	203-1	2270314	2266713	2224084	2253703	1.14	cps
Thallium	205-1	5381403	5302479	5239590	5307824	1.34	cps
Thorium	232-1	8855508	8858390	8624912	8779603	1.53	cps
Tin	118-1	1950852	1904552	1882465	1912623	1.82	cps
Titanium	47-1	3922633	3895630	3813498	3877254	1.47	cps
Uranium	238-1	8663491	8642262	8417311	8574355	1.59	cps
Vanadium	51-2	1076510	1095101	1087770	1086460	0.86	cps
Yttrium	89-1	3173774	3055244	3435284	3221434	6.04	cps
Yttrium	89-2	545065	551732	557204	551333	1.10	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:30:21	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	335100	337359	340032	337497	0.73	cps
Zirconium	90-1	5286553	5189189	5115928	5197223	1.65	cps
Zirconium	91-1	1140061	1132575	1110761	1127799	1.35	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:34:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4929184	4882265	4978610	4930020	0.98	cps
Antimony	121-1	3075	3259	3501	3278	6.50	cps
Arsenic	75-1	1183	943	1145	1090	11.84	cps
Barium	135-1	533	475	408	472	13.25	cps
Barium	137-1	867	817	783	822	5.10	cps
Beryllium	9-1	197	210	187	198	5.92	cps
Bismuth	209-1	1572940	1535931	1503765	1537545	2.25	cps
Bismuth	209-2	1002258	995322	1025024	1007535	1.54	cps
Boron	10-1	11488	10663	10321	10824	5.55	cps
Boron	11-1	51372	48688	46046	48702	5.47	cps
Cadmium	111-1	3231	3149	3158	3179	1.42	cps
Cadmium	106-1	1042	1017	1017	1025	1.41	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	5828459	5812408	5874249	5838372	0.55	cps
Calcium	44-1	93576663	93521463	93803575	93633900	0.16	cps
Chromium	52-2	11671	11892	11978	11847	1.34	cps
Cobalt	59-2	18946	18665	19503	19038	2.24	cps
Copper	63-2	2437	2364	2474	2425	2.31	cps
Dysprosium	156-1	25	50	17	31	56.77	cps
Dysprosium	156-2	23	27	17	22	22.91	cps
Erbium	164-1	17	8	25	17	50.01	cps
Erbium	164-2	10	7	10	9	21.63	cps
Gadolinium	160-1	50	17	8	25	88.19	cps
Gadolinium	160-2	77	50	73	67	21.80	cps
Holmium	165-1	2802587	2811513	2794674	2802925	0.30	cps
Holmium	165-2	1668422	1658820	1703969	1677070	1.42	cps
Indium	115-1	1919360	1893435	1891289	1901362	0.82	cps
Indium	115-2	494578	494360	509974	499637	1.79	cps
Iron	56-2	210387899	206165288	213240805	209931331	1.70	cps
Iron	57-2	5355072	5263977	5389054	5336034	1.21	cps
Krypton	83-1	133	117	130	127	6.96	cps
Lead	206-1	1822	1650	1545	1672	8.39	cps
Lead	207-1	1578	1261	1145	1328	16.89	cps
Lead	208-1	6551	6012	5712	6091	6.98	cps
Lithium	6-1	1490714	1468944	1470914	1476857	0.82	cps
Magnesium	24-2	55571110	54643530	55951076	55388572	1.21	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:34:09	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3550	3661	3754	3655	2.79	cps
Molybdenum	94-1	3009	3050	3117	3059	1.79	cps
Molybdenum	95-1	4893	4676	4351	4640	5.88	cps
Molybdenum	96-1	6535	6418	6160	6371	3.01	cps
Molybdenum	97-1	2667	2409	2559	2545	5.10	cps
Molybdenum	98-1	7044	6485	6460	6663	4.95	cps
Neodymium	150-1	40	47	67	51	27.15	cps
Neodymium	150-2	23	23	17	21	18.21	cps
Nickel	60-2	5434	5658	5665	5586	2.34	cps
Phosphorus	31-2	292	300	167	253	29.55	cps
Potassium	39-2	26587996	26449308	27075331	26704212	1.23	cps
Rhodium	103-1	1907063	1901332	1854406	1887600	1.53	cps
Rhodium	103-2	1024721	1016484	1056523	1032576	2.05	cps
Scandium	45-1	2342719	2330871	2324723	2332771	0.39	cps
Scandium	45-2	135247	133387	137706	135447	1.60	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	37	33	54	41	26.23	cps
Selenium	82-1	122	108	115	115	6.02	cps
Silicon	28-1	175727	173232	166408	171789	2.81	cps
Silver	109-1	417	267	233	306	31.96	cps
Silver	107-1	358	258	208	275	27.77	cps
Sodium	23-2	111207715	109466436	111368898	110681016	0.95	cps
Strontium	86-1	3817	4067	4159	4015	4.41	cps
Strontium	88-1	31552	30700	30283	30845	2.10	cps
Sulfur	34-1	165389	175032	172158	170859	2.90	cps
Terbium	159-1	2954546	2937646	2926155	2939449	0.49	cps
Terbium	159-2	1684609	1687538	1744974	1705707	2.00	cps
Thallium	203-1	658	650	767	692	9.41	cps
Thallium	205-1	2242	1892	1817	1984	11.44	cps
Thorium	232-1	1789	1672	1450	1637	10.52	cps
Tin	118-1	858	883	958	900	5.78	cps
Titanium	47-1	600	733	792	708	13.87	cps
Uranium	238-1	925	692	592	736	23.24	cps
Vanadium	51-2	153	220	180	184	18.19	cps
Yttrium	89-1	2840650	2784018	2783674	2802780	1.17	cps
Yttrium	89-2	494781	491777	510528	499029	2.02	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:34:09	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	2334	2300	2227	2287	2.39	cps
Zirconium	90-1	1408	1458	1633	1500	7.88	cps
Zirconium	91-1	300	358	342	333	9.01	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25055	24537	24788	24794	1.04	cps
Antimony	121-1	435996	434446	430977	433806	0.59	cps
Arsenic	75-1	146030	144484	144157	144890	0.69	cps
Barium	135-1	58591	58558	56658	57936	1.91	cps
Barium	137-1	99967	99741	99514	99741	0.23	cps
Beryllium	9-1	107654	107212	107520	107462	0.21	cps
Bismuth	209-1	1764063	1752106	1737452	1751207	0.76	cps
Bismuth	209-2	1156911	1173843	1150383	1160379	1.04	cps
Boron	10-1	4001	3784	3492	3759	6.79	cps
Boron	11-1	15850	16193	16084	16042	1.09	cps
Cadmium	111-1	76676	75398	75730	75935	0.87	cps
Cadmium	106-1	6077	6168	6243	6163	1.36	cps
Cadmium	108-1	4763	4730	4338	4611	5.13	cps
Calcium	43-1	24972	24563	25231	24922	1.35	cps
Calcium	44-1	412756	408256	406205	409072	0.82	cps
Chromium	52-2	122940	124403	124863	124069	0.81	cps
Cobalt	59-2	163874	167514	165798	165729	1.10	cps
Copper	63-2	103707	105080	104090	104292	0.68	cps
Dysprosium	156-1	0	17	0	6	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	8	25	14	69.31	cps
Erbium	164-2	7	10	23	13	66.12	cps
Gadolinium	160-1	0	25	50	25	100.00	cps
Gadolinium	160-2	93	37	40	57	56.12	cps
Holmium	165-1	2880298	2865603	2855485	2867129	0.44	cps
Holmium	165-2	1699445	1644046	1656157	1666549	1.75	cps
Indium	115-1	2120199	2088892	2086594	2098562	0.89	cps
Indium	115-2	535233	540534	542717	539495	0.71	cps
Iron	56-2	953470	968268	966541	962759	0.84	cps
Iron	57-2	23842	24198	25456	24499	3.46	cps
Krypton	83-1	160	150	153	154	3.30	cps
Lead	206-1	364502	359133	358337	360657	0.93	cps
Lead	207-1	309427	309823	303445	307565	1.16	cps
Lead	208-1	1425880	1409693	1392457	1409343	1.19	cps
Lithium	6-1	1600902	1591247	1570220	1587456	0.99	cps
Magnesium	24-2	149792	148892	152787	150490	1.36	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70290	70428	71174	70631	0.67	cps
Molybdenum	94-1	1919231	1892258	1877159	1896216	1.12	cps
Molybdenum	95-1	3483618	3469592	3469101	3474103	0.24	cps
Molybdenum	96-1	3630920	3644253	3646853	3640675	0.23	cps
Molybdenum	97-1	2082772	2082034	2093034	2085947	0.29	cps
Molybdenum	98-1	5438426	5423223	5474823	5445491	0.49	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	41359	42314	42063	41912	1.18	cps
Phosphorus	31-2	183	200	150	178	14.32	cps
Potassium	39-2	239807	242009	244330	242049	0.93	cps
Rhodium	103-1	2189859	2199857	2192422	2194046	0.24	cps
Rhodium	103-2	1178478	1189652	1188207	1185446	0.51	cps
Scandium	45-1	2492442	2482382	2462247	2479024	0.62	cps
Scandium	45-2	138079	140751	139526	139452	0.96	cps
Selenium	77-2	630	647	630	636	1.51	cps
Selenium	78-2	2258	2261	2193	2237	1.72	cps
Selenium	82-1	11048	11211	11208	11156	0.84	cps
Silicon	28-1	142272	143734	145812	143939	1.24	cps
Silver	109-1	256752	252381	251348	253494	1.13	cps
Silver	107-1	264145	263773	263917	263945	0.07	cps
Sodium	23-2	506018	512699	509525	509414	0.66	cps
Strontium	86-1	2350	2250	2184	2261	3.71	cps
Strontium	88-1	18104	17803	18346	18084	1.50	cps
Sulfur	34-1	179273	178078	174382	177244	1.44	cps
Terbium	159-1	3057694	3019621	3027658	3034991	0.66	cps
Terbium	159-2	1680953	1695891	1684670	1687171	0.46	cps
Thallium	203-1	430715	428908	426539	428721	0.49	cps
Thallium	205-1	1031528	1024109	1017946	1024528	0.66	cps
Thorium	232-1	689	706	717	704	1.99	cps
Tin	118-1	225	150	200	192	19.92	cps
Titanium	47-1	1327134	1329780	1319392	1325435	0.41	cps
Uranium	238-1	117	100	100	106	9.11	cps
Vanadium	51-2	105198	106736	104900	105611	0.93	cps
Yttrium	89-1	2981393	2964384	2965961	2970580	0.32	cps
Yttrium	89-2	511990	519527	520618	517378	0.91	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:41:44	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	31655	31815	31718	31729	0.25	cps
Zirconium	90-1	925	858	825	870	5.86	cps
Zirconium	91-1	367	217	242	275	29.22	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:45:21 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	75	42	64	30.12	cps
Antimony	121-1	342	500	358	400	21.75	cps
Arsenic	75-1	79	129	110	106	23.60	cps
Barium	135-1	33	33	8	25	57.74	cps
Barium	137-1	67	25	25	39	61.86	cps
Beryllium	9-1	73	120	80	91	27.70	cps
Bismuth	209-1	1743958	1768400	1766514	1759624	0.77	cps
Bismuth	209-2	1193523	1191930	1057971	1147808	6.78	cps
Boron	10-1	2950	2834	2767	2850	3.26	cps
Boron	11-1	11955	11255	11280	11496	3.46	cps
Cadmium	111-1	2870	3095	2913	2959	4.04	cps
Cadmium	106-1	950	1025	967	981	4.02	cps
Cadmium	108-1	4	4	0	3	86.60	cps
Calcium	43-1	108	100	158	122	25.81	cps
Calcium	44-1	9195	8144	9087	8809	6.56	cps
Chromium	52-2	427	397	433	419	4.66	cps
Cobalt	59-2	50	20	57	42	46.26	cps
Copper	63-2	227	243	267	246	8.18	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	25	0	0	8	173.21	cps
Erbium	164-2	10	3	13	9	57.30	cps
Gadolinium	160-1	17	33	0	17	99.99	cps
Gadolinium	160-2	50	67	53	57	15.57	cps
Holmium	165-1	2881155	2911603	2898387	2897049	0.53	cps
Holmium	165-2	1740688	1718772	1585020	1681494	5.01	cps
Indium	115-1	2135261	2156246	2130250	2140586	0.64	cps
Indium	115-2	563677	561510	495347	540178	7.19	cps
Iron	56-2	3806	4078	3928	3938	3.46	cps
Iron	57-2	244	194	222	220	11.37	cps
Krypton	83-1	107	120	147	124	16.37	cps
Lead	206-1	256	272	244	257	5.43	cps
Lead	207-1	256	244	200	233	12.60	cps
Lead	208-1	1094	944	922	987	9.49	cps
Lithium	6-1	1600834	1589451	1579145	1589810	0.68	cps
Magnesium	24-2	483	342	425	417	17.09	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:45:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	30	20	26	19.92	cps
Molybdenum	94-1	758	517	492	589	25.01	cps
Molybdenum	95-1	975	808	825	870	10.56	cps
Molybdenum	96-1	1100	1092	783	992	18.20	cps
Molybdenum	97-1	617	550	392	519	22.25	cps
Molybdenum	98-1	1709	1450	1192	1450	17.82	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	13	20	19	26.96	cps
Phosphorus	31-2	117	133	208	153	31.96	cps
Potassium	39-2	16802	16259	16910	16657	2.09	cps
Rhodium	103-1	2224136	2228382	2190529	2214349	0.94	cps
Rhodium	103-2	1243007	1229488	1090425	1187640	7.11	cps
Scandium	45-1	2503427	2526106	2511052	2513528	0.46	cps
Scandium	45-2	147415	146914	126498	140276	8.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	33	52	39	41	22.98	cps
