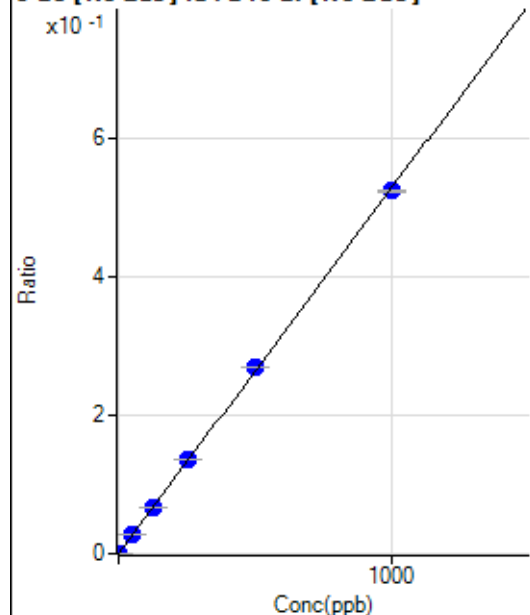


Calibration for 005CALS.d

Batch Folder: D:\ICP-MS Data\P7100719-MS.b\
 Analysis File: P7100719-MS.batch.bin
 DA Date-Time: 2019-10-07 16:25:21
 Calibration Title:
 Calibration Method: External Calibration
 VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-10-07 13:34:55
2			
3	005CALS.d	S02	2019-10-07 13:43:04
4	006CALS.d	S03	2019-10-07 13:46:59
5	007CALS.d	S04	2019-10-07 13:50:53
6	008CALS.d	S05	2019-10-07 13:54:43
7	009CALS.d	S06	2019-10-07 13:58:31
8	010CALS.d	S07	2019-10-07 14:02:17
9	011CALS.d	S08	2019-10-07 14:06:02

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	44.45	0.0000	P	12.3
2	☐	0.100					
3	☐	1.000	0.984	1326.02	0.0005	P	1.3
4	☐	50.000	51.582	67261.78	0.0272	P	0.7
5	☐	125.000	127.616	159979.84	0.0673	P	0.5
6	☐	250.000	257.366	303356.56	0.1357	P	0.6
7	☐	500.000	510.386	565102.53	0.2691	P	0.5
8	☐	1000.000	992.559	1071535.38	0.5233	P	0.6
9	☐			275.94	0.0001	P	7.8

$$y = 5.2720\text{E-}004 * x + 1.8066\text{E-}005$$

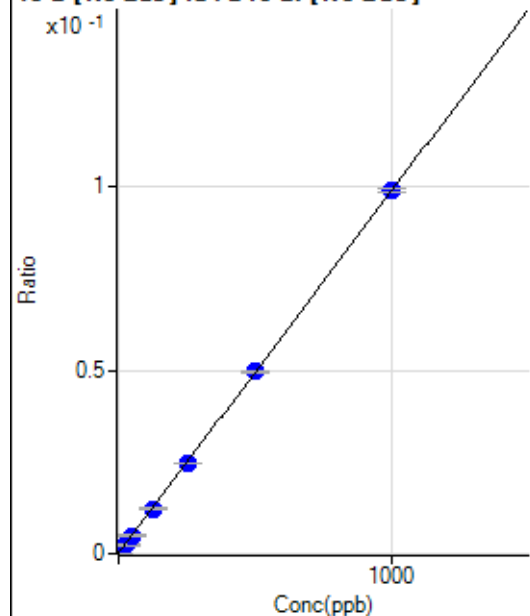
$$R = 0.9999$$

$$DL = 0.01269$$

$$BEC = 0.03427$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	230.57	0.0001	P	11.5
2	☐	2.500					
3	☐	25.000	23.869	6056.98	0.0025	P	9.0
4	☐	50.000	49.176	12241.53	0.0050	P	1.2
5	☐	125.000	122.732	29048.11	0.0122	P	2.9
6	☐	250.000	247.888	54961.62	0.0246	P	1.3
7	☐	500.000	501.459	104243.48	0.0496	P	1.0
8	☐	1000.000	1000.151	202554.55	0.0989	P	0.9
9	☐			10759.77	0.0050	P	4.3

$$y = 9.8807\text{E-}005 * x + 9.3717\text{E-}005$$

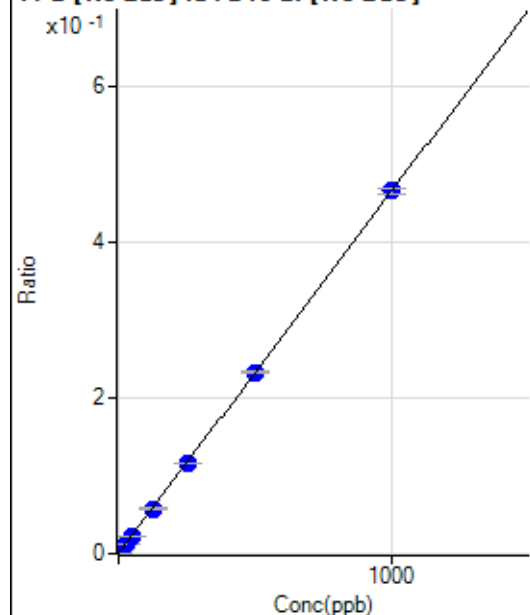
$$R = 1.0000$$

$$DL = 0.326$$

$$BEC = 0.9485$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1130.65	0.0005	P	11.5
2	☐	2.500					
3	☐	25.000	23.447	28029.54	0.0113	P	0.7
4	☐	50.000	48.617	56916.45	0.0230	P	2.0
5	☐	125.000	123.002	136823.65	0.0576	P	2.0
6	☐	250.000	248.447	258854.15	0.1158	P	0.6
7	☐	500.000	498.822	487233.08	0.2320	P	1.1
8	☐	1000.000	1001.335	952825.98	0.4653	P	1.4
9	☐			49793.91	0.0231	P	7.1

$$y = 4.6422\text{E-}004 * x + 4.5965\text{E-}004$$

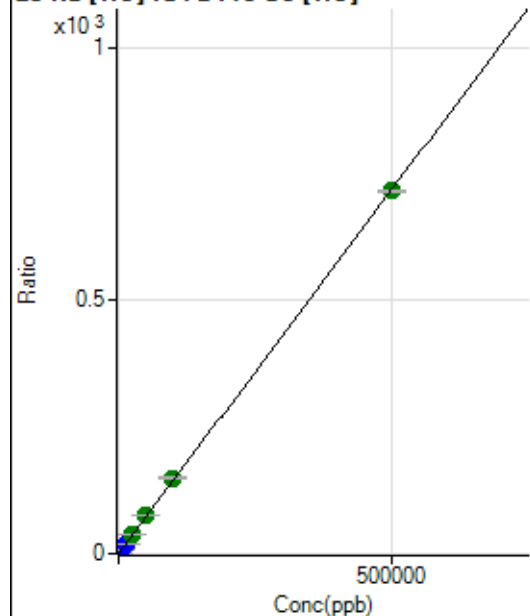
$$R = 1.0000$$

$$DL = 0.3405$$

$$BEC = 0.9901$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	5592.92	0.0292	P	2.4
2	☐	50.000					
3	☐	500.000	510.561	147841.05	0.7632	P	2.1
4	☐	5000.000	5223.728	1422266.01	7.5395	P	0.2
5	☐	12500.000	13105.053	3410108.89	18.8708	P	0.2
6	☐	25000.000	26146.061	6291520.71	37.6204	A	0.2
7	☐	50000.000	53174.761	12362603.75	76.4805	A	0.6
8	☐	100000.00	104208.00	23964388.90	149.8530	A	0.5
9	☐	500000.00	498766.24	132522207.1	717.1245	A	0.5

$$y = 0.0014 * x + 0.0292$$

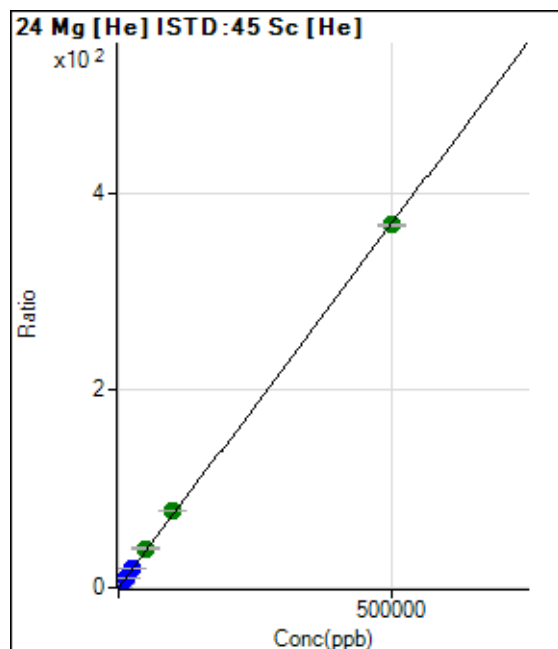
$$R = 0.9999$$

$$DL = 1.443$$

$$BEC = 20.28$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	119.45	0.0006	P	7.9
2	☐	50.000					
3	☐	500.000	541.882	77500.19	0.4000	P	0.9
4	☐	5000.000	5360.295	745426.69	3.9516	P	0.1
5	☐	12500.000	13444.267	1790841.25	9.9101	P	0.2
6	☐	25000.000	26800.651	3303704.72	19.7549	P	0.3
7	☐	50000.000	53992.585	6432886.47	39.7975	A	1.0
8	☐	100000.00	105072.58	12385284.91	77.4475	A	0.6
9	☐	500000.00	498468.94	67898254.99	367.4122	A	0.3

$$y = 7.3708\text{E-}004 * x + 6.2277\text{E-}004$$

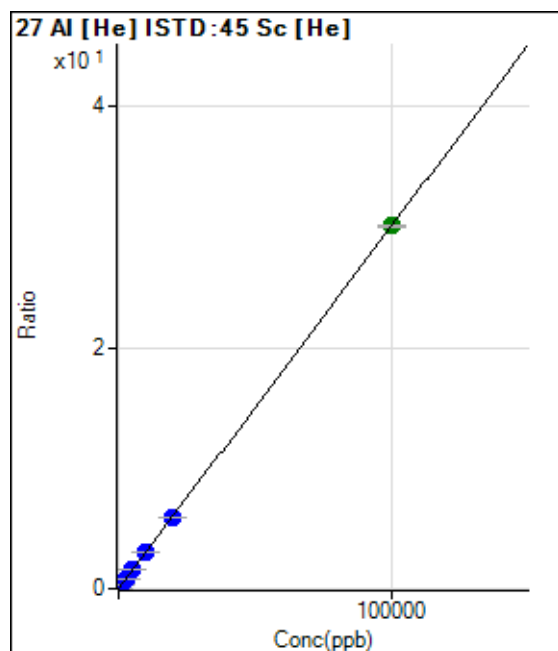
$$R = 0.9999$$

$$DL = 0.1998$$

$$BEC = 0.8449$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	11.11	0.0001	P	114.8
2	☐	2.000					
3	☐	20.000	20.263	1191.76	0.0062	P	3.9
4	☐	1000.000	1009.791	57305.08	0.3038	P	0.3
5	☐	2500.000	2527.309	137378.29	0.7602	P	0.3
6	☐	5000.000	5059.150	254482.47	1.5217	P	0.7
7	☐	10000.000	10100.184	491066.50	3.0380	P	1.0
8	☐	20000.000	19763.760	950655.01	5.9446	P	0.4
9	☐	100000.00	100033.49	5560301.73	30.0881	A	0.9

$$y = 3.0078\text{E-}004 * x + 5.7947\text{E-}005$$

$$R = 1.0000$$

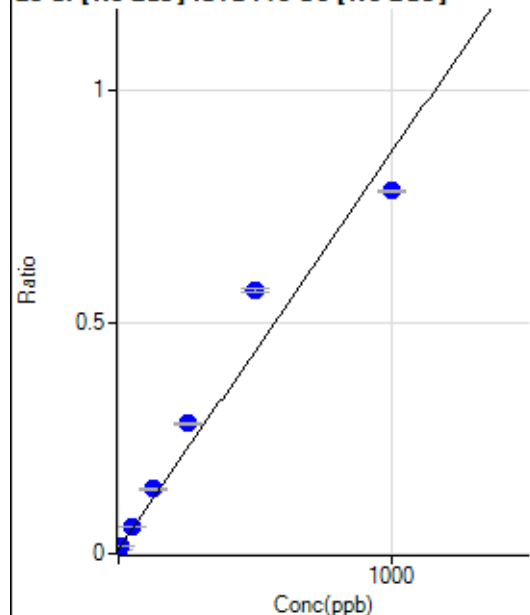
$$DL = 0.6634$$

$$BEC = 0.1927$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	45191.47	0.0094	P	1.6
2	☐	1.000					
3	☐	10.000	7.848	78235.30	0.0161	P	0.5
4	☐	50.000	57.745	282323.34	0.0589	P	3.3
5	☐	125.000	152.039	645535.62	0.1397	P	1.9
6	☐	250.000	316.618	1223968.72	0.2807	P	2.2
7	☐	500.000	652.647	2322583.28	0.5687	P	1.7
8	☐	1000.000	903.276	3130114.96	0.7835	P	0.5
9	☐			109551.29	0.0255	P	1.5

$$y = 8.5698\text{E-}004 * x + 0.0094$$

$$R = 0.9782$$

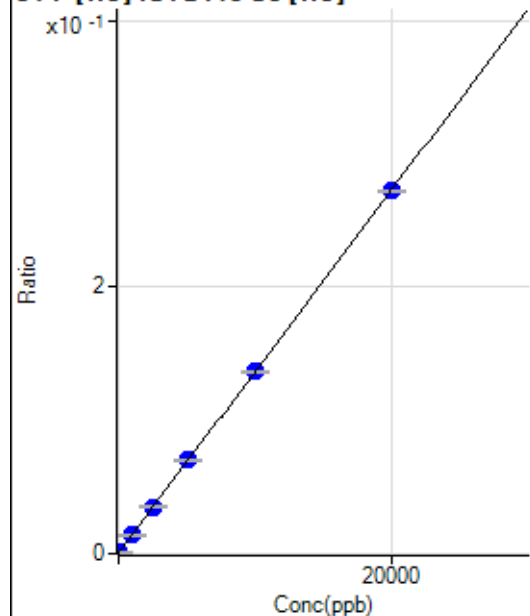
$$DL = 0.5406$$

$$BEC = 10.98$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-25.762	33.33	0.0002	P	50.2
2	☐	0.000					
3	☐	0.000	25.762	169.45	0.0009	P	36.4
4	☐	1000.000	984.696	2628.11	0.0139	P	5.9
5	☐	2500.000	2546.986	6359.93	0.0352	P	1.9
6	☐	5000.000	5108.464	11718.89	0.0701	P	3.1
7	☐	10000.000	10018.057	22128.28	0.1369	P	1.3
8	☐	20000.000	19958.748	43531.18	0.2722	P	0.6
9	☐			61.11	0.0003	P	38.6

$$y = 1.3612\text{E-}005 * x + 5.2465\text{E-}004$$

$$R = 1.0000$$

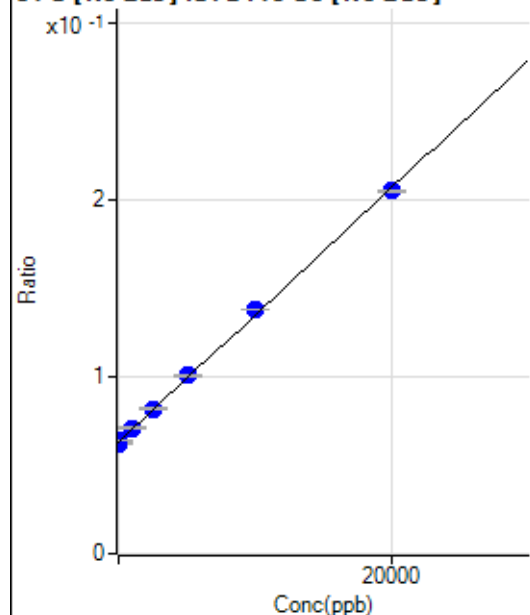
$$DL = 44.72$$

$$BEC = 38.54$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	-114.124	299812.79	0.0625	P	0.9
2	☐	0.000					
3	☐	0.000	114.124	310709.59	0.0641	P	0.4
4	☐	1000.000	1116.171	341883.55	0.0713	P	0.9
5	☐	2500.000	2621.527	379598.18	0.0822	P	0.4
6	☐	5000.000	5212.401	439541.28	0.1008	P	0.5
7	☐	10000.000	10375.221	563554.35	0.1380	P	0.3
8	☐	20000.000	19738.290	820583.50	0.2054	P	0.8
9	☐			288149.09	0.0670	P	0.9

$$y = 7.2012\text{E-}006 * x + 0.0633$$

$$R = 0.9996$$

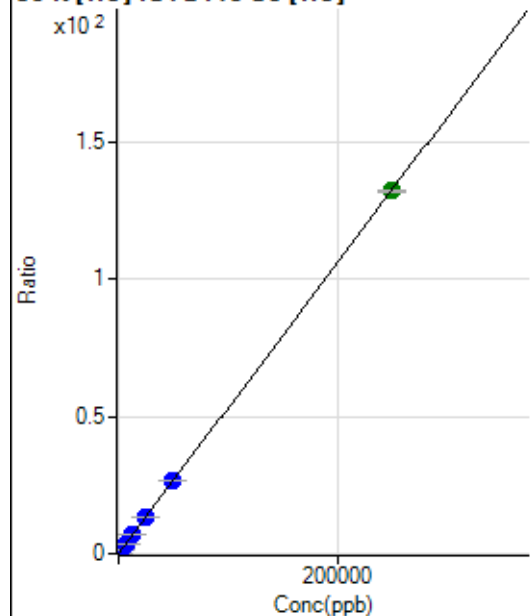
$$DL = 169.4$$

$$BEC = 8786$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	6362.72	0.0332	P	0.9
2	☐	50.000					
3	☐	500.000	514.395	59179.91	0.3055	P	1.7
4	☐	2500.000	2566.383	262537.09	1.3918	P	0.7
5	☐	6250.000	6394.953	617757.00	3.4185	P	0.6
6	☐	12500.000	12738.905	1133362.67	6.7769	P	0.1
7	☐	25000.000	25563.406	2192809.08	13.5659	P	0.9
8	☐	50000.000	50405.854	4272577.05	26.7170	P	0.1
9	☐	250000.00	249846.22	24448255.06	132.2967	A	0.3

$$y = 5.2938\text{E-}004 * x + 0.0332$$

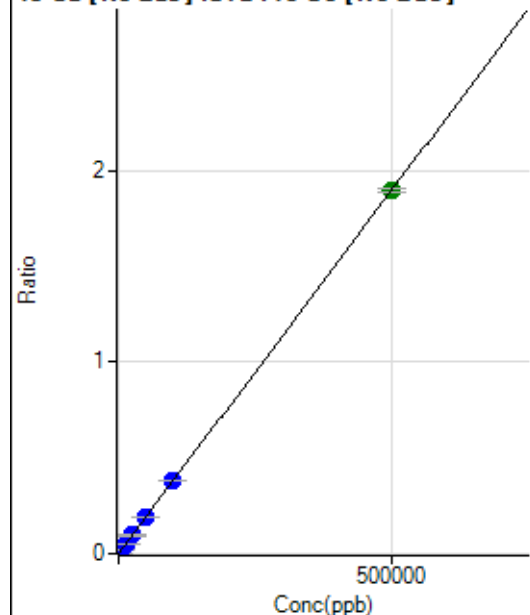
$$R = 1.0000$$

$$DL = 1.758$$

$$BEC = 62.67$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	94.45	0.0000	P	48.2
2	☐	50.000					
3	☐	500.000	490.716	9105.95	0.0019	P	3.3
4	☐	5000.000	4974.699	90426.19	0.0189	P	0.2
5	☐	12500.000	12589.644	220411.95	0.0477	P	0.7
6	☐	25000.000	25193.593	416107.84	0.0954	P	0.8
7	☐	50000.000	51202.195	792056.34	0.1939	P	0.4
8	☐	100000.00	101853.35	1541105.56	0.3858	P	0.1
9	☐	500000.00	499497.45	8140481.95	1.8917	A	1.0

$$y = 3.7873\text{E-}006 * x + 1.9656\text{E-}005$$

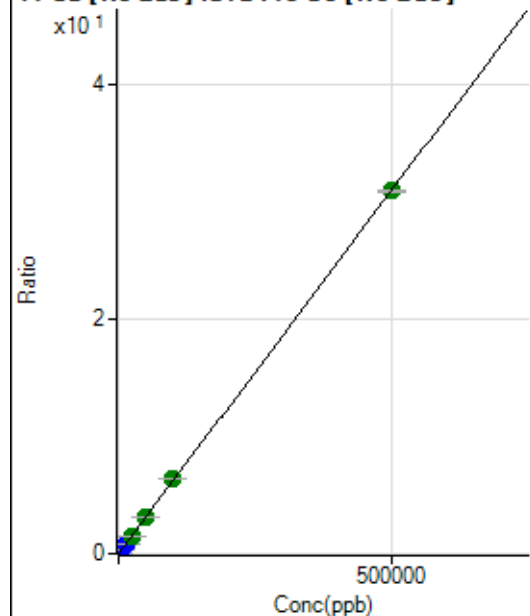
$$R = 1.0000$$

$$DL = 7.509$$

$$BEC = 5.19$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2817.05	0.0006	P	6.2
2	☐	50.000					
3	☐	500.000	493.701	151025.25	0.0312	P	1.0
4	☐	5000.000	5005.351	1488699.83	0.3105	P	0.6
5	☐	12500.000	12485.518	3574842.79	0.7737	P	0.3
6	☐	25000.000	25079.230	6773300.59	1.5534	A	0.3
7	☐	50000.000	50732.968	12831640.74	3.1418	A	0.4
8	☐	100000.00	102603.32	25381746.75	6.3535	A	0.5
9	☐	500000.00	499402.39	133065507.1	30.9221	A	0.6

$$y = 6.1917\text{E-}005 * x + 5.8665\text{E-}004$$

$$R = 1.0000$$

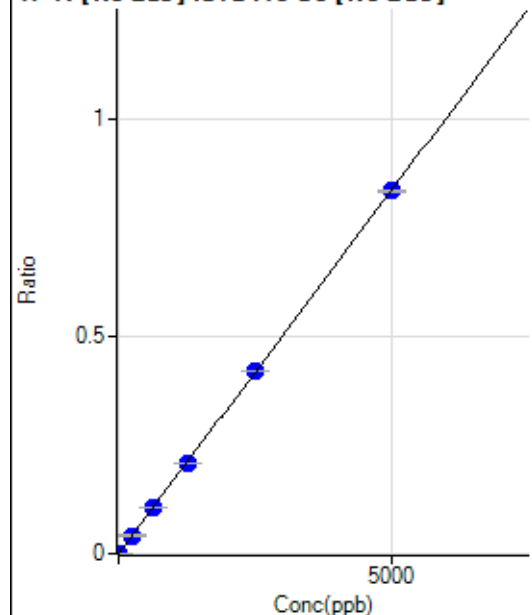
$$DL = 1.764$$

$$BEC = 9.475$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.33	0.0000	P	62.8
2	☐	0.500					
3	☐	5.000	5.171	4256.34	0.0009	P	3.5
4	☐	250.000	251.145	201708.17	0.0421	P	1.3
5	☐	625.000	628.284	486214.40	0.1052	P	1.0
6	☐	1250.000	1249.572	912452.28	0.2093	P	0.5
7	☐	2500.000	2514.287	1719663.52	0.4211	P	0.4
8	☐	5000.000	4992.495	3340031.85	0.8361	P	0.4
9	☐			1266.78	0.0003	P	3.8

$$y = 1.6746E-004 * x + 1.2175E-005$$

$$R = 1.0000$$

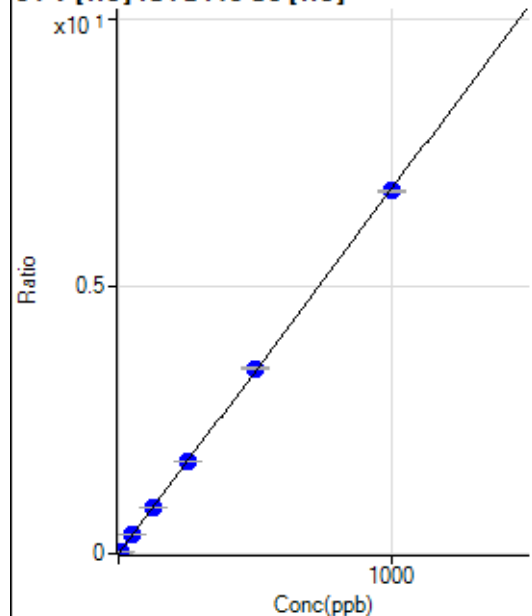
$$DL = 0.137$$

$$BEC = 0.0727$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	5.298	7002.88	0.0362	P	3.7
4	☐	50.000	51.307	66022.37	0.3500	P	0.7
5	☐	125.000	127.171	156764.66	0.8675	P	0.5
6	☐	250.000	252.780	288379.09	1.7243	P	0.2
7	☐	500.000	508.293	560474.55	3.4673	P	0.6
8	☐	1000.000	994.820	1085229.71	6.7861	P	0.3
9	☐			530.02	0.0029	P	7.4

$$y = 0.0068 * x + 1.1547E-005$$

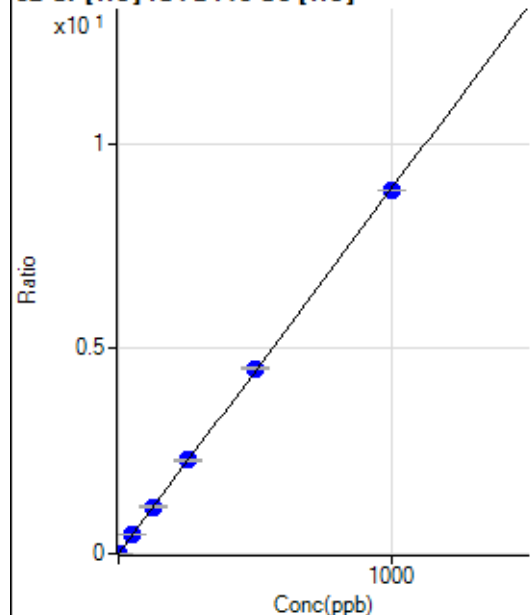
$$R = 0.9999$$

$$DL = 0.008796$$

$$BEC = 0.001693$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	395.57	0.0021	P	17.9
2	☐	0.200					
3	☐	2.000	2.041	3915.02	0.0202	P	0.5
4	☐	50.000	51.936	87504.35	0.4639	P	1.3
5	☐	125.000	128.744	207243.64	1.1468	P	0.7
6	☐	250.000	255.599	380421.77	2.2748	P	0.6
7	☐	500.000	507.985	730478.63	4.5190	P	0.6
8	☐	1000.000	994.043	1413842.32	8.8410	P	0.2
9	☐			57713.78	0.3123	P	0.7

$$y = 0.0089 * x + 0.0021$$

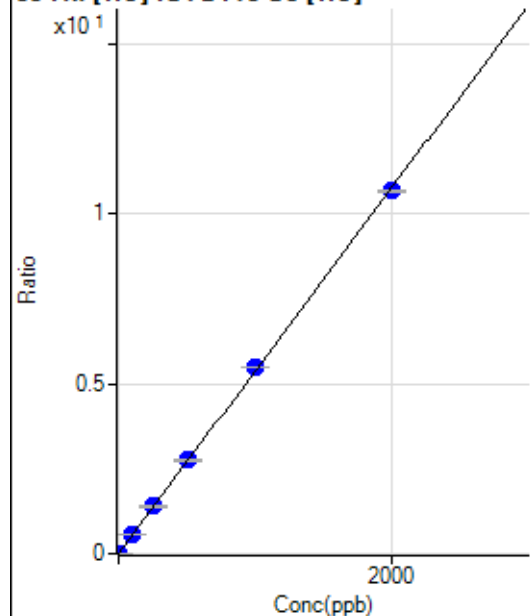
$$R = 0.9999$$

$$DL = 0.1249$$

$$BEC = 0.2319$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	21.11	0.0001	P	36.7
2	☐	0.100					
3	☐	1.000	1.025	1088.95	0.0056	P	6.3
4	☐	100.000	104.396	105858.54	0.5612	P	0.2
5	☐	250.000	258.253	250828.27	1.3880	P	0.5
6	☐	500.000	511.319	459537.02	2.7481	P	1.4
7	☐	1000.000	1022.018	887907.55	5.4927	P	0.3
8	☐	2000.000	1984.910	1705945.15	10.6676	P	0.4
9	☐			7041.80	0.0381	P	2.8

$$y = 0.0054 * x + 1.1014E-004$$

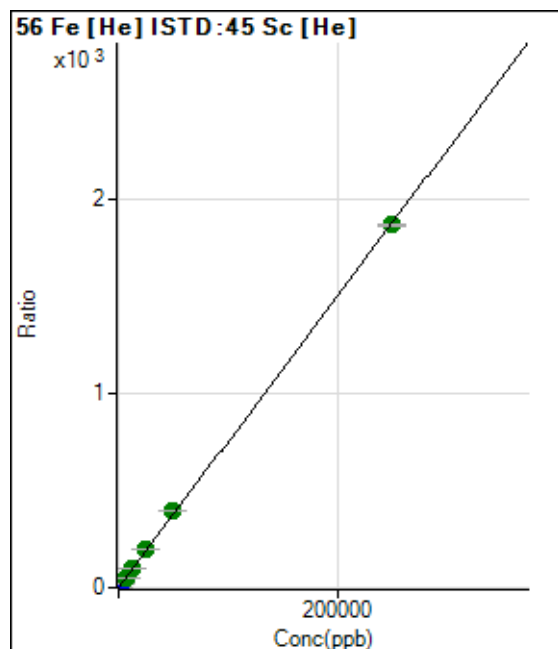
$$R = 0.9999$$

$$DL = 0.02254$$

$$BEC = 0.02049$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	1077.85	0.0056	P	12.0
2	☐	5.000					
3	☐	50.000	57.305	84233.05	0.4348	P	0.4
4	☐	2500.000	2723.730	3848976.21	20.4043	P	0.6
5	☐	6250.000	6734.374	9115121.15	50.4411	A	0.1
6	☐	12500.000	13443.349	16836924.10	100.6863	A	1.4
7	☐	25000.000	26855.254	32512591.24	201.1315	A	0.7
8	☐	50000.000	52363.480	62715265.29	392.1692	A	0.4
9	☐	250000.00	249280.26	345012989.1	1,866.929	A	0.3

$$y = 0.0075 * x + 0.0056$$

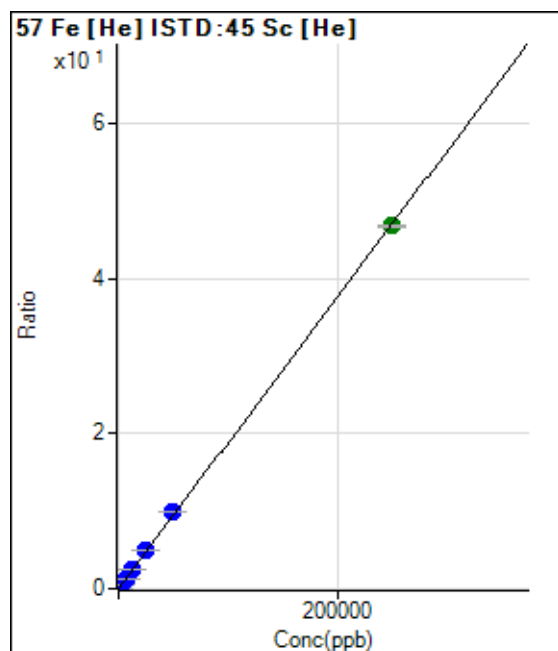
$$R = 0.9999$$

$$DL = 0.2691$$

$$BEC = 0.7506$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0001	P	20.0
2	☐	5.000					
3	☐	50.000	61.109	2248.39	0.0116	P	5.0
4	☐	2500.000	2736.617	96815.64	0.5133	P	1.4
5	☐	6250.000	6763.700	229199.42	1.2683	P	0.5
6	☐	12500.000	13540.750	424585.43	2.5390	P	1.3
7	☐	25000.000	26980.180	817756.60	5.0589	P	0.5
8	☐	50000.000	52501.062	1574265.41	9.8441	P	0.6
9	☐	250000.00	249234.52	8636127.10	46.7316	A	0.3

$$y = 1.8750E-004 * x + 1.4483E-004$$

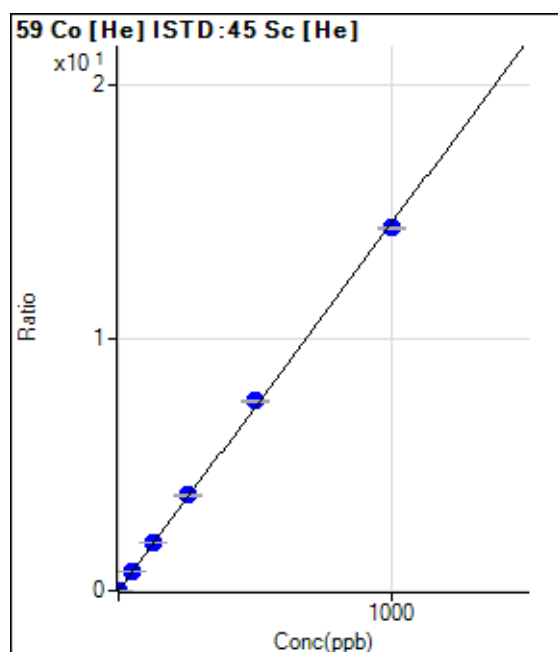
$$R = 0.9999$$

$$DL = 0.4639$$

$$BEC = 0.7724$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	41.11	0.0002	P	49.1
2	☐	0.100					
3	☐	1.000	1.052	3005.91	0.0155	P	4.0
4	☐	50.000	53.386	146490.26	0.7766	P	0.7
5	☐	125.000	131.982	346882.56	1.9196	P	0.2
6	☐	250.000	260.737	634107.71	3.7920	P	1.3
7	☐	500.000	517.124	1215640.35	7.5205	P	0.7
8	☐	1000.000	987.712	2297112.05	14.3640	P	0.5
9	☐			32097.49	0.1737	P	0.3

$$y = 0.0145 * x + 2.1457E-004$$

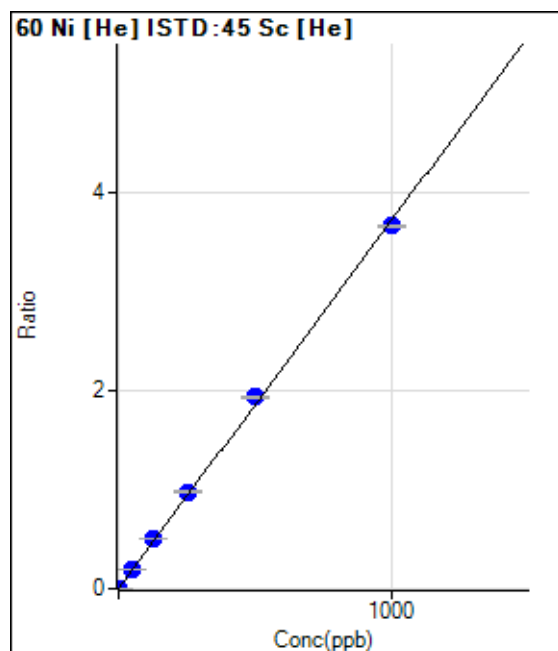
$$R = 0.9997$$

$$DL = 0.02173$$

$$BEC = 0.01475$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	100.00	0.0005	P	27.5
2	☐	0.100					
3	☐	1.000	1.076	876.71	0.0045	P	6.0
4	☐	50.000	54.263	38199.74	0.2025	P	1.3
5	☐	125.000	134.390	90493.74	0.5008	P	0.4
6	☐	250.000	262.696	163608.68	0.9784	P	1.2
7	☐	500.000	519.858	312891.42	1.9356	P	0.7
8	☐	1000.000	985.510	586737.35	3.6690	P	0.3
9	☐			22011.16	0.1191	P	1.1

$$y = 0.0037 * x + 5.2168E-004$$

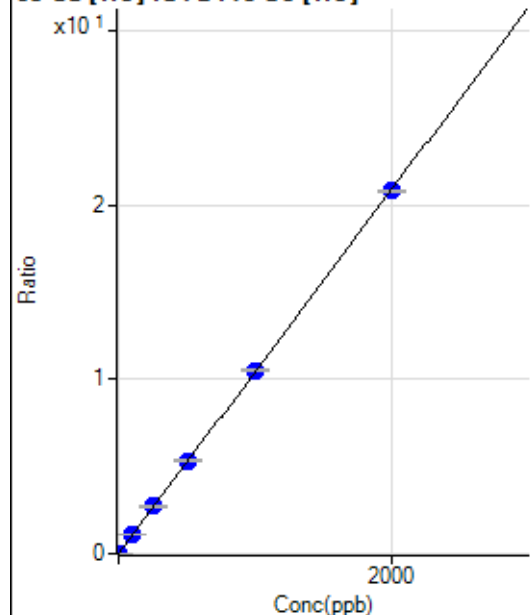
$$R = 0.9996$$

$$DL = 0.1158$$

$$BEC = 0.1401$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	355.57	0.0019	P	15.7
2	☐	0.200					
3	☐	2.000	2.027	4464.08	0.0230	P	2.6
4	☐	100.000	105.206	207808.35	1.1016	P	0.5
5	☐	250.000	258.949	489506.93	2.7088	P	0.5
6	☐	500.000	509.880	891640.60	5.3320	P	1.1
7	☐	1000.000	1005.722	1699731.14	10.5153	P	0.8
8	☐	2000.000	1993.290	3332583.18	20.8390	P	0.3
9	☐			7214.11	0.0390	P	2.3

$$y = 0.0105 * x + 0.0019$$

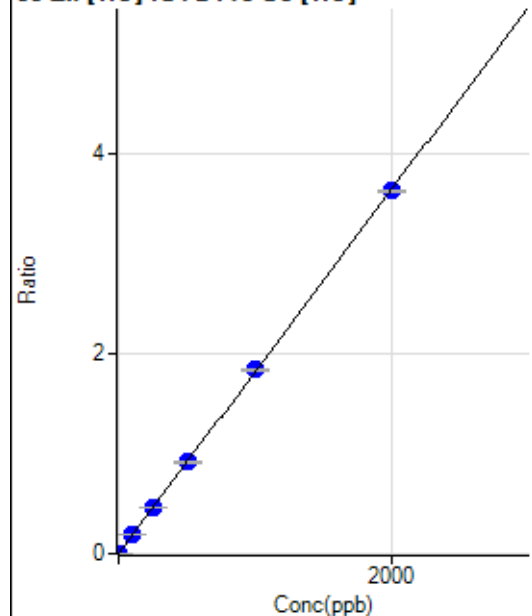
$$R = 1.0000$$

$$DL = 0.08371$$

$$BEC = 0.1774$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	220.00	0.0011	P	15.0
2	☐	0.200					
3	☐	2.000	2.112	965.60	0.0050	P	7.1
4	☐	100.000	102.663	35418.66	0.1878	P	0.7
5	☐	250.000	255.306	84069.11	0.4652	P	0.7
6	☐	500.000	505.496	153839.13	0.9200	P	1.8
7	☐	1000.000	1010.197	297005.49	1.8374	P	0.6
8	☐	2000.000	1992.731	579446.76	3.6234	P	0.3
9	☐			9218.59	0.0499	P	2.1

$$y = 0.0018 * x + 0.0011$$

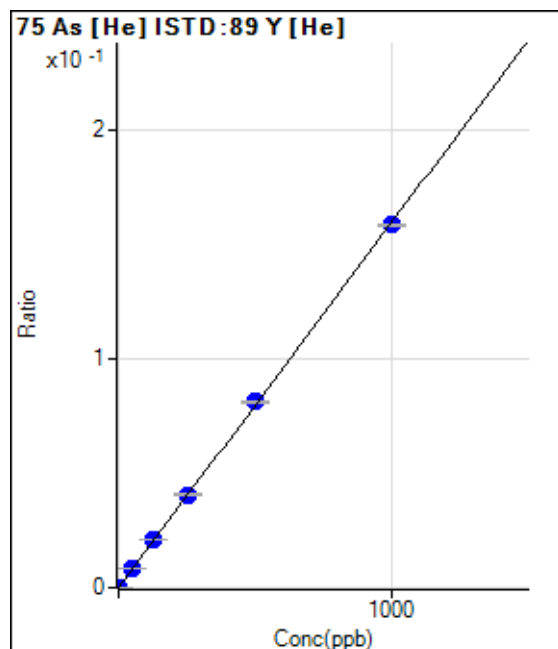
$$R = 1.0000$$

$$DL = 0.2847$$

$$BEC = 0.6309$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2.47	0.0000	P	43.7
2	☐	0.100					
3	☐	1.000	0.952	157.41	0.0002	P	21.8
4	☐	50.000	51.614	8282.05	0.0082	P	2.0
5	☐	125.000	129.377	19806.77	0.0207	P	0.2
6	☐	250.000	255.158	36369.48	0.0408	P	0.4
7	☐	500.000	508.385	69893.92	0.0812	P	0.3
8	☐	1000.000	993.890	135290.61	0.1587	P	0.7
9	☐			241.98	0.0003	P	1.6

$$y = 1.5970\text{E-}004 * x + 2.4571\text{E-}006$$

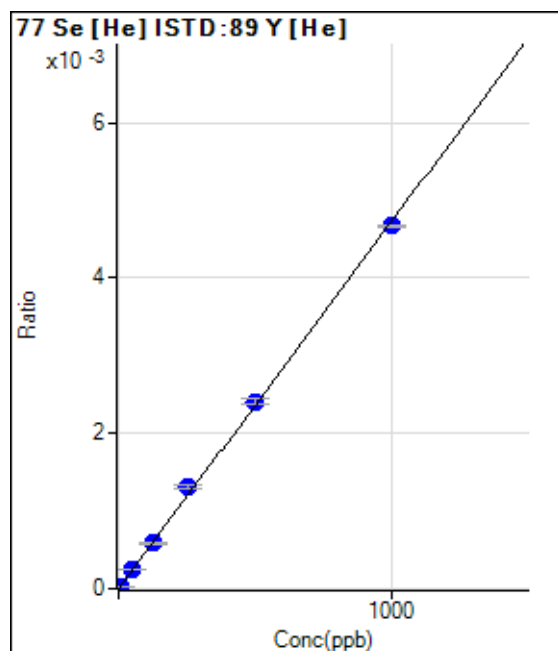
$$R = 0.9999$$

$$DL = 0.02017$$

$$BEC = 0.01539$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	6.685	32.22	0.0000	P	26.0
4	☐	50.000	52.876	251.12	0.0003	P	1.5
5	☐	125.000	123.570	560.02	0.0006	P	6.0
6	☐	250.000	276.515	1166.74	0.0013	P	3.3
7	☐	500.000	510.205	2076.85	0.0024	P	2.7
8	☐	1000.000	988.295	3982.83	0.0047	P	0.2
9	☐			2.22	0.0000	P	86.6

$$y = 4.7282\text{E-}006 * x + 0.0000\text{E+}000$$

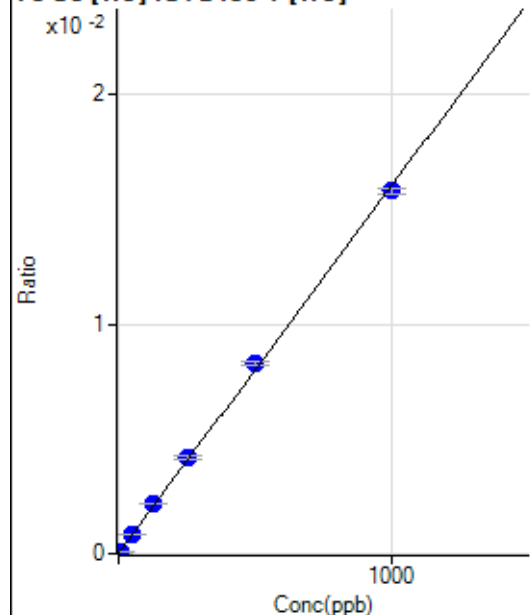
$$R = 0.9995$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	16.05	0.0000	P	6.3
2	☐	0.500					
3	☐	5.000	5.126	100.00	0.0001	P	11.2
4	☐	50.000	51.264	840.77	0.0008	P	5.3
5	☐	125.000	135.327	2093.38	0.0022	P	2.8
6	☐	250.000	259.126	3719.03	0.0042	P	3.4
7	☐	500.000	519.734	7180.85	0.0083	P	2.0
8	☐	1000.000	986.497	13484.11	0.0158	P	1.5
9	☐			19.75	0.0000	P	13.7

$$y = 1.6021\text{E-}005 * x + 1.5968\text{E-}005$$

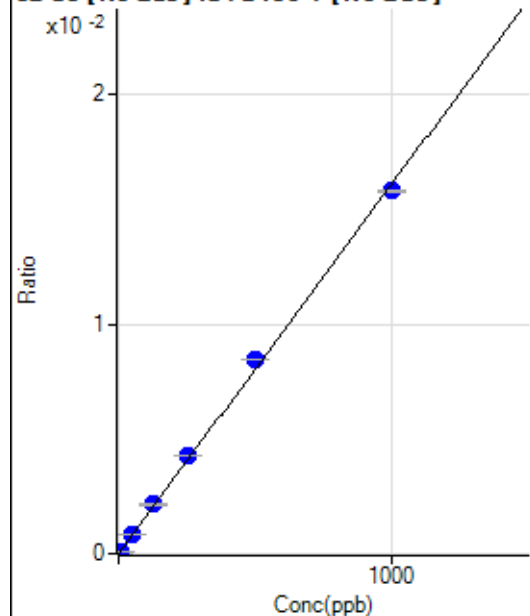
$$R = 0.9996$$

$$DL = 0.1898$$

$$BEC = 0.9967$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	-0.59	0.0000	P	-16287.
2	☐	0.500					
3	☐	5.000	6.034	856.97	0.0001	P	14.1
4	☐	50.000	52.912	7514.05	0.0009	P	1.3
5	☐	125.000	132.971	18197.51	0.0021	P	0.6
6	☐	250.000	263.862	34178.82	0.0042	P	0.2
7	☐	500.000	525.155	64576.92	0.0084	P	0.3
8	☐	1000.000	982.810	119469.97	0.0158	P	0.4
9	☐			65.63	0.0000	P	55.9

$$y = 1.6089\text{E-}005 * x - 5.0030\text{E-}008$$

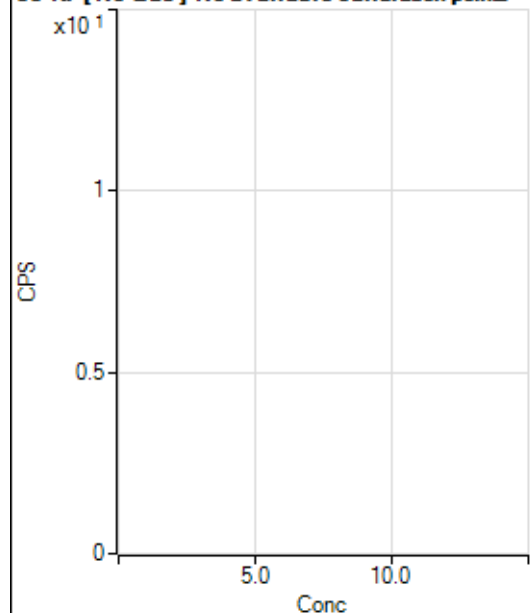
$$R = 0.9994$$

$$DL = 1.519$$

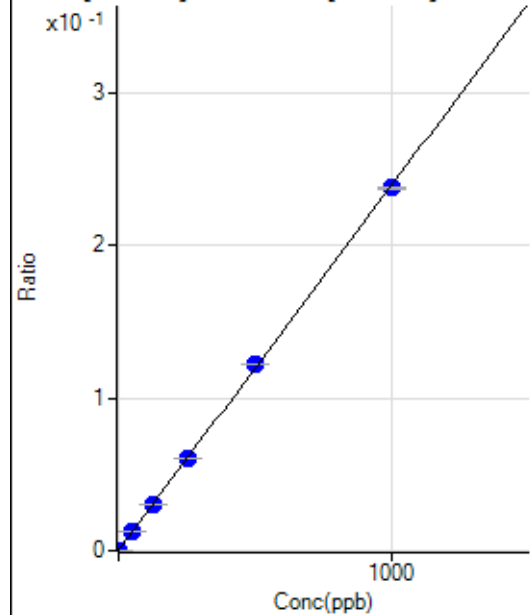
$$BEC = -0.00311$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			1446.76		P	2.2
2	☐						
3	☐			1382.31		P	6.1
4	☐			1402.31		P	1.7
5	☐			1352.31		P	3.0
6	☐			1262.30		P	4.8
7	☐			1156.73		P	1.8
8	☐			1132.29		P	4.0
9	☐			1272.30		P	1.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2383.64	0.0003	P	3.5
2	☐	0.100					
3	☐	1.000	0.887	4286.95	0.0005	P	4.1
4	☐	50.000	50.415	108759.98	0.0123	P	1.3
5	☐	125.000	126.256	258971.40	0.0304	P	0.9
6	☐	250.000	253.086	489140.43	0.0608	P	0.6
7	☐	500.000	511.179	935721.95	0.1224	P	0.6
8	☐	1000.000	993.461	1795760.13	0.2377	P	0.7
9	☐			10017.74	0.0013	P	3.3

$$y = 2.3897E-004 * x + 2.7355E-004$$

$$R = 0.9999$$

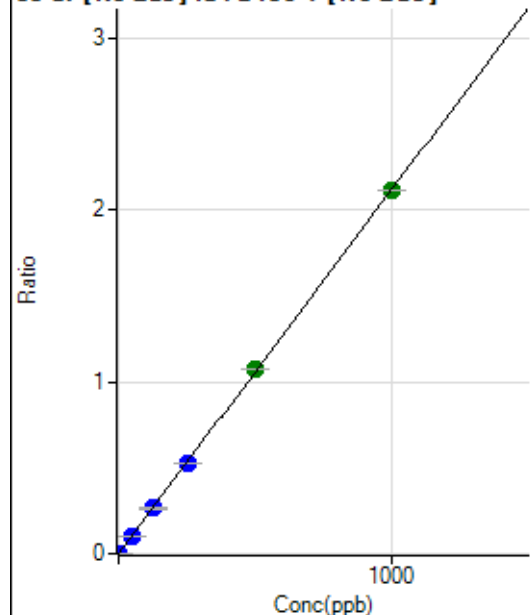
$$DL = 0.1196$$

$$BEC = 1.145$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	88.89	0.0000	P	19.6
2	☐	0.100					
3	☐	1.000	0.987	18537.65	0.0021	P	2.8
4	☐	50.000	49.783	930379.08	0.1054	P	0.5
5	☐	125.000	124.393	2240237.29	0.2634	P	0.7
6	☐	250.000	248.856	4241898.32	0.5269	P	0.2
7	☐	500.000	505.905	8186327.01	1.0711	A	0.2
8	☐	1000.000	997.420	15954744.28	2.1117	A	0.1
9	☐			68525.13	0.0087	P	1.3

$$y = 0.0021 * x + 1.0202E-005$$

$$R = 1.0000$$

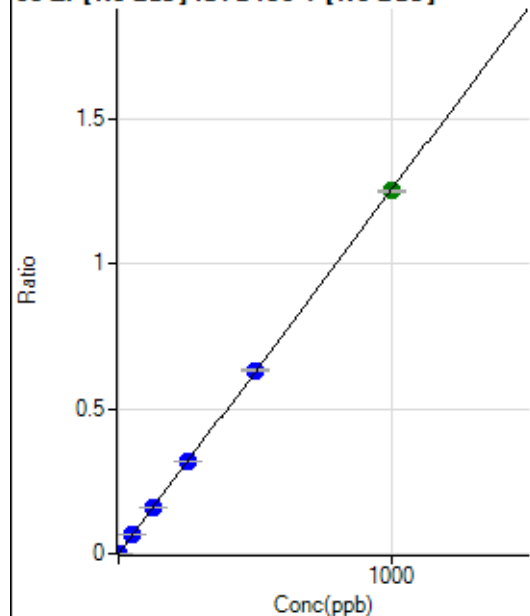
$$DL = 0.002829$$

$$BEC = 0.004819$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	702.82	0.0001	P	2.9
2	☐	0.100					
3	☐	1.000	0.905	10732.18	0.0012	P	2.6
4	☐	50.000	50.422	558603.96	0.0633	P	0.4
5	☐	125.000	127.199	1356952.89	0.1595	P	0.9
6	☐	250.000	251.981	2543758.30	0.3160	P	0.1
7	☐	500.000	503.972	4829020.07	0.6318	P	0.4
8	☐	1000.000	997.223	9445283.11	1.2502	A	0.6
9	☐			3286.62	0.0004	P	1.4

$$y = 0.0013 * x + 8.0659E-005$$

$$R = 1.0000$$

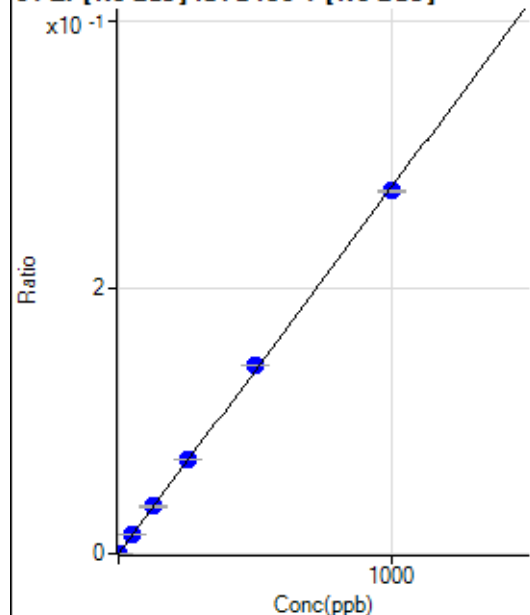
$$DL = 0.005526$$

$$BEC = 0.06434$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	116.67	0.0000	P	24.7
2	☐	0.100					
3	☐	1.000	0.959	2450.31	0.0003	P	2.3
4	☐	50.000	51.987	126521.74	0.0143	P	0.7
5	☐	125.000	129.245	302941.04	0.0356	P	1.5
6	☐	250.000	256.418	568794.50	0.0706	P	0.2
7	☐	500.000	514.954	1084267.06	0.1419	P	0.7
8	☐	1000.000	990.289	2061104.15	0.2728	P	0.7
9	☐			741.72	0.0001	P	21.9

$$y = 2.7547\text{E-}004 * x + 1.3387\text{E-}005$$

$$R = 0.9998$$

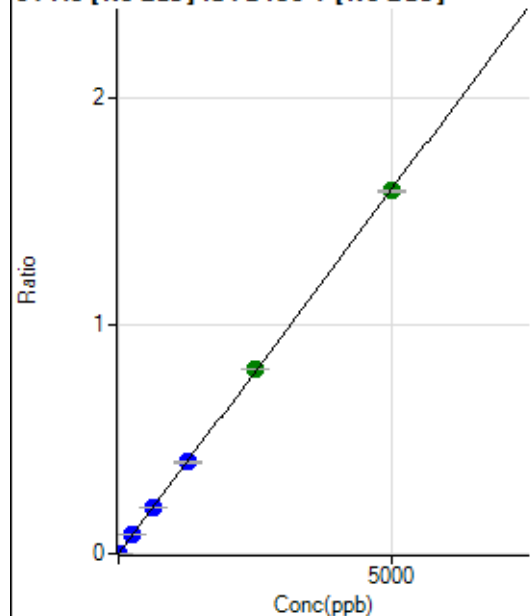
$$DL = 0.03595$$

$$BEC = 0.0486$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	244.46	0.0000	P	10.2
2	☐	0.500					
3	☐	5.000	4.727	13562.52	0.0015	P	2.3
4	☐	250.000	253.239	713346.93	0.0808	P	0.9
5	☐	625.000	629.532	1708562.91	0.2009	P	0.7
6	☐	1250.000	1256.259	3226890.96	0.4008	P	0.7
7	☐	2500.000	2533.585	6177810.12	0.8083	A	0.4
8	☐	5000.000	4980.915	12005872.40	1.5891	A	0.7
9	☐			10612.72	0.0013	P	1.3

$$y = 3.1903\text{E-}004 * x + 2.8061\text{E-}005$$

$$R = 1.0000$$

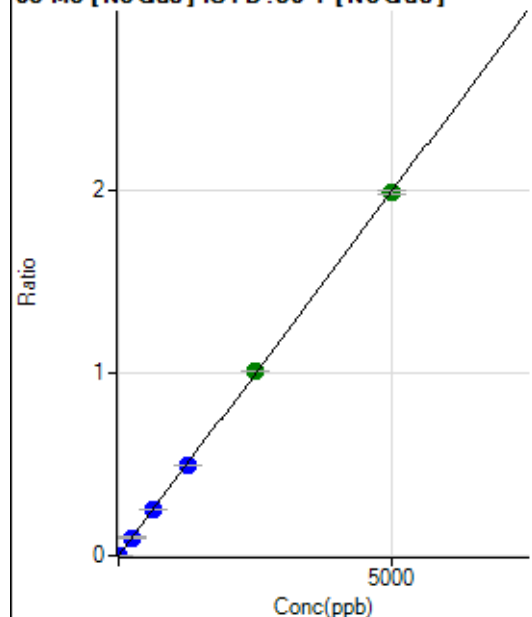
$$DL = 0.0268$$

$$BEC = 0.08796$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	58.34	0.0000	P	42.9
2	☐	0.500					
3	☐	5.000	4.797	16949.56	0.0019	P	2.2
4	☐	250.000	250.453	881599.62	0.0999	P	0.5
5	☐	625.000	625.033	2120116.89	0.2493	P	1.0
6	☐	1250.000	1247.343	4004584.68	0.4974	P	0.9
7	☐	2500.000	2532.538	7718687.33	1.0099	A	0.1
8	☐	5000.000	4984.369	15016858.67	1.9876	A	1.0
9	☐			16081.90	0.0020	P	3.1

$$y = 3.9877\text{E-}004 * x + 6.6935\text{E-}006$$

$$R = 1.0000$$

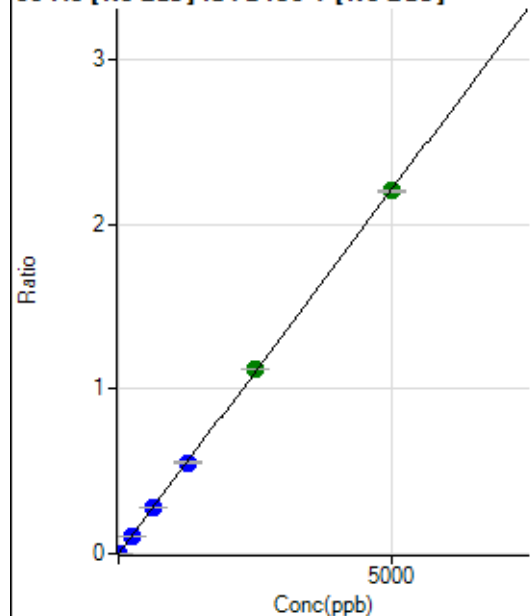
$$DL = 0.02159$$

$$BEC = 0.01679$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	86.12	0.0000	P	47.8
2	☐	0.500					
3	☐	5.000	4.828	18918.81	0.0021	P	2.3
4	☐	250.000	250.396	976356.36	0.1106	P	0.4
5	☐	625.000	626.126	2352629.78	0.2766	P	0.9
6	☐	1250.000	1249.303	4442936.78	0.5519	P	1.0
7	☐	2500.000	2529.294	8539272.59	1.1173	A	0.1
8	☐	5000.000	4985.367	16638266.00	2.2022	A	0.4
9	☐			17553.02	0.0022	P	1.7

$$y = 4.4173\text{E-}004 * x + 9.8852\text{E-}006$$

$$R = 1.0000$$

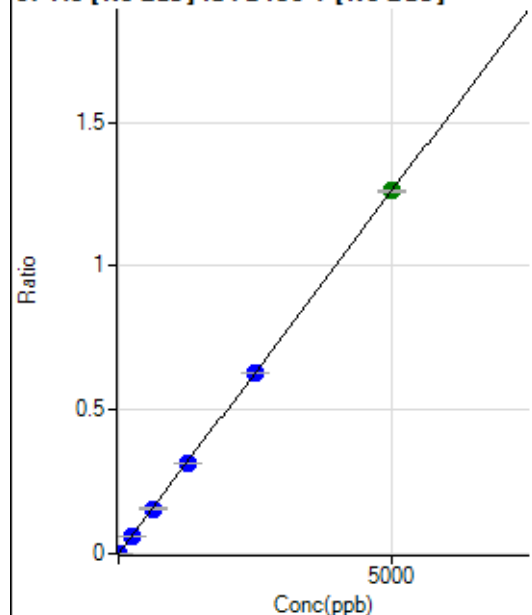
$$DL = 0.03212$$

$$BEC = 0.02238$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	27.78	0.0000	P	62.6
2	☐	0.500					
3	☐	5.000	4.768	10637.76	0.0012	P	3.9
4	☐	250.000	248.751	553393.39	0.0627	P	1.2
5	☐	625.000	623.109	1335773.38	0.1570	P	1.2
6	☐	1250.000	1248.338	2532968.26	0.3146	P	0.4
7	☐	2500.000	2491.547	4799255.49	0.6279	P	0.2
8	☐	5000.000	5004.941	9530137.28	1.2614	A	0.3
9	☐			10181.80	0.0013	P	5.4

$$y = 2.5203\text{E-}004 * x + 3.1923\text{E-}006$$

$$R = 1.0000$$

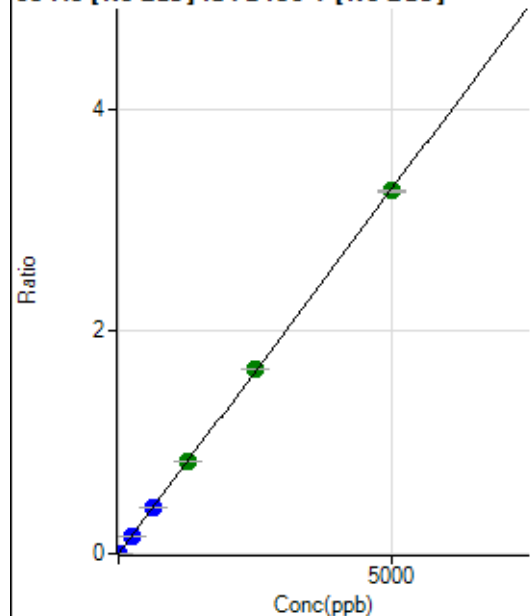
$$DL = 0.0238$$

$$BEC = 0.01267$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	144.45	0.0000	P	7.0
2	☐	0.500					
3	☐	5.000	4.898	28496.08	0.0032	P	0.6
4	☐	250.000	250.021	1447025.30	0.1639	P	0.4
5	☐	625.000	624.821	3484643.09	0.4097	P	0.9
6	☐	1250.000	1260.674	6654645.89	0.8266	A	0.7
7	☐	2500.000	2537.060	12713112.87	1.6634	A	0.5
8	☐	5000.000	4978.823	24663067.57	3.2643	A	0.4
9	☐			26706.44	0.0034	P	2.3

$$y = 6.5564\text{E-}004 * x + 1.6580\text{E-}005$$

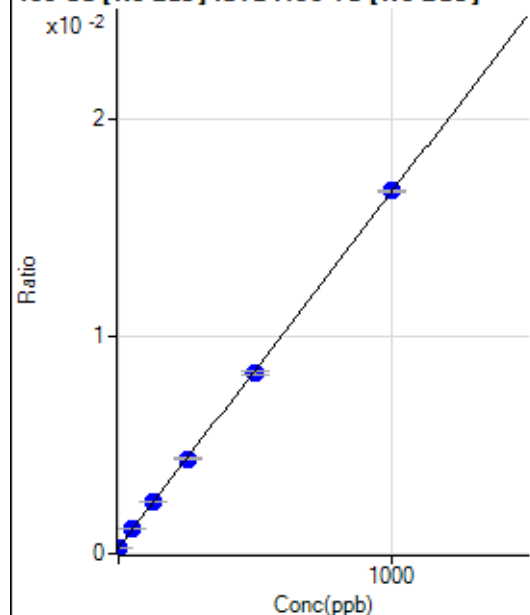
$$R = 1.0000$$

$$DL = 0.005298$$

$$BEC = 0.02529$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	4156.33	0.0003	P	4.4
2	☐	0.100					
3	☐	1.000	0.760	4331.39	0.0003	P	4.7
4	☐	50.000	54.466	17542.06	0.0012	P	1.5
5	☐	125.000	129.671	35091.50	0.0024	P	0.9
6	☐	250.000	250.239	61938.84	0.0044	P	0.8
7	☐	500.000	490.993	114700.23	0.0083	P	1.9
8	☐	1000.000	1003.637	229224.76	0.0167	P	0.3
9	☐			3834.01	0.0003	P	5.1

$$y = 1.6384\text{E-}005 * x + 2.7960\text{E-}004$$

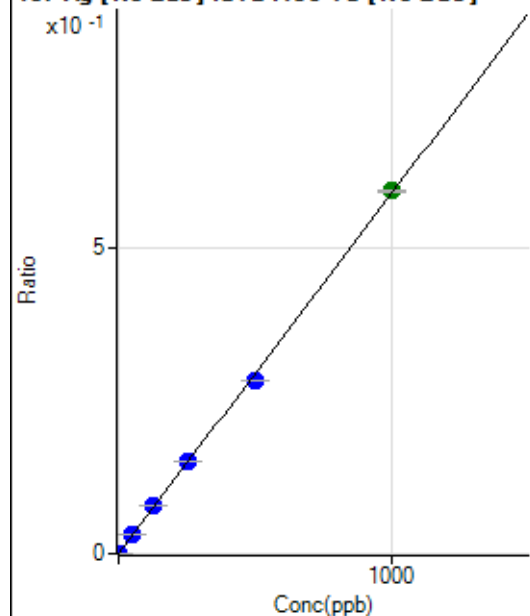
$$R = 0.9999$$

$$DL = 2.246$$

$$BEC = 17.06$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	113.89	0.0000	P	47.5
2	☐	0.100					
3	☐	1.000	1.093	9673.13	0.0007	P	1.9
4	☐	50.000	53.902	475786.31	0.0318	P	0.6
5	☐	125.000	132.218	1137807.72	0.0780	P	1.5
6	☐	250.000	254.993	2126424.81	0.1504	P	0.5
7	☐	500.000	481.026	3908095.05	0.2836	P	0.4
8	☐	1000.000	1007.141	8139337.25	0.5938	A	0.7
9	☐			1644.61	0.0001	P	4.8

$$y = 5.8961\text{E-}004 * x + 7.6699\text{E-}006$$

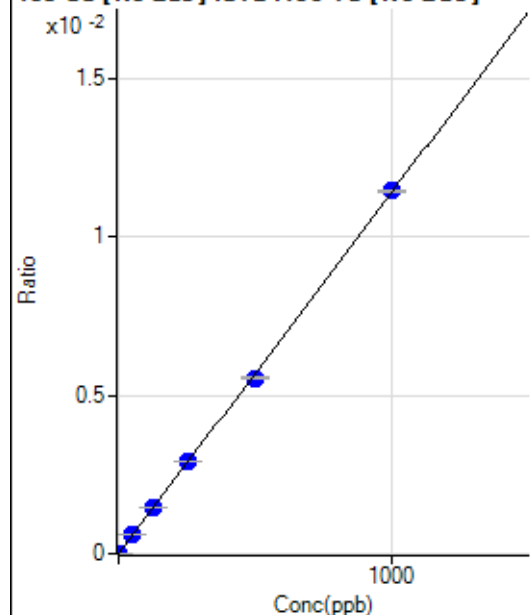
$$R = 0.9997$$

$$DL = 0.01853$$

$$BEC = 0.01301$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	8.33	0.0000	P	132.3
2	☐	0.100					
3	☐	1.000	1.118	197.23	0.0000	P	20.0
4	☐	50.000	51.900	8862.66	0.0006	P	2.2
5	☐	125.000	127.387	21200.87	0.0015	P	1.8
6	☐	250.000	254.721	41074.99	0.0029	P	1.1
7	☐	500.000	486.746	76464.58	0.0055	P	1.0
8	☐	1000.000	1005.053	157047.69	0.0115	P	0.4
9	☐			68.05	0.0000	P	25.9

$$y = 1.1400\text{E-}005 * x + 5.5972\text{E-}007$$

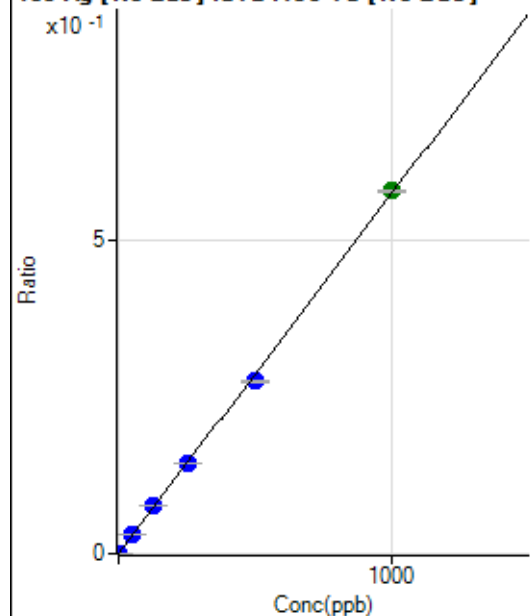
$$R = 0.9999$$

$$DL = 0.1949$$

$$BEC = 0.0491$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	44.7
2	☐	0.100					
3	☐	1.000	1.069	9136.64	0.0006	P	3.4
4	☐	50.000	53.151	456133.63	0.0305	P	1.0
5	☐	125.000	131.475	1100235.63	0.0754	P	0.4
6	☐	250.000	252.875	2050514.50	0.1450	P	0.5
7	☐	500.000	479.921	3791461.76	0.2752	P	0.9
8	☐	1000.000	1008.354	7924290.11	0.5781	A	0.8
9	☐			1486.26	0.0001	P	7.1

$$y = 5.7334\text{E-}004 * x + 3.1787\text{E-}006$$

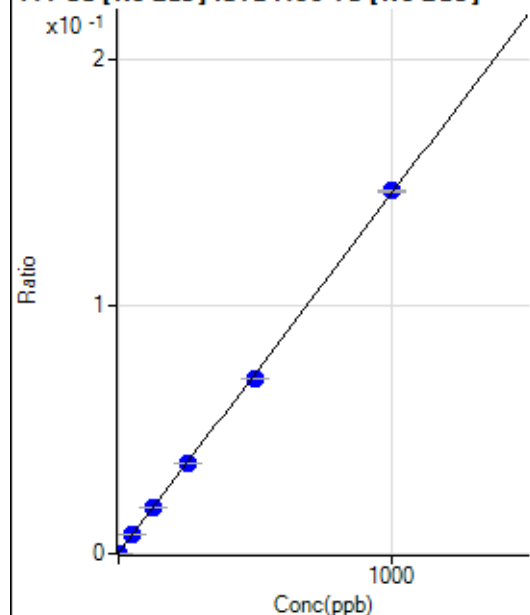
$$R = 0.9997$$

$$DL = 0.007433$$

$$BEC = 0.005544$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2916.10	0.0002	P	4.8
2	☐	0.100					
3	☐	1.000	0.956	4971.89	0.0003	P	3.9
4	☐	50.000	51.564	115177.28	0.0077	P	0.6
5	☐	125.000	128.521	275652.15	0.0189	P	1.0
6	☐	250.000	248.703	514329.37	0.0364	P	0.5
7	☐	500.000	484.382	973378.68	0.0706	P	0.2
8	☐	1000.000	1007.615	2011279.78	0.1467	P	0.6
9	☐			2994.52	0.0002	P	3.9

$$y = 1.4543\text{E-}004 * x + 1.9617\text{E-}004$$

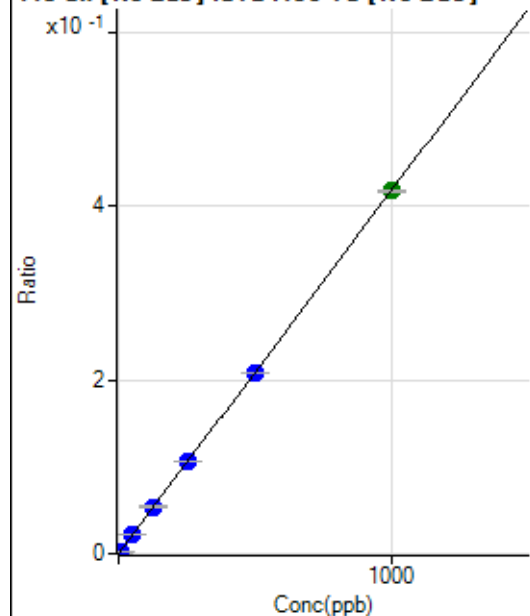
$$R = 0.9998$$

$$DL = 0.1925$$

$$BEC = 1.349$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	655.60	0.0000	P	13.3
2	☐	0.500					
3	☐	5.000	5.341	33789.36	0.0023	P	2.7
4	☐	50.000	52.257	327830.51	0.0219	P	1.0
5	☐	125.000	129.261	789811.29	0.0541	P	1.2
6	☐	250.000	255.698	1513353.69	0.1070	P	0.6
7	☐	500.000	498.253	2872520.16	0.2085	P	0.3
8	☐	1000.000	998.802	5727350.30	0.4179	A	0.3
9	☐			3461.73	0.0003	P	1.7

$$y = 4.1831\text{E-}004 * x + 4.4086\text{E-}005$$

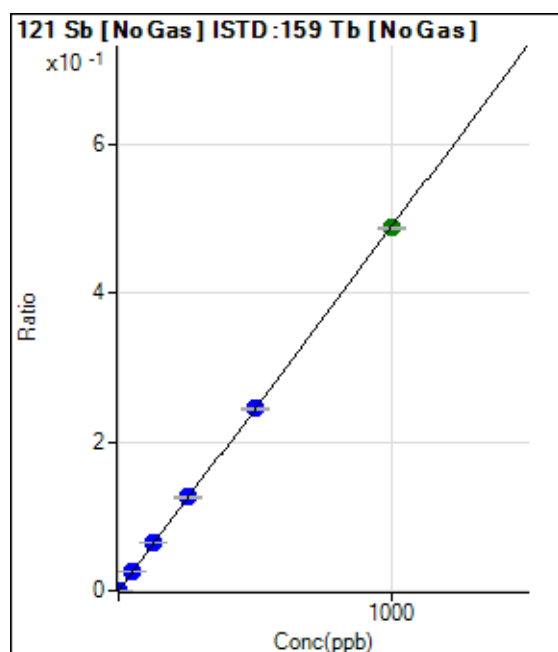
$$R = 1.0000$$

$$DL = 0.04197$$

$$BEC = 0.1054$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	77.78	0.0000	P	38.0
2	☐	0.200					
3	☐	2.000	2.008	14644.39	0.0010	P	1.7
4	☐	50.000	51.883	379834.29	0.0254	P	0.2
5	☐	125.000	130.088	928601.21	0.0636	P	0.4
6	☐	250.000	256.313	1772928.71	0.1254	P	0.5
7	☐	500.000	501.663	3380579.39	0.2453	P	1.1
8	☐	1000.000	996.860	6682146.38	0.4875	A	0.4
9	☐			10807.36	0.0008	P	3.4

$$y = 4.8905\text{E-}004 * x + 5.2372\text{E-}006$$

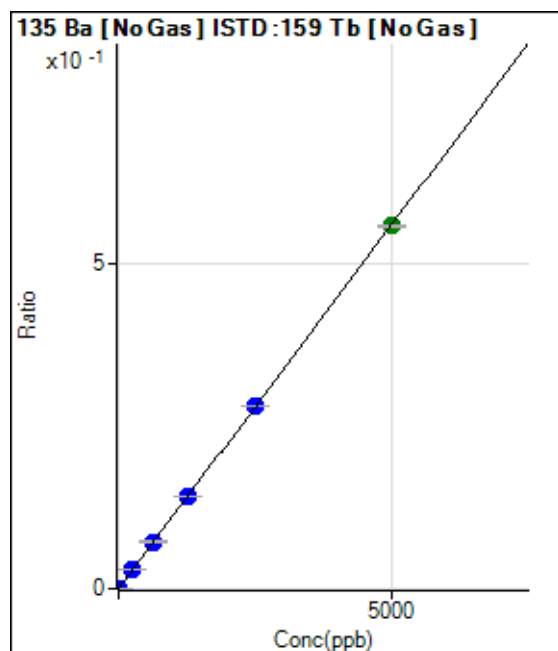
$$R = 1.0000$$

$$DL = 0.01222$$

$$BEC = 0.01071$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	47.22	0.0000	P	36.7
2	☐	1.000					
3	☐	10.000	10.320	17211.27	0.0012	P	2.3
4	☐	250.000	259.809	435997.92	0.0291	P	0.6
5	☐	625.000	645.888	1056866.47	0.0724	P	1.1
6	☐	1250.000	1272.833	2018312.13	0.1427	P	0.2
7	☐	2500.000	2509.450	3876699.43	0.2813	P	0.5
8	☐	5000.000	4986.465	7662674.48	0.5591	A	0.4
9	☐			1569.60	0.0001	P	3.9

$$y = 1.1211\text{E-}004 * x + 3.1765\text{E-}006$$

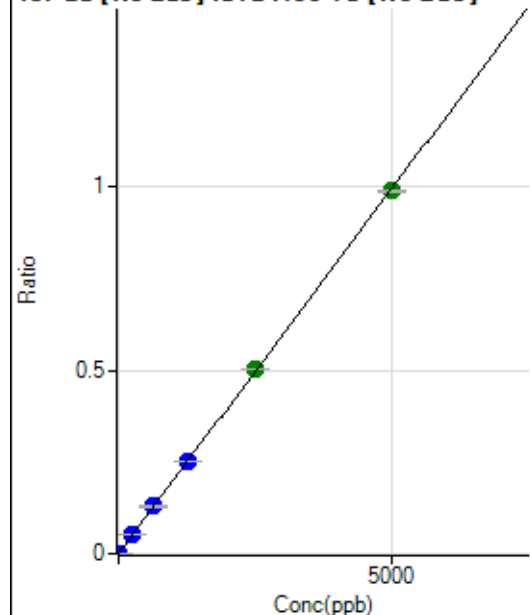
$$R = 1.0000$$

$$DL = 0.03119$$

$$BEC = 0.02833$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	33.33	0.0000	P	43.2
2	☐	1.000					
3	☐	10.000	10.554	31194.27	0.0021	P	0.4
4	☐	250.000	259.660	773516.10	0.0517	P	0.8
5	☐	625.000	646.837	1878973.65	0.1287	P	0.7
6	☐	1250.000	1269.748	3574204.72	0.2527	P	0.4
7	☐	2500.000	2532.666	6945692.26	0.5041	A	0.8
8	☐	5000.000	4975.516	13573110.63	0.9903	A	0.8
9	☐			2836.53	0.0002	P	6.8

$$y = 1.9903E-004 * x + 2.2416E-006$$

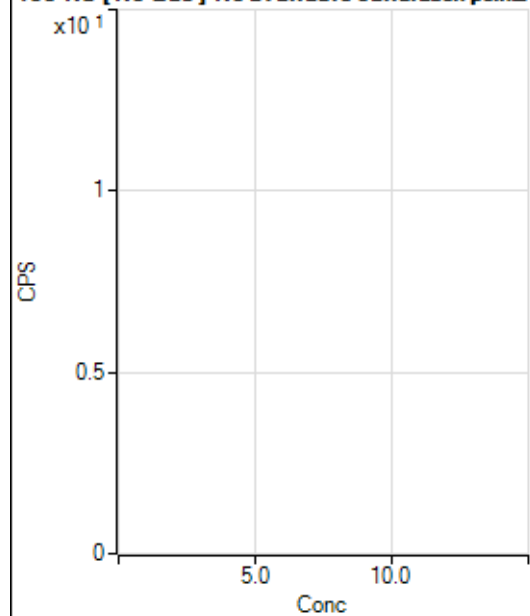
$$R = 1.0000$$

$$DL = 0.0146$$

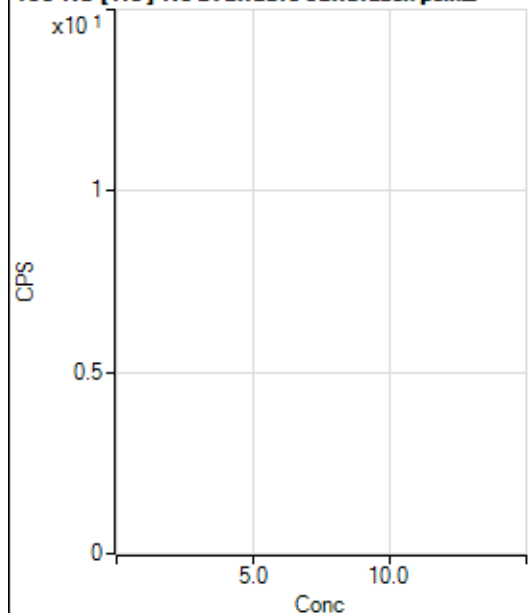
$$BEC = 0.01126$$

Weight: <None>

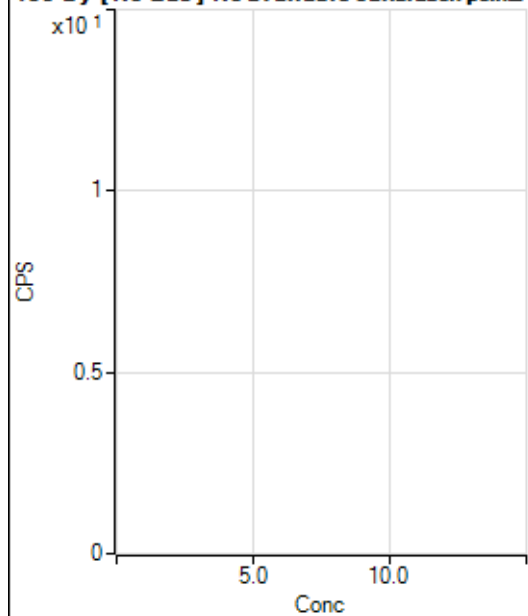
Min Conc: 0

150 Nd [No Gas] No available calibration points

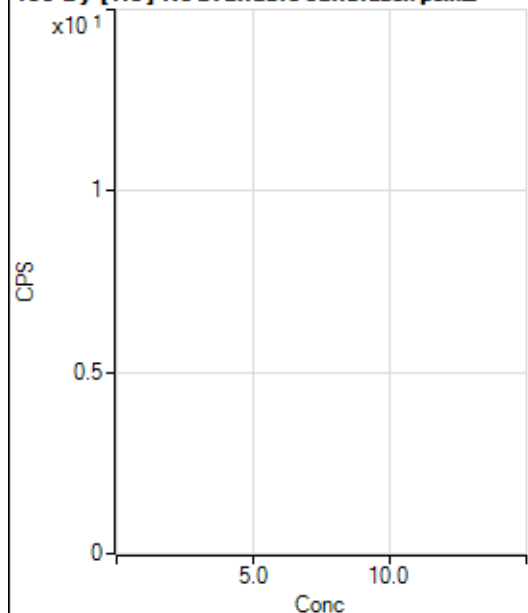
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			6.67		P	173.2
2	☐						
3	☐			6.67		P	100.0
4	☐			55.56		P	18.3
5	☐			113.34		P	27.0
6	☐			195.57		P	27.6
7	☐			460.03		P	11.5
8	☐			691.15		P	9.5
9	☐			135.56		P	15.8