Selenium	82-1	85	87	80	84	4.41	cps
Silicon	28-1	128457	127934	126783	127725	0.67	cps
Silver	109-1	75	92	33	67	45.07	cps
Silver	107-1	92	67	67	75	19.24	cps
Sodium	23-2	21057	20823	21491	21124	1.60	cps
Strontium	86-1	167	150	167	161	5.97	cps
Strontium	88-1	50	42	58	50	16.67	cps
Sulfur	34-1	182268	183407	183989	183221	0.48	cps
Terbium	159-1	3045538	3063943	3063190	3057557	0.34	cps
Terbium	159-2	1784844	1780004	1612854	1725901	5.67	cps
Thallium	203-1	242	217	267	242	10.34	cps
Thallium	205-1	550	508	500	519	5.16	cps
Thorium	232-1	172	206	217	198	11.67	cps
Tin	118-1	217	200	183	200	8.33	cps
Titanium	47-1	200	258	158	206	24.44	cps
Uranium	238-1	8	17	8	11	43.34	cps
Vanadium	51-2	7	10	10	9	21.63	cps
Yttrium	89-1	2999377	3020017	2999717	3006370	0.39	cps
Yttrium	89-2	542238	542943	476706	520629	7.31	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:45:21	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	67	90	47	68	32.00	cps
Zirconium	90-1	258	233	233	242	5.97	cps
Zirconium	91-1	75	125	83	94	28.37	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:48:58 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4781466	4816907	4846153	4814842	0.67	cps
Antimony	121-1	2784	2742	2859	2795	2.12	cps
Arsenic	75-1	978	1133	1104	1071	7.71	cps
Barium	135-1	975	867	967	936	6.44	cps
Barium	137-1	1500	1717	1467	1561	8.70	cps
Beryllium	9-1	427	397	303	376	17.13	cps
Bismuth	209-1	1676789	1675066	1706351	1686069	1.04	cps
Bismuth	209-2	1105834	1105015	1107081	1105977	0.09	cps
Boron	10-1	2592	2275	2317	2395	7.19	cps
Boron	11-1	10729	9912	9937	10193	4.56	cps
Cadmium	111-1	3745	3504	3789	3679	4.18	cps
Cadmium	106-1	1042	950	1042	1011	5.23	cps
Cadmium	108-1	671	608	617	632	5.37	cps
Calcium	43-1	1232751	1220914	1235202	1229622	0.62	cps
Calcium	44-1	20102282	20174763	20218699	20165248	0.29	cps
Chromium	52-2	26915	26788	27436	27046	1.27	cps
Cobalt	59-2	2124	2187	2110	2140	1.91	cps
Copper	63-2	8603	8539	8626	8589	0.52	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	33	25	22	57.29	cps
Erbium	164-2	3	10	23	12	83.33	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	53	60	57	57	5.89	cps
Holmium	165-1	2920702	2958914	2984421	2954679	1.09	cps
Holmium	165-2	1684560	1690717	1681486	1685587	0.28	cps
Indium	115-1	2080347	2094640	2124483	2099823	1.07	cps
Indium	115-2	531790	537856	542964	537536	1.04	cps
Iron	56-2	90177499	91134971	91589224	90967232	0.79	cps
Iron	57-2	2293486	2305899	2342444	2313943	1.10	cps
Krypton	83-1	100	113	160	124	25.32	cps
Lead	206-1	9020	9198	8553	8924	3.73	cps
Lead	207-1	7597	7013	7236	7282	4.05	cps
Lead	208-1	34513	33645	33083	33747	2.13	cps
Lithium	6-1	1592885	1589200	1595921	1592669	0.21	cps
Magnesium	24-2	12081797	12229114	12173491	12161467	0.61	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:48:58	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5921	6051	6051	6008	1.25	cps
Molybdenum	94-1	1604573	1568930	1569261	1580921	1.30	cps
Molybdenum	95-1	2845603	2864810	2852032	2854148	0.34	cps
Molybdenum	96-1	3026067	3047684	3034097	3035949	0.36	cps
Molybdenum	97-1	1699997	1703304	1699838	1701046	0.12	cps
Molybdenum	98-1	4498419	4522054	4448124	4489532	0.84	cps
Neodymium	150-1	20	20	20	20	0.00	cps
Neodymium	150-2	3	13	20	12	68.66	cps
Nickel	60-2	2390	2447	2384	2407	1.45	cps
Phosphorus	31-2	300434	301436	303843	301904	0.58	cps
Potassium	39-2	11551501	11632421	11442746	11542222	0.82	cps
Rhodium	103-1	2142077	2138407	2145264	2141916	0.16	cps
Rhodium	103-2	1143996	1163496	1163110	1156867	0.96	cps
Scandium	45-1	2541266	2535665	2554346	2543759	0.38	cps
Scandium	45-2	141383	143473	142662	142506	0.74	cps
Selenium	77-2	7	0	3	3	100.05	cps
Selenium	78-2	48	63	31	48	33.14	cps
Selenium	82-1	115	77	76	89	25.45	cps
Silicon	28-1	200710	197536	197730	198659	0.90	cps
Silver	109-1	133	75	175	128	39.31	cps
Silver	107-1	167	125	183	158	18.97	cps
Sodium	23-2	24306523	24561445	24461266	24443078	0.53	cps
Strontium	86-1	31611	31552	32939	32034	2.45	cps
Strontium	88-1	273254	270690	268681	270875	0.85	cps
Sulfur	34-1	2479787	2483345	2504429	2489187	0.54	cps
Terbium	159-1	3096682	3152748	3146461	3131964	0.98	cps
Terbium	159-2	1726226	1734491	1723638	1728118	0.33	cps
Thallium	203-1	250	258	275	261	4.88	cps
Thallium	205-1	750	667	617	678	9.94	cps
Thorium	232-1	211	211	194	206	4.68	cps
Tin	118-1	458	467	458	461	1.04	cps
Titanium	47-1	1135094	1118781	1121327	1125067	0.78	cps
Uranium	238-1	258	158	158	192	30.12	cps
Vanadium	51-2	240	263	237	247	5.89	cps
Yttrium	89-1	3045796	3031176	3045002	3040658	0.27	cps
Yttrium	89-2	526202	534038	534034	531425	0.85	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:48:58	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1717	1803	1970	1830	7.04	cps
Zirconium	90-1	467	325	367	386	18.86	cps
Zirconium	91-1	75	92	117	94	22.21	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:52:35 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4892498	4895842	4874589	4887643	0.23	cps
Antimony	121-1	50525	49263	48660	49483	1.92	cps
Arsenic	75-1	15976	15971	16089	16012	0.41	cps
Barium	135-1	13215	13157	13791	13388	2.62	cps
Barium	137-1	23487	23329	22436	23084	2.46	cps
Beryllium	9-1	22844	22226	22450	22507	1.39	cps
Bismuth	209-1	1684467	1663786	1689600	1679284	0.81	cps
Bismuth	209-2	1091420	1106309	1096589	1098106	0.69	cps
Boron	10-1	10704	10154	11021	10626	4.13	cps
Boron	11-1	47392	47986	47776	47718	0.63	cps
Cadmium	111-1	20034	21161	20198	20465	2.98	cps
Cadmium	106-1	2692	2917	2684	2764	4.79	cps
Cadmium	108-1	1988	1604	1625	1739	12.40	cps
Calcium	43-1	1261477	1244091	1244310	1249959	0.80	cps
Calcium	44-1	20455042	20449037	20396547	20433542	0.16	cps
Chromium	52-2	54514	53380	54052	53982	1.06	cps
Cobalt	59-2	36759	37548	37130	37146	1.06	cps
Copper	63-2	30051	30535	30295	30294	0.80	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	58	0	8	22	141.99	cps
Erbium	164-2	3	3	10	6	69.34	cps
Gadolinium	160-1	58	25	25	36	53.30	cps
Gadolinium	160-2	73	90	60	74	20.19	cps
Holmium	165-1	2985537	2932365	2975774	2964559	0.95	cps
Holmium	165-2	1699143	1682248	1687961	1689784	0.51	cps
Indium	115-1	2137978	2099523	2119021	2118841	0.91	cps
Indium	115-2	534831	542162	538371	538455	0.68	cps
Iron	56-2	93248824	92990058	92871299	93036727	0.21	cps
Iron	57-2	2374119	2369488	2354503	2366037	0.43	cps
Krypton	83-1	153	143	97	131	23.07	cps
Lead	206-1	48422	46237	47011	47223	2.35	cps
Lead	207-1	38869	38055	38256	38393	1.10	cps
Lead	208-1	181127	175683	178112	178307	1.53	cps
Lithium	6-1	1590762	1553227	1568794	1570928	1.20	cps
Magnesium	24-2	12468617	12453123	12472054	12464598	0.08	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:52:35 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21119	21169	21212	21166	0.22	cps
Molybdenum	94-1	1789720	1742424	1759836	1763993	1.36	cps
Molybdenum	95-1	3026086	2965178	3001341	2997535	1.02	cps
Molybdenum	96-1	3165501	3131639	3174483	3157208	0.72	cps
Molybdenum	97-1	1771670	1740740	1768451	1760287	0.97	cps
Molybdenum	98-1	4680701	4662910	4721059	4688223	0.64	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	11154	11161	11044	11120	0.59	cps
Phosphorus	31-2	310197	312435	306967	309866	0.89	cps
Potassium	39-2	11951259	11891268	11774566	11872365	0.76	cps
Rhodium	103-1	2156742	2123940	2148101	2142928	0.79	cps
Rhodium	103-2	1157692	1164906	1168000	1163532	0.45	cps
Scandium	45-1	2583771	2563532	2554418	2567240	0.59	cps
Scandium	45-2	142733	143877	143012	143207	0.42	cps
Selenium	77-2	83	83	90	86	4.50	cps
Selenium	78-2	222	291	281	265	14.04	cps
Selenium	82-1	1236	1248	1191	1225	2.44	cps
Silicon	28-1	364390	360902	364389	363227	0.55	cps
Silver	109-1	53645	51612	52900	52719	1.95	cps
Silver	107-1	58221	54213	56472	56302	3.57	cps
Sodium	23-2	25073795	25129743	24988884	25064141	0.28	cps
Strontium	86-1	94560	92983	93855	93800	0.84	cps
Strontium	88-1	799991	781633	793187	791603	1.17	cps
Sulfur	34-1	2538225	2505290	2525007	2522841	0.66	cps
Terbium	159-1	3163427	3115158	3140409	3139664	0.77	cps
Terbium	159-2	1728886	1714205	1714856	1719316	0.48	cps
Thallium	203-1	45294	44567	44124	44662	1.32	cps
Thallium	205-1	108826	104988	103612	105809	2.55	cps
Thorium	232-1	1211	1328	1267	1269	4.60	cps
Tin	118-1	105385	102675	103580	103880	1.33	cps
Titanium	47-1	1186316	1177783	1177257	1180452	0.43	cps
Uranium	238-1	456206	448184	454996	453129	0.95	cps
Vanadium	51-2	23235	23539	23212	23329	0.78	cps
Yttrium	89-1	3076445	3064145	3057298	3065963	0.32	cps
Yttrium	89-2	530246	535164	531829	532413	0.47	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:52:35	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4934	5264	5118	5105	3.24	cps
Zirconium	90-1	286057	280874	280047	282326	1.15	cps
Zirconium	91-1	64864	62596	63726	63729	1.78	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2927074	2927706	2942639	2932473	0.30	cps
Antimony	121-1	1134901	1108696	1120494	1121364	1.17	cps
Arsenic	75-1	387656	389112	385045	387271	0.53	cps
Barium	135-1	1488523	1490919	1479008	1486150	0.42	cps
Barium	137-1	2560492	2552011	2572753	2561752	0.41	cps
Beryllium	9-1	540770	538326	540864	539987	0.27	cps
Bismuth	209-1	1688002	1694785	1690206	1690997	0.20	cps
Bismuth	209-2	1119357	1127618	1142569	1129848	1.04	cps
Boron	10-1	78588	80775	82065	80476	2.18	cps
Boron	11-1	349562	361032	367263	359286	2.50	cps
Cadmium	111-1	428136	427089	423253	426159	0.60	cps
Cadmium	106-1	37902	38411	36807	37707	2.17	cps
Cadmium	108-1	25189	25139	25440	25256	0.64	cps
Calcium	43-1	3211373	3222926	3209780	3214693	0.22	cps
Calcium	44-1	51523342	51321932	50853632	51232969	0.67	cps
Chromium	52-2	656062	656528	663987	658859	0.68	cps
Cobalt	59-2	835388	839170	845353	839970	0.60	cps
Copper	63-2	1143884	1161349	1162675	1155969	0.91	cps
Dysprosium	156-1	17	33	25	25	33.32	cps
Dysprosium	156-2	47	67	43	52	24.17	cps
Erbium	164-1	17	8	50	25	88.19	cps
Erbium	164-2	0	7	13	7	99.98	cps
Gadolinium	160-1	17	17	33	22	43.28	cps
Gadolinium	160-2	53	63	77	64	18.17	cps
Holmium	165-1	3038235	3061340	3034321	3044632	0.48	cps
Holmium	165-2	1744358	1753864	1752708	1750310	0.30	cps
Indium	115-1	2124709	2114232	2121057	2119999	0.25	cps
Indium	115-2	559705	564264	565248	563072	0.53	cps
Iron	56-2	117503347	116823103	118134397	117486949	0.56	cps
Iron	57-2	2988357	2988131	3019609	2998699	0.60	cps
Krypton	83-1	167	103	140	137	23.26	cps
Lead	206-1	869238	859112	854837	861062	0.86	cps
Lead	207-1	782221	774883	769357	775487	0.83	cps
Lead	208-1	3455607	3448125	3437173	3446968	0.27	cps
Lithium	6-1	1623495	1613348	1623130	1619991	0.36	cps
Magnesium	24-2	31141404	31021397	31127649	31096816	0.21	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	739319	750712	754248	748093	1.04	cps