150 Nd [He] No available calibration points

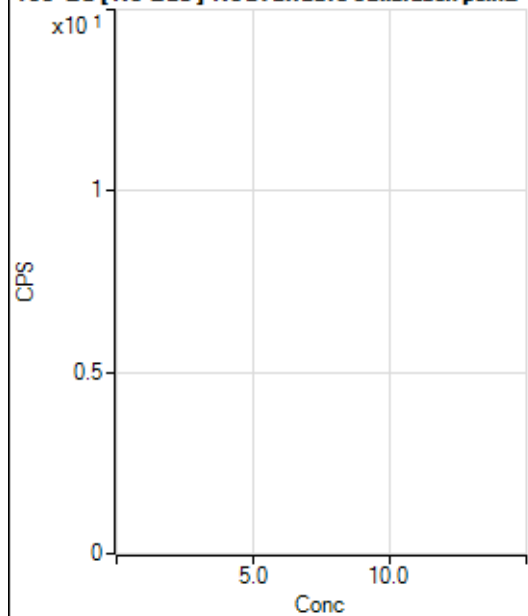
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			7.78		P	24.7
2	☐						
3	☐			5.56		P	91.6
4	☐			11.11		P	17.3
5	☐			13.33		P	25.0
6	☐			10.00		P	33.3
7	☐			52.22		P	20.5
8	☐			65.56		P	10.6
9	☐			42.22		P	37.3

156 Dy [No Gas] No available calibration points

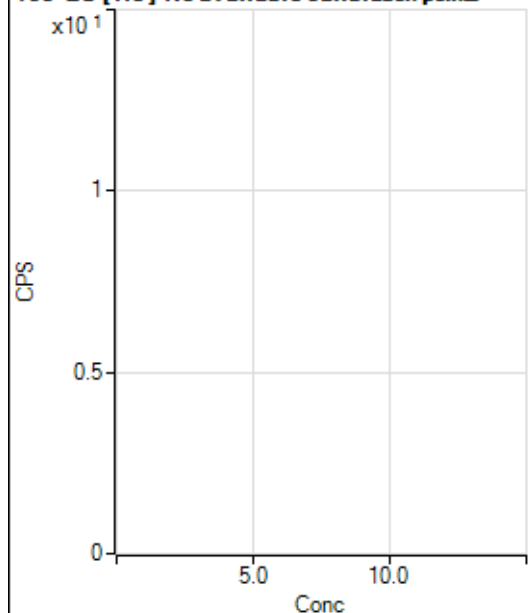
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			13.89		P	34.7
2	☐						
3	☐			38.89		P	53.9
4	☐			27.78		P	17.3
5	☐			50.00		P	50.0
6	☐			44.45		P	39.0
7	☐			180.56		P	11.6
8	☐			141.68		P	20.4
9	☐			58.33		P	24.7

156 Dy [He] No available calibration points

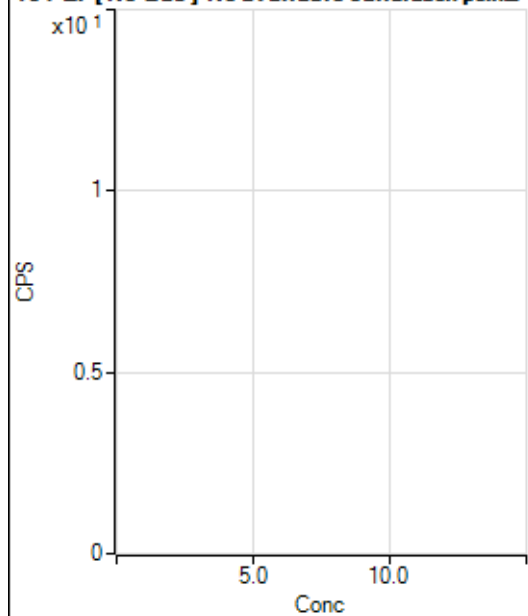
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			21.11		P	48.2
2	☐						
3	☐			21.11		P	32.9
4	☐			22.22		P	67.6
5	☐			40.00		P	30.0
6	☐			43.33		P	15.4
7	☐			96.67		P	6.0
8	☐			96.67		P	9.1
9	☐			35.56		P	27.1

160 Gd [No Gas] Noavailable calibration poin_

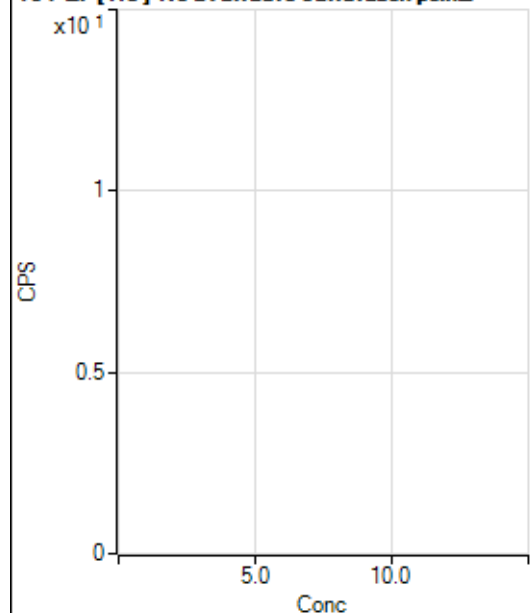
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			66.67		P	25.0
2	☐						
3	☐			77.78		P	49.5
4	☐			105.56		P	4.6
5	☐			97.23		P	32.5
6	☐			100.01		P	16.7
7	☐			119.45		P	4.0
8	☐			111.12		P	18.9
9	☐			127.78		P	27.2

160 Gd [He] No available calibration points

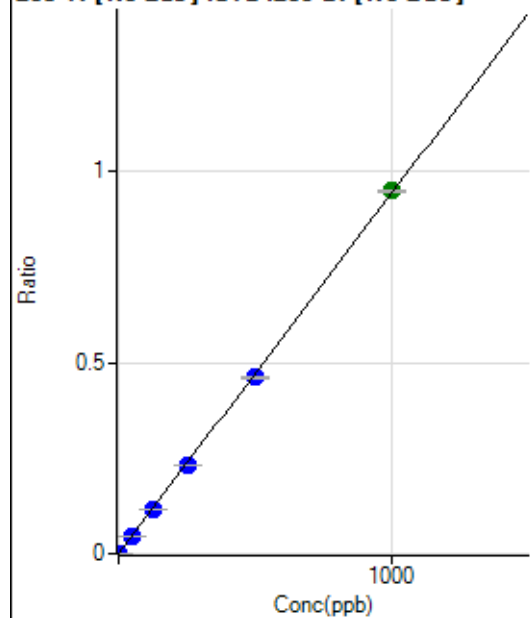
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			131.12		P	12.0
2	☐						
3	☐			108.89		P	14.5
4	☐			118.89		P	13.2
5	☐			123.34		P	18.9
6	☐			158.89		P	24.6
7	☐			171.12		P	7.9
8	☐			154.45		P	24.1
9	☐			147.78		P	18.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			44.45		P	28.7
2	☐						
3	☐			72.23		P	13.3
4	☐			77.78		P	30.9
5	☐			80.56		P	23.9
6	☐			94.45		P	45.3
7	☐			111.11		P	24.1
8	☐			72.23		P	24.0
9	☐			77.78		P	22.3

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐			77.78		P	27.6
2	☐						
3	☐			48.89		P	39.9
4	☐			50.00		P	13.3
5	☐			68.89		P	29.2
6	☐			47.78		P	31.5
7	☐			63.33		P	10.5
8	☐			64.45		P	26.0
9	☐			73.33		P	40.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	577.82	0.0001	P	10.2
2	☐	0.100					
3	☐	1.000	0.952	10240.48	0.0010	P	4.2
4	☐	50.000	48.710	495699.05	0.0460	P	0.4
5	☐	125.000	121.453	1210929.07	0.1147	P	0.4
6	☐	250.000	245.446	2348525.51	0.2317	P	0.6
7	☐	500.000	489.523	4529595.72	0.4621	P	1.5
8	☐	1000.000	1006.885	9008294.73	0.9503	A	0.7
9	☐			3753.48	0.0004	P	2.3

$$y = 9.4379E-004 * x + 5.3952E-005$$

$$R = 0.9999$$

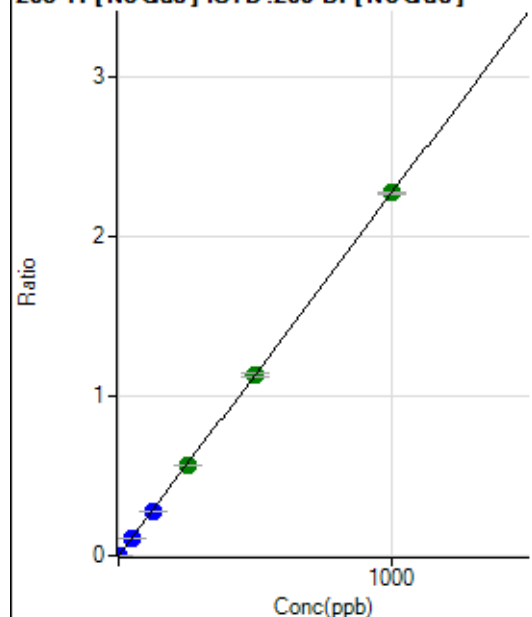
$$DL = 0.01745$$

$$BEC = 0.05717$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	802.84	0.0001	P	6.2
2	☐	0.100					
3	☐	1.000	0.957	24170.07	0.0022	P	3.3
4	☐	50.000	49.004	1198888.29	0.1113	P	0.7
5	☐	125.000	121.660	2916726.91	0.2762	P	1.0
6	☐	250.000	247.241	5689472.96	0.5613	A	0.1
7	☐	500.000	499.913	11125065.18	1.1349	A	1.9
8	☐	1000.000	1001.200	21543765.76	2.2728	A	0.6
9	☐			8088.92	0.0009	P	8.3

$$y = 0.0023 * x + 7.4954E-005$$

$$R = 1.0000$$

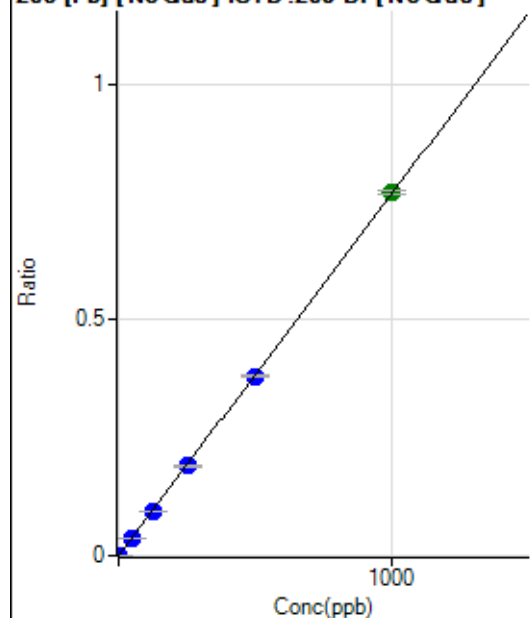
$$DL = 0.006155$$

$$BEC = 0.03302$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	887.09	0.0001	P	4.6
2	☐	0.100					
3	☐	1.000	0.965	8843.96	0.0008	P	3.0
4	☐	50.000	49.439	409027.72	0.0380	P	0.4
5	☐	125.000	123.334	999071.48	0.0946	P	0.3
6	☐	250.000	247.600	1924453.17	0.1899	P	0.8
7	☐	500.000	494.838	3718959.74	0.3794	P	1.2
8	☐	1000.000	1003.417	7291001.61	0.7692	A	1.0
9	☐			9496.28	0.0011	P	3.3

$$y = 7.6648E-004 * x + 8.2806E-005$$

$$R = 1.0000$$

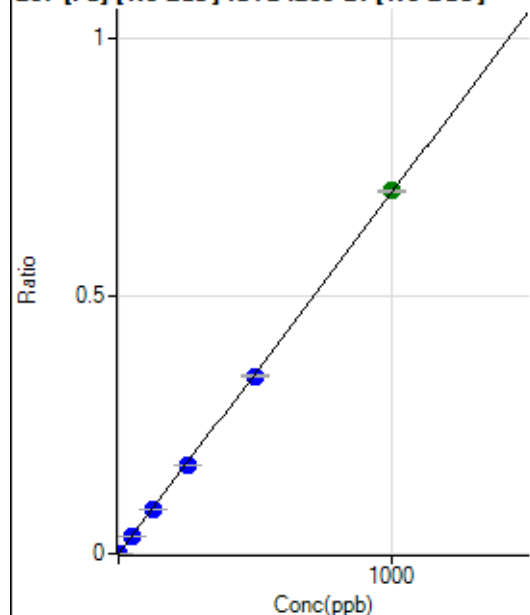
$$DL = 0.01505$$

$$BEC = 0.108$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	875.99	0.0001	P	2.3
2	☐	0.100					
3	☐	1.000	0.931	7895.14	0.0007	P	3.6
4	☐	50.000	48.892	370087.55	0.0344	P	0.2
5	☐	125.000	122.474	907608.77	0.0860	P	0.2
6	☐	250.000	246.281	1751106.55	0.1728	P	0.4
7	☐	500.000	492.359	3384985.87	0.3453	P	0.8
8	☐	1000.000	1005.121	6680994.88	0.7048	A	0.7
9	☐			8871.73	0.0010	P	2.6

$$y = 7.0115E-004 * x + 8.1768E-005$$

$$R = 0.9999$$

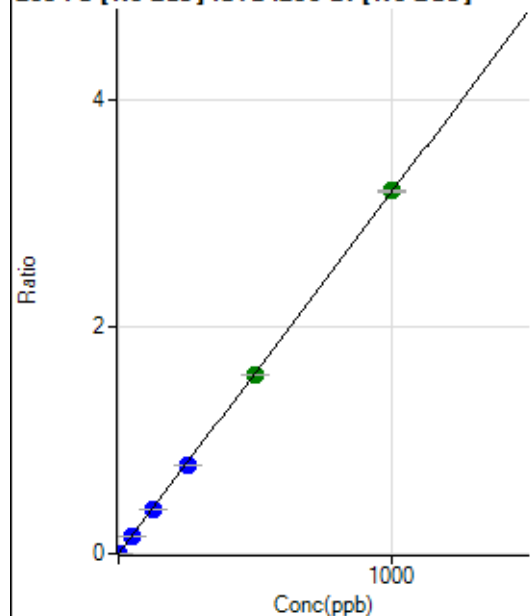
$$DL = 0.00796$$

$$BEC = 0.1166$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3005.76	0.0003	P	3.4
2	☐	0.100					
3	☐	1.000	0.949	35571.45	0.0033	P	1.1
4	☐	50.000	49.003	1686407.63	0.1566	P	0.2
5	☐	125.000	122.342	4123411.86	0.3905	P	0.3
6	☐	250.000	245.421	7937250.72	0.7831	P	0.6
7	☐	500.000	495.522	15496655.40	1.5808	A	0.6
8	☐	1000.000	1003.766	30350941.54	3.2019	A	0.5
9	☐			39166.25	0.0045	P	2.5

$$y = 0.0032 * x + 2.8060E-004$$

$$R = 1.0000$$

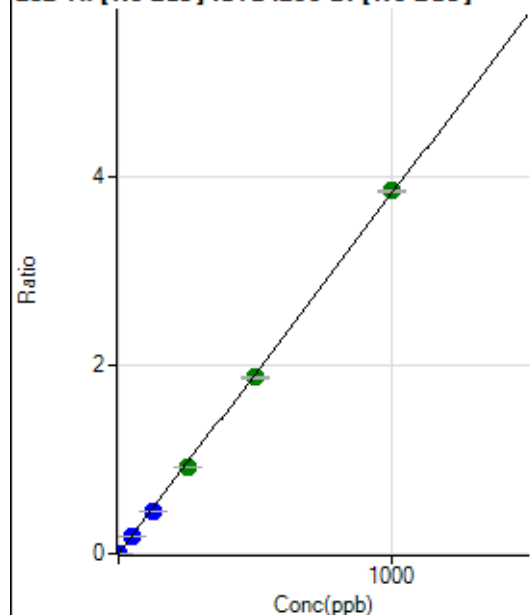
$$DL = 0.009035$$

$$BEC = 0.08797$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	2581.81	0.0002	P	3.4
2	☐	0.100					
3	☐	1.000	0.819	36176.44	0.0034	P	2.3
4	☐	50.000	46.144	1898059.91	0.1762	P	0.3
5	☐	125.000	116.070	4676763.01	0.4429	P	0.5
6	☐	250.000	240.612	9303816.41	0.9179	A	0.5
7	☐	500.000	490.264	18332176.80	1.8700	A	0.9
8	☐	1000.000	1008.524	36463226.74	3.8466	A	0.4
9	☐			10339.54	0.0012	P	3.0

$$y = 0.0038 * x + 2.4100E-004$$

$$R = 0.9999$$

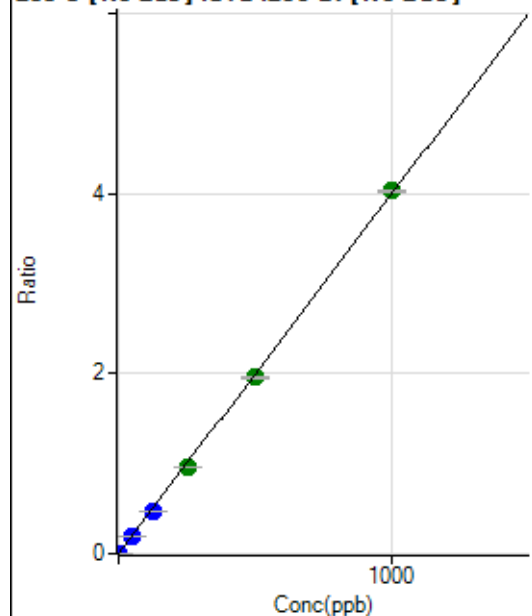
$$DL = 0.006456$$

$$BEC = 0.06319$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	0.000	0.000	3081.07	0.0003	P	7.0
2	☐	0.100					
3	☐	1.000	0.871	40466.63	0.0038	P	1.2
4	☐	50.000	46.693	2009959.66	0.1866	P	0.5
5	☐	125.000	116.562	4914849.37	0.4655	P	0.2
6	☐	250.000	238.962	9668690.75	0.9539	A	0.8
7	☐	500.000	490.473	19190821.26	1.9576	A	1.4
8	☐	1000.000	1008.743	38162116.13	4.0259	A	0.4
9	☐			7388.53	0.0008	P	3.5

$$y = 0.0040 * x + 2.8766E-004$$

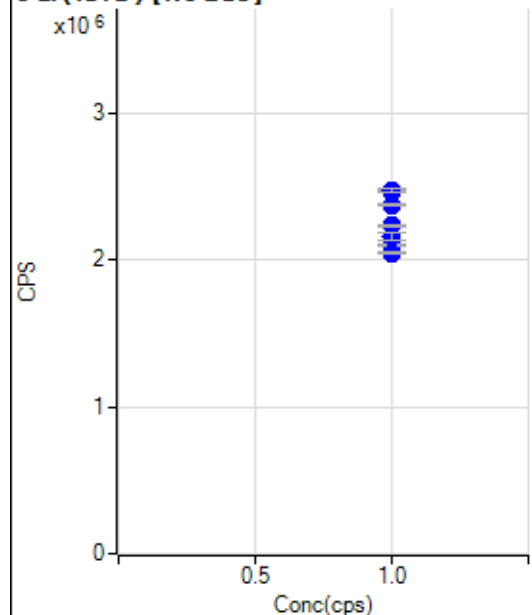
$$R = 0.9999$$

$$DL = 0.01505$$

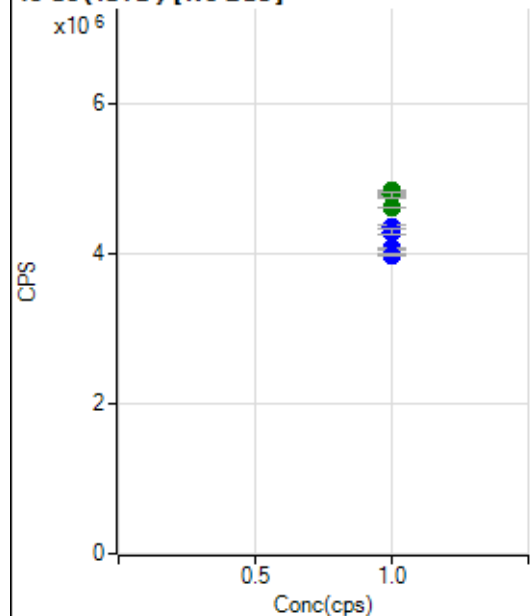
$$BEC = 0.07208$$

Weight: <None>

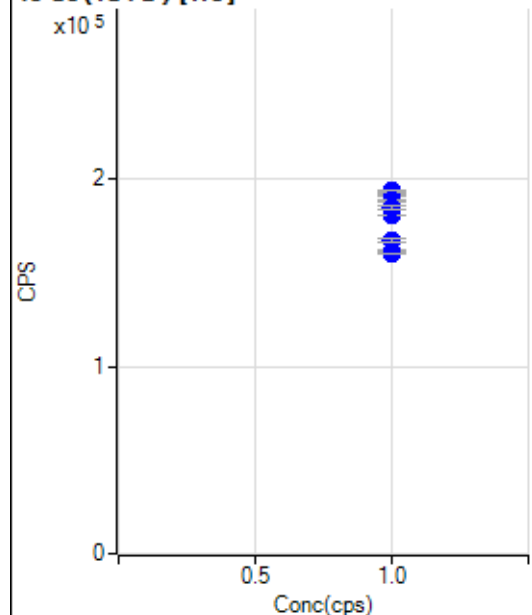
Min Conc: 0

6 Li (ISTD) [No Gas]

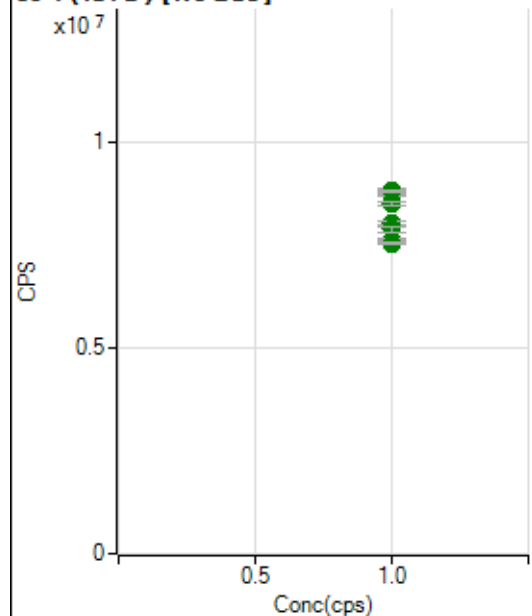
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		2459905.88		P	0.2
2	☐	1.000					
3	☐	1.000		2470867.91		P	0.5
4	☐	1.000		2471891.23		P	1.1
5	☐	1.000		2377206.07		P	0.5
6	☐	1.000		2235537.29		P	0.7
7	☐	1.000		2099989.15		P	0.5
8	☐	1.000		2047703.04		P	0.6
9	☐	1.000		2161816.13		P	2.3

45 Sc (ISTD) [No Gas]

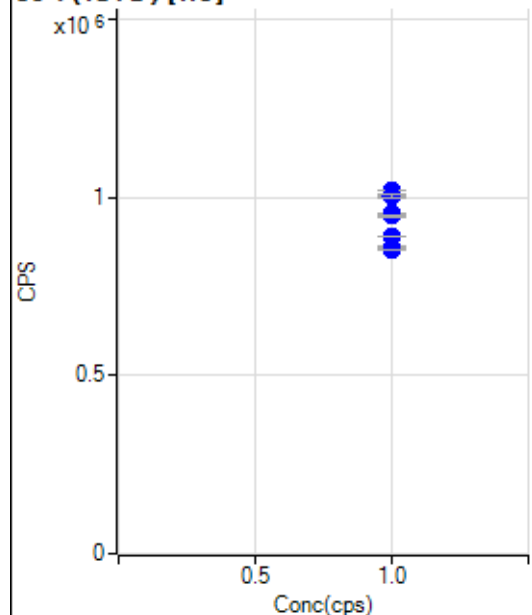
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4800963.91		A	0.6
2	☐	1.000					
3	☐	1.000		4847660.13		A	0.8
4	☐	1.000		4794574.67		A	1.3
5	☐	1.000		4620754.27		A	0.3
6	☐	1.000		4360350.36		P	1.1
7	☐	1.000		4084175.40		P	0.7
8	☐	1.000		3994955.25		P	0.6
9	☐	1.000		4303017.76		P	2.3

45 Sc (ISTD) [He]

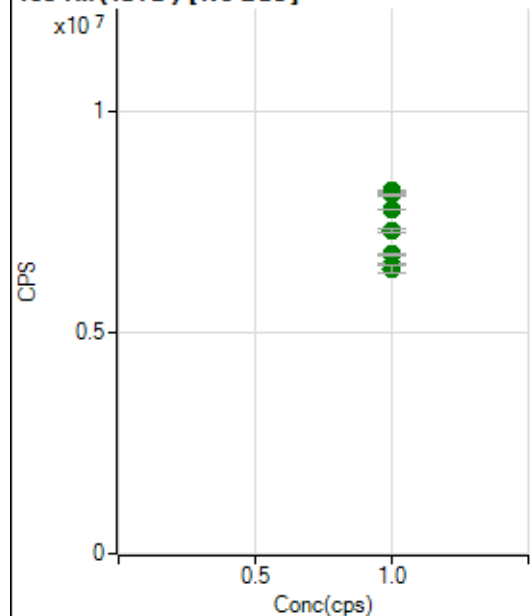
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		191790.31		P	0.3
2	☐	1.000					
3	☐	1.000		193729.56		P	0.8
4	☐	1.000		188639.78		P	0.7
5	☐	1.000		180708.35		P	0.0
6	☐	1.000		167239.15		P	1.1
7	☐	1.000		161649.63		P	0.9
8	☐	1.000		159919.83		P	0.2
9	☐	1.000		184802.56		P	1.2

89 Y (ISTD) [No Gas]

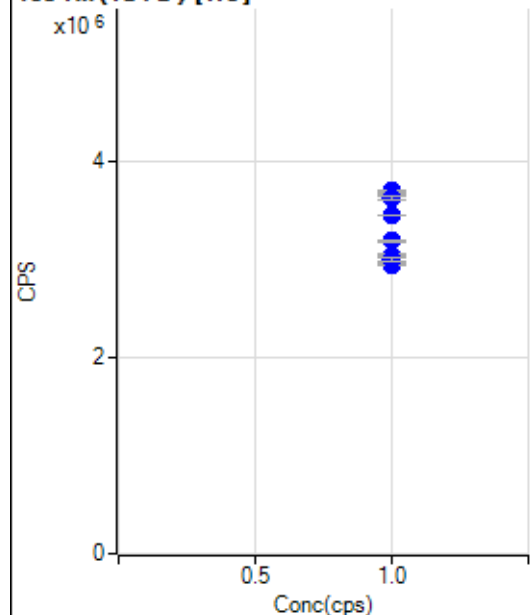
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8713708.41		A	0.3
2	☐	1.000					
3	☐	1.000		8828395.91		A	0.9
4	☐	1.000		8826451.26		A	0.5
5	☐	1.000		8506261.82		A	0.8
6	☐	1.000		8051034.95		A	0.7
7	☐	1.000		7642903.08		A	0.6
8	☐	1.000		7555385.93		A	0.6
9	☐	1.000		7894549.12		A	1.7

89 Y(ISTD) [He]

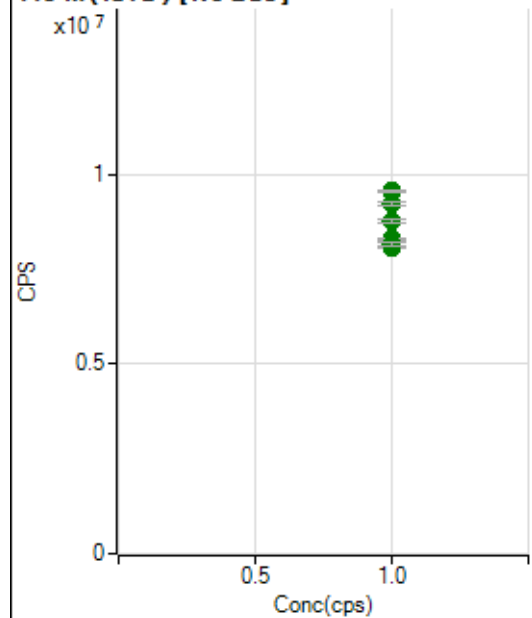
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1004960.55		P	0.4
2	☐	1.000					
3	☐	1.000		1019382.98		P	0.1
4	☐	1.000		1004549.99		P	1.0
5	☐	1.000		958506.61		P	0.0
6	☐	1.000		892458.23		P	0.3
7	☐	1.000		860830.78		P	0.7
8	☐	1.000		852342.24		P	0.3
9	☐	1.000		949354.48		P	0.8

103 Rh(ISTD) [No Gas]

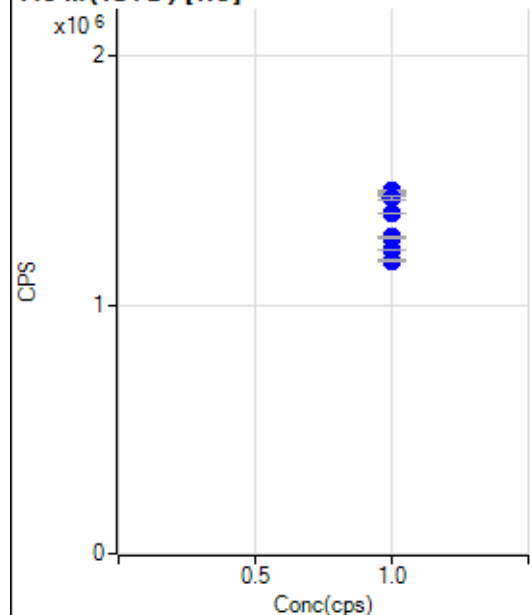
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		8194715.89		A	0.2
2	☐	1.000					
3	☐	1.000		8190717.55		A	0.2
4	☐	1.000		8103869.28		A	0.7
5	☐	1.000		7780002.95		A	0.4
6	☐	1.000		7294682.72		A	1.3
7	☐	1.000		6768778.93		A	0.7
8	☐	1.000		6523735.65		A	0.6
9	☐	1.000		6423642.11		A	2.5

103 Rh (ISTD) [He]

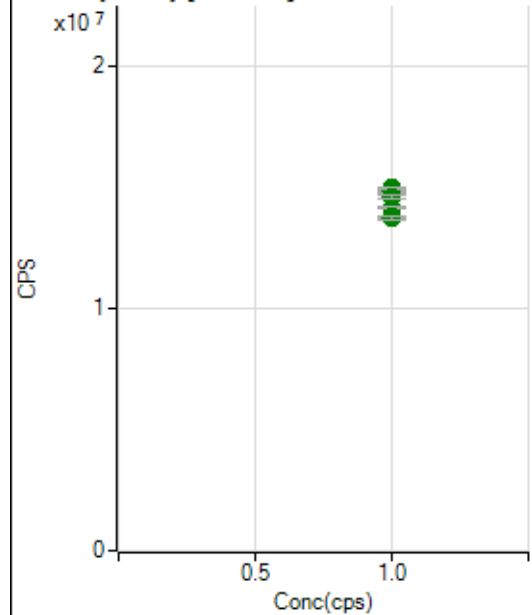
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		3662337.48		P	0.6
2	☐	1.000					
3	☐	1.000		3693314.32		P	0.3
4	☐	1.000		3615237.48		P	1.1
5	☐	1.000		3445284.53		P	0.3
6	☐	1.000		3183950.33		P	0.4
7	☐	1.000		3037875.30		P	0.6
8	☐	1.000		2940915.65		P	0.6
9	☐	1.000		2998082.94		P	1.1

115 In (ISTD) [No Gas]

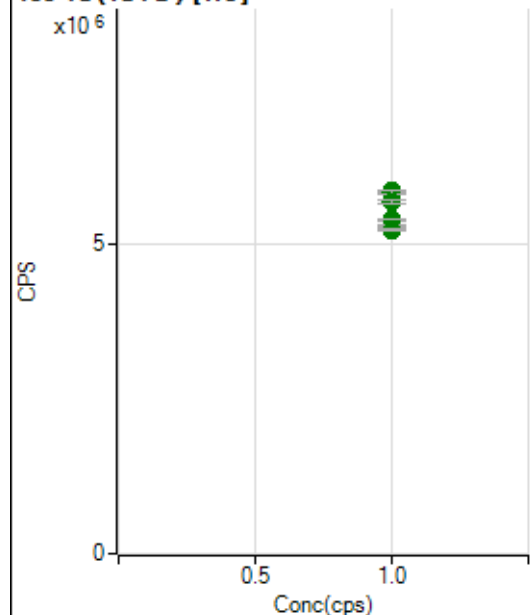
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		9531407.43		A	0.5
2	☐	1.000					
3	☐	1.000		9555536.78		A	0.7
4	☐	1.000		9562613.41		A	0.6
5	☐	1.000		9226328.22		A	0.7
6	☐	1.000		8754319.80		A	1.0
7	☐	1.000		8302528.22		A	0.7
8	☐	1.000		8072412.53		A	0.5
9	☐	1.000		8161791.07		A	1.5

115 In (ISTD) [He]

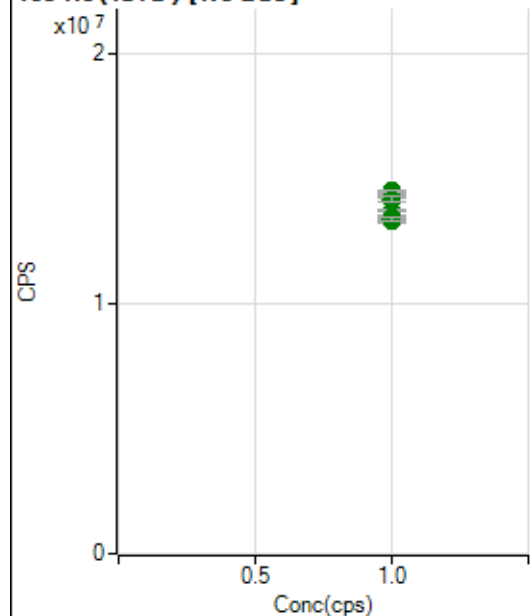
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		1440279.84		P	0.5
2	☐	1.000					
3	☐	1.000		1457423.15		P	0.4
4	☐	1.000		1428778.00		P	1.0
5	☐	1.000		1367643.33		P	0.3
6	☐	1.000		1273175.72		P	0.5
7	☐	1.000		1220969.54		P	0.2
8	☐	1.000		1178021.76		P	0.4
9	☐	1.000		1270115.68		P	0.8

159 Tb (ISTD) [No Gas]

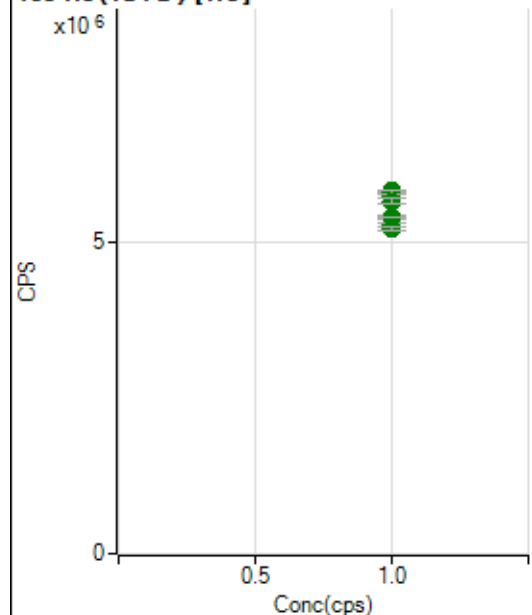
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14867064.78		A	0.4
2	☐	1.000					
3	☐	1.000		14833921.17		A	1.2
4	☐	1.000		14966958.67		A	0.7
5	☐	1.000		14595369.92		A	1.1
6	☐	1.000		14143093.12		A	0.8
7	☐	1.000		13779081.04		A	0.1
8	☐	1.000		13706640.77		A	0.4
9	☐	1.000		13725908.13		A	1.2

159 Tb (ISTD) [He]

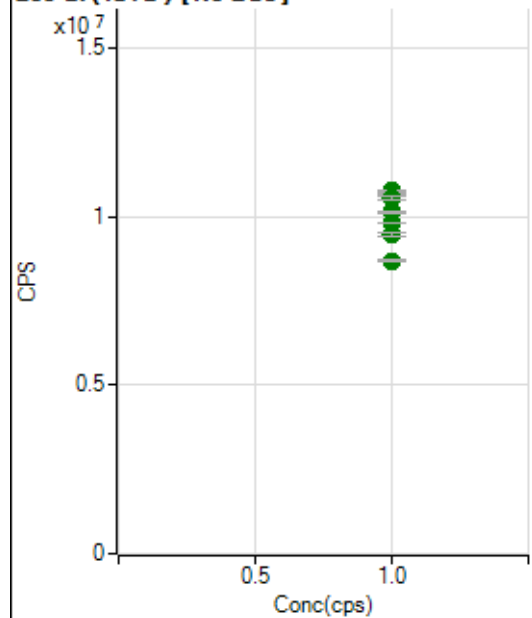
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5835420.40		A	0.2
2	☐	1.000					
3	☐	1.000		5868013.32		A	0.8
4	☐	1.000		5837563.04		A	0.9
5	☐	1.000		5692520.09		A	0.7
6	☐	1.000		5385201.90		A	0.4
7	☐	1.000		5303417.94		A	0.9
8	☐	1.000		5235657.11		A	0.3
9	☐	1.000		5403448.04		A	0.3

165 Ho (ISTD) [No Gas]

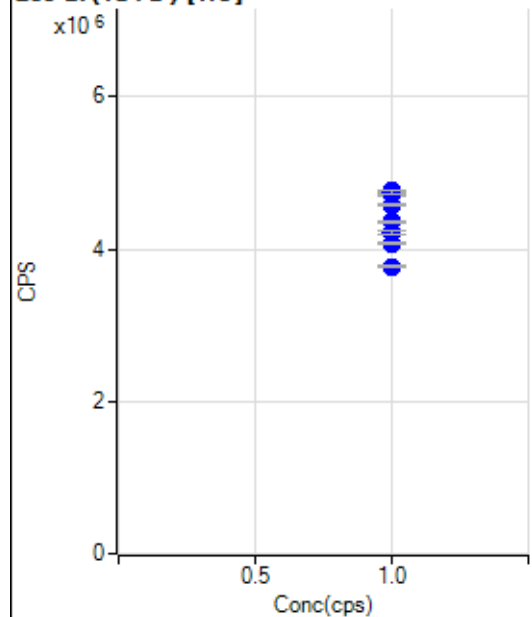
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		14351034.52		A	0.7
2	☐	1.000					
3	☐	1.000		14307616.99		A	1.3
4	☐	1.000		14527505.10		A	0.5
5	☐	1.000		14191551.10		A	1.6
6	☐	1.000		13723650.13		A	0.5
7	☐	1.000		13508221.92		A	1.1
8	☐	1.000		13308733.37		A	0.9
9	☐	1.000		13386624.52		A	0.8

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		5737965.99		A	1.0
2	☐	1.000					
3	☐	1.000		5810910.37		A	0.3
4	☐	1.000		5784617.48		A	0.9
5	☐	1.000		5642863.63		A	1.6
6	☐	1.000		5388633.04		A	1.0
7	☐	1.000		5267018.67		A	1.0
8	☐	1.000		5209614.82		A	1.6
9	☐	1.000		5382754.02		A	0.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		10712436.99		A	0.4
2	☐	1.000					
3	☐	1.000		10750404.08		A	1.1
4	☐	1.000		10770257.27		A	0.7
5	☐	1.000		10559316.65		A	0.9
6	☐	1.000		10136156.37		A	0.6
7	☐	1.000		9803121.87		A	0.1
8	☐	1.000		9479337.36		A	0.8
9	☐	1.000		8705025.50		A	0.7

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	De t	RSD
1	☐	1.000		4720744.23		P	0.6
2	☐	1.000					
3	☐	1.000		4762587.67		P	0.5
4	☐	1.000		4745534.10		P	1.1
5	☐	1.000		4579026.22		P	0.7
6	☐	1.000		4358108.20		P	0.6
7	☐	1.000		4207964.97		P	1.1
8	☐	1.000		4068127.58		P	0.6
9	☐	1.000		3772389.87		P	0.1

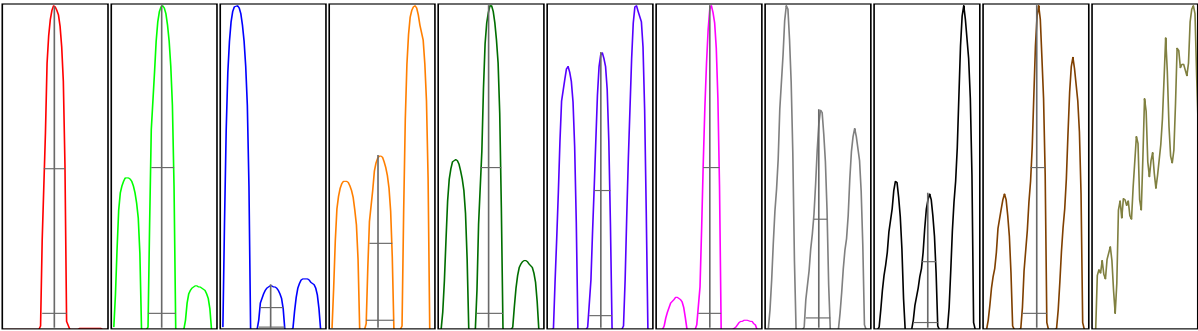
US EPA Tune Check Sample Report

Batch Folder D:\ICP-MS Data\P7100719-MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]					
Mass	Count	RSD%	RSD%	RSD%	
	(Mean)	(Actual)	(Required)	(Flag)	
9	6570	0.60	5.00		
24	74306	0.60	5.00		
25	9969	0.77	5.00		
26	11715	0.54	5.00		
59	52821	0.73	5.00		
113	8759	0.64	5.00		
115	103769	0.37	5.00		
206	31623	0.36	5.00		
207	28996	0.28	5.00		
208	69794	0.27	5.00		
220	124	4.40			

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
9	6589	6605	6583	6570	6504
24	74790	74633	74383	74026	73695
25	10044	10021	9993	9934	9852
26	11808	11723	11728	11681	11636
59	53199	52943	53065	52676	52224
113	8702	8830	8785	8773	8703
115	104033	104081	103999	103244	103489
206	31739	31622	31598	31710	31446
207	29105	28899	28952	28979	29045
208	69863	69623	69830	70058	69594
220	119	121	123	133	125

Integration Time [sec] = 0.1



Mass	Peak	Axis	Axis	Axis	Width-X%	Width-X%	Width-
	Height	(Actual)	(Required)	(Flag)	(Actual)	(Required)	X% (Flag)
9	11062	9.00	8.9 - 9.1		0.740	0.900	
24	118679	23.95	23.9 - 24.1		0.788	0.900	
25	15917	24.95	24.9 - 25.1		0.785	0.900	
26	18633	25.90	25.9 - 26.1		0.791	0.900	
59	93043	58.95	58.9 - 59.1		0.773	0.900	
113	18406	113.05	112.9 - 113.1		0.681	0.900	
115	218600	115.05	114.9 - 115.1		0.679	0.900	
206	73656	206.05	205.9 - 206.1		0.722	0.900	
207	67241	207.05	206.9 - 207.1		0.711	0.900	
208	160665	208.05	207.9 - 208.1		0.711	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	6.3	V	Deflect	11.8	V
Extract 2	-120.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-60	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	170	V			

[He]

Mass	Count	RSD%	RSD%
	(Mean)	(Actual)	(Required)
59	13071	0.87	
89	17140	0.98	
205	23104	1.06	

Mass	Replicate 1	Replicate 2	Replicate 3	Replicate 4	Replicate 5
	Count	Count	Count	Count	Count
59	13217	12963	13042	13162	12971
89	17409	17043	17087	17183	16976
205	23471	23017	22905	23229	22899