Molybdenum	94-1	3515384	3475529	3514732	3501882	0.65	cps
Molybdenum	95-1	4672813	4603806	4701359	4659326	1.08	cps
Molybdenum	96-1	5031024	4980461	5109603	5040363	1.29	cps
Molybdenum	97-1	2811403	2789910	2823536	2808283	0.61	cps
Molybdenum	98-1	7325810	7304788	7353119	7327906	0.33	cps
Neodymium	150-1	60	113	127	100	35.28	cps
Neodymium	150-2	23	27	13	21	32.88	cps
Nickel	60-2	207612	209352	212436	209800	1.16	cps
Phosphorus	31-2	31668	31634	31618	31640	0.08	cps
Potassium	39-2	15173052	15036638	15289110	15166266	0.83	cps
Rhodium	103-1	2152052	2171764	2156360	2160059	0.48	cps
Rhodium	103-2	1189482	1201848	1208983	1200105	0.82	cps
Scandium	45-1	2635933	2637007	2613967	2628969	0.49	cps
Scandium	45-2	152354	154280	155826	154154	1.13	cps
Selenium	77-2	1633	1700	1703	1679	2.35	cps
Selenium	78-2	5770	5688	5918	5792	2.01	cps
Selenium	82-1	28583	28474	28769	28609	0.52	cps
Silicon	28-1	1939086	1997422	2029105	1988538	2.30	cps
Silver	109-1	1415389	1411868	1412756	1413338	0.13	cps
Silver	107-1	1479723	1464726	1483887	1476112	0.68	cps
Sodium	23-2	62076093	62409412	63233960	62573155	0.95	cps
Strontium	86-1	477965	469273	470238	472492	1.01	cps
Strontium	88-1	3966631	3946906	3972281	3961939	0.34	cps
Sulfur	34-1	419995	419288	414607	417963	0.70	cps
Terbium	159-1	3237065	3216377	3188024	3213822	0.77	cps
Terbium	159-2	1795210	1777099	1786747	1786352	0.51	cps
Thallium	203-1	1052305	1052844	1046287	1050479	0.35	cps
Thallium	205-1	2520703	2497665	2485672	2501346	0.71	cps
Thorium	232-1	4171211	4199564	4197278	4189351	0.38	cps
Tin	118-1	931297	918657	929082	926345	0.73	cps
Titanium	47-1	1778891	1779435	1769192	1775839	0.32	cps
Uranium	238-1	4106466	4084213	4143720	4111466	0.73	cps
Vanadium	51-2	574057	574019	578502	575526	0.45	cps
Yttrium	89-1	3150126	3130209	3160716	3147017	0.49	cps
Yttrium	89-2	562260	563865	570663	565596	0.79	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P7
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:56:12	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	181935	185498	184436	183956	0.99	cps
Zirconium	90-1	2603771	2597306	2578850	2593309	0.50	cps
Zirconium	91-1	580875	566124	566456	571152	1.47	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : CCB73 Instrumnet Name : P7
 Client Sample ID : CCB73 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 15:59:52 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	125	108	142	31.12	cps
Antimony	121-1	667	800	958	808	18.06	cps
Arsenic	75-1	168	199	82	150	40.30	cps
Barium	135-1	67	50	75	64	19.92	cps
Barium	137-1	133	117	125	125	6.67	cps
Beryllium	9-1	93	97	117	102	12.35	cps
Bismuth	209-1	1794150	1812492	1795432	1800691	0.57	cps
Bismuth	209-2	1148152	1160976	1161863	1156997	0.66	cps
Boron	10-1	4834	4776	4726	4779	1.14	cps
Boron	11-1	22242	21007	19747	20999	5.94	cps
Cadmium	111-1	3517	2687	3074	3093	13.43	cps
Cadmium	106-1	1158	892	1008	1020	13.11	cps
Cadmium	108-1	0	4	4	3	86.60	cps
Calcium	43-1	192	158	175	175	9.53	cps
Calcium	44-1	11430	10821	11221	11157	2.77	cps
Chromium	52-2	373	453	490	439	13.59	cps
Cobalt	59-2	23	43	27	31	34.44	cps
Copper	63-2	530	437	443	470	11.08	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	8	8	8	8	0.00	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	17	33	25	25	33.32	cps
Gadolinium	160-2	60	57	53	57	5.89	cps
Holmium	165-1	3002601	2977923	2953612	2978045	0.82	cps
Holmium	165-2	1680765	1677958	1676386	1678370	0.13	cps
Indium	115-1	2216238	2183572	2163919	2187909	1.21	cps
Indium	115-2	549655	557924	554268	553949	0.75	cps
Iron	56-2	6768	6418	6118	6435	5.06	cps
Iron	57-2	228	311	300	280	16.18	cps
Krypton	83-1	150	143	120	138	11.43	cps
Lead	206-1	533	450	406	463	14.01	cps
Lead	207-1	339	350	478	389	19.85	cps
Lead	208-1	1883	1833	1939	1885	2.80	cps
Lithium	6-1	1636940	1627177	1599103	1621073	1.21	cps
Magnesium	24-2	1117	933	1042	1031	8.94	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:59:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	50	67	60	14.70	cps
Molybdenum	94-1	925	850	775	850	8.82	cps
Molybdenum	95-1	1058	1150	825	1011	16.57	cps
Molybdenum	96-1	1367	1158	1033	1186	14.20	cps
Molybdenum	97-1	683	650	608	647	5.81	cps
Molybdenum	98-1	1734	1342	1358	1478	14.99	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	33	23	26	27.15	cps
Phosphorus	31-2	183	167	183	178	5.41	cps
Potassium	39-2	21308	21241	20565	21038	1.95	cps
Rhodium	103-1	2293458	2303855	2249574	2282296	1.26	cps
Rhodium	103-2	1215166	1224826	1228610	1222867	0.57	cps
Scandium	45-1	2588318	2580761	2569681	2579587	0.36	cps
Scandium	45-2	143682	146552	145722	145319	1.02	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	43	52	45	13.21	cps
Selenium	82-1	79	90	83	84	6.46	cps
Silicon	28-1	139998	134568	132322	135629	2.91	cps
Silver	109-1	133	192	217	181	23.68	cps
Silver	107-1	267	208	208	228	14.79	cps
Sodium	23-2	30958	30256	29972	30396	1.67	cps
Strontium	86-1	225	217	250	231	7.52	cps
Strontium	88-1	283	225	108	206	43.35	cps
Sulfur	34-1	191760	190163	192374	191432	0.60	cps
Terbium	159-1	3144620	3167872	3112095	3141529	0.89	cps
Terbium	159-2	1714131	1739192	1723091	1725471	0.74	cps
Thallium	203-1	325	367	250	314	18.84	cps
Thallium	205-1	775	817	800	797	2.63	cps
Thorium	232-1	739	672	561	657	13.66	cps
Tin	118-1	342	425	250	339	25.83	cps
Titanium	47-1	150	275	133	186	41.61	cps
Uranium	238-1	233	200	158	197	19.05	cps
Vanadium	51-2	17	23	17	19	20.36	cps
Yttrium	89-1	3110234	3100773	3078468	3096492	0.53	cps
Yttrium	89-2	533309	533644	532971	533308	0.06	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P7
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 15:59:52	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	93	93	57	81	26.10	cps
Zirconium	90-1	583	500	417	500	16.67	cps
Zirconium	91-1	100	42	92	78	40.56	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1183	1092	967	1081	10.07	cps
Antimony	121-1	4426	4101	4643	4390	6.21	cps
Arsenic	75-1	864	851	877	864	1.50	cps
Barium	135-1	5902	5927	5768	5865	1.45	cps
Barium	137-1	10421	10029	10254	10235	1.92	cps
Beryllium	9-1	1157	1203	1187	1182	2.00	cps
Bismuth	209-1	1828482	1799801	1819005	1815763	0.80	cps
Bismuth	209-2	1157642	1160634	1152429	1156902	0.36	cps
Boron	10-1	6577	6468	6685	6577	1.65	cps
Boron	11-1	29839	29772	29204	29605	1.18	cps
Cadmium	111-1	3641	4159	3682	3827	7.52	cps
Cadmium	106-1	975	1208	1008	1064	11.86	cps
Cadmium	108-1	88	63	29	60	49.00	cps
Calcium	43-1	6268	5710	6443	6140	6.24	cps
Calcium	44-1	111543	109713	108605	109954	1.35	cps
Chromium	52-2	2927	3037	2884	2949	2.68	cps
Cobalt	59-2	1787	1603	1780	1723	6.03	cps
Copper	63-2	2474	2447	2710	2544	5.70	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	0	0	17	6	173.21	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	25	25	0	17	86.60	cps
Gadolinium	160-2	53	67	73	64	15.80	cps
Holmium	165-1	3061634	2953156	3019469	3011420	1.82	cps
Holmium	165-2	1721694	1716333	1685248	1707758	1.15	cps
Indium	115-1	2236009	2210190	2223784	2223328	0.58	cps
Indium	115-2	560791	560597	556133	559174	0.47	cps
Iron	56-2	54005	55360	54507	54624	1.25	cps
Iron	57-2	1589	1533	1639	1587	3.33	cps
Krypton	83-1	163	153	137	151	8.92	cps
Lead	206-1	2050	2384	2011	2148	9.53	cps
Lead	207-1	2067	1772	1628	1822	12.28	cps
Lead	208-1	8924	8929	8563	8805	2.39	cps
Lithium	6-1	1670100	1635719	1654249	1653356	1.04	cps
Magnesium	24-2	63879	65653	65418	64983	1.48	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	670	693	850	738	13.27	cps
Molybdenum	94-1	6035	6018	6160	6071	1.28	cps
Molybdenum	95-1	7894	7436	7861	7730	3.31	cps
Molybdenum	96-1	8386	8394	8261	8347	0.90	cps
Molybdenum	97-1	4501	4568	4643	4570	1.55	cps
Molybdenum	98-1	11864	11680	11939	11828	1.12	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	447	513	447	469	8.21	cps
Phosphorus	31-2	392	333	350	358	8.39	cps
Potassium	39-2	75634	75978	76732	76115	0.74	cps
Rhodium	103-1	2322971	2295781	2317567	2312106	0.62	cps
Rhodium	103-2	1232886	1239332	1239197	1237138	0.30	cps
Scandium	45-1	2645821	2603786	2621054	2623554	0.81	cps
Scandium	45-2	145035	146966	145731	145911	0.67	cps
Selenium	77-2	17	30	10	19	53.91	cps
Selenium	78-2	120	93	122	112	14.86	cps
Selenium	82-1	375	355	370	367	2.78	cps
Silicon	28-1	156148	153840	154903	154964	0.75	cps
Silver	109-1	3109	2967	2884	2987	3.81	cps
Silver	107-1	3109	3309	3025	3148	4.63	cps
Sodium	23-2	148698	147847	146457	147667	0.77	cps
Strontium	86-1	967	1133	925	1008	10.93	cps
Strontium	88-1	8286	7686	7827	7933	3.96	cps
Sulfur	34-1	202371	202449	201915	202245	0.14	cps
Terbium	159-1	3205282	3159176	3180828	3181762	0.72	cps
Terbium	159-2	1743698	1735454	1737115	1738756	0.25	cps
Thallium	203-1	2267	1942	2134	2114	7.73	cps
Thallium	205-1	4959	5026	5151	5046	1.93	cps
Thorium	232-1	8303	8025	8181	8169	1.71	cps
Tin	118-1	9462	9287	9645	9465	1.89	cps
Titanium	47-1	3234	3017	3100	3117	3.51	cps
Uranium	238-1	8094	7227	7444	7589	5.95	cps
Vanadium	51-2	5714	6028	5651	5798	3.48	cps
Yttrium	89-1	3164643	3123863	3122069	3136858	0.77	cps
Yttrium	89-2	533803	543014	535137	537318	0.93	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:03:29	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	383	393	463	413	10.55	cps
Zirconium	90-1	5126	4976	5135	5079	1.76	cps
Zirconium	91-1	1092	1092	1275	1153	9.18	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : PB121140BL Instrumnet Name : P7
 Client Sample ID : PB121140BL Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:07:05 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	67	33	90.15	cps
Antimony	121-1	100	125	133	119	14.53	cps
Arsenic	75-1	88	147	137	124	25.58	cps
Barium	135-1	8	17	8	11	43.34	cps
Barium	137-1	33	25	8	22	57.29	cps
Beryllium	9-1	57	83	73	71	18.94	cps
Bismuth	209-1	1823184	1822641	1822593	1822806	0.02	cps
Bismuth	209-2	1171108	1181985	1190904	1181332	0.84	cps
Boron	10-1	2534	2250	2167	2317	8.30	cps
Boron	11-1	10754	10612	10354	10574	1.92	cps
Cadmium	111-1	3529	2867	3575	3324	11.92	cps
Cadmium	106-1	1175	950	1183	1103	12.00	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	117	67	167	117	42.86	cps
Calcium	44-1	9195	9320	8945	9153	2.09	cps
Chromium	52-2	410	543	457	470	14.40	cps
Cobalt	59-2	13	13	27	18	43.33	cps
Copper	63-2	317	397	293	336	16.15	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	8	17	25	17	50.01	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	25	33	17	25	33.32	cps
Gadolinium	160-2	57	53	43	51	13.58	cps
Holmium	165-1	3048536	3057130	3006153	3037273	0.90	cps
Holmium	165-2	1733974	1746182	1749331	1743162	0.47	cps
Indium	115-1	2245559	2229364	2206479	2227134	0.88	cps