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	6.5	V	Deflect	1.0	V
Extract 2	-125.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-65	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 : LB105547 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:34:55 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.19	-0.05	0.24	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.01	0.00	0.00	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	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	-0.12	0.05	0.08	0.00	N/A	ppb
Boron	11-1	0.05	-0.13	0.08	0.00	N/A	ppb
Cadmium	111-1	0.07	-0.02	-0.06	0.00	N/A	ppb
Cadmium	106-1	0.81	-0.14	-0.67	0.00	N/A	ppb
Cadmium	108-1	-0.05	0.07	-0.02	0.00	N/A	ppb
Calcium	43-1	-0.12	-2.44	2.56	0.00	N/A	ppb
Calcium	44-1	-0.39	-0.28	0.68	0.00	N/A	ppb
Chromium	52-2	-0.05	0.02	0.03	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	0.02	-0.10	0.07	0.00	N/A	ppb
Iron	57-2	-0.15	0.00	0.16	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.08	0.04	0.04	0.00	N/A	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:34:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	0.00	0.00	N/A	ppb
Molybdenum	94-1	0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	95-1	-0.01	0.01	0.00	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	-0.01	0.00	N/A	ppb
Molybdenum	97-1	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	-0.03	-0.01	0.00	N/A	ppb
Phosphorus	31-2	-19.35	-32.18	-25.75	-25.76		ppb
Potassium	39-2	-0.47	-0.19	0.66	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	-0.07	0.04	0.03	0.00	N/A	ppb
Selenium	82-1	0.24	0.35	-0.58	0.00	N/A	ppb
Silicon	28-1	0.19	-0.03	-0.16	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.01	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	-0.32	0.55	-0.24	0.00	N/A	ppb
Strontium	86-1	-0.03	0.05	-0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-29.34	-168.22	-144.81	-114.12		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	-0.01	0.02	0.00	N/A	ppb
Titanium	47-1	0.05	-0.03	-0.02	0.00	N/A	ppb
Uranium	238-1	0.00	0.01	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:34:55	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.02	0.10	-0.08	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.01	-0.01	0.01	0.00	N/A	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:43:04 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.45	21.02	20.32	20.26	3.90	ppb
Antimony	121-1	2.04	1.97	2.01	2.01	1.68	ppb
Arsenic	75-2	0.73	1.16	0.96	0.95	22.15	ppb
Barium	135-1	10.59	10.15	10.22	10.32	2.29	ppb
Barium	137-1	10.56	10.59	10.51	10.55	0.36	ppb
Beryllium	9-1	0.99	0.97	0.99	0.98	1.32	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	21.40	24.44	25.77	23.87	9.40	ppb
Boron	11-1	23.47	23.26	23.61	23.45	0.74	ppb
Cadmium	111-1	0.86	0.98	1.03	0.96	9.51	ppb
Cadmium	106-1	-0.18	1.03	1.43	0.76	110.16	ppb
Cadmium	108-1	1.30	0.86	1.20	1.12	20.83	ppb
Calcium	43-1	507.14	490.71	474.30	490.72	3.35	ppb
Calcium	44-1	491.23	490.52	499.36	493.70	0.99	ppb
Chromium	52-2	2.03	2.05	2.05	2.04	0.50	ppb
Cobalt	59-2	1.02	1.10	1.03	1.05	4.11	ppb
Copper	63-2	2.00	2.09	1.98	2.03	2.87	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				101		%
Indium	115-1				100		%
Indium	115-2				101		%
Iron	56-2	57.54	57.23	57.14	57.31	0.37	ppb
Iron	57-2	62.70	57.58	63.05	61.11	5.02	ppb
Krypton	83-1						cps
Lead	206-1	0.94	1.00	0.95	0.97	3.28	ppb
Lead	207-1	0.96	0.94	0.89	0.93	4.10	ppb
Lead	208-1	0.96	0.94	0.94	0.95	1.19	ppb
Lithium	6-1				100		%
Magnesium	24-2	547.42	539.24	538.99	541.88	0.88	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.07	0.95	1.06	1.03	6.47	ppb
Molybdenum	94-1	4.86	4.66	4.67	4.73	2.35	ppb
Molybdenum	95-1	4.92	4.75	4.72	4.80	2.25	ppb
Molybdenum	96-1	4.96	4.78	4.74	4.83	2.35	ppb
Molybdenum	97-1	4.58	4.95	4.78	4.77	3.90	ppb
Molybdenum	98-1	4.93	4.87	4.90	4.90	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.08	1.15	1.00	1.08	6.78	ppb
Phosphorus	31-2	-0.81	34.81	43.28	25.76	90.82	ppb
Potassium	39-2	503.25	517.50	522.43	514.39	1.94	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				101		%
Scandium	45-2				101		%
Selenium	77-2	8.29	4.84	6.92	6.68	26.02	ppb
Selenium	78-2	5.92	4.79	4.68	5.13	13.39	ppb
Selenium	82-1	5.49	7.01	5.60	6.03	14.05	ppb
Silicon	28-1	7.73	7.91	7.90	7.85	1.31	ppb
Silver	109-1	1.04	1.11	1.06	1.07	3.46	ppb
Silver	107-1	1.07	1.10	1.11	1.09	1.93	ppb
Sodium	23-2	505.52	523.11	503.05	510.56	2.14	ppb
Strontium	86-1	0.85	0.98	0.82	0.89	9.46	ppb
Strontium	88-1	0.98	1.02	0.96	0.99	2.85	ppb
Sulfur	34-1	137.56	135.18	69.64	114.12	33.78	ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	1.00	0.91	0.95	0.95	4.45	ppb
Thallium	205-1	0.99	0.95	0.93	0.96	3.36	ppb
Thorium	232-1	0.84	0.81	0.80	0.82	2.43	ppb
Tin	118-1	5.26	5.25	5.51	5.34	2.75	ppb
Titanium	47-1	5.05	5.38	5.08	5.17	3.60	ppb
Uranium	238-1	0.87	0.86	0.88	0.87	1.30	ppb
Vanadium	51-2	5.23	5.52	5.14	5.30	3.69	ppb
Yttrium	89-1				101		%
Yttrium	89-2				101		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.92	2.31	2.10	2.11	9.23	ppb
Zirconium	90-1	0.93	0.89	0.89	0.91	2.82	ppb
Zirconium	91-1	0.94	0.98	0.95	0.96	2.37	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:46:59 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1012.94	1007.32	1009.11	1009.79	0.28	ppb
Antimony	121-1	51.95	51.74	51.96	51.88	0.23	ppb
Arsenic	75-2	51.31	52.77	50.76	51.61	2.01	ppb
Barium	135-1	261.24	258.25	259.93	259.81	0.58	ppb
Barium	137-1	262.02	258.87	258.09	259.66	0.80	ppb
Beryllium	9-1	51.28	51.48	51.99	51.58	0.70	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	48.50	49.39	49.63	49.18	1.21	ppb
Boron	11-1	47.77	48.37	49.71	48.62	2.04	ppb
Cadmium	111-1	51.25	51.85	51.59	51.56	0.59	ppb
Cadmium	106-1	54.73	55.42	53.25	54.47	2.03	ppb
Cadmium	108-1	52.44	50.57	52.70	51.90	2.24	ppb
Calcium	43-1	4969.54	4988.51	4966.04	4974.70	0.24	ppb
Calcium	44-1	4981.25	5037.72	4997.09	5005.35	0.58	ppb
Chromium	52-2	52.45	51.17	52.18	51.94	1.30	ppb
Cobalt	59-2	53.81	53.12	53.23	53.39	0.69	ppb
Copper	63-2	105.36	105.69	104.57	105.21	0.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				99		%
Iron	56-2	2742.72	2718.76	2709.72	2723.73	0.63	ppb
Iron	57-2	2773.86	2737.16	2698.84	2736.62	1.37	ppb
Krypton	83-1						cps
Lead	206-1	49.40	49.66	49.26	49.44	0.41	ppb
Lead	207-1	48.87	48.83	48.98	48.89	0.16	ppb
Lead	208-1	48.96	48.91	49.14	49.00	0.25	ppb
Lithium	6-1				100		%
Magnesium	24-2	5363.95	5356.13	5360.80	5360.30	0.07	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:46:59 DataFile Name : 006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	104.17	104.35	104.67	104.40	0.24	ppb
Molybdenum	94-1	252.21	255.84	251.66	253.24	0.90	ppb
Molybdenum	95-1	250.27	251.69	249.39	250.45	0.46	ppb
Molybdenum	96-1	249.47	251.41	250.30	250.40	0.39	ppb
Molybdenum	97-1	249.27	251.40	245.58	248.75	1.18	ppb
Molybdenum	98-1	249.85	251.21	249.01	250.02	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.38	54.91	53.50	54.26	1.32	ppb
Phosphorus	31-2	924.24	985.77	1044.08	984.70	6.09	ppb
Potassium	39-2	2588.66	2553.05	2557.43	2566.38	0.76	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	53.66	52.95	52.03	52.88	1.55	ppb
Selenium	78-2	52.25	53.40	48.14	51.26	5.40	ppb
Selenium	82-1	53.54	53.03	52.17	52.91	1.32	ppb
Silicon	28-1	55.16	58.61	59.47	57.75	3.95	ppb
Silver	109-1	53.74	52.79	52.93	53.15	0.96	ppb
Silver	107-1	54.15	54.00	53.55	53.90	0.59	ppb
Sodium	23-2	5217.98	5215.04	5238.16	5223.73	0.24	ppb
Strontium	86-1	51.19	50.17	49.89	50.42	1.36	ppb
Strontium	88-1	49.90	49.51	49.93	49.78	0.47	ppb
Sulfur	34-1	1028.79	1203.46	1116.26	1116.17	7.82	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	48.93	48.54	48.66	48.71	0.40	ppb
Thallium	205-1	49.31	49.05	48.65	49.00	0.68	ppb
Thorium	232-1	46.14	46.28	46.01	46.14	0.29	ppb
Tin	118-1	52.86	52.05	51.86	52.26	1.02	ppb
Titanium	47-1	250.37	254.66	248.41	251.15	1.27	ppb
Uranium	238-1	46.81	46.41	46.86	46.69	0.52	ppb
Vanadium	51-2	51.72	50.99	51.21	51.31	0.73	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:46:59	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	103.37	101.87	102.75	102.66	0.73	ppb
Zirconium	90-1	50.45	50.60	50.21	50.42	0.39	ppb
Zirconium	91-1	51.82	52.43	51.72	51.99	0.74	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:50:53	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2535.63	2527.22	2519.08	2527.31	0.33	ppb
Antimony	121-1	129.54	130.27	130.45	130.09	0.37	ppb
Arsenic	75-2	129.22	129.23	129.69	129.38	0.21	ppb
Barium	135-1	637.82	649.08	650.76	645.89	1.09	ppb
Barium	137-1	641.99	650.52	648.00	646.84	0.68	ppb
Beryllium	9-1	128.36	127.39	127.10	127.62	0.52	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	124.99	118.59	124.62	122.73	2.93	ppb
Boron	11-1	121.39	121.76	125.86	123.00	2.02	ppb
Cadmium	111-1	127.05	128.97	129.55	128.52	1.02	ppb
Cadmium	106-1	131.17	128.58	129.27	129.67	1.04	ppb
Cadmium	108-1	124.78	128.44	128.94	127.39	1.79	ppb
Calcium	43-1	12690.03	12530.79	12548.11	12589.64	0.69	ppb
Calcium	44-1	12442.76	12485.20	12528.59	12485.52	0.34	ppb
Chromium	52-2	127.92	128.60	129.72	128.74	0.71	ppb
Cobalt	59-2	131.90	131.76	132.29	131.98	0.21	ppb
Copper	63-2	259.97	257.48	259.40	258.95	0.50	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	6729.90	6730.59	6742.63	6734.37	0.11	ppb
Iron	57-2	6741.37	6803.86	6745.87	6763.70	0.52	ppb
Krypton	83-1						cps
Lead	206-1	123.42	122.89	123.69	123.33	0.33	ppb
Lead	207-1	122.34	122.39	122.70	122.47	0.16	ppb
Lead	208-1	122.61	121.98	122.45	122.34	0.27	ppb
Lithium	6-1				97		%
Magnesium	24-2	13420.34	13430.59	13481.86	13444.27	0.25	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:50:53 DataFile Name : 007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	257.06	258.01	259.69	258.25	0.51	ppb
Molybdenum	94-1	626.71	627.27	634.61	629.53	0.70	ppb
Molybdenum	95-1	618.83	625.44	630.82	625.03	0.96	ppb
Molybdenum	96-1	621.10	624.93	632.35	626.13	0.91	ppb
Molybdenum	97-1	619.62	617.99	631.73	623.11	1.20	ppb
Molybdenum	98-1	619.34	624.58	630.54	624.82	0.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.05	133.95	134.17	134.39	0.43	ppb
Phosphorus	31-2	2492.18	2583.72	2565.06	2546.99	1.90	ppb
Potassium	39-2	6409.58	6354.30	6420.98	6394.95	0.56	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	125.09	130.13	115.49	123.57	6.02	ppb
Selenium	78-2	138.11	131.00	136.87	135.33	2.81	ppb
Selenium	82-1	132.17	133.02	133.73	132.97	0.59	ppb
Silicon	28-1	148.41	153.39	154.32	152.04	2.09	ppb
Silver	109-1	131.02	132.03	131.37	131.48	0.39	ppb
Silver	107-1	130.10	132.60	133.95	132.22	1.48	ppb
Sodium	23-2	13087.62	13096.03	13131.51	13105.05	0.18	ppb
Strontium	86-1	124.97	127.08	126.71	126.26	0.89	ppb
Strontium	88-1	123.35	124.86	124.97	124.39	0.73	ppb
Sulfur	34-1	2677.66	2585.39	2601.53	2621.53	1.88	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	121.83	120.89	121.64	121.45	0.41	ppb
Thallium	205-1	121.06	120.87	123.04	121.66	0.99	ppb
Thorium	232-1	115.59	115.94	116.68	116.07	0.48	ppb
Tin	118-1	127.74	130.90	129.14	129.26	1.23	ppb
Titanium	47-1	621.73	628.26	634.85	628.28	1.04	ppb
Uranium	238-1	116.82	116.29	116.57	116.56	0.23	ppb
Vanadium	51-2	127.14	127.85	126.53	127.17	0.52	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:50:53	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	257.15	253.47	255.30	255.31	0.72	ppb
Zirconium	90-1	126.96	126.17	128.47	127.20	0.92	ppb
Zirconium	91-1	128.89	127.57	131.27	129.24	1.45	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5039.24	5037.80	5100.41	5059.15	0.71	ppb
Antimony	121-1	257.41	256.57	254.96	256.31	0.48	ppb
Arsenic	75-2	256.24	254.34	254.90	255.16	0.38	ppb
Barium	135-1	1275.51	1273.15	1269.84	1272.83	0.22	ppb
Barium	137-1	1268.93	1275.56	1264.76	1269.75	0.43	ppb
Beryllium	9-1	255.48	258.49	258.13	257.37	0.64	ppb
Bismuth	209-1				95		%
Bismuth	209-2				92		%
Boron	10-1	244.32	249.29	250.06	247.89	1.26	ppb
Boron	11-1	246.67	249.08	249.59	248.45	0.63	ppb
Cadmium	111-1	249.09	249.83	247.19	248.70	0.55	ppb
Cadmium	106-1	247.79	251.82	251.10	250.24	0.86	ppb
Cadmium	108-1	252.89	253.42	257.86	254.72	1.07	ppb
Calcium	43-1	24984.95	25355.68	25240.16	25193.59	0.75	ppb
Calcium	44-1	25004.51	25066.43	25166.75	25079.23	0.33	ppb
Chromium	52-2	254.95	254.46	257.38	255.60	0.61	ppb
Cobalt	59-2	258.07	259.68	264.46	260.74	1.28	ppb
Copper	63-2	505.08	508.66	515.91	509.88	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				94		%
Indium	115-1				92		%
Indium	115-2				88		%
Iron	56-2	13329.84	13334.59	13665.61	13443.35	1.43	ppb
Iron	57-2	13400.99	13490.19	13731.07	13540.75	1.26	ppb
Krypton	83-1						cps
Lead	206-1	247.36	245.76	249.68	247.60	0.80	ppb
Lead	207-1	245.88	245.43	247.53	246.28	0.45	ppb
Lead	208-1	245.51	243.85	246.91	245.42	0.62	ppb
Lithium	6-1				91		%
Magnesium	24-2	26732.43	26772.86	26896.67	26800.65	0.32	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	505.49	508.96	519.51	511.32	1.43	ppb
Molybdenum	94-1	1247.71	1264.77	1256.29	1256.26	0.68	ppb
Molybdenum	95-1	1235.23	1255.95	1250.84	1247.34	0.87	ppb
Molybdenum	96-1	1235.48	1258.05	1254.38	1249.30	0.97	ppb
Molybdenum	97-1	1242.33	1252.57	1250.12	1248.34	0.43	ppb
Molybdenum	98-1	1253.19	1269.97	1258.85	1260.67	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	259.40	263.16	265.52	262.70	1.17	ppb
Phosphorus	31-2	5099.48	5271.91	4954.00	5108.46	3.12	ppb
Potassium	39-2	12751.05	12724.17	12741.49	12738.91	0.11	ppb
Rhodium	103-1				89		%
Rhodium	103-2				87		%
Scandium	45-1				91		%
Scandium	45-2				87		%
Selenium	77-2	266.17	280.88	282.49	276.52	3.25	ppb
Selenium	78-2	250.93	268.34	258.11	259.13	3.38	ppb
Selenium	82-1	263.32	263.79	264.47	263.86	0.22	ppb
Silicon	28-1	308.57	318.77	322.51	316.62	2.28	ppb
Silver	109-1	251.91	254.30	252.41	252.87	0.50	ppb
Silver	107-1	253.88	256.30	254.80	254.99	0.48	ppb
Sodium	23-2	26095.82	26156.28	26186.09	26146.06	0.18	ppb
Strontium	86-1	252.52	254.76	251.98	253.09	0.58	ppb
Strontium	88-1	248.36	249.29	248.91	248.86	0.19	ppb
Sulfur	34-1	5133.83	5255.68	5247.69	5212.40	1.31	ppb
Terbium	159-1				95		%
Terbium	159-2				92		%
Thallium	203-1	243.82	246.55	245.96	245.45	0.59	ppb
Thallium	205-1	247.04	247.23	247.45	247.24	0.08	ppb
Thorium	232-1	239.82	239.99	242.03	240.61	0.51	ppb
Tin	118-1	254.29	257.31	255.50	255.70	0.59	ppb
Titanium	47-1	1244.57	1247.25	1256.90	1249.57	0.52	ppb
Uranium	238-1	236.78	239.34	240.76	238.96	0.84	ppb
Vanadium	51-2	253.17	252.76	252.41	252.78	0.15	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	496.92	504.89	514.68	505.50	1.76	ppb
Zirconium	90-1	252.02	252.33	251.60	251.98	0.15	ppb
Zirconium	91-1	256.18	257.01	256.06	256.42	0.20	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:58:31 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10085.17	10209.08	10006.31	10100.18	1.01	ppb
Antimony	121-1	505.92	503.68	495.38	501.66	1.11	ppb
Arsenic	75-2	509.62	507.00	508.53	508.39	0.26	ppb
Barium	135-1	2511.99	2520.90	2495.46	2509.45	0.51	ppb
Barium	137-1	2554.06	2530.09	2513.85	2532.67	0.80	ppb
Beryllium	9-1	511.17	512.62	507.37	510.39	0.53	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	499.66	497.77	506.95	501.46	0.97	ppb
Boron	11-1	500.54	492.43	503.50	498.82	1.15	ppb
Cadmium	111-1	484.61	485.37	483.17	484.38	0.23	ppb
Cadmium	106-1	501.65	487.98	483.35	490.99	1.94	ppb
Cadmium	108-1	492.00	485.61	482.62	486.75	0.98	ppb
Calcium	43-1	50983.72	51321.13	51301.74	51202.20	0.37	ppb
Calcium	44-1	50529.20	50910.20	50759.50	50732.97	0.38	ppb
Chromium	52-2	511.08	507.26	505.62	507.99	0.55	ppb
Cobalt	59-2	520.19	517.97	513.21	517.12	0.69	ppb
Copper	63-2	1013.11	1006.25	997.80	1005.72	0.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				94		%
Holmium	165-2				92		%
Indium	115-1				87		%
Indium	115-2				85		%
Iron	56-2	27069.05	26680.94	26815.77	26855.25	0.73	ppb
Iron	57-2	27132.61	26939.99	26867.95	26980.18	0.51	ppb
Krypton	83-1						cps
Lead	206-1	499.80	496.23	488.48	494.84	1.17	ppb
Lead	207-1	493.29	495.90	487.89	492.36	0.83	ppb
Lead	208-1	497.56	496.88	492.12	495.52	0.60	ppb
Lithium	6-1				85		%
Magnesium	24-2	54423.55	54169.87	53384.34	53992.59	1.00	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:58:31 DataFile Name : 009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1022.08	1019.16	1024.82	1022.02	0.28	ppb
Molybdenum	94-1	2523.23	2540.63	2536.90	2533.58	0.36	ppb
Molybdenum	95-1	2529.54	2536.48	2531.59	2532.54	0.14	ppb
Molybdenum	96-1	2532.83	2527.20	2527.85	2529.29	0.12	ppb
Molybdenum	97-1	2486.62	2491.21	2496.81	2491.55	0.20	ppb
Molybdenum	98-1	2524.59	2539.33	2547.26	2537.06	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	523.61	516.74	519.22	519.86	0.67	ppb
Phosphorus	31-2	9899.92	10154.37	9999.88	10018.06	1.28	ppb
Potassium	39-2	25677.27	25723.88	25289.06	25563.41	0.93	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				84		%
Selenium	77-2	517.87	494.36	518.39	510.21	2.69	ppb
Selenium	78-2	511.21	531.29	516.70	519.73	2.00	ppb
Selenium	82-1	524.30	524.33	526.84	525.15	0.28	ppb
Silicon	28-1	640.86	653.71	663.37	652.65	1.73	ppb
Silver	109-1	485.05	477.63	477.08	479.92	0.93	ppb
Silver	107-1	482.38	481.60	479.11	481.03	0.36	ppb
Sodium	23-2	53292.07	53444.36	52787.85	53174.76	0.65	ppb
Strontium	86-1	510.48	508.54	514.52	511.18	0.60	ppb
Strontium	88-1	506.61	506.12	504.98	505.91	0.17	ppb
Sulfur	34-1	10312.48	10424.28	10388.90	10375.22	0.55	ppb
Terbium	159-1				93		%
Terbium	159-2				91		%
Thallium	203-1	492.21	495.15	481.21	489.52	1.50	ppb
Thallium	205-1	509.23	499.90	490.61	499.91	1.86	ppb
Thorium	232-1	492.91	492.75	485.13	490.26	0.91	ppb
Tin	118-1	499.48	498.58	496.70	498.25	0.28	ppb
Titanium	47-1	2512.80	2506.09	2523.97	2514.29	0.36	ppb
Uranium	238-1	489.78	497.50	484.14	490.47	1.37	ppb
Vanadium	51-2	511.42	507.56	505.90	508.29	0.56	ppb
Yttrium	89-1				88		%
Yttrium	89-2				86		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:58:31	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1015.69	1011.00	1003.91	1010.20	0.59	ppb
Zirconium	90-1	503.99	501.90	506.02	503.97	0.41	ppb
Zirconium	91-1	511.60	518.84	514.42	514.95	0.71	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:02:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19844.26	19753.05	19693.97	19763.76	0.38	ppb
Antimony	121-1	1001.31	993.10	996.17	996.86	0.42	ppb
Arsenic	75-2	987.55	992.42	1001.70	993.89	0.72	ppb
Barium	135-1	5007.98	4968.10	4983.32	4986.46	0.40	ppb
Barium	137-1	4998.96	4930.33	4997.26	4975.52	0.79	ppb
Beryllium	9-1	999.60	989.65	988.42	992.56	0.62	ppb
Bismuth	209-1				88		%
Bismuth	209-2				86		%
Boron	10-1	989.64	1005.54	1005.27	1000.15	0.91	ppb
Boron	11-1	985.50	1010.05	1008.45	1001.33	1.37	ppb
Cadmium	111-1	1006.26	1002.50	1014.09	1007.61	0.59	ppb
Cadmium	106-1	1004.88	1005.69	1000.35	1003.64	0.29	ppb
Cadmium	108-1	1009.50	1003.74	1001.92	1005.05	0.39	ppb
Calcium	43-1	101923.50	101906.82	101729.74	101853.35	0.11	ppb
Calcium	44-1	102365.10	103137.94	102306.94	102603.32	0.45	ppb
Chromium	52-2	995.53	992.16	994.44	994.04	0.17	ppb
Cobalt	59-2	982.58	991.62	988.93	987.71	0.47	ppb
Copper	63-2	1986.41	1994.63	1998.83	1993.29	0.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				91		%
Indium	115-1				85		%
Indium	115-2				82		%
Iron	56-2	52487.95	52139.83	52462.67	52363.48	0.37	ppb
Iron	57-2	52264.79	52369.20	52869.20	52501.06	0.62	ppb
Krypton	83-1						cps
Lead	206-1	1013.63	1003.07	993.55	1003.42	1.00	ppb
Lead	207-1	1010.86	1007.16	997.34	1005.12	0.70	ppb
Lead	208-1	1008.18	1005.39	997.72	1003.77	0.54	ppb
Lithium	6-1				83		%
Magnesium	24-2	105763.22	104538.66	104915.88	105072.59	0.60	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:02:17	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1987.50	1976.58	1990.65	1984.91	0.37	ppb
Molybdenum	94-1	4980.29	5013.89	4948.56	4980.91	0.66	ppb
Molybdenum	95-1	4990.81	5032.00	4930.30	4984.37	1.03	ppb
Molybdenum	96-1	4982.61	5007.81	4965.68	4985.37	0.43	ppb
Molybdenum	97-1	5015.84	5010.80	4988.18	5004.94	0.29	ppb
Molybdenum	98-1	5004.28	4963.74	4968.45	4978.82	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	985.56	982.87	988.10	985.51	0.27	ppb
Phosphorus	31-2	19837.85	19951.63	20086.77	19958.75	0.62	ppb
Potassium	39-2	50454.97	50405.17	50357.42	50405.85	0.10	ppb
Rhodium	103-1				80		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				83		%
Selenium	77-2	990.61	988.04	986.23	988.30	0.22	ppb
Selenium	78-2	987.68	971.16	1000.65	986.50	1.50	ppb
Selenium	82-1	982.23	986.79	979.41	982.81	0.38	ppb
Silicon	28-1	897.65	905.79	906.39	903.28	0.54	ppb
Silver	109-1	1005.00	1002.41	1017.65	1008.35	0.81	ppb
Silver	107-1	1007.84	999.97	1013.62	1007.14	0.68	ppb
Sodium	23-2	104052.56	103796.99	104774.46	104208.00	0.49	ppb
Strontium	86-1	1000.97	992.34	987.07	993.46	0.71	ppb
Strontium	88-1	997.31	998.85	996.10	997.42	0.14	ppb
Sulfur	34-1	19974.54	19740.20	19500.12	19738.29	1.20	ppb
Terbium	159-1				92		%
Terbium	159-2				90		%
Thallium	203-1	1011.61	1009.74	999.31	1006.88	0.66	ppb
Thallium	205-1	1008.16	998.78	996.66	1001.20	0.61	ppb
Thorium	232-1	1007.64	1012.94	1004.99	1008.52	0.40	ppb
Tin	118-1	1002.77	997.36	996.28	998.80	0.35	ppb
Titanium	47-1	5010.89	4973.37	4993.22	4992.50	0.38	ppb
Uranium	238-1	1013.41	1004.94	1007.88	1008.74	0.43	ppb
Vanadium	51-2	997.88	992.46	994.12	994.82	0.28	ppb
Yttrium	89-1				87		%
Yttrium	89-2				85		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:02:17	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1990.90	1987.96	1999.34	1992.73	0.30	ppb
Zirconium	90-1	994.50	1003.82	993.35	997.22	0.58	ppb
Zirconium	91-1	997.05	990.44	983.37	990.29	0.69	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:06:02 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	99718.14	101019.16	99363.17	100033.49	0.87	ppb
Antimony	121-1	1.55	1.58	1.66	1.60	3.45	ppb
Arsenic	75-2	1.55	1.59	1.60	1.58	1.66	ppb
Barium	135-1	1.01	1.02	0.95	0.99	4.05	ppb
Barium	137-1	1.10	1.03	0.96	1.03	6.87	ppb
Beryllium	9-1	0.23	0.20	0.20	0.21	9.08	ppb
Bismuth	209-1				81		%
Bismuth	209-2				80		%
Boron	10-1	51.39	49.88	47.11	49.46	4.39	ppb
Boron	11-1	51.89	49.26	44.90	48.68	7.26	ppb
Cadmium	111-1	0.10	0.13	0.22	0.15	38.47	ppb
Cadmium	106-1	-0.78	-0.21	0.92	-0.02		ppb
Cadmium	108-1	0.52	0.32	0.32	0.39	29.21	ppb
Calcium	43-1	501366.76	493698.91	503426.68	499497.45	1.03	ppb
Calcium	44-1	499272.03	496237.66	502697.48	499402.39	0.65	ppb
Chromium	52-2	35.02	35.05	34.61	34.89	0.71	ppb
Cobalt	59-2	11.95	11.95	11.88	11.93	0.33	ppb
Copper	63-2	3.62	3.59	3.46	3.56	2.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				93		%
Holmium	165-2				94		%
Indium	115-1				86		%
Indium	115-2				88		%
Iron	56-2	248967.76	250081.54	248791.49	249280.26	0.28	ppb
Iron	57-2	248787.08	250211.85	248704.63	249234.52	0.34	ppb
Krypton	83-1						cps
Lead	206-1	1.36	1.26	1.33	1.32	3.62	ppb
Lead	207-1	1.38	1.33	1.31	1.34	2.80	ppb
Lead	208-1	1.36	1.32	1.29	1.32	2.64	ppb
Lithium	6-1				88		%
Magnesium	24-2	498107.89	500244.21	497054.73	498468.94	0.33	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:06:02	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.28	7.05	6.89	7.07	2.76	ppb
Molybdenum	94-1	4.18	4.12	4.07	4.13	1.29	ppb
Molybdenum	95-1	5.16	5.21	4.91	5.09	3.08	ppb
Molybdenum	96-1	4.91	5.07	5.05	5.01	1.70	ppb
Molybdenum	97-1	5.34	5.18	4.80	5.11	5.40	ppb
Molybdenum	98-1	5.15	5.00	5.24	5.13	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.93	32.16	31.48	31.86	1.08	ppb
Phosphorus	31-2	-25.12	-8.76	-9.08	-14.32		ppb
Potassium	39-2	250361.87	250108.02	249068.79	249846.23	0.27	ppb
Rhodium	103-1				78		%
Rhodium	103-2				82		%
Scandium	45-1				90		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.74	0.74	0.49	86.60	ppb
Selenium	78-2	0.11	0.46	0.33	0.30	59.13	ppb
Selenium	82-1	0.27	0.45	0.83	0.52	55.60	ppb
Silicon	28-1	19.20	18.70	18.29	18.73	2.43	ppb
Silver	109-1	0.19	0.17	0.19	0.18	7.30	ppb
Silver	107-1	0.20	0.19	0.18	0.19	5.09	ppb
Sodium	23-2	500006.05	500338.49	495954.19	498766.25	0.49	ppb
Strontium	86-1	4.18	4.34	3.98	4.17	4.26	ppb
Strontium	88-1	4.11	4.14	4.03	4.10	1.35	ppb
Sulfur	34-1	416.42	549.44	568.94	511.60	16.22	ppb
Terbium	159-1				92		%
Terbium	159-2				93		%
Thallium	203-1	0.39	0.41	0.39	0.40	2.63	ppb
Thallium	205-1	0.41	0.35	0.37	0.38	9.02	ppb
Thorium	232-1	0.25	0.25	0.24	0.25	3.78	ppb
Tin	118-1	0.51	0.49	0.50	0.50	2.11	ppb
Titanium	47-1	1.63	1.66	1.76	1.68	3.95	ppb
Uranium	238-1	0.15	0.14	0.13	0.14	5.25	ppb
Vanadium	51-2	0.45	0.41	0.39	0.42	7.48	ppb
Yttrium	89-1				91		%
Yttrium	89-2				94		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:06:02	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	27.05	26.15	27.24	26.81	2.17	ppb
Zirconium	90-1	0.26	0.27	0.27	0.27	1.78	ppb
Zirconium	91-1	0.31	0.36	0.21	0.29	25.55	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:12:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	464.89	474.41	475.72	471.67	1.25	ppb
Antimony	121-1	195.73	198.11	195.31	196.38	0.77	ppb
Arsenic	75-2	201.31	203.15	204.85	203.10	0.87	ppb
Barium	135-1	99.49	100.12	99.81	99.81	0.32	ppb
Barium	137-1	100.17	100.11	98.48	99.59	0.96	ppb
Beryllium	9-1	95.23	95.89	95.32	95.48	0.38	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	490.08	504.62	516.47	503.72	2.62	ppb
Boron	11-1	502.92	505.95	517.97	508.95	1.56	ppb
Cadmium	111-1	102.91	104.58	103.32	103.60	0.84	ppb
Cadmium	106-1	190.81	195.98	199.00	195.26	2.12	ppb
Cadmium	108-1	179.25	177.41	172.85	176.50	1.86	ppb
Calcium	43-1	2151.70	2161.41	2166.71	2159.94	0.35	ppb
Calcium	44-1	2073.23	2041.81	2082.65	2065.90	1.04	ppb
Chromium	52-2	96.13	96.83	95.85	96.27	0.52	ppb
Cobalt	59-2	99.49	100.31	100.11	99.97	0.43	ppb
Copper	63-2	99.12	100.19	98.39	99.23	0.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				95		%
Iron	56-2	1044.91	1050.07	1052.81	1049.26	0.38	ppb
Iron	57-2	1037.81	1058.94	1051.36	1049.37	1.02	ppb
Krypton	83-1						cps
Lead	206-1	190.12	189.68	189.33	189.71	0.21	ppb
Lead	207-1	185.80	185.04	185.48	185.44	0.21	ppb
Lead	208-1	186.94	186.18	185.85	186.32	0.30	ppb
Lithium	6-1				100		%
Magnesium	24-2	1253.00	1258.36	1256.78	1256.05	0.22	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:12:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	95.82	96.46	94.30	95.52	1.16	ppb
Molybdenum	94-1	2605.59	2574.60	2559.21	2579.80	0.92	ppb
Molybdenum	95-1	2620.91	2611.19	2605.53	2612.54	0.30	ppb
Molybdenum	96-1	2629.60	2584.87	2600.86	2605.11	0.87	ppb
Molybdenum	97-1	2642.36	2620.98	2593.62	2618.98	0.93	ppb
Molybdenum	98-1	2625.49	2593.98	2582.90	2600.79	0.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	102.75	103.53	100.44	102.24	1.57	ppb
Phosphorus	31-2	-28.72	-18.77	-35.26	-27.59		ppb
Potassium	39-2	1979.39	1995.30	1971.07	1981.92	0.62	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				97		%
Selenium	77-2	218.29	226.56	212.78	219.21	3.16	ppb
Selenium	78-2	205.96	196.34	197.51	199.94	2.63	ppb
Selenium	82-1	203.11	199.87	200.38	201.12	0.87	ppb
Silicon	28-1	12.23	13.41	15.36	13.67	11.55	ppb
Silver	109-1	94.80	94.89	94.25	94.65	0.37	ppb
Silver	107-1	95.33	95.82	97.18	96.11	0.99	ppb
Sodium	23-2	2107.12	2089.06	2102.27	2099.48	0.45	ppb
Strontium	86-1	504.86	497.92	494.76	499.18	1.03	ppb
Strontium	88-1	501.45	496.63	496.23	498.10	0.58	ppb
Sulfur	34-1	-502.91	-643.22	-543.33	-563.16		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	188.15	189.06	186.79	188.00	0.61	ppb
Thallium	205-1	189.48	188.66	187.44	188.53	0.54	ppb
Thorium	232-1	56.07	56.39	55.99	56.15	0.38	ppb
Tin	118-1	494.17	495.64	493.05	494.29	0.26	ppb
Titanium	47-1	2878.47	2852.29	2875.04	2868.60	0.50	ppb
Uranium	238-1	503.55	512.85	508.85	508.42	0.92	ppb
Vanadium	51-2	95.35	94.65	94.76	94.92	0.39	ppb
Yttrium	89-1				101		%
Yttrium	89-2				97		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:12:03	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	194.92	196.05	194.69	195.22	0.37	ppb
Zirconium	90-1	503.26	497.15	496.91	499.10	0.72	ppb
Zirconium	91-1	500.62	494.48	493.23	496.11	0.80	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:15:38 DataFile Name : 013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.13	1.27	0.68	1.02	30.25	ppb
Antimony	121-1	0.17	0.22	0.23	0.21	13.91	ppb
Arsenic	75-2	0.01	0.07	0.08	0.05	73.50	ppb
Barium	135-1	0.11	0.12	0.13	0.12	8.31	ppb
Barium	137-1	0.08	0.11	0.07	0.09	23.11	ppb
Beryllium	9-1	0.07	0.10	0.09	0.08	19.05	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	31.88	30.01	26.80	29.56	8.70	ppb
Boron	11-1	30.65	30.18	27.85	29.56	5.08	ppb
Cadmium	111-1	-0.10	0.01	0.09	0.00	4535.65	ppb
Cadmium	106-1	-1.80	-0.38	0.69	-0.50		ppb
Cadmium	108-1	0.15	0.03	0.05	0.08	88.02	ppb
Calcium	43-1	9.72	8.20	4.50	7.47	35.90	ppb
Calcium	44-1	8.59	9.26	10.23	9.36	8.80	ppb
Chromium	52-2	0.05	0.04	0.04	0.04	14.98	ppb
Cobalt	59-2	0.05	0.04	0.04	0.04	17.77	ppb
Copper	63-2	0.36	0.32	0.31	0.33	7.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	3.12	3.14	2.98	3.08	2.86	ppb
Iron	57-2	2.05	2.83	2.48	2.45	15.95	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.07	0.04	0.05	26.41	ppb
Lead	207-1	0.05	0.08	0.04	0.06	32.71	ppb
Lead	208-1	0.07	0.07	0.05	0.06	16.77	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.31	4.71	5.78	5.27	10.15	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:15:38	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.03	0.03	0.04	35.78	ppb
Molybdenum	94-1	0.53	0.44	0.58	0.52	13.82	ppb
Molybdenum	95-1	0.61	0.60	0.58	0.60	2.32	ppb
Molybdenum	96-1	0.65	0.57	0.60	0.60	6.23	ppb
Molybdenum	97-1	0.69	0.56	0.47	0.57	19.66	ppb
Molybdenum	98-1	0.63	0.54	0.53	0.57	9.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.12	0.09	0.14	0.12	19.41	ppb
Phosphorus	31-2	-12.64	-25.60	-12.92	-17.06		ppb
Potassium	39-2	17.03	14.22	12.86	14.70	14.47	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.71	0.00	0.00	0.24	173.21	ppb
Selenium	78-2	0.41	-0.53	-0.07	-0.06		ppb
Selenium	82-1	-0.60	0.25	0.45	0.03	1744.76	ppb
Silicon	28-1	3.74	3.17	2.87	3.26	13.51	ppb
Silver	109-1	0.03	0.02	0.02	0.02	23.62	ppb
Silver	107-1	0.02	0.02	0.02	0.02	17.20	ppb
Sodium	23-2	51.83	51.90	46.94	50.22	5.66	ppb
Strontium	86-1	-0.04	-0.05	0.22	0.04	355.16	ppb
Strontium	88-1	0.07	0.06	0.06	0.06	15.57	ppb
Sulfur	34-1	-522.98	-403.04	-457.55	-461.19		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.13	0.09	0.10	0.11	16.68	ppb
Thallium	205-1	0.12	0.12	0.10	0.11	11.87	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	4.73	ppb
Tin	118-1	0.29	0.25	0.27	0.27	8.03	ppb
Titanium	47-1	0.57	0.35	0.30	0.41	35.35	ppb
Uranium	238-1	0.07	0.07	0.07	0.07	3.24	ppb
Vanadium	51-2	0.03	0.02	0.03	0.03	24.50	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:15:38	DataFile Name :	013CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	4.49	4.39	4.28	4.39	2.39	ppb
Zirconium	90-1	0.07	0.08	0.06	0.07	14.10	ppb
Zirconium	91-1	0.09	0.08	0.09	0.09	2.65	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:19:13 DataFile Name : 014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	93825.32	92749.73	92196.07	92923.71	0.89	ppb
Antimony	121-1	1.17	1.23	1.22	1.20	2.84	ppb
Arsenic	75-2	0.36	0.34	0.37	0.36	3.71	ppb
Barium	135-1	1.62	1.64	1.66	1.64	1.43	ppb
Barium	137-1	1.61	1.58	1.62	1.60	1.37	ppb
Beryllium	9-1	0.36	0.30	0.35	0.34	9.65	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	21.38	17.54	18.20	19.04	10.79	ppb
Boron	11-1	19.70	18.84	19.03	19.19	2.34	ppb
Cadmium	111-1	0.87	0.80	0.74	0.80	8.56	ppb
Cadmium	106-1	0.02	-0.87	0.41	-0.15		ppb
Cadmium	108-1	21.76	20.96	22.10	21.61	2.71	ppb
Calcium	43-1	99022.64	99720.13	99900.26	99547.67	0.47	ppb
Calcium	44-1	99243.05	100487.16	100389.74	100039.98	0.69	ppb
Chromium	52-2	21.54	21.45	21.66	21.55	0.49	ppb
Cobalt	59-2	1.21	1.25	1.28	1.25	2.86	ppb
Copper	63-2	7.89	7.59	7.79	7.76	1.97	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				96		%
Indium	115-2				95		%
Iron	56-2	104991.46	103499.25	102874.88	103788.53	1.05	ppb
Iron	57-2	103712.29	102527.73	102608.70	102949.58	0.64	ppb
Krypton	83-1						cps
Lead	206-1	4.94	5.01	4.99	4.98	0.69	ppb
Lead	207-1	4.37	4.44	4.34	4.38	1.13	ppb
Lead	208-1	4.62	4.62	4.55	4.60	0.84	ppb
Lithium	6-1				97		%
Magnesium	24-2	106488.49	104900.20	104687.95	105358.88	0.93	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:19:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.56	9.79	9.34	9.56	2.37	ppb
Molybdenum	94-1	1282.86	1275.15	1275.55	1277.85	0.34	ppb
Molybdenum	95-1	1824.98	1841.87	1837.77	1834.87	0.48	ppb
Molybdenum	96-1	1761.24	1764.64	1768.77	1764.88	0.21	ppb
Molybdenum	97-1	1789.88	1787.11	1796.27	1791.09	0.26	ppb
Molybdenum	98-1	1827.50	1838.36	1835.60	1833.82	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.45	6.85	6.27	6.52	4.60	ppb
Phosphorus	31-2	97732.60	99044.37	97682.69	98153.22	0.79	ppb
Potassium	39-2	103235.74	102141.78	101407.28	102261.60	0.90	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.72	0.00	1.41	0.71	99.19	ppb
Selenium	78-2	-0.17	0.16	-0.30	-0.11		ppb
Selenium	82-1	0.33	0.60	-0.39	0.18	284.92	ppb
Silicon	28-1	24.62	24.98	24.85	24.82	0.74	ppb
Silver	109-1	0.03	0.03	0.04	0.03	16.23	ppb
Silver	107-1	0.03	0.04	0.04	0.04	14.07	ppb
Sodium	23-2	105126.55	103083.17	103623.10	103944.27	1.02	ppb
Strontium	86-1	34.99	33.87	34.38	34.41	1.62	ppb
Strontium	88-1	34.44	33.83	34.22	34.16	0.90	ppb
Sulfur	34-1	93888.23	94172.99	94695.87	94252.36	0.43	ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.19	0.19	0.18	0.19	1.85	ppb
Thallium	205-1	0.17	0.18	0.21	0.19	9.69	ppb
Thorium	232-1	0.03	0.04	0.05	0.04	14.80	ppb
Tin	118-1	0.30	0.29	0.28	0.29	3.57	ppb
Titanium	47-1	2028.08	2031.35	2039.10	2032.85	0.28	ppb
Uranium	238-1	0.07	0.05	0.06	0.06	15.72	ppb
Vanadium	51-2	0.23	0.20	0.21	0.21	8.66	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:19:13	DataFile Name :	014ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.29	14.92	14.56	14.92	2.42	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	0.95	ppb
Zirconium	91-1	0.06	0.10	0.10	0.09	24.11	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:22:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89846.25	91347.77	92282.69	91158.90	1.35	ppb
Antimony	121-1	20.83	21.22	20.93	20.99	0.96	ppb
Arsenic	75-2	18.75	19.83	19.94	19.51	3.36	ppb
Barium	135-1	22.31	22.64	21.79	22.25	1.94	ppb
Barium	137-1	22.09	21.47	22.02	21.86	1.55	ppb
Beryllium	9-1	19.77	19.96	19.96	19.89	0.55	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	70.90	73.76	76.69	73.79	3.92	ppb
Boron	11-1	71.64	73.88	72.31	72.61	1.58	ppb
Cadmium	111-1	20.28	19.89	19.93	20.03	1.05	ppb
Cadmium	106-1	26.57	28.08	24.85	26.50	6.10	ppb
Cadmium	108-1	43.60	43.53	43.53	43.55	0.09	ppb
Calcium	43-1	99561.54	98499.13	99675.62	99245.43	0.65	ppb
Calcium	44-1	100376.87	99565.20	100356.87	100099.65	0.46	ppb
Chromium	52-2	39.07	39.34	41.10	39.84	2.77	ppb
Cobalt	59-2	19.84	20.41	21.07	20.44	3.02	ppb
Copper	63-2	25.93	26.63	26.46	26.34	1.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	99553.73	101026.90	103774.99	101451.87	2.11	ppb
Iron	57-2	98739.13	100655.97	103782.03	101059.04	2.52	ppb
Krypton	83-1						cps
Lead	206-1	25.08	24.67	25.23	24.99	1.17	ppb
Lead	207-1	23.60	23.86	23.33	23.60	1.12	ppb
Lead	208-1	23.96	23.90	24.04	23.96	0.29	ppb
Lithium	6-1				100		%
Magnesium	24-2	101040.12	103675.35	104494.47	103069.98	1.75	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:22:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.52	27.68	28.30	27.83	1.47	ppb
Molybdenum	94-1	1390.45	1381.95	1412.63	1395.01	1.14	ppb
Molybdenum	95-1	1875.32	1880.47	1893.01	1882.93	0.48	ppb
Molybdenum	96-1	1810.75	1810.92	1841.61	1821.09	0.98	ppb
Molybdenum	97-1	1841.70	1824.89	1856.83	1841.14	0.87	ppb
Molybdenum	98-1	1877.19	1880.11	1900.54	1885.95	0.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.24	25.35	26.76	25.78	3.29	ppb
Phosphorus	31-2	94127.54	96226.68	97605.82	95986.68	1.82	ppb
Potassium	39-2	98938.41	100148.22	102284.99	100457.21	1.69	ppb
Rhodium	103-1				94		%
Rhodium	103-2				96		%
Scandium	45-1				104		%
Scandium	45-2				104		%
Selenium	77-2	17.51	19.74	17.23	18.16	7.56	ppb
Selenium	78-2	19.43	19.42	21.04	19.97	4.66	ppb
Selenium	82-1	19.60	20.33	19.32	19.75	2.64	ppb
Silicon	28-1	70.45	70.69	71.15	70.76	0.50	ppb
Silver	109-1	18.65	18.25	18.17	18.36	1.39	ppb
Silver	107-1	18.55	18.53	18.75	18.61	0.66	ppb
Sodium	23-2	101118.97	102813.33	104124.08	102685.46	1.47	ppb
Strontium	86-1	88.95	89.58	90.90	89.81	1.11	ppb
Strontium	88-1	88.27	88.64	89.44	88.78	0.67	ppb
Sulfur	34-1	95044.12	93425.39	94336.61	94268.71	0.86	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	20.32	19.92	20.45	20.23	1.37	ppb
Thallium	205-1	20.25	20.09	20.56	20.30	1.17	ppb
Thorium	232-1	0.48	0.47	0.49	0.48	2.34	ppb
Tin	118-1	57.72	56.56	56.10	56.79	1.47	ppb
Titanium	47-1	2099.57	2094.40	2082.31	2092.09	0.42	ppb
Uranium	238-1	55.92	54.29	55.40	55.21	1.51	ppb
Vanadium	51-2	18.84	18.77	19.51	19.04	2.15	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:22:49	DataFile Name :	015ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.53	32.02	33.56	32.37	3.27	ppb
Zirconium	90-1	55.26	55.25	56.21	55.58	0.99	ppb
Zirconium	91-1	55.75	56.61	57.04	56.47	1.17	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:49:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51786.12	52042.53	52300.80	52043.15	0.49	ppb
Antimony	121-1	487.75	486.04	483.71	485.84	0.42	ppb
Arsenic	75-2	503.24	502.68	499.86	501.93	0.36	ppb
Barium	135-1	2476.18	2452.01	2469.23	2465.80	0.50	ppb
Barium	137-1	2515.31	2488.65	2505.13	2503.03	0.54	ppb
Beryllium	9-1	489.28	485.84	492.30	489.14	0.66	ppb