Indium	115-2	566138	565533	571697	567789	0.60	cps
Iron	56-2	3034	2834	3000	2956	3.63	cps
Iron	57-2	167	172	211	183	13.21	cps
Krypton	83-1	133	163	80	126	33.62	cps
Lead	206-1	461	400	406	422	8.00	cps
Lead	207-1	344	328	289	320	8.90	cps
Lead	208-1	1611	1411	1350	1457	9.37	cps
Lithium	6-1	1695562	1694549	1661508	1683873	1.15	cps
Magnesium	24-2	108	83	83	92	15.74	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BL	Instrumnet Name :	P7
Client Sample ID :	PB121140BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:07:05	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	17	37	23	26	39.85	cps
Molybdenum	94-1	175	192	183	183	4.55	cps
Molybdenum	95-1	125	150	192	156	21.65	cps
Molybdenum	96-1	217	150	233	200	22.05	cps
Molybdenum	97-1	83	75	133	97	32.45	cps
Molybdenum	98-1	275	292	308	292	5.72	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	17	37	28	36.66	cps
Phosphorus	31-2	242	217	183	214	13.68	cps
Potassium	39-2	16985	17870	18003	17619	3.14	cps
Rhodium	103-1	2336336	2330319	2318647	2328434	0.39	cps
Rhodium	103-2	1249196	1252385	1265589	1255724	0.69	cps
Scandium	45-1	2653620	2663266	2635700	2650862	0.53	cps
Scandium	45-2	148852	149761	150697	149770	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	24	56	46	41.02	cps
Selenium	82-1	99	53	119	90	37.63	cps
Silicon	28-1	125177	124295	123388	124287	0.72	cps
Silver	109-1	58	67	92	72	24.02	cps
Silver	107-1	50	67	117	78	44.61	cps
Sodium	23-2	20565	20915	20106	20529	1.98	cps
Strontium	86-1	258	208	242	236	10.78	cps
Strontium	88-1	67	33	42	47	36.74	cps
Sulfur	34-1	210354	209864	208546	209588	0.45	cps
Terbium	159-1	3228089	3231213	3182658	3213987	0.85	cps
Terbium	159-2	1782041	1783997	1792981	1786340	0.33	cps
Thallium	203-1	100	108	142	117	18.90	cps
Thallium	205-1	258	275	217	250	12.02	cps
Thorium	232-1	161	167	139	156	9.45	cps
Tin	118-1	133	208	100	147	37.69	cps
Titanium	47-1	100	67	42	69	42.14	cps
Uranium	238-1	25	8	25	19	49.50	cps
Vanadium	51-2	3	7	7	6	34.70	cps
Yttrium	89-1	3164475	3143916	3131201	3146531	0.53	cps
Yttrium	89-2	547153	544144	552481	547926	0.77	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BL	Instrumnet Name :	P7
Client Sample ID :	PB121140BL	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:07:05	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	147	163	127	146	12.61	cps
Zirconium	90-1	242	283	317	281	13.39	cps
Zirconium	91-1	67	42	25	44	47.19	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : PB121140BS Instrumnet Name : P7
 Client Sample ID : PB121140BS Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:10:40 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	537199	533639	549590	540143	1.55	cps
Antimony	121-1	1170450	1138325	1133484	1147420	1.75	cps
Arsenic	75-1	383229	376846	374783	378286	1.16	cps
Barium	135-1	1530237	1502296	1470219	1500917	2.00	cps
Barium	137-1	2635186	2617936	2579823	2610982	1.08	cps
Beryllium	9-1	572840	567546	557278	565888	1.40	cps
Bismuth	209-1	1827116	1812837	1758968	1799640	2.00	cps
Bismuth	209-2	1190276	1193228	1203105	1195536	0.56	cps
Boron	10-1	82819	81763	81077	81886	1.07	cps
Boron	11-1	364182	368337	368847	367122	0.70	cps
Cadmium	111-1	406666	408842	398331	404613	1.37	cps
Cadmium	106-1	35771	36097	35036	35635	1.53	cps
Cadmium	108-1	24354	24484	24092	24310	0.82	cps
Calcium	43-1	671667	651966	647193	656942	1.97	cps
Calcium	44-1	10662853	10522964	10368876	10518231	1.40	cps
Chromium	52-2	658189	652699	660927	657272	0.64	cps
Cobalt	59-2	852444	855747	860968	856386	0.50	cps
Copper	63-2	1058215	1067662	1069493	1065123	0.57	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	53	40	40	44	17.32	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	17	42	25	28	45.82	cps
Gadolinium	160-2	100	67	53	73	32.78	cps
Holmium	165-1	3160282	3134943	3048484	3114570	1.88	cps
Holmium	165-2	1800409	1776610	1779905	1785641	0.72	cps
Indium	115-1	2268560	2265371	2190393	2241441	1.97	cps
Indium	115-2	570020	576079	582683	576261	1.10	cps
Iron	56-2	23439512	23368473	23569057	23459014	0.43	cps
Iron	57-2	615221	612322	617661	615068	0.43	cps
Krypton	83-1	130	140	147	139	6.04	cps
Lead	206-1	894181	882256	878212	884883	0.94	cps
Lead	207-1	809433	799556	783625	797538	1.63	cps
Lead	208-1	3591507	3547749	3517147	3552134	1.05	cps
Lithium	6-1	1742931	1731091	1680275	1718099	1.94	cps
Magnesium	24-2	6383709	6312491	6353500	6349900	0.56	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BS	Instrumnet Name :	P7
Client Sample ID :	PB121140BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:10:40	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	749810	757050	763140	756667	0.88	cps
Molybdenum	94-1	3693567	3636349	3596178	3642031	1.34	cps
Molybdenum	95-1	4933758	4878003	4839305	4883689	0.97	cps
Molybdenum	96-1	5361643	5309418	5288577	5319879	0.71	cps
Molybdenum	97-1	2981902	2938851	2949306	2956686	0.76	cps
Molybdenum	98-1	7755824	7662803	7604550	7674393	0.99	cps
Neodymium	150-1	73	100	73	82	18.72	cps
Neodymium	150-2	10	20	7	12	56.76	cps
Nickel	60-2	215480	216578	214244	215434	0.54	cps
Phosphorus	31-2	32879	32519	32161	32520	1.10	cps
Potassium	39-2	2961983	2969541	2963271	2964931	0.14	cps
Rhodium	103-1	2328388	2307522	2237177	2291029	2.09	cps
Rhodium	103-2	1258032	1257436	1277114	1264194	0.89	cps
Scandium	45-1	2743809	2715518	2640612	2699980	1.97	cps
Scandium	45-2	152431	154873	155675	154326	1.09	cps
Selenium	77-2	1653	1663	1720	1679	2.14	cps
Selenium	78-2	5809	5696	5810	5772	1.14	cps
Selenium	82-1	29511	29490	28848	29283	1.29	cps
Silicon	28-1	2485413	2556135	2590166	2543904	2.10	cps
Silver	109-1	1370205	1353987	1350103	1358098	0.79	cps
Silver	107-1	1434343	1435792	1411782	1427306	0.94	cps
Sodium	23-2	12735018	12562798	12655816	12651211	0.68	cps
Strontium	86-1	474911	468154	463500	468855	1.22	cps
Strontium	88-1	3979847	3983648	3941881	3968459	0.58	cps
Sulfur	34-1	430831	422266	413761	422286	2.02	cps
Terbium	159-1	3327336	3303869	3213215	3281473	1.84	cps
Terbium	159-2	1822316	1829874	1819078	1823756	0.30	cps
Thallium	203-1	1083585	1075713	1064921	1074740	0.87	cps
Thallium	205-1	2618706	2586897	2592541	2599381	0.65	cps
Thorium	232-1	4212589	4208116	4151617	4190774	0.81	cps
Tin	118-1	953464	947804	940991	947420	0.66	cps
Titanium	47-1	1888670	1877722	1840188	1868860	1.36	cps
Uranium	238-1	4128192	4116349	4042350	4095630	1.14	cps
Vanadium	51-2	563663	569855	575362	569627	1.03	cps
Yttrium	89-1	3276878	3244114	3123457	3214816	2.51	cps
Yttrium	89-2	560617	566348	573343	566770	1.12	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	PB121140BS	Instrumnet Name :	P7
Client Sample ID :	PB121140BS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:10:40	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	164956	165689	167414	166020	0.76	cps
Zirconium	90-1	2618572	2578427	2570292	2589097	1.00	cps
Zirconium	91-1	576237	564023	562384	567548	1.33	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2092	1909	2184	2061	6.79	cps
Antimony	121-1	667	892	642	733	18.78	cps
Arsenic	75-1	233	174	190	199	15.30	cps
Barium	135-1	26752	27829	26200	26927	3.08	cps
Barium	137-1	47566	47289	46445	47100	1.24	cps
Beryllium	9-1	710	607	707	674	8.71	cps
Bismuth	209-1	1758738	1723348	1761165	1747750	1.21	cps
Bismuth	209-2	1128853	1140300	1134818	1134657	0.50	cps
Boron	10-1	6435	6202	5901	6179	4.33	cps
Boron	11-1	29488	28152	25648	27763	7.02	cps
Cadmium	111-1	2839	2651	3077	2855	7.47	cps
Cadmium	106-1	892	817	967	892	8.41	cps
Cadmium	108-1	38	17	13	22	60.27	cps
Calcium	43-1	41041	39913	40106	40353	1.50	cps
Calcium	44-1	652032	643523	640938	645498	0.90	cps
Chromium	52-2	3354	3394	3090	3279	5.03	cps
Cobalt	59-2	37541	36703	37368	37204	1.19	cps
Copper	63-2	32867	32008	33248	32708	1.94	cps
Dysprosium	156-1	767	650	625	681	11.11	cps
Dysprosium	156-2	477	397	383	419	12.05	cps
Erbium	164-1	475	475	517	489	4.92	cps
Erbium	164-2	310	237	303	283	14.31	cps
Gadolinium	160-1	792	575	600	656	18.08	cps
Gadolinium	160-2	457	550	503	503	9.27	cps
Holmium	165-1	2924093	2907796	2932015	2921302	0.42	cps
Holmium	165-2	1670047	1695464	1668554	1678021	0.90	cps
Indium	115-1	2160905	2133626	2161812	2152115	0.74	cps
Indium	115-2	540624	548695	548559	545959	0.85	cps
Iron	56-2	69436	70703	71418	70519	1.42	cps
Iron	57-2	2111	2328	2172	2204	5.07	cps
Krypton	83-1	140	123	107	123	13.51	cps
Lead	206-1	1072	1067	972	1037	5.42	cps
Lead	207-1	833	906	783	841	7.31	cps
Lead	208-1	4239	3973	3906	4039	4.37	cps
Lithium	6-1	1624907	1589040	1606179	1606709	1.12	cps
Magnesium	24-2	152191	149959	152905	151685	1.01	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34210	33729	33966	33968	0.71	cps
Molybdenum	94-1	742	883	700	775	12.40	cps
Molybdenum	95-1	1125	942	875	981	13.20	cps
Molybdenum	96-1	1392	1008	933	1111	22.13	cps
Molybdenum	97-1	767	625	433	608	27.50	cps
Molybdenum	98-1	1892	1517	1225	1545	21.64	cps
Neodymium	150-1	1013	893	1033	980	7.73	cps
Neodymium	150-2	423	453	520	466	10.63	cps
Nickel	60-2	10657	10767	11144	10856	2.35	cps
Phosphorus	31-2	133	150	225	169	28.82	cps
Potassium	39-2	204795	206644	207100	206180	0.59	cps
Rhodium	103-1	2216727	2225327	2214087	2218714	0.26	cps
Rhodium	103-2	1200324	1210539	1204102	1204989	0.43	cps
Scandium	45-1	2514533	2501133	2542734	2519467	0.84	cps
Scandium	45-2	142467	143548	143763	143259	0.48	cps
Selenium	77-2	0	0	13	4	173.21	cps
Selenium	78-2	61	43	54	52	17.77	cps
Selenium	82-1	73	117	127	106	27.07	cps
Silicon	28-1	11359648	11278329	11262001	11299993	0.46	cps
Silver	109-1	175	167	142	161	10.77	cps
Silver	107-1	242	242	192	225	12.83	cps
Sodium	23-2	1027063	1028061	1028475	1027867	0.07	cps
Strontium	86-1	35696	35303	35595	35531	0.57	cps
Strontium	88-1	312072	303309	305407	306930	1.49	cps
Sulfur	34-1	205210	201232	198791	201745	1.61	cps
Terbium	159-1	3079292	3054487	3098434	3077404	0.72	cps
Terbium	159-2	1714583	1726418	1710480	1717160	0.48	cps
Thallium	203-1	633	492	617	581	13.34	cps
Thallium	205-1	1442	1400	1200	1347	9.59	cps
Thorium	232-1	989	789	867	882	11.44	cps
Tin	118-1	1267	1125	1383	1258	10.28	cps
Titanium	47-1	633	275	292	400	50.57	cps
Uranium	238-1	4526	4534	4276	4445	3.30	cps
Vanadium	51-2	60	57	60	59	3.26	cps
Yttrium	89-1	3044256	3005874	3039794	3029975	0.69	cps
Yttrium	89-2	528299	530630	525420	528116	0.49	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01	Instrumnet Name :	P7
Client Sample ID :	390626719.1	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:14:16	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	19390	19700	19734	19608	0.97	cps
Zirconium	90-1	617	383	525	508	23.13	cps
Zirconium	91-1	133	108	117	119	10.66	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2059	2075	2092	2075	0.80	cps
Antimony	121-1	233	233	258	242	5.97	cps
Arsenic	75-1	178	107	231	172	36.08	cps
Barium	135-1	28071	27144	26835	27350	2.35	cps
Barium	137-1	47407	46378	48511	47432	2.25	cps
Beryllium	9-1	660	593	643	632	5.49	cps
Bismuth	209-1	1779660	1780082	1785773	1781838	0.19	cps
Bismuth	209-2	1158731	1157702	1159288	1158573	0.07	cps
Boron	10-1	4017	3626	3601	3748	6.24	cps
Boron	11-1	18862	17569	16576	17669	6.49	cps
Cadmium	111-1	3059	3088	2746	2964	6.40	cps
Cadmium	106-1	967	967	867	933	6.19	cps
Cadmium	108-1	38	21	21	26	36.47	cps
Calcium	43-1	41618	40682	40532	40944	1.44	cps
Calcium	44-1	660926	647900	639121	649316	1.69	cps
Chromium	52-2	3320	3144	3310	3258	3.05	cps
Cobalt	59-2	37130	37441	36449	37007	1.37	cps
Copper	63-2	32550	33298	32677	32841	1.22	cps
Dysprosium	156-1	425	583	675	561	22.54	cps
Dysprosium	156-2	457	403	453	438	6.82	cps
Erbium	164-1	558	433	567	519	14.38	cps
Erbium	164-2	343	320	300	321	6.75	cps
Gadolinium	160-1	592	658	675	642	6.87	cps
Gadolinium	160-2	487	460	483	477	3.05	cps
Holmium	165-1	2982210	2982410	2955004	2973208	0.53	cps
Holmium	165-2	1730551	1718574	1706971	1718699	0.69	cps
Indium	115-1	2173686	2205168	2188920	2189258	0.72	cps
Indium	115-2	562539	565196	562609	563448	0.27	cps
Iron	56-2	68415	70592	70089	69698	1.64	cps
Iron	57-2	2067	2011	2100	2059	2.18	cps
Krypton	83-1	117	147	137	133	11.46	cps
Lead	206-1	1033	906	972	970	6.59	cps
Lead	207-1	989	778	906	891	11.94	cps
Lead	208-1	4084	3656	3906	3882	5.54	cps
Lithium	6-1	1626853	1628966	1616672	1624164	0.40	cps
Magnesium	24-2	150036	150271	150306	150204	0.10	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	34120	33936	33545	33867	0.87	cps
Molybdenum	94-1	308	300	275	294	5.89	cps
Molybdenum	95-1	275	283	225	261	12.08	cps
Molybdenum	96-1	375	333	325	344	7.78	cps
Molybdenum	97-1	225	208	208	214	4.50	cps
Molybdenum	98-1	583	375	508	489	21.58	cps
Neodymium	150-1	893	980	1093	989	10.14	cps
Neodymium	150-2	463	500	513	492	5.26	cps
Nickel	60-2	10491	10954	10807	10751	2.20	cps
Phosphorus	31-2	158	242	208	203	20.69	cps
Potassium	39-2	204642	206923	204939	205501	0.60	cps
Rhodium	103-1	2257394	2281384	2286803	2275194	0.69	cps
Rhodium	103-2	1240185	1241850	1232233	1238089	0.42	cps
Scandium	45-1	2545851	2585969	2567102	2566308	0.78	cps
Scandium	45-2	146862	147903	146260	147008	0.57	cps
Selenium	77-2	7	7	7	7	0.00	cps
Selenium	78-2	44	43	48	45	6.28	cps
Selenium	82-1	87	66	92	82	16.88	cps
Silicon	28-1	11390390	11377705	11287646	11351913	0.49	cps
Silver	109-1	50	83	8	47	79.58	cps
Silver	107-1	108	117	33	86	53.30	cps
Sodium	23-2	1025790	1020971	1016883	1021215	0.44	cps
Strontium	86-1	37158	36205	35937	36433	1.76	cps
Strontium	88-1	312737	311622	305654	310004	1.23	cps
Sulfur	34-1	194190	191548	190814	192184	0.92	cps
Terbium	159-1	3144976	3152473	3150398	3149282	0.12	cps
Terbium	159-2	1783624	1761753	1749875	1765084	0.97	cps
Thallium	203-1	450	583	458	497	15.02	cps
Thallium	205-1	1225	1158	908	1097	15.22	cps
Thorium	232-1	417	394	422	411	3.58	cps
Tin	118-1	1125	1117	1117	1120	0.43	cps
Titanium	47-1	325	308	283	306	6.86	cps
Uranium	238-1	4109	4368	4201	4226	3.10	cps
Vanadium	51-2	60	43	57	53	16.54	cps
Yttrium	89-1	3064473	3099009	3090881	3084788	0.59	cps
Yttrium	89-2	544208	545084	541442	543578	0.35	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01DUP	Instrumnet Name :	P7
Client Sample ID :	390626719.1DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:17:52	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20104	19326	20304	19912	2.59	cps
Zirconium	90-1	333	425	325	361	15.36	cps
Zirconium	91-1	75	75	92	81	11.95	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	392	383	500	425	15.31	cps
Antimony	121-1	108	117	175	133	27.24	cps
Arsenic	75-1	130	113	121	121	6.96	cps
Barium	135-1	5201	5760	5185	5382	6.08	cps
Barium	137-1	9904	9237	9404	9515	3.65	cps
Beryllium	9-1	170	163	230	188	19.55	cps
Bismuth	209-1	1813811	1805779	1786708	1802099	0.77	cps
Bismuth	209-2	1155981	1164359	1159491	1159943	0.36	cps
Boron	10-1	2567	2317	2442	2442	5.12	cps
Boron	11-1	10129	10179	10212	10173	0.41	cps
Cadmium	111-1	3348	3127	3010	3162	5.42	cps
Cadmium	106-1	1100	1025	983	1036	5.71	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	8094	8461	8303	8286	2.22	cps
Calcium	44-1	141042	138930	135650	138541	1.96	cps
Chromium	52-2	1000	1000	987	996	0.77	cps
Cobalt	59-2	7185	7662	7239	7362	3.55	cps
Copper	63-2	6618	6582	6722	6640	1.09	cps
Dysprosium	156-1	167	117	217	167	30.00	cps
Dysprosium	156-2	83	93	103	93	10.72	cps
Erbium	164-1	133	133	158	142	10.19	cps
Erbium	164-2	60	73	80	71	14.32	cps
Gadolinium	160-1	92	150	142	128	24.69	cps
Gadolinium	160-2	140	160	113	138	16.99	cps
Holmium	165-1	3006869	3028036	2964287	2999731	1.08	cps
Holmium	165-2	1728043	1730972	1724070	1727695	0.20	cps
Indium	115-1	2249777	2251160	2196477	2232471	1.40	cps
Indium	115-2	563879	568338	565807	566008	0.40	cps
Iron	56-2	15937	15792	16365	16031	1.86	cps
Iron	57-2	561	506	550	539	5.45	cps
Krypton	83-1	160	110	113	128	21.88	cps
Lead	206-1	311	372	267	317	16.74	cps
Lead	207-1	328	256	344	309	15.28	cps
Lead	208-1	1406	1461	1289	1385	6.35	cps
Lithium	6-1	1663670	1648778	1607632	1640026	1.77	cps
Magnesium	24-2	30607	30482	30741	30610	0.42	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	6632	6815	6615	6687	1.66	cps
Molybdenum	94-1	125	142	167	144	14.52	cps
Molybdenum	95-1	158	117	158	144	16.66	cps
Molybdenum	96-1	108	150	175	144	23.32	cps
Molybdenum	97-1	75	58	92	75	22.22	cps
Molybdenum	98-1	208	192	142	181	19.22	cps
Neodymium	150-1	160	227	147	178	24.11	cps
Neodymium	150-2	73	70	110	84	26.28	cps
Nickel	60-2	1950	2084	2177	2070	5.50	cps
Phosphorus	31-2	167	158	183	169	7.51	cps
Potassium	39-2	55329	55655	54877	55287	0.71	cps
Rhodium	103-1	2351100	2317707	2285488	2318098	1.42	cps
Rhodium	103-2	1243141	1251148	1245290	1246526	0.33	cps
Scandium	45-1	2659492	2625642	2583579	2622905	1.45	cps
Scandium	45-2	147798	148590	147936	148108	0.29	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	44	48	54	49	9.56	cps
Selenium	82-1	76	94	104	91	15.77	cps
Silicon	28-1	2397216	2386640	2332838	2372231	1.46	cps
Silver	109-1	17	33	58	36	58.08	cps
Silver	107-1	25	67	42	44	47.19	cps
Sodium	23-2	219188	220166	222038	220464	0.66	cps
Strontium	86-1	7619	7260	7194	7358	3.11	cps
Strontium	88-1	65057	62838	61323	63073	2.98	cps
Sulfur	34-1	159342	161466	158182	159663	1.04	cps
Terbium	159-1	3212886	3193442	3140526	3182285	1.18	cps
Terbium	159-2	1753204	1771310	1768509	1764341	0.55	cps
Thallium	203-1	75	142	133	117	31.14	cps
Thallium	205-1	225	292	292	269	14.29	cps
Thorium	232-1	194	172	167	178	8.27	cps
Tin	118-1	317	275	325	306	8.77	cps
Titanium	47-1	100	100	75	92	15.75	cps
Uranium	238-1	908	892	867	889	2.36	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	3161738	3147611	3095123	3134824	1.12	cps
Yttrium	89-2	546151	546942	545261	546118	0.15	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01LX5	Instrumnet Name :	P7
Client Sample ID :	390626719.1L	Dilution Factor :	5
Date & Time Acquired ::	2019-07-08 16:21:29	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3864	4274	4101	4080	5.05	cps
Zirconium	90-1	358	242	275	292	20.60	cps
Zirconium	91-1	75	42	50	56	31.22	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108088	108074	108936	108366	0.46	cps
Antimony	121-1	1854443	1846552	1845891	1848962	0.26	cps
Arsenic	75-1	608240	605988	605568	606599	0.24	cps
Barium	135-1	150609	149395	147888	149298	0.91	cps
Barium	137-1	261722	260220	261672	261205	0.33	cps
Beryllium	9-1	232571	227497	228167	229412	1.20	cps
Bismuth	209-1	1749421	1751733	1739634	1746929	0.37	cps
Bismuth	209-2	1144252	1153168	1178409	1158610	1.53	cps
Boron	10-1	50293	50937	52291	51174	1.99	cps
Boron	11-1	222550	229214	225292	225685	1.48	cps
Cadmium	111-1	160534	160665	156352	159184	1.54	cps
Cadmium	106-1	12322	12873	11655	12284	4.96	cps
Cadmium	108-1	8453	8574	8069	8365	3.15	cps
Calcium	43-1	55630	55187	54869	55229	0.69	cps
Calcium	44-1	876626	863942	869885	870151	0.73	cps
Chromium	52-2	546471	549802	554698	550324	0.75	cps
Cobalt	59-2	395669	403566	402492	400576	1.07	cps
Copper	63-2	373198	380580	378658	377479	1.01	cps
Dysprosium	156-1	122854	123134	120989	122325	0.95	cps
Dysprosium	156-2	56489	57794	56553	56945	1.29	cps
Erbium	164-1	583	558	542	561	3.74	cps
Erbium	164-2	347	343	383	358	6.20	cps
Gadolinium	160-1	592	692	700	661	9.12	cps
Gadolinium	160-2	623	507	573	568	10.31	cps
Holmium	165-1	2975757	2947007	2973863	2965542	0.54	cps
Holmium	165-2	1694222	1694983	1707841	1699016	0.45	cps
Indium	115-1	2132883	2144413	2135369	2137555	0.28	cps
Indium	115-2	545835	551592	558811	552079	1.18	cps
Iron	56-2	2974475	3019487	3011882	3001948	0.80	cps
Iron	57-2	77381	80609	78945	78978	2.04	cps
Krypton	83-1	130	140	130	133	4.33	cps
Lead	206-1	1838450	1831005	1836045	1835167	0.21	cps
Lead	207-1	1569244	1536830	1575327	1560467	1.33	cps
Lead	208-1	7281615	7204710	7245454	7243926	0.53	cps
Lithium	6-1	1680192	1677037	1687600	1681610	0.32	cps
Magnesium	24-2	415843	409469	422284	415865	1.54	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	186772	190637	190738	189382	1.19	cps
Molybdenum	94-1	339882	337465	336470	337939	0.52	cps
Molybdenum	95-1	591067	589600	581716	587461	0.86	cps
Molybdenum	96-1	634266	628698	628145	630370	0.54	cps
Molybdenum	97-1	368048	367082	361613	365581	0.95	cps
Molybdenum	98-1	941158	936107	926263	934509	0.81	cps
Neodymium	150-1	1067	1040	933	1013	6.96	cps
Neodymium	150-2	463	493	560	506	9.79	cps
Nickel	60-2	238363	239365	239917	239215	0.33	cps
Phosphorus	31-2	19305	19497	19672	19491	0.94	cps
Potassium	39-2	1399601	1423107	1415472	1412727	0.85	cps
Rhodium	103-1	2275605	2245541	2251736	2257627	0.70	cps
Rhodium	103-2	1224623	1228214	1241246	1231361	0.71	cps
Scandium	45-1	2566050	2557584	2555667	2559767	0.22	cps
Scandium	45-2	144914	146485	147721	146374	0.96	cps
Selenium	77-2	7185	7049	7335	7190	2.00	cps
Selenium	78-2	23488	23493	23636	23539	0.36	cps
Selenium	82-1	118151	118737	117477	118122	0.53	cps
Silicon	28-1	14201626	14261850	14085740	14183072	0.63	cps
Silver	109-1	218918	213607	212677	215067	1.57	cps
Silver	107-1	225615	222467	223084	223722	0.75	cps
Sodium	23-2	1776214	1774736	1820715	1790555	1.46	cps
Strontium	86-1	226615	224615	225528	225586	0.44	cps
Strontium	88-1	1945812	1880409	1912661	1912960	1.71	cps
Sulfur	34-1	197625	197457	193708	196263	1.13	cps
Terbium	159-1	3117712	3110828	3138744	3122428	0.47	cps
Terbium	159-2	1754612	1745352	1765625	1755196	0.58	cps
Thallium	203-1	4488934	4459662	4497279	4481958	0.44	cps
Thallium	205-1	10506964	10531681	10617546	10552064	0.55	cps