Bismuth	209-1				90		%
Bismuth	209-2				87		%
Boron	10-1	477.78	491.91	499.12	489.60	2.22	ppb
Boron	11-1	472.88	474.85	494.05	480.59	2.43	ppb
Cadmium	111-1	476.01	474.04	473.07	474.37	0.32	ppb
Cadmium	106-1	485.68	480.35	485.51	483.85	0.63	ppb
Cadmium	108-1	482.18	479.29	479.57	480.34	0.33	ppb
Calcium	43-1	237576.92	239392.07	237998.09	238322.36	0.40	ppb
Calcium	44-1	238072.55	239192.21	239400.67	238888.47	0.30	ppb
Chromium	52-2	494.24	493.45	494.66	494.11	0.12	ppb
Cobalt	59-2	472.12	480.29	480.07	477.49	0.98	ppb
Copper	63-2	966.97	977.81	978.97	974.59	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				99		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				92		%
Iron	56-2	122804.44	122494.38	123975.26	123091.36	0.63	ppb
Iron	57-2	121451.26	123460.67	123619.14	122843.69	0.98	ppb
Krypton	83-1						cps
Lead	206-1	486.68	497.93	496.04	493.55	1.22	ppb
Lead	207-1	491.46	491.36	492.60	491.81	0.14	ppb
Lead	208-1	493.47	497.02	497.12	495.87	0.42	ppb
Lithium	6-1				98		%
Magnesium	24-2	246690.70	248305.45	250539.36	248511.84	0.78	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:49:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	948.31	956.34	957.11	953.92	0.51	ppb
Molybdenum	94-1	2458.61	2479.87	2456.55	2465.01	0.52	ppb
Molybdenum	95-1	2453.04	2472.15	2454.16	2459.78	0.44	ppb
Molybdenum	96-1	2439.63	2464.74	2452.50	2452.29	0.51	ppb
Molybdenum	97-1	2456.82	2483.48	2460.51	2466.94	0.59	ppb
Molybdenum	98-1	2458.68	2440.14	2440.11	2446.31	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	475.81	482.13	481.60	479.85	0.73	ppb
Phosphorus	31-2	9688.51	10271.51	9595.21	9851.74	3.72	ppb
Potassium	39-2	125181.87	125702.98	125318.44	125401.10	0.22	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	515.39	504.57	527.68	515.88	2.24	ppb
Selenium	78-2	501.33	494.87	502.07	499.42	0.79	ppb
Selenium	82-1	492.48	494.39	496.42	494.43	0.40	ppb
Silicon	28-1	528.97	553.63	565.51	549.37	3.39	ppb
Silver	109-1	482.16	478.99	476.71	479.29	0.57	ppb
Silver	107-1	482.39	476.88	482.63	480.63	0.68	ppb
Sodium	23-2	245920.61	249098.95	249321.42	248113.66	0.77	ppb
Strontium	86-1	490.07	492.91	492.42	491.80	0.31	ppb
Strontium	88-1	486.24	492.96	492.68	490.63	0.77	ppb
Sulfur	34-1	9849.06	9928.84	9816.75	9864.88	0.58	ppb
Terbium	159-1				99		%
Terbium	159-2				97		%
Thallium	203-1	486.32	490.17	488.66	488.38	0.40	ppb
Thallium	205-1	502.98	507.00	504.30	504.76	0.41	ppb
Thorium	232-1	508.82	505.99	504.97	506.59	0.39	ppb
Tin	118-1	491.86	486.50	486.71	488.36	0.62	ppb
Titanium	47-1	2423.62	2442.70	2437.33	2434.55	0.40	ppb
Uranium	238-1	504.68	506.65	503.69	505.01	0.30	ppb
Vanadium	51-2	487.49	488.83	490.58	488.97	0.32	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:49:37	DataFile Name :	016CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	969.66	986.04	986.66	980.79	0.98	ppb
Zirconium	90-1	491.61	496.39	495.52	494.51	0.51	ppb
Zirconium	91-1	493.19	495.72	492.68	493.86	0.33	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:53:13 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.40	2.45	2.60	2.82	18.18	ppb
Antimony	121-1	0.37	0.39	0.39	0.38	3.45	ppb
Arsenic	75-2	0.06	0.02	0.10	0.06	71.75	ppb
Barium	135-1	0.28	0.18	0.26	0.24	22.91	ppb
Barium	137-1	0.27	0.21	0.21	0.23	14.61	ppb
Beryllium	9-1	0.09	0.10	0.12	0.10	11.06	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	19.68	18.96	19.61	19.42	2.05	ppb
Boron	11-1	18.74	18.29	16.86	17.96	5.46	ppb
Cadmium	111-1	-0.03	0.10	0.14	0.07	127.38	ppb
Cadmium	106-1	-1.09	0.50	1.02	0.14	773.93	ppb
Cadmium	108-1	0.05	0.07	0.12	0.08	46.92	ppb
Calcium	43-1	19.38	19.62	18.32	19.10	3.62	ppb
Calcium	44-1	24.55	21.09	19.22	21.62	12.52	ppb
Chromium	52-2	0.01	0.03	0.03	0.03	43.41	ppb
Cobalt	59-2	0.03	0.03	0.02	0.03	22.57	ppb
Copper	63-2	0.15	0.08	0.13	0.12	27.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				104		%
Indium	115-1				106		%
Indium	115-2				106		%
Iron	56-2	8.71	8.56	8.22	8.50	2.95	ppb
Iron	57-2	7.63	7.85	9.33	8.27	11.15	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.07	0.04	0.06	33.77	ppb
Lead	207-1	0.08	0.05	0.03	0.05	45.58	ppb
Lead	208-1	0.06	0.05	0.04	0.05	19.01	ppb
Lithium	6-1				109		%
Magnesium	24-2	18.46	16.10	13.81	16.12	14.40	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:53:13	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.05	0.07	0.06	18.13	ppb
Molybdenum	94-1	0.45	0.41	0.40	0.42	6.08	ppb
Molybdenum	95-1	0.54	0.56	0.40	0.50	17.57	ppb
Molybdenum	96-1	0.47	0.46	0.38	0.44	10.90	ppb
Molybdenum	97-1	0.52	0.52	0.42	0.49	12.42	ppb
Molybdenum	98-1	0.50	0.47	0.36	0.44	16.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.01	-0.02	0.01	371.04	ppb
Phosphorus	31-2	-26.77	-29.78	-17.96	-24.84		ppb
Potassium	39-2	31.68	28.85	28.45	29.66	5.94	ppb
Rhodium	103-1				105		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.08	-0.57	-0.14	-0.21		ppb
Selenium	82-1	-0.14	0.00	0.41	0.09	316.40	ppb
Silicon	28-1	5.37	4.73	3.84	4.65	16.49	ppb
Silver	109-1	0.05	0.06	0.05	0.05	8.04	ppb
Silver	107-1	0.07	0.06	0.04	0.06	33.73	ppb
Sodium	23-2	84.07	73.09	72.01	76.39	8.73	ppb
Strontium	86-1	0.16	0.16	-0.02	0.10	101.49	ppb
Strontium	88-1	0.04	0.04	0.04	0.04	10.52	ppb
Sulfur	34-1	334.02	243.55	202.66	260.08	25.85	ppb
Terbium	159-1				103		%
Terbium	159-2				104		%
Thallium	203-1	0.15	0.15	0.13	0.14	10.04	ppb
Thallium	205-1	0.16	0.15	0.13	0.15	8.43	ppb
Thorium	232-1	0.12	0.10	0.10	0.11	11.78	ppb
Tin	118-1	0.19	0.17	0.20	0.19	10.13	ppb
Titanium	47-1	0.28	0.21	0.24	0.24	14.19	ppb
Uranium	238-1	0.05	0.04	0.03	0.04	18.21	ppb
Vanadium	51-2	0.02	0.02	0.02	0.02	5.57	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:53:13	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.15	-0.03	0.07	0.07	135.77	ppb
Zirconium	90-1	0.06	0.08	0.06	0.07	12.83	ppb
Zirconium	91-1	0.09	0.08	0.09	0.09	4.49	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.78	20.46	22.29	20.84	6.23	ppb
Antimony	121-1	2.22	2.05	2.13	2.13	3.87	ppb
Arsenic	75-2	0.88	1.14	0.97	0.99	12.94	ppb
Barium	135-1	10.25	10.39	10.39	10.34	0.78	ppb
Barium	137-1	10.43	10.29	10.27	10.33	0.84	ppb
Beryllium	9-1	1.02	0.99	1.05	1.02	3.30	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	31.50	30.86	32.25	31.54	2.20	ppb
Boron	11-1	31.99	30.93	31.84	31.59	1.81	ppb
Cadmium	111-1	1.13	1.07	1.10	1.10	2.90	ppb
Cadmium	106-1	1.72	1.80	0.97	1.50	30.68	ppb
Cadmium	108-1	0.65	1.28	0.85	0.92	34.79	ppb
Calcium	43-1	492.21	500.04	485.99	492.75	1.43	ppb
Calcium	44-1	488.44	489.63	496.09	491.39	0.84	ppb
Chromium	52-2	1.95	1.98	1.96	1.97	0.76	ppb
Cobalt	59-2	0.96	1.04	1.07	1.03	5.38	ppb
Copper	63-2	2.05	2.06	2.05	2.05	0.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				107		%
Iron	56-2	55.19	56.62	57.51	56.44	2.08	ppb
Iron	57-2	59.17	59.55	57.05	58.59	2.30	ppb
Krypton	83-1						cps
Lead	206-1	0.94	0.89	0.96	0.93	3.60	ppb
Lead	207-1	0.98	0.90	0.95	0.95	4.17	ppb
Lead	208-1	0.96	0.92	0.96	0.95	2.56	ppb
Lithium	6-1				112		%
Magnesium	24-2	545.38	547.35	538.32	543.68	0.87	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.00	1.09	0.98	1.02	5.61	ppb
Molybdenum	94-1	4.83	4.84	4.78	4.82	0.69	ppb
Molybdenum	95-1	4.88	4.75	4.70	4.78	1.97	ppb
Molybdenum	96-1	4.63	4.76	4.79	4.73	1.76	ppb
Molybdenum	97-1	4.92	4.65	4.66	4.74	3.28	ppb
Molybdenum	98-1	4.84	4.79	4.67	4.76	1.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.02	0.95	1.17	1.04	10.65	ppb
Phosphorus	31-2	15.55	15.64	56.21	29.13	80.49	ppb
Potassium	39-2	531.74	514.54	517.83	521.37	1.75	ppb
Rhodium	103-1				108		%
Rhodium	103-2				108		%
Scandium	45-1				112		%
Scandium	45-2				112		%
Selenium	77-2	9.63	5.78	6.43	7.28	28.34	ppb
Selenium	78-2	5.95	7.74	4.17	5.95	30.00	ppb
Selenium	82-1	5.48	5.48	6.35	5.77	8.64	ppb
Silicon	28-1	9.48	9.70	9.25	9.48	2.38	ppb
Silver	109-1	1.08	1.08	1.08	1.08	0.29	ppb
Silver	107-1	1.06	1.09	1.05	1.07	1.81	ppb
Sodium	23-2	540.71	543.10	541.26	541.69	0.23	ppb
Strontium	86-1	1.17	0.94	1.04	1.05	10.93	ppb
Strontium	88-1	0.96	1.00	0.92	0.96	3.90	ppb
Sulfur	34-1	173.65	310.22	251.78	245.21	27.94	ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.98	0.94	1.04	0.98	5.02	ppb
Thallium	205-1	0.99	0.96	0.98	0.98	1.39	ppb
Thorium	232-1	0.89	0.86	0.85	0.87	2.30	ppb
Tin	118-1	5.34	5.42	5.20	5.32	2.07	ppb
Titanium	47-1	5.22	5.09	5.14	5.15	1.22	ppb
Uranium	238-1	0.88	0.86	0.89	0.88	1.97	ppb
Vanadium	51-2	5.17	5.12	5.24	5.18	1.16	ppb
Yttrium	89-1				111		%
Yttrium	89-2				109		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.74	1.77	2.00	1.84	7.79	ppb
Zirconium	90-1	0.92	0.93	0.92	0.92	0.72	ppb
Zirconium	91-1	1.03	0.93	1.01	0.99	5.56	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : PB123705BL Instrumnet Name : P7
 Client Sample ID : PB123705BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:01:15 DataFile Name : 019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.85	1.23	1.10	1.06	18.29	ppb
Antimony	121-1	0.02	0.05	0.03	0.03	47.33	ppb
Arsenic	75-2	0.01	-0.02	-0.02	-0.01		ppb
Barium	135-1	0.01	-0.01	-0.01	0.00		ppb
Barium	137-1	0.01	0.01	0.02	0.01	66.52	ppb
Beryllium	9-1	0.03	0.00	0.02	0.02	110.40	ppb
Bismuth	209-1				105		%
Bismuth	209-2				104		%
Boron	10-1	7.65	7.51	7.63	7.60	1.03	ppb
Boron	11-1	7.05	7.42	6.83	7.10	4.18	ppb
Cadmium	111-1	0.00	-0.01	0.05	0.01	251.14	ppb
Cadmium	106-1	-0.03	-0.25	0.48	0.06	591.97	ppb
Cadmium	108-1	0.09	0.02	-0.03	0.03	210.97	ppb
Calcium	43-1	1.62	1.28	0.44	1.11	54.83	ppb
Calcium	44-1	1.92	3.14	4.05	3.04	35.11	ppb
Chromium	52-2	0.01	-0.05	-0.02	-0.02		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00		ppb
Copper	63-2	0.03	0.03	0.05	0.03	30.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				110		%
Indium	115-2				108		%
Iron	56-2	0.41	0.45	0.47	0.44	6.07	ppb
Iron	57-2	1.45	1.16	0.19	0.94	70.42	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.01	0.00	0.00	8432.05	ppb
Lead	207-1	0.00	0.00	0.01	0.00	70.07	ppb
Lead	208-1	0.00	0.00	0.00	0.00	26.24	ppb
Lithium	6-1				114		%
Magnesium	24-2	1.28	1.53	1.42	1.41	8.90	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BL	Instrumnet Name :	P7
Client Sample ID :	PB123705BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:01:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.99	0.99	1.01	1.00	1.22	ppb
Molybdenum	94-1	-0.01	0.02	0.04	0.02	150.12	ppb
Molybdenum	95-1	0.04	0.02	0.03	0.03	34.62	ppb
Molybdenum	96-1	0.04	0.04	0.04	0.04	6.33	ppb
Molybdenum	97-1	0.04	0.07	0.04	0.05	34.10	ppb
Molybdenum	98-1	0.03	0.01	0.02	0.02	32.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.04	-0.03		ppb
Phosphorus	31-2	-29.92	-27.12	-32.84	-29.96		ppb
Potassium	39-2	17.79	14.78	19.79	17.45	14.46	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				114		%
Scandium	45-2				112		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.37	-0.06	0.25	-0.06		ppb
Selenium	82-1	-0.40	-0.97	-0.27	-0.54		ppb
Silicon	28-1	0.98	1.61	1.10	1.23	27.18	ppb
Silver	109-1	0.00	0.01	0.00	0.00	314.82	ppb
Silver	107-1	0.00	0.00	0.00	0.00		ppb
Sodium	23-2	23.32	23.69	22.91	23.31	1.66	ppb
Strontium	86-1	-0.01	-0.03	-0.01	-0.02		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	13.14	ppb
Sulfur	34-1	435.10	449.20	338.60	407.63	14.77	ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.03	0.03	0.03	0.03	6.29	ppb
Thallium	205-1	0.03	0.02	0.03	0.03	23.76	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.78	ppb
Tin	118-1	-0.01	-0.03	0.01	-0.01		ppb
Titanium	47-1	0.02	-0.04	-0.03	-0.02		ppb
Uranium	238-1	-0.01	0.00	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	258.92	ppb
Yttrium	89-1				113		%
Yttrium	89-2				110		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BL	Instrumnet Name :	P7
Client Sample ID :	PB123705BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:01:15	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.65	0.74	0.58	0.66	11.88	ppb
Zirconium	90-1	-0.01	0.01	0.01	0.00	297.94	ppb
Zirconium	91-1	0.02	-0.01	0.03	0.01	124.30	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BS	Instrumnet Name :	P7
Client Sample ID :	PB123705BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:04:49	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9918.83	10030.49	9809.82	9919.71	1.11	ppb
Antimony	121-1	514.16	510.24	509.49	511.30	0.49	ppb
Arsenic	75-2	513.47	515.53	519.51	516.17	0.59	ppb
Barium	135-1	2549.99	2548.13	2543.63	2547.25	0.13	ppb
Barium	137-1	2582.42	2571.15	2567.32	2573.63	0.31	ppb
Beryllium	9-1	499.98	500.33	501.93	500.74	0.21	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	484.42	488.26	483.89	485.52	0.49	ppb
Boron	11-1	478.18	494.18	490.86	487.74	1.73	ppb
Cadmium	111-1	495.65	496.38	498.83	496.96	0.34	ppb
Cadmium	106-1	507.43	505.12	507.72	506.76	0.28	ppb
Cadmium	108-1	503.24	503.08	499.39	501.90	0.43	ppb
Calcium	43-1	50224.32	50135.00	49797.27	50052.20	0.45	ppb
Calcium	44-1	49826.22	49577.99	49971.79	49792.00	0.40	ppb
Chromium	52-2	491.86	500.64	490.54	494.35	1.11	ppb
Cobalt	59-2	496.95	500.65	496.62	498.07	0.45	ppb
Copper	63-2	955.72	976.12	968.08	966.64	1.06	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				100		%
Iron	56-2	25779.99	26210.44	25644.41	25878.28	1.14	ppb
Iron	57-2	25735.67	26141.87	25879.81	25919.12	0.79	ppb
Krypton	83-1						cps
Lead	206-1	493.07	493.18	493.31	493.19	0.02	ppb
Lead	207-1	488.16	491.66	485.88	488.57	0.60	ppb
Lead	208-1	493.34	494.78	490.63	492.92	0.43	ppb
Lithium	6-1				105		%
Magnesium	24-2	52817.27	53220.53	52447.24	52828.34	0.73	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BS	Instrumnet Name :	P7
Client Sample ID :	PB123705BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:04:49	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	977.62	994.75	981.60	984.66	0.91	ppb
Molybdenum	94-1	2496.67	2476.69	2491.76	2488.37	0.42	ppb
Molybdenum	95-1	2505.80	2484.62	2490.34	2493.59	0.44	ppb
Molybdenum	96-1	2497.75	2468.07	2476.03	2480.62	0.62	ppb
Molybdenum	97-1	2503.25	2481.39	2484.49	2489.71	0.48	ppb
Molybdenum	98-1	2483.77	2474.45	2491.39	2483.20	0.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.25	508.31	503.73	504.10	0.80	ppb
Phosphorus	31-2	10258.89	10133.18	9694.35	10028.81	2.96	ppb
Potassium	39-2	25341.78	25407.86	25378.44	25376.02	0.13	ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				107		%
Scandium	45-2				107		%
Selenium	77-2	533.29	532.74	555.66	540.56	2.42	ppb
Selenium	78-2	519.87	527.72	523.33	523.64	0.75	ppb
Selenium	82-1	521.30	516.25	514.82	517.45	0.66	ppb
Silicon	28-1	615.20	649.76	648.17	637.71	3.06	ppb
Silver	109-1	504.79	501.08	499.02	501.63	0.58	ppb
Silver	107-1	511.32	504.81	507.79	507.97	0.64	ppb
Sodium	23-2	51755.23	52456.68	51575.95	51929.29	0.90	ppb
Strontium	86-1	505.87	504.10	498.33	502.77	0.78	ppb
Strontium	88-1	497.74	495.53	499.61	497.63	0.41	ppb
Sulfur	34-1	9710.24	10005.28	9788.84	9834.79	1.55	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	485.50	486.66	485.23	485.80	0.16	ppb
Thallium	205-1	494.34	505.33	499.58	499.75	1.10	ppb
Thorium	232-1	479.92	483.06	479.55	480.85	0.40	ppb
Tin	118-1	515.20	511.56	507.45	511.41	0.76	ppb
Titanium	47-1	2449.45	2472.54	2467.47	2463.15	0.49	ppb
Uranium	238-1	477.41	478.34	472.82	476.19	0.62	ppb
Vanadium	51-2	492.91	501.70	493.17	495.93	1.01	ppb
Yttrium	89-1				106		%
Yttrium	89-2				104		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BS	Instrumnet Name :	P7
Client Sample ID :	PB123705BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:04:49	DataFile Name :	020LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	934.40	949.81	943.02	942.41	0.82	ppb
Zirconium	90-1	503.75	509.72	507.04	506.84	0.59	ppb
Zirconium	91-1	506.39	503.68	507.38	505.81	0.38	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	37.30	43.11	37.89	39.44	8.11	ppb
Antimony	121-1	0.96	0.96	0.89	0.94	4.62	ppb
Arsenic	75-2	2.36	2.29	2.52	2.39	5.03	ppb
Barium	135-1	10.39	9.84	10.16	10.13	2.74	ppb
Barium	137-1	10.36	10.07	9.72	10.05	3.20	ppb
Beryllium	9-1	0.14	0.05	0.06	0.08	59.87	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	59.91	56.02	57.73	57.88	3.37	ppb
Boron	11-1	58.00	58.12	55.87	57.33	2.21	ppb
Cadmium	111-1	0.13	0.12	0.02	0.09	65.74	ppb
Cadmium	106-1	0.12	0.19	-0.58	-0.09		ppb
Cadmium	108-1	0.44	0.26	0.33	0.34	26.73	ppb
Calcium	43-1	659.15	631.72	631.92	640.93	2.46	ppb
Calcium	44-1	701.72	694.80	683.62	693.38	1.32	ppb
Chromium	52-2	1.09	1.09	1.07	1.08	1.02	ppb
Cobalt	59-2	0.04	0.05	0.04	0.05	12.71	ppb
Copper	63-2	1080.97	1078.84	1078.08	1079.30	0.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	80.29	77.79	78.88	78.99	1.59	ppb
Iron	57-2	83.67	78.91	86.82	83.13	4.79	ppb
Krypton	83-1						cps
Lead	206-1	63.42	62.16	62.59	62.73	1.02	ppb
Lead	207-1	57.77	57.30	57.21	57.42	0.52	ppb
Lead	208-1	59.60	59.24	58.94	59.26	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	111.35	113.50	116.04	113.63	2.07	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.64	1.44	1.37	1.49	9.27	ppb
Molybdenum	94-1	6.78	6.84	6.74	6.79	0.74	ppb
Molybdenum	95-1	8.90	8.45	8.42	8.59	3.13	ppb
Molybdenum	96-1	8.50	8.00	8.39	8.30	3.21	ppb
Molybdenum	97-1	8.59	8.76	8.41	8.59	2.02	ppb
Molybdenum	98-1	8.79	8.50	8.40	8.56	2.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.75	4.57	4.51	4.61	2.72	ppb
Phosphorus	31-2	39.43	25.89	36.19	33.83	20.90	ppb
Potassium	39-2	70.63	68.02	63.53	67.39	5.33	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	0.72	0.73	0.00	0.48	86.61	ppb
Selenium	78-2	0.30	0.44	-0.16	0.19	163.48	ppb
Selenium	82-1	1.38	1.82	1.02	1.40	28.45	ppb
Silicon	28-1	5872.38	5835.44	5850.36	5852.72	0.32	ppb
Silver	109-1	0.28	0.24	0.27	0.26	8.99	ppb
Silver	107-1	0.27	0.25	0.23	0.25	8.24	ppb
Sodium	23-2	79072.31	78312.00	78323.11	78569.14	0.55	ppb
Strontium	86-1	3.73	3.50	3.56	3.60	3.32	ppb
Strontium	88-1	3.55	3.54	3.42	3.50	2.11	ppb
Sulfur	34-1	8640.37	8319.23	8336.08	8431.89	2.14	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.15	0.12	0.12	0.13	13.46	ppb
Thallium	205-1	0.17	0.13	0.11	0.13	23.33	ppb
Thorium	232-1	0.25	0.21	0.20	0.22	12.58	ppb
Tin	118-1	10.46	10.20	10.17	10.28	1.54	ppb
Titanium	47-1	1.58	1.31	1.23	1.37	13.40	ppb
Uranium	238-1	0.34	0.32	0.31	0.32	4.77	ppb
Vanadium	51-2	1.28	1.26	1.28	1.27	0.98	ppb
Yttrium	89-1				99		%
Yttrium	89-2				97		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	580.62	570.75	572.41	574.59	0.92	ppb
Zirconium	90-1	0.41	0.46	0.49	0.46	9.06	ppb
Zirconium	91-1	0.59	0.49	0.43	0.51	15.97	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.07	43.84	40.29	45.07	12.18	ppb
Antimony	121-1	0.53	0.56	0.50	0.53	5.64	ppb
Arsenic	75-2	2.31	2.59	2.41	2.44	5.75	ppb
Barium	135-1	9.30	10.12	10.37	9.93	5.64	ppb
Barium	137-1	10.04	9.64	9.90	9.86	2.05	ppb
Beryllium	9-1	0.03	0.04	0.04	0.04	18.36	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	47.94	46.48	44.61	46.34	3.61	ppb
Boron	11-1	45.85	46.30	46.04	46.06	0.50	ppb
Cadmium	111-1	0.04	-0.04	-0.02	0.00		ppb
Cadmium	106-1	0.15	-0.94	-0.79	-0.53		ppb
Cadmium	108-1	0.41	0.26	0.41	0.36	24.69	ppb
Calcium	43-1	638.93	625.97	628.99	631.30	1.07	ppb
Calcium	44-1	692.45	680.22	691.83	688.17	1.00	ppb
Chromium	52-2	1.06	1.04	1.03	1.04	1.65	ppb
Cobalt	59-2	0.03	0.04	0.03	0.04	20.16	ppb
Copper	63-2	1078.23	1097.74	1114.36	1096.77	1.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	78.70	78.87	89.57	82.38	7.56	ppb
Iron	57-2	77.07	79.35	80.33	78.92	2.12	ppb
Krypton	83-1						cps
Lead	206-1	62.66	63.28	61.89	62.61	1.11	ppb
Lead	207-1	57.73	58.15	57.39	57.76	0.65	ppb
Lead	208-1	59.27	59.50	59.22	59.33	0.25	ppb
Lithium	6-1				96		%
Magnesium	24-2	112.50	108.09	114.67	111.76	3.00	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.51	1.37	1.52	1.47	5.84	ppb
Molybdenum	94-1	5.97	6.28	6.54	6.27	4.54	ppb
Molybdenum	95-1	8.12	7.93	8.26	8.10	2.07	ppb
Molybdenum	96-1	8.22	7.97	7.68	7.96	3.44	ppb
Molybdenum	97-1	8.30	8.35	8.03	8.22	2.12	ppb
Molybdenum	98-1	8.22	8.14	8.30	8.22	0.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.42	4.58	4.84	4.61	4.58	ppb
Phosphorus	31-2	53.36	76.87	64.93	65.06	18.07	ppb
Potassium	39-2	68.71	67.20	66.04	67.32	1.99	ppb
Rhodium	103-1				92		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				97		%
Selenium	77-2	0.00	2.20	0.00	0.73	173.21	ppb
Selenium	78-2	0.33	0.08	0.34	0.25	57.49	ppb
Selenium	82-1	0.36	-0.16	0.06	0.09	297.42	ppb
Silicon	28-1	5917.69	5840.16	5884.93	5880.93	0.66	ppb
Silver	109-1	0.23	0.24	0.23	0.23	2.72	ppb
Silver	107-1	0.23	0.21	0.23	0.22	3.97	ppb
Sodium	23-2	78913.63	79843.10	81181.16	79979.30	1.43	ppb
Strontium	86-1	3.68	3.49	3.56	3.57	2.60	ppb
Strontium	88-1	3.48	3.39	3.43	3.43	1.26	ppb
Sulfur	34-1	8350.87	8285.87	8216.46	8284.40	0.81	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	0.06	0.06	0.04	0.05	19.08	ppb
Thallium	205-1	0.06	0.05	0.05	0.05	8.99	ppb
Thorium	232-1	0.07	0.06	0.06	0.07	4.75	ppb
Tin	118-1	9.88	10.05	10.00	9.98	0.88	ppb
Titanium	47-1	1.17	1.22	1.03	1.14	8.64	ppb
Uranium	238-1	0.28	0.28	0.28	0.28	0.33	ppb
Vanadium	51-2	1.36	1.35	1.34	1.35	0.58	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	573.59	579.67	588.43	580.56	1.28	ppb
Zirconium	90-1	0.39	0.36	0.38	0.38	4.73	ppb
Zirconium	91-1	0.42	0.35	0.38	0.38	9.32	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.92	8.27	8.04	8.08	2.21	ppb
Antimony	121-1	0.13	0.11	0.12	0.12	7.86	ppb
Arsenic	75-2	0.49	0.56	0.45	0.50	11.27	ppb
Barium	135-1	2.09	1.98	2.03	2.03	2.69	ppb
Barium	137-1	2.03	1.99	2.02	2.01	1.07	ppb
Beryllium	9-1	0.03	0.05	0.02	0.04	48.94	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	14.62	15.25	14.44	14.77	2.88	ppb
Boron	11-1	15.15	15.42	14.94	15.17	1.59	ppb
Cadmium	111-1	-0.06	0.03	0.01	-0.01		ppb
Cadmium	106-1	-1.09	0.07	-0.02	-0.35		ppb
Cadmium	108-1	0.02	-0.02	0.07	0.02	207.20	ppb
Calcium	43-1	129.42	117.84	115.76	121.01	6.08	ppb
Calcium	44-1	137.45	140.67	139.56	139.23	1.17	ppb
Chromium	52-2	0.20	0.19	0.22	0.20	7.50	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	537.19	ppb
Copper	63-2	218.63	218.05	219.21	218.63	0.26	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				101		%
Indium	115-1				104		%
Indium	115-2				101		%
Iron	56-2	15.52	15.25	17.42	16.06	7.35	ppb
Iron	57-2	13.15	14.81	15.78	14.58	9.15	ppb
Krypton	83-1						cps
Lead	206-1	12.22	12.13	12.10	12.15	0.51	ppb
Lead	207-1	11.40	11.24	11.15	11.26	1.15	ppb
Lead	208-1	11.72	11.46	11.43	11.54	1.37	ppb
Lithium	6-1				103		%
Magnesium	24-2	22.80	20.79	20.95	21.51	5.19	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.95	1.09	1.03	1.02	6.93	ppb
Molybdenum	94-1	1.27	1.20	1.23	1.23	3.01	ppb
Molybdenum	95-1	1.71	1.58	1.66	1.65	4.03	ppb
Molybdenum	96-1	1.60	1.68	1.65	1.64	2.41	ppb
Molybdenum	97-1	1.74	1.57	1.68	1.66	5.21	ppb
Molybdenum	98-1	1.59	1.57	1.64	1.60	2.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.86	0.78	0.86	0.83	5.27	ppb
Phosphorus	31-2	-19.99	-4.81	-13.89	-12.90		ppb
Potassium	39-2	26.01	28.75	21.98	25.58	13.31	ppb
Rhodium	103-1				101		%
Rhodium	103-2				101		%
Scandium	45-1				105		%
Scandium	45-2				104		%
Selenium	77-2	0.00	0.68	0.68	0.45	86.60	ppb
Selenium	78-2	-0.88	-0.10	-0.21	-0.40		ppb
Selenium	82-1	0.52	0.50	-1.01	0.00	29147.39	ppb
Silicon	28-1	1164.57	1159.76	1165.25	1163.19	0.26	ppb
Silver	109-1	0.04	0.05	0.06	0.05	24.46	ppb
Silver	107-1	0.05	0.04	0.05	0.05	8.97	ppb
Sodium	23-2	15415.52	15514.34	15574.67	15501.51	0.52	ppb
Strontium	86-1	0.77	0.51	0.45	0.57	29.96	ppb
Strontium	88-1	0.74	0.70	0.67	0.70	4.94	ppb
Sulfur	34-1	867.81	729.50	821.65	806.32	8.73	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.03	0.04	0.03	21.80	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	9.08	ppb
Thorium	232-1	0.02	0.01	0.02	0.02	17.98	ppb
Tin	118-1	2.01	1.97	1.97	1.98	1.22	ppb
Titanium	47-1	0.24	0.27	0.28	0.27	8.00	ppb
Uranium	238-1	0.05	0.05	0.05	0.05	2.69	ppb
Vanadium	51-2	0.26	0.29	0.32	0.29	10.05	ppb
Yttrium	89-1				105		%
Yttrium	89-2				102		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	124.46	124.01	124.65	124.37	0.27	ppb
Zirconium	90-1	0.06	0.07	0.05	0.06	18.76	ppb
Zirconium	91-1	0.07	0.07	0.07	0.07	4.65	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : K5186-01MS Instrumnet Name : P7
 Client Sample ID : 390927052MS Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:19:07 DataFile Name : 024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2079.52	2038.04	2035.25	2050.94	1.21	ppb
Antimony	121-1	871.28	882.55	864.80	872.87	1.03	ppb
Arsenic	75-2	784.13	795.42	797.90	792.48	0.93	ppb
Barium	135-1	224.56	229.29	224.73	226.19	1.19	ppb
Barium	137-1	226.54	229.89	225.28	227.24	1.05	ppb
Beryllium	9-1	191.82	191.33	191.96	191.71	0.17	ppb
Bismuth	209-1				91		%
Bismuth	209-2				91		%
Boron	10-1	335.13	346.30	341.35	340.93	1.64	ppb
Boron	11-1	334.34	335.79	338.86	336.33	0.69	ppb
Cadmium	111-1	193.21	196.00	191.56	193.59	1.16	ppb
Cadmium	106-1	150.51	151.71	150.44	150.89	0.47	ppb
Cadmium	108-1	160.42	165.93	165.02	163.79	1.80	ppb
Calcium	43-1	1625.93	1620.15	1598.97	1615.02	0.88	ppb
Calcium	44-1	1654.77	1621.14	1649.12	1641.68	1.10	ppb
Chromium	52-2	420.58	416.84	414.25	417.22	0.76	ppb
Cobalt	59-2	215.53	211.83	211.06	212.81	1.12	ppb
Copper	63-2	1433.19	1409.44	1415.27	1419.30	0.87	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				96		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	3426.05	3363.99	3355.93	3381.99	1.13	ppb
Iron	57-2	3428.11	3349.30	3337.42	3371.61	1.46	ppb
Krypton	83-1						cps
Lead	206-1	1093.16	1099.56	1098.90	1097.21	0.32	ppb
Lead	207-1	1086.97	1092.22	1085.24	1088.14	0.33	ppb
Lead	208-1	1086.15	1094.84	1094.13	1091.71	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	2375.48	2369.09	2327.40	2357.33	1.11	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MS	Instrumnet Name :	P7
Client Sample ID :	390927052MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:19:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	209.53	204.55	203.15	205.75	1.63	ppb
Molybdenum	94-1	287.52	286.80	284.38	286.23	0.57	ppb
Molybdenum	95-1	405.59	404.21	399.52	403.11	0.79	ppb
Molybdenum	96-1	388.69	390.61	384.86	388.05	0.76	ppb
Molybdenum	97-1	399.46	401.66	400.92	400.68	0.28	ppb
Molybdenum	98-1	407.14	404.61	403.41	405.05	0.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	548.26	536.92	534.69	539.96	1.35	ppb
Phosphorus	31-2	5777.36	5725.83	5999.04	5834.08	2.49	ppb
Potassium	39-2	10890.72	10621.66	10657.14	10723.17	1.36	ppb
Rhodium	103-1				92		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	1793.88	1843.58	1843.75	1827.07	1.57	ppb
Selenium	78-2	1806.15	1834.54	1840.83	1827.17	1.01	ppb
Selenium	82-1	1844.13	1822.75	1822.62	1829.83	0.68	ppb
Silicon	28-1	6925.04	6942.42	6962.71	6943.39	0.27	ppb
Silver	109-1	80.20	80.24	78.17	79.53	1.49	ppb
Silver	107-1	80.23	81.42	79.02	80.22	1.49	ppb
Sodium	23-2	85212.46	83880.26	83217.67	84103.46	1.21	ppb
Strontium	86-1	212.58	215.89	211.15	213.21	1.14	ppb
Strontium	88-1	210.56	208.14	206.62	208.44	0.95	ppb
Sulfur	34-1	8488.51	8094.70	8009.74	8197.65	3.12	ppb
Terbium	159-1				96		%
Terbium	159-2				96		%
Thallium	203-1	2041.53	2050.52	2047.94	2046.66	0.23	ppb
Thallium	205-1	2048.62	2046.84	2046.12	2047.19	0.06	ppb
Thorium	232-1	0.08	0.08	0.08	0.08	2.45	ppb
Tin	118-1	777.80	775.60	770.35	774.58	0.49	ppb
Titanium	47-1	218.04	217.87	215.48	217.13	0.66	ppb
Uranium	238-1	0.28	0.27	0.28	0.28	2.02	ppb
Vanadium	51-2	316.67	310.46	308.22	311.78	1.40	ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MS	Instrumnet Name :	P7
Client Sample ID :	390927052MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:19:07	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	767.43	762.12	759.15	762.90	0.55	ppb
Zirconium	90-1	0.81	0.74	0.74	0.76	4.92	ppb
Zirconium	91-1	1.33	1.30	1.37	1.34	2.87	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1944.50	1943.47	1942.77	1943.58	0.04	ppb
Antimony	121-1	817.62	817.90	826.44	820.65	0.61	ppb
Arsenic	75-2	774.56	767.59	760.15	767.44	0.94	ppb
Barium	135-1	217.39	215.88	219.80	217.69	0.91	ppb
Barium	137-1	217.55	217.24	221.16	218.65	1.00	ppb
Beryllium	9-1	183.68	181.18	184.05	182.97	0.85	ppb
Bismuth	209-1				93		%
Bismuth	209-2				92		%
Boron	10-1	326.43	329.90	337.43	331.25	1.70	ppb
Boron	11-1	329.02	330.41	337.66	332.37	1.40	ppb
Cadmium	111-1	185.93	184.97	186.43	185.77	0.40	ppb
Cadmium	106-1	144.22	138.04	144.00	142.09	2.47	ppb
Cadmium	108-1	162.77	163.20	155.68	160.55	2.63	ppb
Calcium	43-1	1588.73	1545.69	1545.24	1559.89	1.60	ppb
Calcium	44-1	1578.77	1549.29	1564.08	1564.05	0.94	ppb
Chromium	52-2	398.00	400.11	401.65	399.92	0.46	ppb
Cobalt	59-2	203.12	204.58	204.35	204.02	0.38	ppb
Copper	63-2	1372.19	1382.06	1375.07	1376.44	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				97		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				93		%
Iron	56-2	3215.96	3242.35	3226.96	3228.42	0.41	ppb
Iron	57-2	3215.70	3230.66	3269.25	3238.53	0.85	ppb
Krypton	83-1						cps
Lead	206-1	1062.86	1043.87	1035.70	1047.48	1.33	ppb
Lead	207-1	1042.08	1033.84	1031.84	1035.92	0.52	ppb
Lead	208-1	1045.88	1040.42	1034.51	1040.27	0.55	ppb
Lithium	6-1				101		%
Magnesium	24-2	2231.25	2239.95	2258.25	2243.15	0.61	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	196.56	197.38	196.92	196.95	0.21	ppb
Molybdenum	94-1	268.35	269.86	267.35	268.52	0.47	ppb
Molybdenum	95-1	375.88	380.94	373.88	376.90	0.96	ppb
Molybdenum	96-1	363.07	363.25	359.44	361.92	0.59	ppb
Molybdenum	97-1	374.01	375.41	371.43	373.61	0.54	ppb
Molybdenum	98-1	374.57	376.71	373.98	375.09	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	515.49	518.04	517.07	516.87	0.25	ppb
Phosphorus	31-2	5373.38	5522.92	5767.94	5554.75	3.59	ppb
Potassium	39-2	10330.87	10305.33	10261.55	10299.25	0.34	ppb
Rhodium	103-1				94		%
Rhodium	103-2				95		%
Scandium	45-1				100		%
Scandium	45-2				99		%
Selenium	77-2	1785.90	1761.79	1727.98	1758.56	1.65	ppb
Selenium	78-2	1748.53	1744.67	1756.45	1749.88	0.34	ppb
Selenium	82-1	1763.30	1765.76	1752.84	1760.63	0.39	ppb
Silicon	28-1	6639.78	6717.93	6783.53	6713.75	1.07	ppb
Silver	109-1	77.17	76.24	76.62	76.68	0.61	ppb
Silver	107-1	76.99	76.30	76.95	76.75	0.51	ppb
Sodium	23-2	81308.53	81720.03	81285.62	81438.06	0.30	ppb
Strontium	86-1	203.49	203.27	201.49	202.75	0.54	ppb
Strontium	88-1	199.59	201.83	198.97	200.13	0.75	ppb
Sulfur	34-1	7535.40	7533.47	7478.31	7515.73	0.43	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	1966.03	1967.68	1935.81	1956.51	0.92	ppb
Thallium	205-1	1970.39	1949.36	1934.59	1951.45	0.92	ppb
Thorium	232-1	0.05	0.06	0.04	0.05	13.55	ppb
Tin	118-1	734.08	724.47	726.37	728.31	0.70	ppb
Titanium	47-1	198.10	204.40	207.41	203.30	2.34	ppb
Uranium	238-1	0.28	0.28	0.27	0.28	1.64	ppb
Vanadium	51-2	301.10	295.71	296.08	297.63	1.01	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	736.92	745.93	746.63	743.16	0.73	ppb
Zirconium	90-1	0.59	0.62	0.60	0.60	2.45	ppb
Zirconium	91-1	1.16	1.23	1.28	1.22	4.90	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01A	Instrumnet Name :	P7
Client Sample ID :	390927052A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:26:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2042.71	2026.57	2015.71	2028.33	0.67	ppb
Antimony	121-1	862.50	856.46	855.32	858.09	0.45	ppb
Arsenic	75-2	790.89	789.42	787.34	789.22	0.23	ppb
Barium	135-1	226.73	224.83	224.81	225.46	0.49	ppb
Barium	137-1	226.54	224.50	224.71	225.25	0.50	ppb
Beryllium	9-1	186.75	187.90	188.69	187.78	0.52	ppb
Bismuth	209-1				92		%
Bismuth	209-2				92		%
Boron	10-1	340.85	338.00	351.82	343.55	2.12	ppb
Boron	11-1	346.39	346.20	347.58	346.72	0.22	ppb
Cadmium	111-1	193.05	190.10	191.92	191.69	0.78	ppb
Cadmium	106-1	148.81	149.17	149.73	149.24	0.31	ppb
Cadmium	108-1	165.73	167.08	162.05	164.95	1.58	ppb
Calcium	43-1	1603.05	1606.76	1612.31	1607.37	0.29	ppb
Calcium	44-1	1620.43	1599.93	1604.50	1608.29	0.67	ppb
Chromium	52-2	410.98	407.04	405.07	407.70	0.74	ppb
Cobalt	59-2	209.77	211.09	209.83	210.23	0.35	ppb
Copper	63-2	1408.40	1401.26	1395.40	1401.69	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				94		%
Iron	56-2	3321.75	3309.23	3303.93	3311.64	0.28	ppb
Iron	57-2	3320.44	3342.20	3329.29	3330.64	0.33	ppb
Krypton	83-1						cps
Lead	206-1	1093.23	1089.86	1090.48	1091.19	0.16	ppb
Lead	207-1	1073.72	1073.03	1080.95	1075.90	0.41	ppb
Lead	208-1	1076.30	1080.88	1081.92	1079.70	0.28	ppb
Lithium	6-1				102		%
Magnesium	24-2	2316.01	2302.93	2254.14	2291.03	1.42	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01A	Instrumnet Name :	P7
Client Sample ID :	390927052A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:26:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	201.95	201.36	199.91	201.07	0.52	ppb
Molybdenum	94-1	279.16	279.59	276.18	278.31	0.67	ppb
Molybdenum	95-1	393.41	390.41	388.19	390.67	0.67	ppb
Molybdenum	96-1	380.37	376.50	377.42	378.10	0.53	ppb
Molybdenum	97-1	393.25	393.02	393.28	393.18	0.04	ppb
Molybdenum	98-1	392.17	391.37	392.32	391.95	0.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	535.15	534.74	529.30	533.06	0.61	ppb
Phosphorus	31-2	5619.04	5698.30	5621.10	5646.15	0.80	ppb
Potassium	39-2	10645.17	10652.34	10480.88	10592.80	0.92	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	1831.25	1769.17	1790.63	1797.02	1.75	ppb
Selenium	78-2	1792.28	1806.30	1814.65	1804.41	0.63	ppb
Selenium	82-1	1809.01	1804.02	1778.20	1797.08	0.92	ppb
Silicon	28-1	6937.71	6881.52	6892.20	6903.81	0.43	ppb
Silver	109-1	79.02	79.22	78.26	78.83	0.64	ppb
Silver	107-1	80.76	80.13	79.13	80.00	1.03	ppb
Sodium	23-2	83828.84	82922.96	82282.14	83011.31	0.94	ppb
Strontium	86-1	210.27	211.75	209.19	210.40	0.61	ppb
Strontium	88-1	204.43	206.76	207.18	206.12	0.72	ppb
Sulfur	34-1	7841.09	7655.02	7509.60	7668.57	2.17	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	2028.78	2043.22	2041.38	2037.79	0.39	ppb
Thallium	205-1	2024.81	2043.63	2026.99	2031.81	0.51	ppb
Thorium	232-1	0.04	0.04	0.04	0.04	9.00	ppb
Tin	118-1	764.54	756.31	757.91	759.59	0.57	ppb
Titanium	47-1	214.05	210.88	208.24	211.05	1.38	ppb
Uranium	238-1	0.29	0.28	0.29	0.29	1.57	ppb
Vanadium	51-2	306.11	306.84	302.82	305.26	0.70	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01A	Instrumnet Name :	P7
Client Sample ID :	390927052A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:26:17	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	761.75	752.93	741.87	752.19	1.32	ppb
Zirconium	90-1	0.57	0.53	0.62	0.57	7.37	ppb
Zirconium	91-1	1.19	1.15	1.22	1.19	3.10	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51353.77	52349.91	52025.67	51909.78	0.98	ppb
Antimony	121-1	493.16	491.66	507.91	497.58	1.81	ppb
Arsenic	75-2	499.08	506.69	497.50	501.09	0.98	ppb
Barium	135-1	2492.01	2512.86	2554.49	2519.79	1.26	ppb
Barium	137-1	2517.46	2559.81	2607.52	2561.60	1.76	ppb
Beryllium	9-1	491.95	488.27	495.14	491.79	0.70	ppb
Bismuth	209-1				92		%
Bismuth	209-2				91		%
Boron	10-1	489.34	501.19	511.51	500.68	2.22	ppb
Boron	11-1	498.75	500.37	509.98	503.03	1.21	ppb
Cadmium	111-1	484.29	485.96	500.49	490.25	1.82	ppb
Cadmium	106-1	497.18	500.95	514.69	504.27	1.83	ppb
Cadmium	108-1	497.39	496.03	512.99	502.13	1.88	ppb
Calcium	43-1	236337.56	241229.08	245438.17	241001.60	1.89	ppb
Calcium	44-1	237066.94	239651.79	243542.19	240086.98	1.36	ppb
Chromium	52-2	483.50	495.62	491.67	490.26	1.26	ppb
Cobalt	59-2	472.85	475.49	478.22	475.52	0.56	ppb
Copper	63-2	958.53	975.46	965.82	966.60	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	121762.99	123314.66	122450.14	122509.26	0.63	ppb
Iron	57-2	119805.76	123058.06	121852.64	121572.15	1.35	ppb
Krypton	83-1						cps
Lead	206-1	488.62	488.07	495.51	490.73	0.84	ppb
Lead	207-1	491.32	490.91	496.99	493.07	0.69	ppb
Lead	208-1	491.98	494.94	499.68	495.53	0.78	ppb
Lithium	6-1				105		%
Magnesium	24-2	247856.66	250791.23	249174.84	249274.24	0.59	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	935.97	955.44	944.89	945.43	1.03	ppb
Molybdenum	94-1	2461.87	2469.13	2504.48	2478.49	0.92	ppb
Molybdenum	95-1	2453.00	2462.94	2491.01	2468.98	0.80	ppb
Molybdenum	96-1	2448.64	2459.38	2480.64	2462.88	0.66	ppb
Molybdenum	97-1	2453.67	2477.57	2487.68	2472.97	0.71	ppb
Molybdenum	98-1	2438.12	2462.71	2472.45	2457.76	0.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	471.08	484.41	480.06	478.51	1.42	ppb
Phosphorus	31-2	9856.30	9815.43	9692.73	9788.15	0.87	ppb
Potassium	39-2	123988.74	126741.57	125833.91	125521.40	1.12	ppb
Rhodium	103-1				95		%
Rhodium	103-2				95		%
Scandium	45-1				109		%
Scandium	45-2				109		%
Selenium	77-2	498.73	492.97	501.09	497.60	0.84	ppb
Selenium	78-2	486.25	505.55	502.62	498.14	2.09	ppb
Selenium	82-1	494.36	492.18	504.51	497.02	1.32	ppb
Silicon	28-1	551.33	565.69	583.23	566.75	2.82	ppb
Silver	109-1	491.09	491.02	505.41	495.84	1.67	ppb
Silver	107-1	492.20	495.08	509.62	498.97	1.87	ppb
Sodium	23-2	249183.77	251509.29	250756.38	250483.15	0.47	ppb
Strontium	86-1	492.31	491.97	502.13	495.47	1.16	ppb
Strontium	88-1	491.58	492.40	498.36	494.11	0.75	ppb
Sulfur	34-1	9310.39	9601.16	9820.57	9577.37	2.67	ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	487.54	489.91	501.59	493.01	1.53	ppb
Thallium	205-1	498.83	500.11	516.39	505.11	1.94	ppb
Thorium	232-1	502.87	504.82	513.83	507.18	1.15	ppb
Tin	118-1	493.33	499.53	516.64	503.17	2.40	ppb
Titanium	47-1	2427.14	2444.01	2474.92	2448.69	0.99	ppb
Uranium	238-1	502.06	497.63	516.82	505.51	1.99	ppb
Vanadium	51-2	481.23	489.98	483.77	484.99	0.93	ppb
Yttrium	89-1				107		%
Yttrium	89-2				105		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	948.65	970.53	963.73	960.97	1.17	ppb
Zirconium	90-1	493.97	494.59	498.12	495.56	0.45	ppb
Zirconium	91-1	489.65	492.03	496.04	492.57	0.66	ppb