Thorium	232-1	356	389	367	370	4.58	cps
Tin	118-1	1327725	1320981	1321932	1323546	0.28	cps
Titanium	47-1	120060	119163	117371	118865	1.15	cps
Uranium	238-1	4318	4109	3917	4115	4.86	cps
Vanadium	51-2	346638	349848	352360	349615	0.82	cps
Yttrium	89-1	3072828	3082164	3075603	3076865	0.16	cps
Yttrium	89-2	539339	543781	546850	543323	0.70	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MS	Instrumnet Name :	P7
Client Sample ID :	390626719.1MS	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:25:06	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53551	54672	54883	54369	1.32	cps
Zirconium	90-1	1133	1092	1033	1086	4.62	cps
Zirconium	91-1	542	317	533	464	27.50	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	106242	108667	108768	107892	1.33	cps
Antimony	121-1	1850365	1851033	1853244	1851547	0.08	cps
Arsenic	75-1	615904	603974	611413	610430	0.99	cps
Barium	135-1	150668	149471	148335	149491	0.78	cps
Barium	137-1	265712	262407	259913	262677	1.11	cps
Beryllium	9-1	233317	227764	233813	231632	1.45	cps
Bismuth	209-1	1749654	1744465	1774651	1756257	0.92	cps
Bismuth	209-2	1158178	1169871	1155706	1161252	0.65	cps
Boron	10-1	53830	53822	53796	53816	0.03	cps
Boron	11-1	240268	238804	240031	239701	0.33	cps
Cadmium	111-1	160190	159740	161871	160601	0.70	cps
Cadmium	106-1	11655	12322	12439	12139	3.49	cps
Cadmium	108-1	8632	8365	8394	8464	1.73	cps
Calcium	43-1	55848	55873	56091	55937	0.24	cps
Calcium	44-1	873672	875145	865938	871585	0.57	cps
Chromium	52-2	545693	547663	548362	547239	0.25	cps
Cobalt	59-2	396495	398554	400236	398429	0.47	cps
Copper	63-2	373052	375962	378771	375928	0.76	cps
Dysprosium	156-1	125915	124562	124294	124923	0.70	cps
Dysprosium	156-2	56141	56526	57353	56673	1.09	cps
Erbium	164-1	608	642	583	611	4.79	cps
Erbium	164-2	313	297	303	304	2.75	cps
Gadolinium	160-1	708	958	750	806	16.63	cps
Gadolinium	160-2	550	577	510	546	6.15	cps
Holmium	165-1	2968752	2967597	2990180	2975510	0.43	cps
Holmium	165-2	1710362	1726532	1707198	1714697	0.60	cps
Indium	115-1	2141256	2137373	2139098	2139242	0.09	cps
Indium	115-2	546260	557365	550085	551237	1.02	cps
Iron	56-2	2993110	2986615	3013339	2997688	0.46	cps
Iron	57-2	78442	79336	78940	78906	0.57	cps
Krypton	83-1	140	130	143	138	5.04	cps
Lead	206-1	1870849	1852666	1874660	1866058	0.63	cps
Lead	207-1	1606163	1585431	1602006	1597866	0.69	cps
Lead	208-1	7372215	7289456	7413978	7358550	0.86	cps
Lithium	6-1	1702134	1704071	1708565	1704923	0.19	cps
Magnesium	24-2	413216	417203	418634	416351	0.67	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	187189	188230	189885	188435	0.72	cps
Molybdenum	94-1	338310	332148	335700	335386	0.92	cps
Molybdenum	95-1	594749	582861	588347	588653	1.01	cps
Molybdenum	96-1	629789	626666	629280	628578	0.27	cps
Molybdenum	97-1	364727	363328	367677	365244	0.61	cps
Molybdenum	98-1	944467	925187	942954	937536	1.14	cps
Neodymium	150-1	1027	947	953	976	4.55	cps
Neodymium	150-2	503	490	520	504	2.98	cps
Nickel	60-2	237185	237733	238746	237888	0.33	cps
Phosphorus	31-2	19363	18796	20097	19419	3.36	cps
Potassium	39-2	1398246	1398544	1408334	1401708	0.41	cps
Rhodium	103-1	2232039	2231770	2239153	2234321	0.19	cps
Rhodium	103-2	1224367	1246925	1229007	1233433	0.97	cps
Scandium	45-1	2552995	2543894	2575137	2557342	0.63	cps
Scandium	45-2	144139	146469	146745	145784	0.98	cps
Selenium	77-2	6695	6905	7149	6916	3.28	cps
Selenium	78-2	23421	23317	23246	23328	0.38	cps
Selenium	82-1	117839	118261	119070	118390	0.53	cps
Silicon	28-1	14369412	14282300	14349238	14333650	0.32	cps
Silver	109-1	219548	213658	214201	215802	1.51	cps
Silver	107-1	227687	225385	225551	226208	0.57	cps
Sodium	23-2	1809293	1818112	1806937	1811447	0.33	cps
Strontium	86-1	226987	225176	228034	226732	0.64	cps
Strontium	88-1	1938627	1931412	1878657	1916232	1.71	cps
Sulfur	34-1	195575	194933	192748	194419	0.76	cps
Terbium	159-1	3143720	3146401	3134150	3141424	0.21	cps
Terbium	159-2	1758049	1789252	1746222	1764508	1.26	cps
Thallium	203-1	4506460	4532797	4539636	4526298	0.39	cps
Thallium	205-1	10681347	10761508	10723821	10722225	0.37	cps
Thorium	232-1	272	228	206	235	14.43	cps
Tin	118-1	1336762	1339415	1321495	1332557	0.73	cps
Titanium	47-1	119767	116834	118635	118412	1.25	cps
Uranium	238-1	4076	4134	4076	4095	0.82	cps
Vanadium	51-2	345892	345689	349763	347115	0.66	cps
Yttrium	89-1	3045468	3055806	3067364	3056213	0.36	cps
Yttrium	89-2	533969	547773	541484	541075	1.28	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01MSD	Instrumnet Name :	P7
Client Sample ID :	390626719.1MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:28:43	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53143	53956	55281	54127	1.99	cps
Zirconium	90-1	658	675	717	683	4.40	cps
Zirconium	91-1	300	258	392	317	21.54	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	107031	106814	109650	107832	1.46	cps
Antimony	121-1	1833263	1871772	1872528	1859188	1.21	cps
Arsenic	75-1	609991	597850	606133	604658	1.03	cps
Barium	135-1	150053	147737	149109	148966	0.78	cps
Barium	137-1	264089	263688	258758	262179	1.13	cps
Beryllium	9-1	228819	230552	228131	229167	0.54	cps
Bismuth	209-1	1808740	1817386	1804927	1810351	0.35	cps
Bismuth	209-2	1180981	1170463	1248427	1199957	3.53	cps
Boron	10-1	54073	55870	55879	55274	1.88	cps
Boron	11-1	239698	248407	249469	245858	2.18	cps
Cadmium	111-1	156710	155753	158214	156892	0.79	cps
Cadmium	106-1	12356	11697	12423	12158	3.30	cps
Cadmium	108-1	8511	8599	8378	8496	1.31	cps
Calcium	43-1	54894	54141	54091	54376	0.83	cps
Calcium	44-1	875122	854303	859439	862955	1.26	cps
Chromium	52-2	539589	538933	540332	539618	0.13	cps
Cobalt	59-2	395273	392011	394996	394093	0.46	cps
Copper	63-2	372178	371061	372039	371759	0.16	cps
Dysprosium	156-1	120393	121846	119569	120603	0.96	cps
Dysprosium	156-2	55304	54822	55217	55115	0.47	cps
Erbium	164-1	633	675	500	603	15.17	cps
Erbium	164-2	340	333	327	333	2.00	cps
Gadolinium	160-1	783	717	608	703	12.57	cps
Gadolinium	160-2	547	470	507	508	7.55	cps
Holmium	165-1	3059626	3061940	3034933	3052166	0.49	cps
Holmium	165-2	1761176	1720966	1835789	1772643	3.29	cps
Indium	115-1	2192396	2190845	2191460	2191567	0.04	cps
Indium	115-2	556685	554855	589150	566897	3.40	cps
Iron	56-2	2988919	2953210	2959775	2967301	0.64	cps
Iron	57-2	78822	76656	77761	77746	1.39	cps
Krypton	83-1	117	150	87	118	26.90	cps
Lead	206-1	1855748	1839550	1866833	1854043	0.74	cps
Lead	207-1	1601412	1584534	1583593	1589846	0.63	cps
Lead	208-1	7380399	7321998	7318245	7340214	0.47	cps
Lithium	6-1	1754742	1757808	1748215	1753588	0.28	cps
Magnesium	24-2	415031	411300	415511	413947	0.56	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	184201	186637	185636	185491	0.66	cps
Molybdenum	94-1	334741	335588	335794	335374	0.17	cps
Molybdenum	95-1	589598	588046	584385	587343	0.46	cps
Molybdenum	96-1	627336	631176	626416	628309	0.40	cps
Molybdenum	97-1	366296	361492	367796	365195	0.90	cps
Molybdenum	98-1	931898	925808	937840	931848	0.65	cps
Neodymium	150-1	960	1027	1053	1013	4.74	cps
Neodymium	150-2	440	470	540	483	10.62	cps
Nickel	60-2	235673	234027	236416	235372	0.52	cps
Phosphorus	31-2	18921	18979	18654	18852	0.92	cps
Potassium	39-2	1394208	1380026	1387891	1387375	0.51	cps
Rhodium	103-1	2306020	2295277	2300780	2300693	0.23	cps
Rhodium	103-2	1264572	1248924	1331117	1281538	3.41	cps
Scandium	45-1	2628106	2603270	2627916	2619764	0.55	cps
Scandium	45-2	148910	147045	158398	151451	4.02	cps
Selenium	77-2	7055	6802	7092	6983	2.26	cps
Selenium	78-2	23499	23326	23295	23373	0.47	cps
Selenium	82-1	117543	117842	116222	117202	0.74	cps
Silicon	28-1	14097352	14107264	14328238	14177618	0.92	cps
Silver	109-1	215258	213233	215815	214768	0.63	cps
Silver	107-1	224831	229280	221243	225118	1.79	cps
Sodium	23-2	1802588	1770628	1789272	1787496	0.90	cps
Strontium	86-1	227089	225257	224955	225767	0.51	cps
Strontium	88-1	1889962	1890081	1893498	1891180	0.11	cps
Sulfur	34-1	191246	189657	188004	189636	0.85	cps
Terbium	159-1	3214312	3240154	3213069	3222511	0.47	cps
Terbium	159-2	1802362	1774498	1886805	1821222	3.21	cps
Thallium	203-1	4516997	4501328	4523441	4513922	0.25	cps
Thallium	205-1	10677316	10736840	10666782	10693646	0.35	cps
Thorium	232-1	222	194	250	222	12.50	cps
Tin	118-1	1315548	1327305	1337350	1326734	0.82	cps
Titanium	47-1	118239	115316	119833	117796	1.95	cps
Uranium	238-1	4334	4284	4401	4340	1.35	cps
Vanadium	51-2	340608	344128	344348	343028	0.61	cps
Yttrium	89-1	3130668	3157057	3144743	3144156	0.42	cps
Yttrium	89-2	550021	545781	579688	558497	3.31	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3658-01A	Instrumnet Name :	P7
Client Sample ID :	390626719.1A	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:32:19	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53622	53990	54591	54068	0.91	cps
Zirconium	90-1	600	533	417	517	17.96	cps
Zirconium	91-1	292	367	358	339	12.13	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2884	3469	2634	2995	14.31	cps
Antimony	121-1	983	1058	1008	1017	3.76	cps
Arsenic	75-1	497	554	536	529	5.55	cps
Barium	135-1	27353	26351	25875	26526	2.84	cps
Barium	137-1	46294	44648	44296	45080	2.37	cps
Beryllium	9-1	567	683	590	613	10.07	cps
Bismuth	209-1	1780596	1779711	1760485	1773597	0.64	cps
Bismuth	209-2	1116269	1123089	1132645	1124001	0.73	cps
Boron	10-1	7110	7002	6385	6832	5.73	cps
Boron	11-1	31216	29179	28327	29574	5.02	cps
Cadmium	111-1	3339	3274	3256	3289	1.32	cps
Cadmium	106-1	1008	1017	1025	1017	0.82	cps
Cadmium	108-1	17	8	13	13	33.36	cps
Calcium	43-1	47937	48698	48405	48346	0.79	cps
Calcium	44-1	787403	770261	777605	778423	1.10	cps
Chromium	52-2	5268	5084	4988	5113	2.78	cps
Cobalt	59-2	33602	32927	33598	33376	1.16	cps
Copper	63-2	24220	24815	24688	24574	1.27	cps
Dysprosium	156-1	558	608	642	603	6.96	cps
Dysprosium	156-2	400	387	397	394	1.76	cps
Erbium	164-1	492	508	458	486	5.24	cps
Erbium	164-2	350	290	280	307	12.35	cps
Gadolinium	160-1	683	533	617	611	12.30	cps
Gadolinium	160-2	480	390	413	428	10.92	cps
Holmium	165-1	2934446	2979757	2938029	2950744	0.85	cps
Holmium	165-2	1671694	1667614	1648122	1662477	0.76	cps
Indium	115-1	2160845	2158325	2149986	2156385	0.26	cps
Indium	115-2	541891	538253	543895	541346	0.53	cps
Iron	56-2	41015	40005	42137	41052	2.60	cps
Iron	57-2	1389	1478	1717	1528	11.10	cps
Krypton	83-1	110	110	153	124	20.11	cps
Lead	206-1	7047	6807	6813	6889	1.98	cps
Lead	207-1	5690	5457	5529	5559	2.15	cps
Lead	208-1	26945	25616	25994	26185	2.61	cps
Lithium	6-1	1669560	1660983	1651755	1660766	0.54	cps
Magnesium	24-2	182313	181300	186338	183317	1.45	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	14858	14501	13930	14429	3.24	cps
Molybdenum	94-1	392	308	342	347	12.08	cps
Molybdenum	95-1	350	367	367	361	2.67	cps
Molybdenum	96-1	458	325	383	389	17.19	cps
Molybdenum	97-1	275	183	192	217	23.40	cps
Molybdenum	98-1	542	483	417	481	13.02	cps
Neodymium	150-1	927	980	1007	971	4.19	cps
Neodymium	150-2	487	477	383	449	12.70	cps
Nickel	60-2	11108	10437	11048	10864	3.41	cps
Phosphorus	31-2	200	183	150	178	14.32	cps
Potassium	39-2	186486	185165	187883	186511	0.73	cps
Rhodium	103-1	2227496	2240147	2222865	2230169	0.40	cps
Rhodium	103-2	1191033	1186601	1202536	1193390	0.69	cps
Scandium	45-1	2535100	2535462	2531569	2534044	0.08	cps
Scandium	45-2	143274	143187	141457	142640	0.72	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	37	39	43	40	7.15	cps
Selenium	82-1	108	107	74	96	20.05	cps
Silicon	28-1	10788803	10825407	10755228	10789813	0.33	cps
Silver	109-1	75	67	25	56	48.22	cps
Silver	107-1	33	75	75	61	39.37	cps
Sodium	23-2	1264733	1262956	1279926	1269205	0.73	cps
Strontium	86-1	46794	45381	45081	45752	2.00	cps
Strontium	88-1	390222	388304	386054	388193	0.54	cps
Sulfur	34-1	179913	179164	178017	179031	0.53	cps
Terbium	159-1	3145320	3149173	3098317	3130937	0.90	cps
Terbium	159-2	1708781	1759983	1700146	1722970	1.88	cps
Thallium	203-1	1625	1475	1575	1559	4.90	cps
Thallium	205-1	3809	3592	2942	3448	13.09	cps
Thorium	232-1	689	622	728	680	7.85	cps
Tin	118-1	842	625	683	717	15.64	cps
Titanium	47-1	325	333	609	422	38.24	cps
Uranium	238-1	5418	5335	5518	5424	1.69	cps
Vanadium	51-2	230	233	280	248	11.28	cps
Yttrium	89-1	3045003	3048271	3021775	3038350	0.48	cps
Yttrium	89-2	524083	521590	525365	523679	0.37	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3659-01	Instrumnet Name :	P7
Client Sample ID :	390626720.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:35:55	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17641	17461	17981	17694	1.49	cps
Zirconium	90-1	425	467	567	486	14.98	cps
Zirconium	91-1	133	92	175	133	31.25	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2509455	2503247	2543264	2518656	0.86	cps
Antimony	121-1	934661	922496	934127	930428	0.74	cps
Arsenic	75-1	333649	331038	339381	334689	1.28	cps
Barium	135-1	1234725	1213543	1229744	1226004	0.90	cps
Barium	137-1	2129251	2130589	2155075	2138305	0.68	cps
Beryllium	9-1	471947	464592	473671	470070	1.03	cps
Bismuth	209-1	1472042	1443638	1471523	1462401	1.11	cps
Bismuth	209-2	958735	972436	980743	970638	1.15	cps
Boron	10-1	69929	70155	74400	71494	3.52	cps
Boron	11-1	310939	310043	327412	316131	3.09	cps
Cadmium	111-1	378737	368321	377281	374780	1.51	cps
Cadmium	106-1	32864	31411	31979	32085	2.28	cps
Cadmium	108-1	22422	21667	22781	22290	2.55	cps
Calcium	43-1	2667627	2651260	2667958	2662281	0.36	cps
Calcium	44-1	42649532	42398598	42854968	42634366	0.54	cps
Chromium	52-2	554387	557789	565770	559315	1.04	cps
Cobalt	59-2	705702	714770	718327	712933	0.91	cps
Copper	63-2	1053566	1073366	1076168	1067700	1.15	cps
Dysprosium	156-1	58	17	8	28	96.44	cps
Dysprosium	156-2	37	33	37	36	5.42	cps
Erbium	164-1	25	33	50	36	35.25	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	25	17	42	28	45.82	cps
Gadolinium	160-2	63	67	50	60	14.70	cps
Holmium	165-1	2611632	2571830	2632749	2605404	1.19	cps
Holmium	165-2	1566657	1592419	1612141	1590406	1.43	cps
Indium	115-1	1813222	1808809	1828251	1816761	0.56	cps
Indium	115-2	473485	482890	486454	480943	1.39	cps
Iron	56-2	99458086	100258274	100579386	100098582	0.58	cps
Iron	57-2	2548575	2540855	2579360	2556264	0.80	cps
Krypton	83-1	117	117	117	117	0.00	cps
Lead	206-1	722514	706906	714069	714496	1.09	cps
Lead	207-1	647531	638732	642108	642790	0.69	cps
Lead	208-1	2895313	2856133	2871186	2874211	0.69	cps
Lithium	6-1	1450196	1426823	1454991	1444003	1.04	cps
Magnesium	24-2	26799738	26609955	26912215	26773969	0.57	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	631780	636338	644775	637631	1.03	cps
Molybdenum	94-1	2907560	2899928	2929742	2912410	0.53	cps
Molybdenum	95-1	3828787	3849845	3909178	3862603	1.08	cps
Molybdenum	96-1	4169610	4160637	4238744	4189664	1.02	cps
Molybdenum	97-1	2310343	2292520	2347383	2316749	1.21	cps
Molybdenum	98-1	6012910	6012493	6093263	6039556	0.77	cps
Neodymium	150-1	113	127	93	111	15.10	cps
Neodymium	150-2	13	23	30	22	37.76	cps
Nickel	60-2	175969	178252	178178	177466	0.73	cps
Phosphorus	31-2	27251	27042	27885	27393	1.60	cps
Potassium	39-2	12694172	12841492	12974122	12836595	1.09	cps
Rhodium	103-1	1838332	1830031	1852508	1840291	0.62	cps
Rhodium	103-2	1011934	1028106	1039459	1026499	1.35	cps
Scandium	45-1	2220136	2221259	2258123	2233173	0.97	cps
Scandium	45-2	129780	131780	133247	131602	1.32	cps
Selenium	77-2	1613	1553	1527	1565	2.84	cps
Selenium	78-2	4782	5353	5190	5108	5.75	cps
Selenium	82-1	25058	24622	25397	25026	1.55	cps
Silicon	28-1	1741030	1807740	1870563	1806445	3.59	cps
Silver	109-1	1252255	1225816	1247239	1241770	1.13	cps
Silver	107-1	1305043	1283177	1305447	1297889	0.98	cps
Sodium	23-2	53621060	53704158	53927703	53750974	0.30	cps
Strontium	86-1	388511	378873	395066	387483	2.10	cps
Strontium	88-1	3266517	3267148	3306565	3280077	0.70	cps
Sulfur	34-1	395013	386327	391301	390880	1.11	cps
Terbium	159-1	2754157	2738685	2762507	2751783	0.44	cps
Terbium	159-2	1592187	1646718	1646979	1628628	1.94	cps
Thallium	203-1	889767	866363	875903	877344	1.34	cps
Thallium	205-1	2119196	2078127	2123351	2106891	1.19	cps
Thorium	232-1	3515285	3463532	3545460	3508092	1.18	cps
Tin	118-1	772167	760543	767117	766609	0.76	cps
Titanium	47-1	1473052	1483304	1497300	1484552	0.82	cps
Uranium	238-1	3455023	3401144	3490766	3448978	1.31	cps
Vanadium	51-2	478001	488287	491219	485836	1.43	cps
Yttrium	89-1	2670939	2636869	2684930	2664246	0.93	cps
Yttrium	89-2	477742	482624	485627	481998	0.83	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P7
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:42:04	DataFile Name :	028CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	164623	168307	168048	166993	1.23	cps
Zirconium	90-1	2150552	2143667	2156549	2150256	0.30	cps
Zirconium	91-1	471331	468002	473637	470990	0.60	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P7
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:45:43 DataFile Name : 029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	200	225	167	197	14.84	cps
Antimony	121-1	900	717	875	831	11.97	cps
Arsenic	75-1	160	119	229	169	32.95	cps
Barium	135-1	100	117	58	92	32.77	cps
Barium	137-1	200	208	133	181	22.77	cps
Beryllium	9-1	147	107	100	118	21.43	cps
Bismuth	209-1	1589981	1542439	1527775	1553398	2.09	cps
Bismuth	209-2	997938	1008325	1023980	1010081	1.30	cps
Boron	10-1	5993	5468	5334	5598	6.22	cps
Boron	11-1	25222	23878	24245	24448	2.84	cps
Cadmium	111-1	2429	2447	2665	2514	5.24	cps
Cadmium	106-1	792	792	875	820	5.87	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	358	283	283	308	14.04	cps
Calcium	44-1	12506	12239	11505	12083	4.29	cps
Chromium	52-2	380	347	380	369	5.22	cps
Cobalt	59-2	60	103	70	78	29.18	cps
Copper	63-2	383	317	343	348	9.65	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	8	33	8	17	86.62	cps
Gadolinium	160-2	50	20	40	37	41.66	cps
Holmium	165-1	2592689	2580698	2582145	2585177	0.25	cps
Holmium	165-2	1506087	1537729	1546095	1529970	1.38	cps
Indium	115-1	1923182	1910977	1905164	1913108	0.48	cps
Indium	115-2	480984	486982	491159	486375	1.05	cps
Iron	56-2	10187	9970	9709	9955	2.40	cps
Iron	57-2	411	278	233	307	30.10	cps
Krypton	83-1	113	163	127	134	19.26	cps
Lead	206-1	272	272	267	270	1.19	cps
Lead	207-1	250	283	261	265	6.41	cps
Lead	208-1	1145	1122	983	1083	8.06	cps
Lithium	6-1	1457766	1443458	1432216	1444480	0.89	cps
Magnesium	24-2	2042	1700	1992	1911	9.66	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:45:43	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	57	70	61	12.59	cps
Molybdenum	94-1	875	700	558	711	22.31	cps
Molybdenum	95-1	1125	1025	717	956	22.28	cps
Molybdenum	96-1	1117	1083	900	1033	11.29	cps
Molybdenum	97-1	625	600	467	564	15.10	cps
Molybdenum	98-1	1775	1500	1442	1572	11.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23	37	37	32	23.90	cps
Phosphorus	31-2	142	175	175	164	11.74	cps
Potassium	39-2	19038	18963	19722	19241	2.17	cps
Rhodium	103-1	2019446	1982501	1963226	1988391	1.44	cps
Rhodium	103-2	1067614	1073886	1088944	1076815	1.02	cps
Scandium	45-1	2269716	2239399	2233697	2247604	0.86	cps
Scandium	45-2	127150	126333	128182	127221	0.73	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	57	44	37	46	22.27	cps
Selenium	82-1	100	66	85	84	20.10	cps
Silicon	28-1	137132	134398	132935	134822	1.58	cps
Silver	109-1	183	217	117	172	29.57	cps
Silver	107-1	258	200	125	194	34.37	cps
Sodium	23-2	24437	24679	23953	24357	1.52	cps
Strontium	86-1	242	350	275	289	19.21	cps
Strontium	88-1	342	267	358	322	15.15	cps
Sulfur	34-1	200252	197044	197202	198166	0.91	cps
Terbium	159-1	2776808	2760266	2738616	2758563	0.69	cps
Terbium	159-2	1545788	1576931	1577844	1566854	1.16	cps
Thallium	203-1	475	392	392	419	11.47	cps
Thallium	205-1	1033	883	1025	981	8.60	cps
Thorium	232-1	978	739	628	782	22.89	cps
Tin	118-1	350	350	350	350	0.00	cps
Titanium	47-1	258	158	208	208	24.00	cps
Uranium	238-1	358	350	225	311	24.01	cps
Vanadium	51-2	40	33	30	34	14.78	cps
Yttrium	89-1	2692749	2659613	2689591	2680651	0.68	cps
Yttrium	89-2	464994	466327	477867	469730	1.51	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P7
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:45:43	DataFile Name :	029CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70	107	83	87	21.42	cps
Zirconium	90-1	508	642	358	503	28.19	cps
Zirconium	91-1	142	67	50	86	56.70	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5351	5293	5168	5271	1.78	cps
Antimony	121-1	367	417	333	372	11.27	cps
Arsenic	75-1	207	235	261	234	11.54	cps
Barium	135-1	16711	15968	16460	16380	2.31	cps
Barium	137-1	28112	28188	28380	28227	0.49	cps
Beryllium	9-1	353	387	390	377	5.38	cps
Bismuth	209-1	1563717	1534883	1537096	1545232	1.04	cps
Bismuth	209-2	1003900	1008861	1019103	1010621	0.77	cps
Boron	10-1	4342	4117	3784	4081	6.88	cps
Boron	11-1	19755	18837	19221	19271	2.39	cps
Cadmium	111-1	2903	2999	2589	2830	7.56	cps
Cadmium	106-1	900	933	792	875	8.46	cps
Cadmium	108-1	29	8	33	24	56.74	cps
Calcium	43-1	32612	31793	32086	32163	1.29	cps
Calcium	44-1	528795	511287	520167	520083	1.68	cps
Chromium	52-2	913	903	927	914	1.28	cps
Cobalt	59-2	29042	28474	28578	28698	1.05	cps
Copper	63-2	15251	15862	15385	15500	2.07	cps
Dysprosium	156-1	1092	958	925	992	8.89	cps
Dysprosium	156-2	643	550	677	623	10.53	cps
Erbium	164-1	733	817	725	758	6.68	cps
Erbium	164-2	357	433	417	402	10.02	cps