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:33:26 DataFile Name : 028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.05	4.74	3.70	4.50	15.82	ppb
Antimony	121-1	0.48	0.49	0.48	0.48	1.59	ppb
Arsenic	75-2	0.09	0.07	0.14	0.10	37.26	ppb
Barium	135-1	0.21	0.17	0.25	0.21	19.02	ppb
Barium	137-1	0.28	0.19	0.25	0.24	18.40	ppb
Beryllium	9-1	0.12	0.13	0.12	0.12	7.20	ppb
Bismuth	209-1				104		%
Bismuth	209-2				102		%
Boron	10-1	30.27	27.36	27.64	28.43	5.65	ppb
Boron	11-1	30.40	28.06	27.03	28.50	6.06	ppb
Cadmium	111-1	0.28	0.24	0.10	0.20	45.93	ppb
Cadmium	106-1	2.44	2.25	0.23	1.64	74.71	ppb
Cadmium	108-1	0.16	0.09	0.07	0.10	47.86	ppb
Calcium	43-1	22.95	18.47	22.77	21.40	11.87	ppb
Calcium	44-1	26.30	23.39	20.85	23.51	11.60	ppb
Chromium	52-2	0.06	0.05	0.04	0.05	20.67	ppb
Cobalt	59-2	0.04	0.03	0.02	0.03	24.35	ppb
Copper	63-2	0.20	0.18	0.16	0.18	9.70	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				107		%
Holmium	165-2				106		%
Indium	115-1				112		%
Indium	115-2				108		%
Iron	56-2	10.44	9.95	9.89	10.09	2.98	ppb
Iron	57-2	9.51	11.95	10.63	10.70	11.41	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.10	0.09	0.10	8.24	ppb
Lead	207-1	0.09	0.10	0.08	0.09	10.95	ppb
Lead	208-1	0.11	0.10	0.09	0.10	7.09	ppb
Lithium	6-1				116		%
Magnesium	24-2	21.02	19.72	17.84	19.53	8.19	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:33:26	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.05	0.11	0.08	33.79	ppb
Molybdenum	94-1	0.47	0.45	0.45	0.46	2.34	ppb
Molybdenum	95-1	0.52	0.47	0.50	0.50	5.23	ppb
Molybdenum	96-1	0.55	0.52	0.47	0.51	8.32	ppb
Molybdenum	97-1	0.48	0.55	0.43	0.49	13.03	ppb
Molybdenum	98-1	0.53	0.49	0.41	0.48	13.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.00	-0.01	0.00	484.59	ppb
Phosphorus	31-2	-19.22	-30.15	-10.82	-20.07		ppb
Potassium	39-2	38.58	39.28	41.93	39.93	4.43	ppb
Rhodium	103-1				111		%
Rhodium	103-2				109		%
Scandium	45-1				117		%
Scandium	45-2				115		%
Selenium	77-2	0.00	1.27	0.00	0.42	173.21	ppb
Selenium	78-2	0.04	0.05	-0.07	0.01	1255.90	ppb
Selenium	82-1	-0.53	0.16	0.64	0.09	655.35	ppb
Silicon	28-1	6.94	6.30	5.71	6.32	9.81	ppb
Silver	109-1	0.08	0.08	0.05	0.07	21.74	ppb
Silver	107-1	0.08	0.05	0.06	0.06	20.96	ppb
Sodium	23-2	94.89	91.65	87.88	91.47	3.83	ppb
Strontium	86-1	0.06	-0.02	0.06	0.03	140.16	ppb
Strontium	88-1	0.05	0.04	0.04	0.05	10.53	ppb
Sulfur	34-1	382.34	55.67	208.05	215.35	75.90	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.37	0.31	0.34	0.34	9.18	ppb
Thallium	205-1	0.37	0.33	0.31	0.34	8.27	ppb
Thorium	232-1	0.12	0.10	0.11	0.11	7.53	ppb
Tin	118-1	0.29	0.31	0.30	0.30	3.45	ppb
Titanium	47-1	0.33	0.23	0.19	0.25	29.25	ppb
Uranium	238-1	0.05	0.04	0.04	0.04	20.05	ppb
Vanadium	51-2	0.04	0.06	0.03	0.04	34.54	ppb
Yttrium	89-1				114		%
Yttrium	89-2				111		%

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:33:26	DataFile Name :	028CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.06	0.15	0.05	0.09	61.04	ppb
Zirconium	90-1	0.06	0.06	0.06	0.06	1.46	ppb
Zirconium	91-1	0.09	0.12	0.08	0.10	21.13	ppb