Gadolinium	160-1	833	908	1092	945	14.07	cps
Gadolinium	160-2	730	720	677	709	4.00	cps
Holmium	165-1	2618240	2567600	2630605	2605482	1.28	cps
Holmium	165-2	1520702	1534716	1542850	1532756	0.73	cps
Indium	115-1	1926818	1913919	1928210	1922983	0.41	cps
Indium	115-2	485055	488320	492579	488651	0.77	cps
Iron	56-2	94245	94771	95369	94795	0.59	cps
Iron	57-2	2556	2850	2750	2719	5.51	cps
Krypton	83-1	143	97	120	120	19.45	cps
Lead	206-1	2678	2473	2528	2560	4.15	cps
Lead	207-1	2234	2078	2134	2148	3.67	cps
Lead	208-1	10508	9496	10080	10028	5.06	cps
Lithium	6-1	1474716	1449213	1462104	1462011	0.87	cps
Magnesium	24-2	134920	135590	137762	136091	1.09	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10594	10527	10554	10558	0.32	cps
Molybdenum	94-1	233	233	283	250	11.55	cps
Molybdenum	95-1	183	125	158	156	18.81	cps
Molybdenum	96-1	300	367	300	322	11.94	cps
Molybdenum	97-1	117	208	125	150	33.79	cps
Molybdenum	98-1	383	333	283	333	15.00	cps
Neodymium	150-1	1387	1507	1400	1431	4.60	cps
Neodymium	150-2	690	597	703	663	8.76	cps
Nickel	60-2	7452	7315	7972	7580	4.57	cps
Phosphorus	31-2	175	183	150	169	10.24	cps
Potassium	39-2	139031	141208	141274	140504	0.91	cps
Rhodium	103-1	1991626	1954127	1987294	1977682	1.04	cps
Rhodium	103-2	1067237	1079871	1094140	1080416	1.25	cps
Scandium	45-1	2256331	2214108	2265743	2245394	1.22	cps
Scandium	45-2	128057	127429	129177	128221	0.69	cps
Selenium	77-2	3	10	7	7	50.03	cps
Selenium	78-2	48	57	46	51	11.76	cps
Selenium	82-1	58	125	98	94	35.83	cps
Silicon	28-1	9127021	9043577	9123777	9098125	0.52	cps
Silver	109-1	117	83	108	103	16.88	cps
Silver	107-1	158	133	67	119	39.67	cps
Sodium	23-2	1136454	1158677	1154065	1149732	1.02	cps
Strontium	86-1	24881	23996	24772	24550	1.97	cps
Strontium	88-1	211066	206729	208852	208882	1.04	cps
Sulfur	34-1	237895	227241	220653	228596	3.81	cps
Terbium	159-1	2745347	2738071	2782699	2755372	0.87	cps
Terbium	159-2	1564072	1559712	1583191	1568992	0.80	cps
Thallium	203-1	742	825	817	795	5.78	cps
Thallium	205-1	1759	2025	1967	1917	7.31	cps
Thorium	232-1	261	200	206	222	15.21	cps
Tin	118-1	1617	1400	1425	1481	8.01	cps
Titanium	47-1	183	175	158	172	7.39	cps
Uranium	238-1	5560	5468	5468	5499	0.96	cps
Vanadium	51-2	247	263	310	273	12.01	cps
Yttrium	89-1	2715685	2686642	2730672	2711000	0.83	cps
Yttrium	89-2	468376	472570	477380	472775	0.95	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	K3660-01	Instrumnet Name :	P7
Client Sample ID :	390626721.1-SPIGOT	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:49:19	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	20718	21269	21156	21048	1.38	cps
Zirconium	90-1	358	358	333	350	4.12	cps
Zirconium	91-1	92	33	42	56	56.79	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2530847	2531663	2518550	2527020	0.29	cps
Antimony	121-1	956844	948886	947843	951191	0.52	cps
Arsenic	75-1	335391	332628	330121	332713	0.79	cps
Barium	135-1	1261921	1248069	1264538	1258176	0.70	cps
Barium	137-1	2181094	2183624	2195490	2186736	0.35	cps
Beryllium	9-1	474005	469223	475780	473003	0.72	cps
Bismuth	209-1	1487284	1466307	1461855	1471815	0.92	cps
Bismuth	209-2	962822	962941	976346	967370	0.80	cps
Boron	10-1	69150	72733	71980	71288	2.65	cps
Boron	11-1	310855	321133	320409	317466	1.81	cps
Cadmium	111-1	363260	362488	363445	363065	0.14	cps
Cadmium	106-1	30935	31586	31043	31188	1.12	cps
Cadmium	108-1	21679	21742	21291	21571	1.13	cps
Calcium	43-1	2729764	2710309	2712356	2717477	0.39	cps
Calcium	44-1	43572266	43434835	43870046	43625716	0.51	cps
Chromium	52-2	563273	564517	564183	563991	0.11	cps
Cobalt	59-2	715971	723903	722779	720884	0.60	cps
Copper	63-2	1004016	1012653	1021207	1012625	0.85	cps
Dysprosium	156-1	42	42	17	33	43.30	cps
Dysprosium	156-2	43	37	30	37	18.18	cps
Erbium	164-1	25	58	8	31	83.33	cps
Erbium	164-2	0	10	3	4	114.60	cps
Gadolinium	160-1	8	33	33	25	57.74	cps
Gadolinium	160-2	63	57	67	62	8.18	cps
Holmium	165-1	2654454	2644127	2630456	2643013	0.46	cps
Holmium	165-2	1577011	1585781	1602934	1588575	0.83	cps
Indium	115-1	1853180	1860863	1845147	1853063	0.42	cps
Indium	115-2	481642	486914	485620	484725	0.57	cps
Iron	56-2	101356716	101915408	101341183	101537769	0.32	cps
Iron	57-2	2600942	2586567	2591016	2592842	0.28	cps
Krypton	83-1	200	147	150	166	18.05	cps
Lead	206-1	726429	709908	711645	715994	1.27	cps
Lead	207-1	655497	646038	640606	647380	1.16	cps
Lead	208-1	2929141	2868857	2872332	2890110	1.17	cps
Lithium	6-1	1459047	1448899	1443415	1450453	0.55	cps
Magnesium	24-2	26799334	26942320	26913338	26884997	0.28	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	636538	647792	645421	643250	0.92	cps
Molybdenum	94-1	2955809	2965862	2977714	2966462	0.37	cps
Molybdenum	95-1	3927585	3931383	3948397	3935788	0.28	cps
Molybdenum	96-1	4237064	4273539	4347332	4285978	1.31	cps
Molybdenum	97-1	2367353	2380871	2398658	2382294	0.66	cps
Molybdenum	98-1	6124763	6134740	6149815	6136439	0.21	cps
Neodymium	150-1	73	113	100	96	21.31	cps
Neodymium	150-2	20	17	13	17	20.01	cps
Nickel	60-2	178620	181272	182810	180900	1.17	cps
Phosphorus	31-2	27651	28762	27560	27991	2.39	cps
Potassium	39-2	13030716	13004897	13097958	13044524	0.37	cps
Rhodium	103-1	1864586	1853783	1876312	1864894	0.60	cps
Rhodium	103-2	1024119	1042003	1030138	1032086	0.88	cps
Scandium	45-1	2282227	2289454	2313992	2295224	0.73	cps
Scandium	45-2	131491	134026	134891	133469	1.32	cps
Selenium	77-2	1470	1557	1563	1530	3.40	cps
Selenium	78-2	5118	5055	5038	5070	0.83	cps
Selenium	82-1	24935	25109	25109	25051	0.40	cps
Silicon	28-1	1785842	1863303	1880510	1843218	2.74	cps
Silver	109-1	1218992	1215862	1225352	1220069	0.40	cps
Silver	107-1	1271936	1263578	1267172	1267562	0.33	cps
Sodium	23-2	54229570	53895726	53996353	54040550	0.32	cps
Strontium	86-1	399597	393218	398827	397214	0.88	cps
Strontium	88-1	3376215	3370424	3349919	3365520	0.41	cps
Sulfur	34-1	392183	389452	390090	390575	0.37	cps
Terbium	159-1	2772749	2767469	2784458	2774892	0.31	cps
Terbium	159-2	1613548	1630040	1631004	1624864	0.60	cps
Thallium	203-1	891859	882209	876335	883468	0.89	cps
Thallium	205-1	2140860	2117347	2105488	2121232	0.85	cps
Thorium	232-1	3553913	3516578	3522646	3531046	0.57	cps
Tin	118-1	786845	786259	784410	785838	0.16	cps
Titanium	47-1	1523532	1507351	1513890	1514924	0.54	cps
Uranium	238-1	3468300	3455419	3434678	3452799	0.49	cps
Vanadium	51-2	486472	490604	491911	489662	0.58	cps
Yttrium	89-1	2716912	2729390	2718049	2721450	0.25	cps
Yttrium	89-2	481581	490793	487439	486604	0.96	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCV75	Instrumnet Name :	P7
Client Sample ID :	CCV75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:52:55	DataFile Name :	031CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	156690	157826	158088	157535	0.47	cps
Zirconium	90-1	2214967	2210139	2207681	2210929	0.17	cps
Zirconium	91-1	480709	479693	481972	480791	0.24	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:56:34 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	58	150	103	44.66	cps
Antimony	121-1	833	875	975	895	8.14	cps
Arsenic	75-1	119	112	140	124	11.74	cps
Barium	135-1	117	83	33	78	53.93	cps
Barium	137-1	133	83	100	106	24.12	cps
Beryllium	9-1	117	107	97	107	9.37	cps
Bismuth	209-1	1564299	1518789	1507951	1530346	1.95	cps
Bismuth	209-2	938459	992844	1002462	977922	3.53	cps
Boron	10-1	5226	4843	4626	4898	6.21	cps
Boron	11-1	24329	22017	20181	22175	9.37	cps
Cadmium	111-1	2605	1891	2516	2337	16.65	cps
Cadmium	106-1	858	625	833	772	16.59	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	292	192	100	194	49.30	cps
Calcium	44-1	11730	10312	10712	10918	6.69	cps
Chromium	52-2	317	363	387	356	10.02	cps
Cobalt	59-2	40	33	30	34	14.78	cps
Copper	63-2	250	283	260	264	6.47	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	8	50	22	108.27	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	0	33	42	25	88.19	cps
Gadolinium	160-2	47	30	57	44	30.31	cps
Holmium	165-1	2593265	2564572	2532665	2563501	1.18	cps
Holmium	165-2	1423489	1500507	1514362	1479453	3.31	cps
Indium	115-1	1921912	1891872	1901830	1905205	0.80	cps
Indium	115-2	455561	485128	485078	475256	3.59	cps
Iron	56-2	6407	6318	6652	6459	2.67	cps
Iron	57-2	311	283	250	281	10.87	cps
Krypton	83-1	110	157	117	128	19.75	cps
Lead	206-1	217	289	250	252	14.35	cps
Lead	207-1	233	189	233	219	11.74	cps
Lead	208-1	1044	978	950	991	4.90	cps
Lithium	6-1	1476335	1445380	1451382	1457699	1.13	cps
Magnesium	24-2	917	1117	900	978	12.33	cps

LB Number : LB103878 Operator : Jaswal
 Lab Sample ID : CCB75 Instrumnet Name : P7
 Client Sample ID : CCB75 Dilution Factor : 1
 Date & Time Acquired :: 2019-07-08 16:56:34 DataFile Name : 032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	30	37	36	14.32	cps
Molybdenum	94-1	633	667	533	611	11.36	cps
Molybdenum	95-1	975	1050	783	936	14.69	cps
Molybdenum	96-1	1208	1033	858	1033	16.94	cps
Molybdenum	97-1	758	583	517	619	20.15	cps
Molybdenum	98-1	1775	1333	1025	1378	27.36	cps
Neodymium	150-1	0	7	0	2	173.21	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	40	10	17	22	70.88	cps
Phosphorus	31-2	167	75	133	125	37.12	cps
Potassium	39-2	19455	19080	18145	18893	3.57	cps
Rhodium	103-1	1977438	1950326	1975046	1967603	0.76	cps
Rhodium	103-2	1001044	1055897	1064772	1040571	3.32	cps
Scandium	45-1	2249251	2232637	2217791	2233226	0.70	cps
Scandium	45-2	121138	124450	127113	124234	2.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	41	41	46	43	7.54	cps
Selenium	82-1	91	66	97	85	19.38	cps
Silicon	28-1	135247	130178	125465	130297	3.75	cps
Silver	109-1	208	150	92	150	38.89	cps
Silver	107-1	133	158	175	156	13.48	cps
Sodium	23-2	24421	24128	24187	24245	0.64	cps
Strontium	86-1	242	225	258	242	6.90	cps
Strontium	88-1	200	167	175	181	9.61	cps
Sulfur	34-1	189269	186984	187245	187832	0.67	cps
Terbium	159-1	2723584	2671587	2687904	2694358	0.99	cps
Terbium	159-2	1465171	1538486	1558369	1520675	3.23	cps
Thallium	203-1	283	350	333	322	10.77	cps
Thallium	205-1	917	717	858	831	12.38	cps
Thorium	232-1	811	761	789	787	3.18	cps
Tin	118-1	400	283	308	331	18.58	cps
Titanium	47-1	117	158	117	131	18.43	cps
Uranium	238-1	225	192	108	175	34.34	cps
Vanadium	51-2	20	13	17	17	20.01	cps
Yttrium	89-1	2665432	2651036	2668553	2661674	0.35	cps
Yttrium	89-2	438009	460745	467695	455483	3.41	cps

LB Number :	LB103878	Operator :	Jaswal
Lab Sample ID :	CCB75	Instrumnet Name :	P7
Client Sample ID :	CCB75	Dilution Factor :	1
Date & Time Acquired ::	2019-07-08 16:56:34	DataFile Name :	032CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	80	77	77	78	2.47	cps
Zirconium	90-1	425	433	508	456	10.08	cps
Zirconium	91-1	100	92	125	106	16.44	cps