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:34:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	25	11	114.58	cps
Antimony	121-1	108	75	50	78	37.63	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	42	67	33	47	36.74	cps
Barium	137-1	25	50	25	33	43.30	cps
Beryllium	9-1	39	44	50	44	12.50	cps
Bismuth	209-1	10726811	10667689	10742811	10712437	0.37	cps
Bismuth	209-2	4698389	4713962	4749881	4720744	0.56	cps
Boron	10-1	200	242	250	231	11.62	cps
Boron	11-1	1183	983	1225	1131	11.43	cps
Cadmium	111-1	3055	2886	2808	2916	4.33	cps
Cadmium	106-1	4334	4126	4009	4156	3.96	cps
Cadmium	108-1	0	21	4	8	132.26	cps
Calcium	43-1	92	50	142	94	48.60	cps
Calcium	44-1	2684	2734	3034	2817	6.72	cps
Chromium	52-2	313	430	443	396	18.08	cps
Cobalt	59-2	60	20	43	41	48.87	cps
Copper	63-2	417	310	340	356	15.47	cps
Dysprosium	156-1	8	17	17	14	34.67	cps
Dysprosium	156-2	30	10	23	21	48.24	cps
Erbium	164-1	33	42	58	44	28.65	cps
Erbium	164-2	53	93	87	78	27.56	cps
Gadolinium	160-1	67	83	50	67	25.00	cps
Gadolinium	160-2	113	137	143	131	12.01	cps
Holmium	165-1	14316705	14274199	14462200	14351035	0.69	cps
Holmium	165-2	5732140	5685630	5796128	5737966	0.97	cps
Indium	115-1	9497328	9513527	9583368	9531407	0.48	cps
Indium	115-2	1434531	1438280	1448029	1440280	0.48	cps
Iron	56-2	1111	939	1183	1078	11.65	cps
Iron	57-2	22	28	33	28	20.00	cps
Krypton	83-1	1470	1410	1460	1447	2.22	cps
Lead	206-1	850	878	933	887	4.78	cps
Lead	207-1	883	850	895	876	2.64	cps
Lead	208-1	2906	3095	3017	3006	3.16	cps
Lithium	6-1	2454983	2461857	2462877	2459906	0.17	cps
Magnesium	24-2	108	125	125	119	8.06	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:34:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	30	17	17	21	36.45	cps
Molybdenum	94-1	258	258	217	244	9.84	cps
Molybdenum	95-1	33	83	58	58	42.86	cps
Molybdenum	96-1	58	133	67	86	47.74	cps
Molybdenum	97-1	42	33	8	28	62.46	cps
Molybdenum	98-1	150	150	133	144	6.66	cps
Neodymium	150-1	20	0	0	7	173.21	cps
Neodymium	150-2	7	10	7	8	24.71	cps
Nickel	60-2	130	77	93	100	27.28	cps
Phosphorus	31-2	50	17	33	33	50.00	cps
Potassium	39-2	6302	6368	6418	6363	0.92	cps
Rhodium	103-1	8207104	8180168	8196876	8194716	0.17	cps
Rhodium	103-2	3639298	3669180	3678535	3662337	0.56	cps
Scandium	45-1	4772238	4803644	4827010	4800964	0.57	cps
Scandium	45-2	191368	192550	191453	191790	0.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	15	17	17	16	6.69	cps
Selenium	82-1	32	48	-82	-1	-12058.69	cps
Silicon	28-1	45721	45077	44776	45191	1.07	cps
Silver	109-1	67	25	50	47	44.41	cps
Silver	107-1	175	75	92	114	47.04	cps
Sodium	23-2	5493	5768	5518	5593	2.72	cps
Strontium	86-1	2317	2475	2359	2384	3.44	cps
Strontium	88-1	75	108	83	89	19.52	cps
Sulfur	34-1	300941	298117	300381	299813	0.50	cps
Terbium	159-1	14798604	14881947	14920643	14867065	0.42	cps
Terbium	159-2	5830364	5827717	5848180	5835420	0.19	cps
Thallium	203-1	533	642	558	578	9.82	cps
Thallium	205-1	817	842	750	803	5.90	cps
Thorium	232-1	2684	2500	2561	2582	3.62	cps
Tin	118-1	608	600	758	656	13.59	cps
Titanium	47-1	100	33	42	58	62.27	cps
Uranium	238-1	3042	3301	2900	3081	6.58	cps
Vanadium	51-2	0	7	0	2	173.21	cps
Yttrium	89-1	8690487	8703181	8747457	8713708	0.34	cps
Yttrium	89-2	1000756	1004981	1009145	1004961	0.42	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:34:55	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	213	257	190	220	15.38	cps
Zirconium	90-1	692	725	692	703	2.74	cps
Zirconium	91-1	133	83	133	117	24.74	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:43:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1150	1225	1200	1192	3.20	cps
Antimony	121-1	14959	14508	14466	14644	1.86	cps
Arsenic	75-2	122	191	159	157	21.79	cps
Barium	135-1	17754	17069	16811	17211	2.83	cps
Barium	137-1	31386	31545	30652	31194	1.53	cps
Beryllium	9-1	1345	1306	1328	1326	1.47	cps
Bismuth	209-1	10760439	10862238	10628535	10750404	1.09	cps
Bismuth	209-2	4740242	4760405	4787116	4762588	0.49	cps
Boron	10-1	5485	6193	6493	6057	8.55	cps
Boron	11-1	28202	27801	28085	28030	0.74	cps
Cadmium	111-1	4782	5063	5071	4972	3.31	cps
Cadmium	106-1	4126	4434	4434	4331	4.11	cps
Cadmium	108-1	229	154	208	197	19.63	cps
Calcium	43-1	9487	9078	8753	9106	4.04	cps
Calcium	44-1	151578	149642	151855	151025	0.80	cps
Chromium	52-2	3914	3887	3944	3915	0.72	cps
Cobalt	59-2	2934	3117	2967	3006	3.25	cps
Copper	63-2	4437	4557	4397	4464	1.87	cps
Dysprosium	156-1	42	17	58	39	53.93	cps
Dysprosium	156-2	13	27	23	21	32.88	cps
Erbium	164-1	67	83	67	72	13.33	cps
Erbium	164-2	57	27	63	49	39.94	cps
Gadolinium	160-1	100	100	33	78	49.49	cps
Gadolinium	160-2	127	103	97	109	14.47	cps
Holmium	165-1	14512519	14137458	14272875	14307617	1.33	cps
Holmium	165-2	5806219	5832885	5793627	5810910	0.34	cps
Indium	115-1	9622032	9560316	9484262	9555537	0.72	cps
Indium	115-2	1459048	1451007	1462215	1457423	0.40	cps
Iron	56-2	84994	83358	84347	84233	0.98	cps
Iron	57-2	2317	2100	2328	2248	5.71	cps
Krypton	83-1	1453	1290	1403	1382	6.05	cps
Lead	206-1	8670	9237	8625	8844	3.86	cps
Lead	207-1	8147	8047	7491	7895	4.48	cps
Lead	208-1	36048	35758	34908	35571	1.67	cps
Lithium	6-1	2484106	2469122	2459376	2470868	0.50	cps
Magnesium	24-2	78673	76420	77408	77500	1.46	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:43:04	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1140	1000	1127	1089	7.10	cps
Molybdenum	94-1	14007	13432	13248	13563	2.92	cps
Molybdenum	95-1	17486	16877	16485	16950	2.98	cps
Molybdenum	96-1	19539	18830	18387	18919	3.07	cps
Molybdenum	97-1	10279	11096	10538	10638	3.93	cps
Molybdenum	98-1	28830	28455	28204	28496	1.11	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	883	920	827	877	5.36	cps
Phosphorus	31-2	100	192	217	169	36.25	cps
Potassium	39-2	58324	58960	60256	59180	1.66	cps
Rhodium	103-1	8198168	8204733	8169252	8190718	0.23	cps
Rhodium	103-2	3702730	3679101	3698112	3693314	0.34	cps
Scandium	45-1	4889313	4833701	4819966	4847660	0.76	cps
Scandium	45-2	194681	191969	194539	193730	0.79	cps
Selenium	77-2	40	23	33	32	26.04	cps
Selenium	78-2	113	94	93	100	11.26	cps
Selenium	82-1	784	1000	787	857	14.48	cps
Silicon	28-1	78414	78280	78012	78235	0.26	cps
Silver	109-1	8920	9562	8928	9137	4.03	cps
Silver	107-1	9520	9804	9695	9673	1.48	cps
Sodium	23-2	147173	149976	146375	147841	1.28	cps
Strontium	86-1	4242	4509	4109	4287	4.75	cps
Strontium	88-1	18546	19197	17870	18538	3.58	cps
Sulfur	34-1	314200	310543	307386	310710	1.10	cps
Terbium	159-1	14912555	14955089	14634120	14833921	1.18	cps
Terbium	159-2	5921742	5856045	5826253	5868013	0.83	cps
Thallium	203-1	10688	9921	10113	10240	3.90	cps
Thallium	205-1	25016	24332	23163	24170	3.88	cps
Thorium	232-1	37103	36357	35070	36176	2.84	cps
Tin	118-1	33482	33507	34378	33789	1.51	cps
Titanium	47-1	4192	4418	4159	4256	3.30	cps
Uranium	238-1	40572	40372	40455	40467	0.25	cps
Vanadium	51-2	6952	7229	6828	7003	2.93	cps
Yttrium	89-1	8882142	8870941	8732104	8828396	0.95	cps
Yttrium	89-2	1019945	1019622	1018583	1019383	0.07	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:43:04	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	903	1027	967	966	6.39	cps
Zirconium	90-1	11121	10579	10496	10732	3.16	cps
Zirconium	91-1	2425	2525	2400	2450	2.70	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:46:59 DataFile Name : 006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	57168	57060	57687	57305	0.59	cps
Antimony	121-1	378977	381754	378773	379834	0.44	cps
Arsenic	75-2	8186	8419	8241	8282	1.47	cps
Barium	135-1	436888	436755	434350	435998	0.33	cps
Barium	137-1	777833	777149	765566	773516	0.89	cps
Beryllium	9-1	67439	67416	66931	67262	0.43	cps
Bismuth	209-1	10731025	10861341	10718406	10770257	0.73	cps
Bismuth	209-2	4699419	4732264	4804919	4745534	1.14	cps
Boron	10-1	12180	12347	12197	12242	0.75	cps
Boron	11-1	56431	56875	57443	56916	0.89	cps
Cadmium	111-1	114093	116706	114733	115177	1.18	cps
Cadmium	106-1	17545	17912	17169	17542	2.12	cps
Cadmium	108-1	8924	8703	8961	8863	1.58	cps
Calcium	43-1	91575	90452	89252	90426	1.28	cps
Calcium	44-1	1501956	1494615	1469528	1488700	1.14	cps
Chromium	52-2	87887	86059	88567	87504	1.48	cps
Cobalt	59-2	146840	145483	147149	146490	0.60	cps
Copper	63-2	206971	208375	208080	207808	0.36	cps
Dysprosium	156-1	33	25	25	28	17.31	cps
Dysprosium	156-2	37	7	23	22	67.63	cps
Erbium	164-1	50	92	92	78	30.93	cps
Erbium	164-2	50	43	57	50	13.34	cps
Gadolinium	160-1	108	100	108	106	4.56	cps
Gadolinium	160-2	137	113	107	119	13.25	cps
Holmium	165-1	14536781	14598804	14446931	14527505	0.53	cps
Holmium	165-2	5730140	5836918	5786795	5784617	0.92	cps
Indium	115-1	9583177	9605937	9498727	9562613	0.59	cps
Indium	115-2	1419474	1422190	1444670	1428778	0.97	cps
Iron	56-2	3854612	3834935	3857382	3848976	0.32	cps
Iron	57-2	97600	96661	96186	96816	0.74	cps
Krypton	83-1	1380	1427	1400	1402	1.67	cps
Lead	206-1	407199	414301	405583	409028	1.13	cps
Lead	207-1	368592	372717	368954	370088	0.62	cps
Lead	208-1	1678880	1697352	1682991	1686408	0.58	cps
Lithium	6-1	2492816	2482326	2440531	2471891	1.12	cps
Magnesium	24-2	741840	743470	750970	745427	0.65	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:46:59	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	105049	105612	106915	105859	0.90	cps
Molybdenum	94-1	713760	721521	704760	713347	1.18	cps
Molybdenum	95-1	885054	887021	872724	881600	0.88	cps
Molybdenum	96-1	977274	981499	970295	976356	0.58	cps
Molybdenum	97-1	557103	559941	543137	553393	1.63	cps
Molybdenum	98-1	1452756	1455609	1432710	1447025	0.86	cps
Neodymium	150-1	53	47	67	56	18.33	cps
Neodymium	150-2	13	10	10	11	17.30	cps
Nickel	60-2	38076	38584	37939	38200	0.89	cps
Phosphorus	31-2	2459	2625	2800	2628	6.50	cps
Potassium	39-2	263314	260728	263569	262537	0.60	cps
Rhodium	103-1	8134626	8142642	8034340	8103869	0.74	cps
Rhodium	103-2	3588056	3598573	3659083	3615237	1.06	cps
Scandium	45-1	4860528	4782653	4740543	4794575	1.27	cps
Scandium	45-2	187604	188291	190025	188640	0.66	cps
Selenium	77-2	253	250	250	251	0.77	cps
Selenium	78-2	852	870	800	841	4.34	cps
Selenium	82-1	7639	7539	7364	7514	1.85	cps
Silicon	28-1	275526	285228	286216	282323	2.09	cps
Silver	109-1	459566	456551	452284	456134	0.80	cps
Silver	107-1	476352	480380	470627	475786	1.03	cps
Sodium	23-2	1412894	1417269	1436635	1422266	0.89	cps
Strontium	86-1	110900	108358	107022	108760	1.81	cps
Strontium	88-1	936973	926465	927699	930379	0.62	cps
Sulfur	34-1	343545	344056	338050	341884	0.97	cps
Terbium	159-1	14914941	15082837	14903098	14966959	0.67	cps
Terbium	159-2	5784080	5835991	5892618	5837563	0.93	cps
Thallium	203-1	496102	498185	492811	495699	0.55	cps
Thallium	205-1	1202021	1210098	1184545	1198888	1.09	cps
Thorium	232-1	1891101	1919659	1883420	1898060	1.01	cps
Tin	118-1	330451	329092	323948	327831	1.05	cps
Titanium	47-1	203849	204016	197260	201708	1.91	cps
Uranium	238-1	2007655	2014832	2007392	2009960	0.21	cps
Vanadium	51-2	66191	65498	66378	66022	0.70	cps
Yttrium	89-1	8867505	8837019	8774830	8826451	0.54	cps
Yttrium	89-2	998598	998710	1016342	1004550	1.02	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:46:59	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	35467	35082	35707	35419	0.89	cps
Zirconium	90-1	561518	561271	553024	558604	0.87	cps
Zirconium	91-1	126699	127740	125126	126522	1.04	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:50:53	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	137863	137401	136871	137378	0.36	cps
Antimony	121-1	934241	930989	920574	928601	0.77	cps
Arsenic	75-2	19775	19793	19853	19807	0.21	cps
Barium	135-1	1054459	1063412	1052728	1056866	0.54	cps
Barium	137-1	1884109	1891954	1860858	1878974	0.86	cps
Beryllium	9-1	160815	160590	158535	159980	0.79	cps
Bismuth	209-1	10605163	10623551	10449237	10559317	0.91	cps
Bismuth	209-2	4615476	4555964	4565638	4579026	0.70	cps
Boron	10-1	29563	28235	29346	29048	2.45	cps
Boron	11-1	134965	136218	139288	136824	1.63	cps
Cadmium	111-1	275342	276939	274675	275652	0.42	cps
Cadmium	106-1	35813	34869	34593	35092	1.82	cps
Cadmium	108-1	20982	21404	21216	21201	1.00	cps
Calcium	43-1	222828	219107	219301	220412	0.95	cps
Calcium	44-1	3573236	3570329	3580963	3574843	0.15	cps
Chromium	52-2	205960	207056	208715	207244	0.67	cps
Cobalt	59-2	346735	346370	347542	346883	0.17	cps
Copper	63-2	491546	486824	490151	489507	0.50	cps
Dysprosium	156-1	75	25	50	50	50.00	cps
Dysprosium	156-2	37	30	53	40	30.04	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	90	67	50	69	29.17	cps
Gadolinium	160-1	133	75	83	97	32.45	cps
Gadolinium	160-2	123	100	147	123	18.92	cps
Holmium	165-1	14377916	14252043	13944694	14191551	1.57	cps
Holmium	165-2	5705986	5680763	5541841	5642864	1.57	cps
Indium	115-1	9264325	9261194	9153465	9226328	0.68	cps
Indium	115-2	1366916	1363471	1372543	1367643	0.33	cps
Iron	56-2	9111203	9111845	9122315	9115121	0.07	cps
Iron	57-2	228496	230607	228495	229199	0.53	cps
Krypton	83-1	1313	1350	1393	1352	2.96	cps
Lead	206-1	1004096	1001568	991551	999071	0.66	cps
Lead	207-1	910570	912476	899780	907609	0.75	cps
Lead	208-1	4150260	4136099	4083877	4123412	0.85	cps
Lithium	6-1	2375737	2390539	2365342	2377206	0.53	cps
Magnesium	24-2	1788076	1789382	1795066	1790841	0.21	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:50:53 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	249731	250643	252111	250828	0.48	cps
Molybdenum	94-1	1710516	1708341	1706831	1708563	0.11	cps
Molybdenum	95-1	2110953	2128905	2120493	2120117	0.42	cps
Molybdenum	96-1	2346940	2356314	2354635	2352630	0.21	cps
Molybdenum	97-1	1335815	1329426	1342079	1335773	0.47	cps
Molybdenum	98-1	3473602	3495459	3484868	3484643	0.31	cps
Neodymium	150-1	120	80	140	113	26.96	cps
Neodymium	150-2	10	17	13	13	25.01	cps
Nickel	60-2	90957	90219	90306	90494	0.45	cps
Phosphorus	31-2	6227	6452	6402	6360	1.86	cps
Potassium	39-2	619302	613993	619976	617757	0.53	cps
Rhodium	103-1	7750470	7810474	7779065	7780003	0.39	cps
Rhodium	103-2	3433134	3448862	3453857	3445285	0.31	cps
Scandium	45-1	4634512	4615012	4612738	4620754	0.26	cps
Scandium	45-2	180751	180745	180629	180708	0.04	cps
Selenium	77-2	567	590	523	560	6.04	cps
Selenium	78-2	2135	2028	2117	2093	2.74	cps
Selenium	82-1	18190	18267	18136	18198	0.36	cps
Silicon	28-1	633077	650090	653440	645536	1.69	cps
Silver	109-1	1107701	1106202	1086804	1100236	1.06	cps
Silver	107-1	1131205	1142585	1139634	1137808	0.52	cps
Sodium	23-2	3406381	3408455	3415491	3410109	0.14	cps
Strontium	86-1	257807	261555	257552	258971	0.87	cps
Strontium	88-1	2233909	2256385	2230418	2240237	0.63	cps
Sulfur	34-1	382599	377923	378273	379598	0.69	cps
Terbium	159-1	14745341	14612467	14428302	14595370	1.09	cps
Terbium	159-2	5723873	5708156	5645531	5692520	0.73	cps
Thallium	203-1	1219947	1212664	1200176	1210929	0.83	cps
Thallium	205-1	2915238	2915723	2919219	2916727	0.07	cps
Thorium	232-1	4677888	4699971	4652430	4676763	0.51	cps
Tin	118-1	788560	800808	780066	789811	1.32	cps
Titanium	47-1	482587	485603	490453	486214	0.82	cps
Uranium	238-1	4947292	4933302	4863954	4914849	0.91	cps
Vanadium	51-2	156759	157628	155907	156765	0.55	cps
Yttrium	89-1	8553969	8535508	8429308	8506262	0.79	cps
Yttrium	89-2	958135	958970	958415	958507	0.04	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:50:53	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	84694	83484	84030	84069	0.72	cps
Zirconium	90-1	1362013	1350682	1358163	1356953	0.42	cps
Zirconium	91-1	303828	300067	304928	302941	0.84	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	255845	254284	253318	254482	0.50	cps
Antimony	121-1	1796295	1764767	1757724	1772929	1.16	cps
Arsenic	75-2	36639	36197	36273	36369	0.65	cps
Barium	135-1	2040533	2007527	2006877	2018312	0.95	cps
Barium	137-1	3603699	3570546	3548369	3574205	0.78	cps
Beryllium	9-1	303539	304063	302468	303357	0.27	cps
Bismuth	209-1	10198615	10141569	10068284	10136156	0.64	cps
Bismuth	209-2	4384888	4334708	4354729	4358108	0.58	cps
Boron	10-1	54608	55159	55118	54962	0.56	cps
Boron	11-1	259059	258982	258521	258854	0.11	cps
Cadmium	111-1	519707	513763	509518	514329	1.00	cps
Cadmium	106-1	61919	61961	61936	61939	0.03	cps
Cadmium	108-1	41143	40638	41444	41075	0.99	cps
Calcium	43-1	417700	417569	413054	416108	0.64	cps
Calcium	44-1	6835415	6750037	6734450	6773301	0.80	cps
Chromium	52-2	382996	380041	378229	380422	0.63	cps
Cobalt	59-2	633491	633753	635079	634108	0.13	cps
Copper	63-2	891505	892607	890810	891641	0.10	cps
Dysprosium	156-1	58	25	50	44	39.04	cps
Dysprosium	156-2	37	50	43	43	15.38	cps
Erbium	164-1	142	83	58	94	45.27	cps
Erbium	164-2	33	63	47	48	31.46	cps
Gadolinium	160-1	100	83	117	100	16.66	cps
Gadolinium	160-2	130	203	143	159	24.59	cps
Holmium	165-1	13702590	13666057	13802304	13723650	0.51	cps
Holmium	165-2	5453081	5363425	5349393	5388633	1.04	cps
Indium	115-1	8847948	8746205	8668807	8754320	1.03	cps
Indium	115-2	1266369	1273186	1279972	1273176	0.53	cps
Iron	56-2	16851354	16759338	16900081	16836924	0.42	cps
Iron	57-2	424140	424481	425135	424585	0.12	cps
Krypton	83-1	1253	1207	1327	1262	4.79	cps
Lead	206-1	1934495	1911207	1927658	1924453	0.62	cps
Lead	207-1	1759084	1746038	1748197	1751107	0.40	cps
Lead	208-1	7989086	7890656	7932011	7937251	0.62	cps
Lithium	6-1	2253331	2230916	2222365	2235537	0.72	cps
Magnesium	24-2	3325933	3311594	3273588	3303705	0.82	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	458564	459022	461025	459537	0.28	cps
Molybdenum	94-1	3227351	3250175	3203147	3226891	0.73	cps
Molybdenum	95-1	3993499	4034044	3986212	4004585	0.64	cps
Molybdenum	96-1	4424598	4476073	4428139	4442937	0.65	cps
Molybdenum	97-1	2538398	2542659	2517848	2532968	0.52	cps
Molybdenum	98-1	6661389	6706620	6595929	6654646	0.84	cps
Neodymium	150-1	227	227	133	196	27.56	cps
Neodymium	150-2	10	13	7	10	33.30	cps
Nickel	60-2	163072	164467	163287	163609	0.46	cps
Phosphorus	31-2	11805	12130	11221	11719	3.93	cps
Potassium	39-2	1144957	1135911	1119220	1133363	1.15	cps
Rhodium	103-1	7378550	7308872	7196626	7294683	1.26	cps
Rhodium	103-2	3183278	3172448	3196125	3183950	0.37	cps
Scandium	45-1	4413383	4347496	4320173	4360350	1.10	cps
Scandium	45-2	168790	167808	165119	167239	1.14	cps
Selenium	77-2	1127	1183	1190	1167	2.98	cps
Selenium	78-2	3613	3845	3699	3719	3.15	cps
Selenium	82-1	34347	34184	34005	34179	0.50	cps
Silicon	28-1	1208601	1228589	1234716	1223969	1.12	cps
Silver	109-1	2060904	2050637	2040002	2050515	0.51	cps
Silver	107-1	2136002	2125468	2117804	2126425	0.43	cps
Sodium	23-2	6337745	6315479	6221338	6291521	0.98	cps
Strontium	86-1	491463	492559	483400	489140	1.02	cps
Strontium	88-1	4263029	4251177	4211489	4241898	0.64	cps
Sulfur	34-1	442405	439615	436604	439541	0.66	cps
Terbium	159-1	14268904	14064175	14096201	14143093	0.78	cps
Terbium	159-2	5405714	5384535	5365357	5385202	0.37	cps
Thallium	203-1	2347412	2360415	2337749	2348526	0.48	cps
Thallium	205-1	5719853	5692311	5656256	5689473	0.56	cps
Thorium	232-1	9330443	9285017	9295989	9303816	0.25	cps
Tin	118-1	1518450	1514416	1507195	1513354	0.38	cps
Titanium	47-1	919881	908104	909372	912452	0.71	cps
Uranium	238-1	9639980	9689618	9676475	9668691	0.27	cps
Vanadium	51-2	291499	289338	284300	288379	1.28	cps
Yttrium	89-1	8107217	8054432	7991456	8051035	0.72	cps
Yttrium	89-2	895288	891085	891001	892458	0.27	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:54:43	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	152655	154198	154665	153839	0.68	cps
Zirconium	90-1	2561861	2548339	2521074	2543758	0.82	cps
Zirconium	91-1	572228	570353	563802	568795	0.78	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:58:31 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	487888	493925	491386	491067	0.62	cps
Antimony	121-1	3408796	3392774	3340168	3380579	1.06	cps
Arsenic	75-2	70475	69174	70032	69894	0.95	cps
Barium	135-1	3880084	3892742	3857272	3876699	0.46	cps
Barium	137-1	7003392	6935695	6897990	6945692	0.77	cps
Beryllium	9-1	566829	569613	558865	565103	0.99	cps
Bismuth	209-1	9786699	9810824	9811843	9803122	0.15	cps
Bismuth	209-2	4215126	4157044	4251725	4207965	1.13	cps
Boron	10-1	104031	103855	104844	104243	0.51	cps
Boron	11-1	489666	482757	489276	487233	0.80	cps
Cadmium	111-1	973693	974947	971496	973379	0.18	cps
Cadmium	106-1	117089	113972	113039	114700	1.85	cps
Cadmium	108-1	77280	76254	75860	76465	0.96	cps
Calcium	43-1	793650	794231	788288	792056	0.41	cps
Calcium	44-1	12860641	12881848	12752433	12831641	0.54	cps
Chromium	52-2	731234	725841	734361	730479	0.59	cps
Cobalt	59-2	1216741	1211644	1218536	1215640	0.29	cps
Copper	63-2	1703656	1692274	1703264	1699731	0.38	cps
Dysprosium	156-1	200	158	183	181	11.62	cps
Dysprosium	156-2	100	100	90	97	5.97	cps
Erbium	164-1	142	100	92	111	24.11	cps
Erbium	164-2	57	70	63	63	10.52	cps
Gadolinium	160-1	117	125	117	119	4.03	cps
Gadolinium	160-2	173	183	157	171	7.87	cps
Holmium	165-1	13647864	13514182	13362620	13508222	1.06	cps
Holmium	165-2	5239665	5235321	5326069	5267019	0.97	cps
Indium	115-1	8342348	8324199	8241038	8302528	0.65	cps
Indium	115-2	1223961	1218640	1220308	1220970	0.22	cps
Iron	56-2	32606524	32141830	32789419	32512591	1.03	cps
Iron	57-2	818249	812511	822509	817757	0.61	cps
Krypton	83-1	1173	1133	1163	1157	1.80	cps
Lead	206-1	3749964	3732407	3674508	3718960	1.06	cps
Lead	207-1	3385712	3411977	3357268	3384986	0.81	cps
Lead	208-1	15534459	15551518	15403989	15496655	0.52	cps
Lithium	6-1	2103196	2107580	2089192	2099989	0.46	cps
Magnesium	24-2	6451920	6422407	6424332	6432886	0.26	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S6 Instrumnet Name : P7
 Client Sample ID : S6 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 13:58:31 DataFile Name : 009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	883474	881026	899222	887908	1.11	cps
Molybdenum	94-1	6184618	6201494	6147319	6177810	0.45	cps
Molybdenum	95-1	7749668	7738767	7667628	7718687	0.58	cps
Molybdenum	96-1	8595667	8541057	8481093	8539273	0.67	cps
Molybdenum	97-1	4814720	4803643	4779404	4799255	0.38	cps
Molybdenum	98-1	12716670	12737933	12684736	12713113	0.21	cps
Neodymium	150-1	480	400	500	460	11.50	cps
Neodymium	150-2	40	60	57	52	20.52	cps
Nickel	60-2	313564	309478	315633	312891	1.00	cps
Phosphorus	31-2	21758	22317	22309	22128	1.45	cps
Potassium	39-2	2191571	2195731	2191126	2192809	0.12	cps
Rhodium	103-1	6790645	6801266	6714426	6768779	0.70	cps
Rhodium	103-2	3046869	3017160	3049597	3037875	0.59	cps
Scandium	45-1	4109873	4085847	4056806	4084175	0.65	cps
Scandium	45-2	160835	160849	163265	161650	0.87	cps
Selenium	77-2	2120	1997	2114	2077	3.34	cps
Selenium	78-2	7106	7285	7152	7181	1.30	cps
Selenium	82-1	64808	64543	64380	64577	0.33	cps
Silicon	28-1	2295855	2327438	2344457	2322583	1.06	cps
Silver	109-1	3831477	3771793	3771115	3791462	0.91	cps
Silver	107-1	3918526	3911070	3894689	3908095	0.31	cps
Sodium	23-2	12327879	12364172	12395760	12362604	0.27	cps
Strontium	86-1	939316	931888	935963	935722	0.40	cps
Strontium	88-1	8240355	8198280	8120346	8186327	0.74	cps
Sulfur	34-1	565248	565233	560182	563554	0.52	cps
Terbium	159-1	13777131	13773246	13786866	13779081	0.05	cps
Terbium	159-2	5345608	5254904	5309741	5303418	0.86	cps
Thallium	203-1	4546841	4585261	4456684	4529596	1.46	cps
Thallium	205-1	11313502	11133769	10927924	11125065	1.73	cps
Thorium	232-1	18400404	18439652	18156474	18332177	0.84	cps
Tin	118-1	2879166	2873212	2865182	2872520	0.24	cps
Titanium	47-1	1729481	1714774	1714736	1719664	0.49	cps
Uranium	238-1	19131644	19481054	18959767	19190821	1.38	cps
Vanadium	51-2	561098	556906	563420	560475	0.59	cps
Yttrium	89-1	7682661	7650860	7595188	7642903	0.58	cps
Yttrium	89-2	865888	854304	862301	860831	0.69	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 13:58:31	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297123	295778	298116	297005	0.40	cps
Zirconium	90-1	4854375	4814230	4818456	4829020	0.46	cps
Zirconium	91-1	1082819	1093595	1076387	1084267	0.80	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:02:17 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	952412	952679	946874	950655	0.34	cps
Antimony	121-1	6677869	6679804	6688767	6682146	0.09	cps
Arsenic	75-2	134263	135502	136106	135291	0.69	cps
Barium	135-1	7656626	7660631	7670767	7662674	0.10	cps
Barium	137-1	13567819	13496017	13655496	13573111	0.59	cps
Beryllium	9-1	1074805	1064840	1074961	1071535	0.54	cps
Bismuth	209-1	9401844	9488680	9547488	9479337	0.77	cps
Bismuth	209-2	4080039	4084225	4040119	4068128	0.60	cps
Boron	10-1	199616	202960	205088	202555	1.36	cps
Boron	11-1	933968	957870	966640	952826	1.77	cps
Cadmium	111-1	1998343	2007914	2027582	2011280	0.74	cps
Cadmium	106-1	228335	230470	228869	229225	0.48	cps
Cadmium	108-1	156941	157380	156822	157048	0.19	cps
Calcium	43-1	1534888	1539350	1549078	1541106	0.47	cps
Calcium	44-1	25203344	25471592	25470304	25381747	0.61	cps
Chromium	52-2	1412818	1414935	1413774	1413842	0.08	cps
Cobalt	59-2	2280092	2312341	2298903	2297112	0.71	cps
Copper	63-2	3313706	3343707	3340336	3332583	0.49	cps
Dysprosium	156-1	125	175	125	142	20.38	cps
Dysprosium	156-2	90	93	107	97	9.12	cps
Erbium	164-1	92	58	67	72	24.02	cps
Erbium	164-2	80	47	67	64	26.03	cps
Gadolinium	160-1	92	133	108	111	18.88	cps
Gadolinium	160-2	140	197	127	154	24.07	cps
Holmium	165-1	13236622	13247871	13441708	13308733	0.87	cps
Holmium	165-2	5301866	5180457	5146521	5209615	1.57	cps
Indium	115-1	8023875	8101321	8092042	8072413	0.52	cps
Indium	115-2	1172689	1180511	1180865	1178022	0.39	cps
Iron	56-2	62725246	62614444	62806106	62715265	0.15	cps
Iron	57-2	1563704	1574503	1584590	1574265	0.66	cps
Krypton	83-1	1080	1153	1163	1132	4.02	cps
Lead	206-1	7305376	7296012	7271616	7291002	0.24	cps
Lead	207-1	6664452	6701398	6677135	6680995	0.28	cps
Lead	208-1	30236108	30430887	30385829	30350942	0.34	cps
Lithium	6-1	2039448	2040851	2062811	2047703	0.64	cps
Magnesium	24-2	12439150	12355352	12361353	12385285	0.38	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:02:17	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1704392	1703328	1710116	1705945	0.21	cps
Molybdenum	94-1	11952296	12052671	12012651	12005872	0.42	cps
Molybdenum	95-1	14971269	15119567	14959740	15016859	0.59	cps
Molybdenum	96-1	16556777	16667815	16690206	16638266	0.43	cps
Molybdenum	97-1	9509377	9515404	9565631	9530137	0.32	cps
Molybdenum	98-1	24681341	24521537	24786325	24663068	0.54	cps
Neodymium	150-1	767	653	653	691	9.47	cps
Neodymium	150-2	60	63	73	66	10.59	cps
Nickel	60-2	585465	586729	588018	586737	0.22	cps
Phosphorus	31-2	43172	43632	43790	43531	0.74	cps
Potassium	39-2	4267250	4283925	4266556	4272577	0.23	cps
Rhodium	103-1	6539181	6477121	6554905	6523736	0.63	cps
Rhodium	103-2	2920920	2958794	2943033	2940916	0.65	cps
Scandium	45-1	3976085	3988296	4020485	3994955	0.57	cps
Scandium	45-2	159565	160347	159848	159920	0.25	cps
Selenium	77-2	3987	3994	3967	3983	0.35	cps
Selenium	78-2	13484	13315	13653	13484	1.25	cps
Selenium	82-1	118881	119627	119902	119470	0.44	cps
Silicon	28-1	3096109	3133452	3160784	3130115	1.04	cps
Silver	109-1	7857677	7904491	8010703	7924290	0.99	cps
Silver	107-1	8103507	8109038	8205467	8139337	0.70	cps
Sodium	23-2	23875642	23933676	24083849	23964389	0.45	cps
Strontium	86-1	1801480	1788887	1796914	1795760	0.36	cps
Strontium	88-1	15883487	15934099	16046646	15954744	0.52	cps
Sulfur	34-1	823497	819296	818957	820583	0.31	cps
Terbium	159-1	13636816	13753485	13729621	13706641	0.45	cps
Terbium	159-2	5251622	5236521	5218829	5235657	0.31	cps
Thallium	203-1	8976869	9042968	9005047	9008295	0.37	cps
Thallium	205-1	21516927	21513491	21600880	21543766	0.23	cps
Thorium	232-1	36133767	36659053	36596860	36463227	0.79	cps
Tin	118-1	5720854	5738699	5722499	5727350	0.17	cps
Titanium	47-1	3336517	3321701	3361878	3340032	0.61	cps
Uranium	238-1	38025923	38056334	38404091	38162116	0.55	cps
Vanadium	51-2	1086160	1085549	1083980	1085230	0.10	cps
Yttrium	89-1	7522453	7534786	7608918	7555386	0.62	cps
Yttrium	89-2	851299	854938	850790	852342	0.27	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:02:17	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	577630	579604	581106	579447	0.30	cps
Zirconium	90-1	9378547	9481975	9475327	9445283	0.61	cps
Zirconium	91-1	2066195	2055847	2061271	2061104	0.25	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:06:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5470684	5621445	5588777	5560302	1.43	cps
Antimony	121-1	10379	10688	11355	10807	4.61	cps
Arsenic	75-2	235	244	246	242	2.46	cps
Barium	135-1	1583	1609	1517	1570	3.02	cps
Barium	137-1	2992	2842	2675	2837	5.59	cps
Beryllium	9-1	294	261	272	276	6.15	cps
Bismuth	209-1	8682359	8660835	8771883	8705025	0.68	cps
Bismuth	209-2	3769348	3775555	3772266	3772390	0.08	cps
Boron	10-1	10938	10821	10521	10760	2.00	cps
Boron	11-1	51923	50259	47199	49794	4.81	cps
Cadmium	111-1	2867	2955	3161	2995	5.05	cps
Cadmium	106-1	3617	3792	4092	3834	6.27	cps
Cadmium	108-1	88	58	58	68	24.75	cps
Calcium	43-1	7985801	8042977	8392668	8140482	2.71	cps
Calcium	44-1	130013845	132170274	137012403	133065507	2.69	cps
Chromium	52-2	57174	58041	57927	57714	0.82	cps
Cobalt	59-2	31734	32202	32356	32097	1.01	cps
Copper	63-2	7239	7292	7112	7214	1.28	cps
Dysprosium	156-1	75	50	50	58	24.74	cps
Dysprosium	156-2	47	30	30	36	27.07	cps
Erbium	164-1	83	58	92	78	22.30	cps
Erbium	164-2	43	73	103	73	40.92	cps
Gadolinium	160-1	100	117	167	128	27.15	cps
Gadolinium	160-2	117	163	163	148	18.23	cps
Holmium	165-1	13278869	13386135	13494870	13386625	0.81	cps
Holmium	165-2	5372990	5393179	5382093	5382754	0.19	cps
Indium	115-1	8034549	8180860	8269964	8161791	1.46	cps
Indium	115-2	1263153	1265538	1281656	1270116	0.79	cps
Iron	56-2	340096108	346510941	348431919	345012989	1.27	cps
Iron	57-2	8508418	8679718	8720245	8636127	1.30	cps
Krypton	83-1	1287	1267	1263	1272	0.99	cps
Lead	206-1	9737	9098	9654	9496	3.66	cps
Lead	207-1	9103	8759	8753	8872	2.26	cps
Lead	208-1	40014	39013	38473	39166	2.00	cps
Lithium	6-1	2115042	2154669	2215738	2161816	2.35	cps
Magnesium	24-2	66966466	68217029	68511270	67898255	1.21	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:06:02	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	7152	7032	6942	7042	1.50	cps
Molybdenum	94-1	10571	10596	10671	10613	0.49	cps
Molybdenum	95-1	16018	16427	15801	16082	1.98	cps
Molybdenum	96-1	16919	17728	18012	17553	3.23	cps
Molybdenum	97-1	10471	10321	9754	10182	3.72	cps
Molybdenum	98-1	26350	26008	27761	26706	3.48	cps
Neodymium	150-1	127	120	160	136	15.81	cps
Neodymium	150-2	60	37	30	42	37.31	cps
Nickel	60-2	21773	22247	22013	22011	1.08	cps
Phosphorus	31-2	33	75	75	61	39.37	cps
Potassium	39-2	24180352	24501853	24662560	24448255	1.00	cps
Rhodium	103-1	6279305	6395324	6596297	6423642	2.50	cps
Rhodium	103-2	2963106	3005176	3025967	2998083	1.07	cps
Scandium	45-1	4205656	4301554	4401843	4303018	2.28	cps
Scandium	45-2	182397	185010	187000	184803	1.25	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	17	22	20	20	14.31	cps
Selenium	82-1	33	57	107	66	57.54	cps
Silicon	28-1	108785	109439	110430	109551	0.76	cps
Silver	109-1	1508	1367	1584	1486	7.40	cps
Silver	107-1	1700	1650	1583	1645	3.56	cps
Sodium	23-2	131126724	133093432	133346465	132522207	0.92	cps
Strontium	86-1	9879	10329	9845	10018	2.70	cps
Strontium	88-1	67668	69200	68707	68525	1.14	cps
Sulfur	34-1	278712	289187	296548	288149	3.11	cps
Terbium	159-1	13558225	13728529	13890971	13725908	1.21	cps
Terbium	159-2	5387550	5412318	5410477	5403448	0.26	cps
Thallium	203-1	3692	3834	3734	3753	1.94	cps
Thallium	205-1	8803	7477	7986	8089	8.27	cps
Thorium	232-1	10521	10438	10060	10340	2.38	cps
Tin	118-1	3484	3409	3492	3462	1.33	cps
Titanium	47-1	1200	1250	1350	1267	6.03	cps
Uranium	238-1	7653	7286	7227	7389	3.12	cps
Vanadium	51-2	567	520	503	530	6.19	cps
Yttrium	89-1	7761547	7886216	8035885	7894549	1.74	cps
Yttrium	89-2	940596	951033	956435	949354	0.85	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:06:02	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	9176	9006	9473	9219	2.56	cps
Zirconium	90-1	3184	3284	3392	3287	3.17	cps
Zirconium	91-1	767	883	575	742	20.99	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:12:03 DataFile Name : 012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	26157	26524	26700	26460	1.05	cps
Antimony	121-1	1437446	1440765	1409042	1429084	1.22	cps
Arsenic	75-2	31466	31705	31438	31536	0.47	cps
Barium	135-1	167540	166966	165112	166539	0.76	cps
Barium	137-1	299418	296307	289159	294961	1.78	cps
Beryllium	9-1	124596	124026	121836	123486	1.18	cps
Bismuth	209-1	10837652	10718198	10654016	10736622	0.87	cps
Bismuth	209-2	4602370	4631204	4631020	4621531	0.36	cps
Boron	10-1	120368	122510	123905	122261	1.46	cps
Boron	11-1	580350	577148	583866	580455	0.58	cps
Cadmium	111-1	227684	229084	224546	227105	1.02	cps
Cadmium	106-1	51143	51904	52222	51757	1.07	cps
Cadmium	108-1	30692	30082	29076	29950	2.72	cps
Calcium	43-1	39220	39487	38802	39169	0.88	cps
Calcium	44-1	619140	611205	611058	613801	0.75	cps
Chromium	52-2	160215	160367	159364	159982	0.34	cps
Cobalt	59-2	270570	271086	271583	271079	0.19	cps
Copper	63-2	194088	194943	192184	193738	0.73	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	40	13	10	21	77.90	cps
Erbium	164-1	125	167	100	131	25.80	cps
Erbium	164-2	77	97	43	72	37.31	cps
Gadolinium	160-1	50	75	83	69	24.98	cps
Gadolinium	160-2	117	123	160	133	17.50	cps
Holmium	165-1	14513109	14527564	14194509	14411728	1.31	cps
Holmium	165-2	5704159	5743919	5652471	5700183	0.80	cps
Indium	115-1	9519714	9530474	9382620	9477603	0.87	cps
Indium	115-2	1375012	1380326	1359560	1371633	0.79	cps
Iron	56-2	1464315	1462283	1471748	1466115	0.34	cps
Iron	57-2	36412	36919	36796	36709	0.72	cps
Krypton	83-1	1373	1303	1477	1385	6.30	cps
Lead	206-1	1580239	1559171	1546994	1562135	1.08	cps
Lead	207-1	1412734	1391435	1386397	1396855	1.00	cps
Lead	208-1	6465038	6367979	6318611	6383876	1.17	cps
Lithium	6-1	2480918	2452462	2423576	2452318	1.17	cps
Magnesium	24-2	172809	172455	172903	172722	0.14	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:12:03	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	96309	96339	94548	95732	1.07	cps
Molybdenum	94-1	7275830	7292209	7162219	7243419	0.98	cps
Molybdenum	95-1	9147735	9244265	9114285	9168761	0.74	cps
Molybdenum	96-1	10166777	10136918	10078027	10127241	0.45	cps
Molybdenum	97-1	5828723	5864322	5733937	5808994	1.16	cps
Molybdenum	98-1	15066498	15098755	14855077	15006777	0.88	cps
Neodymium	150-1	53	53	13	40	57.74	cps
Neodymium	150-2	17	13	7	12	41.65	cps
Nickel	60-2	71617	71704	69832	71051	1.49	cps
Phosphorus	31-2	25	50	8	28	75.51	cps
Potassium	39-2	202135	202428	200815	201793	0.43	cps
Rhodium	103-1	8079908	8053355	7946351	8026538	0.88	cps
Rhodium	103-2	3534672	3548076	3504756	3529168	0.63	cps
Scandium	45-1	4801205	4812274	4717205	4776895	1.09	cps
Scandium	45-2	186985	185808	186524	186439	0.32	cps
Selenium	77-2	1010	1047	967	1008	3.97	cps
Selenium	78-2	3245	3089	3056	3130	3.22	cps
Selenium	82-1	28602	28548	28280	28477	0.61	cps
Silicon	28-1	95537	100595	106495	100876	5.44	cps
Silver	109-1	816253	809019	797181	807484	1.19	cps
Silver	107-1	844186	840249	845305	843246	0.31	cps
Sodium	23-2	571919	563498	569209	568209	0.76	cps
Strontium	86-1	1058372	1058805	1039558	1052245	1.04	cps
Strontium	88-1	9292166	9334685	9215962	9280938	0.65	cps
Sulfur	34-1	286394	282192	280010	282865	1.15	cps
Terbium	159-1	15016278	14869987	14751464	14879243	0.89	cps
Terbium	159-2	5779823	5758079	5728379	5755427	0.45	cps
Thallium	203-1	1925033	1913041	1878735	1905603	1.26	cps
Thallium	205-1	4662251	4590864	4533872	4595662	1.40	cps
Thorium	232-1	2319983	2307801	2277641	2301809	0.95	cps
Tin	118-1	3104791	3083714	3043153	3077219	1.02	cps
Titanium	47-1	2314401	2298638	2271200	2294746	0.95	cps
Uranium	238-1	21781479	21939458	21637966	21786301	0.69	cps
Vanadium	51-2	121616	119966	120575	120719	0.69	cps
Yttrium	89-1	8752498	8877793	8771977	8800756	0.77	cps
Yttrium	89-2	978638	977159	960902	972233	1.01	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:12:03	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	66464	66427	66223	66371	0.20	cps
Zirconium	90-1	5522370	5533350	5464752	5506824	0.67	cps
Zirconium	91-1	1207125	1209402	1191961	1202829	0.79	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:15:38 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	83	50	69	24.98	cps
Antimony	121-1	1317	1633	1717	1556	13.57	cps
Arsenic	75-2	4	13	15	10	56.75	cps
Barium	135-1	233	242	267	247	7.02	cps
Barium	137-1	275	358	242	292	20.60	cps
Beryllium	9-1	128	167	161	152	13.85	cps
Bismuth	209-1	10604417	10741242	10694814	10680158	0.65	cps
Bismuth	209-2	4634166	4625542	4700391	4653366	0.88	cps
Boron	10-1	7836	7410	6702	7316	7.83	cps
Boron	11-1	35484	35050	32728	34421	4.30	cps
Cadmium	111-1	2655	2918	3091	2888	7.62	cps
Cadmium	106-1	3659	4026	4284	3990	7.87	cps
Cadmium	108-1	33	13	17	21	52.90	cps
Calcium	43-1	267	242	175	228	20.80	cps
Calcium	44-1	5285	5526	5818	5543	4.82	cps
Chromium	52-2	470	453	457	460	1.92	cps
Cobalt	59-2	177	147	140	154	12.65	cps
Copper	63-2	1060	990	977	1009	4.44	cps
Dysprosium	156-1	25	25	8	19	49.50	cps
Dysprosium	156-2	7	13	13	11	34.61	cps
Erbium	164-1	92	92	67	83	17.32	cps
Erbium	164-2	57	40	33	43	27.74	cps
Gadolinium	160-1	108	42	83	78	43.30	cps
Gadolinium	160-2	130	137	120	129	6.51	cps
Holmium	165-1	14068701	14306107	14410295	14261701	1.23	cps
Holmium	165-2	5700034	5732836	5810208	5747693	0.98	cps
Indium	115-1	9440359	9421965	9540676	9467667	0.67	cps
Indium	115-2	1406923	1411725	1431250	1416633	0.91	cps
Iron	56-2	5484	5512	5340	5446	1.70	cps
Iron	57-2	100	128	117	115	12.18	cps
Krypton	83-1	1423	1243	1213	1293	8.78	cps
Lead	206-1	1222	1439	1250	1304	9.04	cps
Lead	207-1	1233	1456	1189	1293	11.05	cps
Lead	208-1	5206	5262	4650	5039	6.71	cps
Lithium	6-1	2415486	2422476	2444558	2427507	0.63	cps
Magnesium	24-2	858	775	933	856	9.26	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:15:38 DataFile Name : 013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	47	57	59	22.87	cps
Molybdenum	94-1	1709	1467	1859	1678	11.78	cps
Molybdenum	95-1	2159	2134	2075	2122	2.01	cps
Molybdenum	96-1	2550	2284	2367	2400	5.68	cps
Molybdenum	97-1	1534	1258	1050	1281	18.93	cps
Molybdenum	98-1	3709	3226	3150	3362	9.02	cps
Neodymium	150-1	13	13	0	9	86.60	cps
Neodymium	150-2	13	17	0	10	88.20	cps
Nickel	60-2	183	163	197	181	9.26	cps
Phosphorus	31-2	67	33	67	56	34.65	cps
Potassium	39-2	7977	7702	7644	7775	2.29	cps
Rhodium	103-1	7936360	7966912	8048760	7984011	0.73	cps
Rhodium	103-2	3586275	3584624	3647685	3606195	1.00	cps
Scandium	45-1	4723314	4764310	4767854	4751826	0.52	cps
Scandium	45-2	189090	189239	191187	189838	0.62	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	22	7	15	15	49.99	cps
Selenium	82-1	-84	34	62	4	1853.51	cps
Silicon	28-1	59586	57781	56608	57992	2.59	cps
Silver	109-1	267	242	183	231	18.55	cps
Silver	107-1	300	250	300	283	10.19	cps
Sodium	23-2	19605	19639	18479	19241	3.43	cps
Strontium	86-1	2284	2267	2825	2459	12.92	cps
Strontium	88-1	1392	1100	1100	1197	14.07	cps
Sulfur	34-1	281065	287620	285962	284882	1.20	cps
Terbium	159-1	14630780	14724467	14730188	14695145	0.38	cps
Terbium	159-2	5780124	5833464	5818285	5810624	0.47	cps
Thallium	203-1	1867	1542	1609	1672	10.27	cps
Thallium	205-1	3576	3851	3192	3540	9.34	cps
Thorium	232-1	4145	4095	4223	4154	1.55	cps
Tin	118-1	2450	2200	2300	2317	5.43	cps
Titanium	47-1	508	333	300	381	29.41	cps
Uranium	238-1	6060	6285	6068	6138	2.08	cps
Vanadium	51-2	47	30	47	41	23.41	cps
Yttrium	89-1	8630820	8681519	8678628	8663655	0.33	cps
Yttrium	89-2	985616	989279	999860	991585	0.75	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:15:38	DataFile Name :	013CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1760	1727	1707	1731	1.56	cps
Zirconium	90-1	1458	1575	1358	1464	7.41	cps
Zirconium	91-1	325	317	325	322	1.49	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:19:13 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5268521	5361639	5356208	5328789	0.98	cps
Antimony	121-1	8445	8987	9012	8814	3.63	cps
Arsenic	75-2	59	57	61	59	3.12	cps
Barium	135-1	2709	2775	2834	2773	2.26	cps
Barium	137-1	4734	4701	4851	4762	1.65	cps
Beryllium	9-1	489	417	483	463	8.68	cps
Bismuth	209-1	9831685	9946604	9884705	9887665	0.58	cps
Bismuth	209-2	4270970	4296831	4302300	4290033	0.39	cps
Boron	10-1	5218	4342	4518	4693	9.87	cps
Boron	11-1	22709	21883	22192	22262	1.87	cps
Cadmium	111-1	4747	4653	4529	4643	2.35	cps
Cadmium	106-1	4109	3942	4276	4109	4.06	cps
Cadmium	108-1	3651	3559	3771	3660	2.91	cps
Calcium	43-1	1776856	1786985	1801973	1788605	0.71	cps
Calcium	44-1	29115359	29441006	29605682	29387349	0.85	cps
Chromium	52-2	36148	37047	37595	36930	1.98	cps
Cobalt	59-2	3324	3547	3637	3503	4.61	cps
Copper	63-2	15752	15612	16082	15815	1.53	cps
Dysprosium	156-1	67	50	42	53	24.12	cps
Dysprosium	156-2	43	27	33	34	24.35	cps
Erbium	164-1	133	133	67	111	34.64	cps
Erbium	164-2	47	73	50	57	25.64	cps
Gadolinium	160-1	125	117	108	117	7.14	cps
Gadolinium	160-2	150	150	180	160	10.83	cps
Holmium	165-1	14478292	14494441	14567127	14513286	0.33	cps
Holmium	165-2	5713737	5787341	5705434	5735504	0.79	cps
Indium	115-1	9021662	9152577	9170539	9114926	0.89	cps
Indium	115-2	1346551	1370433	1377935	1364973	1.20	cps
Iron	56-2	146796431	148975548	148815192	148195724	0.82	cps
Iron	57-2	3630398	3694721	3716076	3680398	1.21	cps
Krypton	83-1	1317	1303	1417	1346	4.60	cps
Lead	206-1	38038	38997	38596	38544	1.25	cps
Lead	207-1	30925	31761	30892	31193	1.58	cps
Lead	208-1	147681	149384	146354	147806	1.03	cps
Lithium	6-1	2364758	2376961	2387462	2376393	0.48	cps
Magnesium	24-2	14653471	14860398	14904277	14806049	0.90	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P7
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:19:13 DataFile Name : 014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	9610	10137	9717	9821	2.84	cps
Molybdenum	94-1	3505506	3515430	3527466	3516134	0.31	cps
Molybdenum	95-1	6233070	6346671	6352238	6310660	1.07	cps
Molybdenum	96-1	6663386	6735597	6772363	6723782	0.82	cps
Molybdenum	97-1	3863557	3891890	3923990	3893146	0.78	cps
Molybdenum	98-1	10262240	10414991	10431679	10369636	0.90	cps
Neodymium	150-1	47	47	67	53	21.65	cps
Neodymium	150-2	27	13	17	19	36.75	cps
Nickel	60-2	4581	5004	4607	4731	5.01	cps
Phosphorus	31-2	248460	259215	256927	254867	2.22	cps
Potassium	39-2	10208937	10398554	10375301	10327597	1.00	cps
Rhodium	103-1	7296688	7385937	7435491	7372705	0.95	cps
Rhodium	103-2	3322610	3374965	3384280	3360618	0.99	cps
Scandium	45-1	4737729	4731412	4762493	4743878	0.35	cps
Scandium	45-2	186689	192192	193151	190677	1.83	cps
Selenium	77-2	3	0	7	3	100.05	cps
Selenium	78-2	13	19	11	14	27.17	cps
Selenium	82-1	45	83	-55	24	292.34	cps
Silicon	28-1	144576	145846	146266	145563	0.60	cps
Silver	109-1	292	275	358	308	14.30	cps
Silver	107-1	392	450	492	444	11.30	cps
Sodium	23-2	28222514	28489770	28781764	28498016	0.98	cps
Strontium	86-1	73949	72307	73588	73281	1.18	cps
Strontium	88-1	624570	619021	628055	623882	0.73	cps
Sulfur	34-1	3502980	3508011	3548988	3519993	0.72	cps
Terbium	159-1	14681875	14858266	14933802	14824648	0.87	cps
Terbium	159-2	5713196	5738431	5736843	5729490	0.25	cps
Thallium	203-1	2275	2284	2225	2261	1.40	cps
Thallium	205-1	4601	4851	5410	4954	8.36	cps
Thorium	232-1	3678	3828	4123	3877	5.83	cps
Tin	118-1	2509	2434	2434	2459	1.76	cps
Titanium	47-1	1609117	1609560	1626318	1614998	0.61	cps
Uranium	238-1	5535	4884	5068	5162	6.49	cps
Vanadium	51-2	300	263	273	279	6.80	cps
Yttrium	89-1	8564710	8640867	8667731	8624436	0.62	cps
Yttrium	89-2	975686	1003457	1001316	993487	1.56	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:19:13	DataFile Name :	014ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5401	5431	5334	5389	0.92	cps
Zirconium	90-1	1350	1358	1375	1361	0.93	cps
Zirconium	91-1	267	358	358	328	16.15	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:22:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5472820	5505416	5461721	5479986	0.41	cps
Antimony	121-1	152723	157046	155790	155186	1.43	cps
Arsenic	75-2	3137	3284	3260	3227	2.43	cps
Barium	135-1	37527	38446	37201	37724	1.71	cps
Barium	137-1	65924	64677	66686	65762	1.54	cps
Beryllium	9-1	25566	25834	25833	25744	0.60	cps
Bismuth	209-1	9862360	10119952	10019591	10000634	1.30	cps
Bismuth	209-2	4451263	4432393	4419902	4434519	0.36	cps
Boron	10-1	17386	18095	18804	18095	3.92	cps
Boron	11-1	82568	85190	83413	83724	1.60	cps
Cadmium	111-1	47130	46732	47078	46980	0.46	cps
Cadmium	106-1	10713	11188	10446	10782	3.49	cps
Cadmium	108-1	7456	7515	7556	7509	0.67	cps
Calcium	43-1	1868040	1866237	1883238	1872505	0.50	cps
Calcium	44-1	30791606	30842243	31000407	30878085	0.35	cps
Chromium	52-2	70769	70508	72320	71199	1.38	cps
Cobalt	59-2	58480	59513	60347	59447	1.57	cps
Copper	63-2	55271	56147	54802	55407	1.23	cps
Dysprosium	156-1	100	50	42	64	49.38	cps
Dysprosium	156-2	33	43	40	39	13.09	cps
Erbium	164-1	133	83	108	108	23.08	cps
Erbium	164-2	43	53	50	49	10.42	cps
Gadolinium	160-1	50	117	125	97	42.28	cps
Gadolinium	160-2	123	170	150	148	15.84	cps
Holmium	165-1	14361385	14775982	15075002	14737456	2.43	cps
Holmium	165-2	5941773	5947983	5911687	5933814	0.33	cps
Indium	115-1	9410007	9456839	9447698	9438181	0.26	cps
Indium	115-2	1415150	1415011	1395878	1408680	0.79	cps
Iron	56-2	150994703	151608026	152930770	151844500	0.65	cps
Iron	57-2	3749350	3781701	3829013	3786688	1.06	cps
Krypton	83-1	1387	1383	1470	1413	3.47	cps
Lead	206-1	190393	192165	194589	192383	1.09	cps
Lead	207-1	163993	170132	164732	166286	2.02	cps
Lead	208-1	756430	774227	770974	767210	1.24	cps
Lithium	6-1	2448931	2451164	2451203	2450433	0.05	cps
Magnesium	24-2	15082536	15312179	15155555	15183423	0.77	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:22:49 DataFile Name : 015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	29977	29830	29947	29918	0.26	cps
Molybdenum	94-1	3984639	3976553	4040869	4000687	0.88	cps
Molybdenum	95-1	6717134	6763234	6768172	6749513	0.42	cps
Molybdenum	96-1	7184534	7214731	7293749	7231005	0.78	cps
Molybdenum	97-1	4169153	4148078	4195760	4170997	0.57	cps
Molybdenum	98-1	11054969	11117656	11172164	11114930	0.53	cps
Neodymium	150-1	47	53	47	49	7.88	cps
Neodymium	150-2	13	23	30	22	37.76	cps
Nickel	60-2	19133	19012	19703	19283	1.91	cps
Phosphorus	31-2	259587	262566	261537	261230	0.58	cps
Potassium	39-2	10613762	10629806	10661184	10634917	0.23	cps
Rhodium	103-1	7674793	7697955	7702444	7691731	0.19	cps
Rhodium	103-2	3532430	3506627	3488961	3509339	0.62	cps
Scandium	45-1	4953901	5002495	4988488	4981628	0.50	cps
Scandium	45-2	202517	200375	196771	199888	1.45	cps
Selenium	77-2	87	97	83	89	7.81	cps
Selenium	78-2	343	339	361	348	3.43	cps
Selenium	82-1	2832	2949	2786	2856	2.95	cps
Silicon	28-1	345740	350133	351111	348994	0.82	cps
Silver	109-1	160284	158359	158531	159058	0.67	cps
Silver	107-1	163972	165371	168266	165869	1.32	cps
Sodium	23-2	29448400	29624984	29462927	29512103	0.33	cps
Strontium	86-1	193392	195538	197218	195383	0.98	cps
Strontium	88-1	1678725	1692652	1697781	1689719	0.58	cps
Sulfur	34-1	3704048	3682069	3704493	3696870	0.35	cps
Terbium	159-1	14985111	15126095	15211147	15107451	0.76	cps
Terbium	159-2	6030331	5973771	5917290	5973797	0.95	cps
Thallium	203-1	189628	190794	193948	191457	1.17	cps
Thallium	205-1	454185	462293	468325	461601	1.54	cps
Thorium	232-1	20400	20472	21123	20665	1.93	cps
Tin	118-1	362484	358521	357649	359551	0.72	cps
Titanium	47-1	1741843	1754600	1739582	1745342	0.46	cps
Uranium	238-1	2203767	2195496	2218211	2205825	0.52	cps
Vanadium	51-2	26033	25656	26190	25960	1.06	cps
Yttrium	89-1	8982089	9019007	8965797	8988965	0.30	cps
Yttrium	89-2	1046706	1035985	1022903	1035198	1.15	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:22:49	DataFile Name :	015ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11838	11892	12229	11986	1.77	cps
Zirconium	90-1	622980	625411	632511	626967	0.79	cps
Zirconium	91-1	138051	140770	140997	139940	1.17	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:49:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2973028	2977117	2989613	2979919	0.29	cps
Antimony	121-1	3514654	3515627	3484730	3505004	0.50	cps
Arsenic	75-2	77734	78304	78400	78146	0.46	cps
Barium	135-1	4090417	4065854	4077996	4078089	0.30	cps
Barium	137-1	7376174	7325666	7344635	7348825	0.35	cps
Beryllium	9-1	621813	618617	620528	620319	0.26	cps
Bismuth	209-1	9618633	9586782	9576169	9593862	0.23	cps
Bismuth	209-2	4094837	4158773	4109097	4120902	0.81	cps
Boron	10-1	114019	117605	118125	116583	1.92	cps
Boron	11-1	530246	533468	549404	537706	1.91	cps
Cadmium	111-1	1022906	1022546	1016361	1020604	0.36	cps
Cadmium	106-1	121368	120535	121299	121068	0.38	cps
Cadmium	108-1	80997	80817	80540	80784	0.28	cps
Calcium	43-1	4303421	4298130	4287159	4296237	0.19	cps
Calcium	44-1	70503768	70211829	70504187	70406595	0.24	cps
Chromium	52-2	839211	834882	836291	836794	0.26	cps
Cobalt	59-2	1310509	1328444	1326835	1321929	0.75	cps
Copper	63-2	1929733	1944420	1945247	1939800	0.45	cps
Dysprosium	156-1	183	150	183	172	11.17	cps
Dysprosium	156-2	100	113	127	113	11.77	cps
Erbium	164-1	142	125	117	128	9.96	cps
Erbium	164-2	100	113	67	93	25.75	cps
Gadolinium	160-1	192	150	208	183	16.39	cps
Gadolinium	160-2	113	150	120	128	15.28	cps
Holmium	165-1	14216074	14236207	14202375	14218218	0.12	cps
Holmium	165-2	5613186	5645890	5567143	5608740	0.71	cps
Indium	115-1	8962623	8952986	8909215	8941608	0.32	cps
Indium	115-2	1314577	1323639	1323615	1320610	0.40	cps
Iron	56-2	175546171	174479871	176454760	175493600	0.56	cps
Iron	57-2	4346521	4402712	4405006	4384746	0.76	cps
Krypton	83-1	1453	1513	1450	1472	2.42	cps
Lead	206-1	3588891	3659671	3641689	3630084	1.01	cps
Lead	207-1	3315238	3303603	3308225	3309022	0.18	cps
Lead	208-1	15142088	15200419	15186900	15176469	0.20	cps
Lithium	6-1	2410442	2415020	2390686	2405382	0.54	cps
Magnesium	24-2	34706025	34808895	35095313	34870078	0.58	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : CCV15 Instrumnet Name : P7
 Client Sample ID : CCV15 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:49:37 DataFile Name : 016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	972785	977523	977570	975959	0.28	cps
Molybdenum	94-1	6801428	6786305	6735373	6774369	0.51	cps
Molybdenum	95-1	8482019	8455985	8410532	8449512	0.43	cps
Molybdenum	96-1	9344399	9338815	9310251	9331155	0.20	cps
Molybdenum	97-1	5368941	5368718	5329239	5355633	0.43	cps
Molybdenum	98-1	13977764	13722873	13748949	13816528	1.02	cps
Neodymium	150-1	593	520	340	484	26.91	cps
Neodymium	150-2	77	63	80	73	12.03	cps
Nickel	60-2	338158	341427	340791	340125	0.51	cps
Phosphorus	31-2	25272	26692	24922	25628	3.66	cps
Potassium	39-2	12654993	12662430	12614101	12643841	0.21	cps
Rhodium	103-1	7192755	7189749	7184183	7188896	0.06	cps
Rhodium	103-2	3181523	3226943	3212977	3207147	0.73	cps
Scandium	45-1	4782724	4740626	4756220	4759857	0.45	cps
Scandium	45-2	190869	190190	190045	190368	0.23	cps
Selenium	77-2	2357	2327	2450	2378	2.71	cps
Selenium	78-2	7784	7748	7915	7816	1.12	cps
Selenium	82-1	68705	68229	68640	68525	0.38	cps
Silicon	28-1	2213097	2293821	2349791	2285570	3.01	cps
Silver	109-1	4073144	4061719	4026156	4053673	0.60	cps
Silver	107-1	4190769	4158649	4191906	4180441	0.45	cps
Sodium	23-2	67491091	68120035	68128956	67913361	0.54	cps
Strontium	86-1	1017871	1012718	1013637	1014742	0.27	cps
Strontium	88-1	8926434	8952121	8964344	8947633	0.22	cps
Sulfur	34-1	641827	638901	637164	639297	0.37	cps
Terbium	159-1	14734038	14789920	14730626	14751528	0.23	cps
Terbium	159-2	5634000	5714795	5608424	5652406	0.98	cps
Thallium	203-1	4415339	4435477	4416913	4422576	0.25	cps
Thallium	205-1	10982745	11033929	10963073	10993249	0.33	cps
Thorium	232-1	18668098	18502534	18444879	18538504	0.63	cps
Tin	118-1	3032194	3010568	2999744	3014169	0.55	cps
Titanium	47-1	1941191	1939251	1941358	1940600	0.06	cps
Uranium	238-1	19374900	19386276	19251474	19337550	0.39	cps
Vanadium	51-2	634717	634200	635982	634966	0.14	cps
Yttrium	89-1	8670932	8577479	8593909	8614106	0.58	cps
Yttrium	89-2	967194	975360	982081	974878	0.76	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV15	Instrumnet Name :	P7
Client Sample ID :	CCV15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:49:37	DataFile Name :	016CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	336639	341102	341059	339600	0.76	cps
Zirconium	90-1	5344241	5338017	5338921	5340393	0.06	cps
Zirconium	91-1	1178127	1171406	1166469	1172001	0.50	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:53:13	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	225	167	175	189	16.70	cps
Antimony	121-1	2867	3017	3009	2964	2.84	cps
Arsenic	75-2	13	6	20	13	57.12	cps
Barium	135-1	533	350	492	458	20.97	cps
Barium	137-1	858	683	667	736	14.42	cps
Beryllium	9-1	178	194	211	194	8.57	cps
Bismuth	209-1	10987374	10974568	11066519	11009487	0.45	cps
Bismuth	209-2	4867681	4859998	4818940	4848873	0.54	cps
Boron	10-1	5435	5268	5443	5382	1.83	cps
Boron	11-1	24412	23970	22209	23530	4.95	cps
Cadmium	111-1	2966	3229	3342	3179	6.07	cps
Cadmium	106-1	4051	4401	4559	4337	6.00	cps
Cadmium	108-1	17	21	29	22	28.64	cps
Calcium	43-1	483	492	467	481	2.65	cps
Calcium	44-1	10946	9904	9312	10054	8.23	cps
Chromium	52-2	453	490	493	479	4.63	cps
Cobalt	59-2	150	150	113	138	15.36	cps
Copper	63-2	707	573	673	651	10.66	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	33	20	10	21	55.45	cps
Erbium	164-1	83	50	42	58	37.80	cps
Erbium	164-2	33	70	70	58	36.64	cps
Gadolinium	160-1	92	25	83	67	54.49	cps
Gadolinium	160-2	130	177	157	154	15.16	cps
Holmium	165-1	14727425	14765999	14993477	14828967	0.97	cps
Holmium	165-2	5993630	6005299	5976621	5991850	0.24	cps
Indium	115-1	10094993	10046585	10115005	10085528	0.35	cps
Indium	115-2	1513645	1525891	1525773	1521769	0.46	cps
Iron	56-2	14741	14608	13996	14448	2.75	cps
Iron	57-2	328	339	394	354	10.10	cps
Krypton	83-1	1557	1523	1513	1531	1.48	cps
Lead	206-1	1506	1522	1228	1419	11.66	cps
Lead	207-1	1500	1256	1150	1302	13.79	cps
Lead	208-1	5323	4928	4645	4965	6.86	cps
Lithium	6-1	2665646	2677932	2679972	2674517	0.29	cps
Magnesium	24-2	2959	2617	2250	2609	13.58	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : CCB15 Instrumnet Name : P7
 Client Sample ID : CCB15 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 14:53:13 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	100	80	103	94	13.36	cps
Molybdenum	94-1	1600	1492	1467	1520	4.67	cps
Molybdenum	95-1	2075	2142	1567	1928	16.32	cps
Molybdenum	96-1	2050	1984	1700	1911	9.72	cps
Molybdenum	97-1	1258	1258	1025	1181	11.41	cps
Molybdenum	98-1	3201	3042	2375	2873	15.25	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	3	10	10	8	49.52	cps
Nickel	60-2	130	113	97	113	14.70	cps
Phosphorus	31-2	33	25	58	39	44.62	cps
Potassium	39-2	10387	10154	10045	10196	1.71	cps
Rhodium	103-1	8611961	8563865	8641854	8605893	0.46	cps
Rhodium	103-2	3890966	3842648	3913462	3882358	0.93	cps
Scandium	45-1	5195425	5233138	5241567	5223377	0.47	cps
Scandium	45-2	207960	209578	208252	208597	0.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	7	15	14	41.65	cps
Selenium	82-1	-21	-1	62	13	325.03	cps
Silicon	28-1	72802	70475	66599	69959	4.48	cps
Silver	109-1	525	533	467	508	7.15	cps
Silver	107-1	800	650	450	633	27.73	cps
Sodium	23-2	31200	28136	27635	28990	6.66	cps
Strontium	86-1	2917	2900	2550	2789	7.42	cps
Strontium	88-1	975	883	817	892	8.92	cps
Sulfur	34-1	341222	340289	339294	340268	0.28	cps
Terbium	159-1	15473749	15294698	15390406	15386284	0.58	cps
Terbium	159-2	6054413	6091783	6094489	6080228	0.37	cps
Thallium	203-1	2192	2100	1917	2070	6.77	cps
Thallium	205-1	4776	4593	4201	4523	6.50	cps
Thorium	232-1	7764	7024	6774	7187	7.16	cps
Tin	118-1	1909	1734	1984	1875	6.84	cps
Titanium	47-1	308	250	275	278	10.54	cps
Uranium	238-1	5143	4743	4584	4823	5.97	cps
Vanadium	51-2	33	37	33	34	5.60	cps
Yttrium	89-1	9363061	9323660	9464523	9383748	0.77	cps
Yttrium	89-2	1075530	1072396	1073148	1073691	0.15	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB15	Instrumnet Name :	P7
Client Sample ID :	CCB15	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:53:13	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	297	230	267	264	12.62	cps
Zirconium	90-1	1517	1634	1458	1536	5.80	cps
Zirconium	91-1	358	342	367	356	3.58	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1292	1333	1442	1356	5.71	cps
Antimony	121-1	17211	15868	16577	16552	4.06	cps
Arsenic	75-2	157	202	172	177	12.78	cps
Barium	135-1	18196	18363	18488	18349	0.80	cps
Barium	137-1	32806	32230	32380	32472	0.92	cps
Beryllium	9-1	1539	1495	1583	1539	2.89	cps
Bismuth	209-1	11319511	11351736	11203529	11291592	0.69	cps
Bismuth	209-2	4850516	4893543	4937745	4893935	0.89	cps
Boron	10-1	8853	8720	9045	8872	1.84	cps
Boron	11-1	42268	41115	42026	41803	1.45	cps
Cadmium	111-1	5702	5531	5635	5623	1.53	cps
Cadmium	106-1	4859	4859	4676	4798	2.21	cps
Cadmium	108-1	125	238	163	175	32.74	cps
Calcium	43-1	10229	10271	10020	10173	1.32	cps
Calcium	44-1	167402	165878	168617	167299	0.82	cps
Chromium	52-2	4181	4227	4157	4188	0.85	cps
Cobalt	59-2	3060	3300	3364	3242	4.94	cps
Copper	63-2	5004	5014	4954	4991	0.64	cps
Dysprosium	156-1	8	33	50	31	68.64	cps
Dysprosium	156-2	30	30	20	27	21.65	cps
Erbium	164-1	58	75	83	72	17.62	cps
Erbium	164-2	70	63	57	63	10.52	cps
Gadolinium	160-1	108	108	67	94	25.47	cps
Gadolinium	160-2	127	117	130	124	5.57	cps
Holmium	165-1	15295724	15235201	15375089	15302005	0.46	cps
Holmium	165-2	6034759	6099209	6095944	6076637	0.60	cps
Indium	115-1	10471583	10445760	10372881	10430075	0.49	cps
Indium	115-2	1544923	1542064	1537656	1541548	0.24	cps
Iron	56-2	90092	92244	93032	91789	1.66	cps
Iron	57-2	2417	2428	2311	2385	2.70	cps
Krypton	83-1	1590	1500	1413	1501	5.89	cps
Lead	206-1	9059	8686	9131	8959	2.66	cps
Lead	207-1	8725	8125	8364	8405	3.60	cps
Lead	208-1	37939	36421	37299	37220	2.05	cps
Lithium	6-1	2761068	2774469	2757594	2764377	0.32	cps
Magnesium	24-2	86584	86742	84731	86019	1.30	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1177	1280	1150	1202	5.71	cps
Molybdenum	94-1	15267	15200	15125	15198	0.47	cps
Molybdenum	95-1	19022	18379	18321	18574	2.09	cps
Molybdenum	96-1	20031	20407	20724	20387	1.70	cps
Molybdenum	97-1	12106	11347	11463	11639	3.51	cps
Molybdenum	98-1	31052	30509	29966	30509	1.78	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	7	3	10	7	50.03	cps
Nickel	60-2	927	870	1037	944	8.97	cps
Phosphorus	31-2	158	158	275	197	34.15	cps
Potassium	39-2	67672	65596	65520	66263	1.84	cps
Rhodium	103-1	8863087	8902733	8897204	8887675	0.24	cps
Rhodium	103-2	3965656	3953162	3952192	3957003	0.19	cps
Scandium	45-1	5429968	5367646	5386632	5394749	0.59	cps
Scandium	45-2	215057	214671	213211	214313	0.45	cps
Selenium	77-2	50	30	33	38	28.37	cps
Selenium	78-2	122	154	91	122	25.76	cps
Selenium	82-1	858	852	994	901	8.92	cps
Silicon	28-1	95252	95168	93426	94615	1.09	cps
Silver	109-1	9837	9745	9812	9798	0.48	cps
Silver	107-1	10004	10229	9954	10062	1.46	cps
Sodium	23-2	173458	173882	172135	173158	0.53	cps
Strontium	86-1	5376	4809	5076	5087	5.57	cps
Strontium	88-1	19856	20507	19130	19831	3.47	cps
Sulfur	34-1	350355	351613	350589	350852	0.19	cps
Terbium	159-1	15788574	15720974	15825776	15778441	0.34	cps
Terbium	159-2	6173842	6162438	6160492	6165591	0.12	cps
Thallium	203-1	11063	10655	11556	11091	4.07	cps
Thallium	205-1	26243	25626	25717	25862	1.29	cps
Thorium	232-1	41059	39962	38998	40006	2.58	cps
Tin	118-1	35947	36356	35153	35819	1.71	cps
Titanium	47-1	4809	4643	4701	4718	1.79	cps
Uranium	238-1	43098	42136	43090	42774	1.29	cps
Vanadium	51-2	7585	7499	7622	7569	0.84	cps
Yttrium	89-1	9737206	9664135	9742581	9714641	0.45	cps
Yttrium	89-2	1098311	1098568	1097041	1097974	0.07	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 14:57:41	DataFile Name :	018LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	927	937	1020	961	5.33	cps
Zirconium	90-1	12022	12072	12031	12042	0.22	cps
Zirconium	91-1	2900	2600	2842	2781	5.72	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : PB123705BL Instrumnet Name : P7
 Client Sample ID : PB123705BL Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:01:15 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	92	83	81	15.80	cps
Antimony	121-1	225	450	292	322	35.87	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	67	42	33	47	36.74	cps
Barium	137-1	58	58	100	72	33.31	cps
Beryllium	9-1	94	44	83	74	35.44	cps
Bismuth	209-1	11260452	11282056	11321237	11287915	0.27	cps
Bismuth	209-2	4781532	4918480	4958017	4886010	1.90	cps
Boron	10-1	2384	2325	2367	2359	1.27	cps
Boron	11-1	10462	10863	10137	10487	3.47	cps
Cadmium	111-1	3104	3121	3224	3150	2.07	cps
Cadmium	106-1	4418	4418	4551	4462	1.73	cps
Cadmium	108-1	25	13	4	14	75.48	cps
Calcium	43-1	142	133	117	131	9.75	cps
Calcium	44-1	3876	4251	4584	4237	8.37	cps
Chromium	52-2	453	353	407	404	12.37	cps
Cobalt	59-2	40	40	57	46	21.13	cps
Copper	63-2	460	457	500	472	5.11	cps
Dysprosium	156-1	17	0	42	19	107.85	cps
Dysprosium	156-2	20	7	10	12	56.76	cps
Erbium	164-1	117	67	50	78	44.61	cps
Erbium	164-2	83	60	40	61	35.49	cps
Gadolinium	160-1	92	50	108	83	36.06	cps
Gadolinium	160-2	153	130	107	130	17.95	cps
Holmium	165-1	15017672	15405195	15277183	15233350	1.30	cps
Holmium	165-2	6031308	6109539	6053316	6064721	0.67	cps
Indium	115-1	10444560	10456506	10556540	10485869	0.59	cps
Indium	115-2	1530917	1563869	1565726	1553504	1.26	cps
Iron	56-2	1856	1922	1956	1911	2.66	cps
Iron	57-2	89	78	39	69	38.32	cps
Krypton	83-1	1630	1667	1567	1621	3.12	cps
Lead	206-1	967	883	956	935	4.84	cps
Lead	207-1	933	950	983	956	2.66	cps
Lead	208-1	3339	3289	3289	3306	0.87	cps
Lithium	6-1	2804677	2782352	2790988	2792672	0.40	cps
Magnesium	24-2	333	375	358	356	5.90	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BL	Instrumnet Name :	P7
Client Sample ID :	PB123705BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:01:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1160	1167	1193	1173	1.50	cps
Molybdenum	94-1	250	325	417	331	25.25	cps
Molybdenum	95-1	233	158	167	186	22.09	cps
Molybdenum	96-1	267	267	250	261	3.69	cps
Molybdenum	97-1	133	208	133	158	27.35	cps
Molybdenum	98-1	333	250	292	292	14.29	cps
Neodymium	150-1	0	20	7	9	114.55	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	97	93	77	89	12.05	cps
Phosphorus	31-2	25	33	17	25	33.32	cps
Potassium	39-2	9070	8786	9370	9075	3.22	cps
Rhodium	103-1	9007891	8919552	8996566	8974669	0.54	cps
Rhodium	103-2	3969062	4001553	3993132	3987915	0.42	cps
Scandium	45-1	5491569	5443866	5474928	5470121	0.44	cps
Scandium	45-2	212951	214311	214660	213974	0.42	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	17	22	17	33.33	cps
Selenium	82-1	-63	-153	-43	-87	-67.59	cps
Silicon	28-1	56323	58766	56692	57261	2.30	cps
Silver	109-1	33	125	42	67	76.04	cps
Silver	107-1	83	150	108	114	29.57	cps
Sodium	23-2	13348	13548	13331	13409	0.90	cps
Strontium	86-1	2642	2617	2675	2645	1.11	cps
Strontium	88-1	325	275	317	306	8.77	cps
Sulfur	34-1	364669	362054	359759	362161	0.68	cps
Terbium	159-1	15830703	16038859	15832177	15900579	0.75	cps
Terbium	159-2	6143589	6193548	6209737	6182291	0.56	cps
Thallium	203-1	900	933	942	925	2.38	cps
Thallium	205-1	1675	1392	1725	1597	11.26	cps
Thorium	232-1	3078	3089	3056	3075	0.55	cps
Tin	118-1	650	500	783	644	22.00	cps
Titanium	47-1	83	33	42	53	50.76	cps
Uranium	238-1	2909	3209	2875	2998	6.12	cps
Vanadium	51-2	0	10	3	4	114.60	cps
Yttrium	89-1	9785773	9819350	9852564	9819229	0.34	cps
Yttrium	89-2	1100470	1110533	1114440	1108481	0.65	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BL	Instrumnet Name :	P7
Client Sample ID :	PB123705BL	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:01:15	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	497	533	473	501	6.04	cps
Zirconium	90-1	717	883	867	822	11.16	cps
Zirconium	91-1	183	117	208	169	27.97	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : PB123705BS Instrumnet Name : P7
 Client Sample ID : PB123705BS Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:04:49 DataFile Name : 020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	617159	612897	604309	611455	1.07	cps
Antimony	121-1	3886044	3894614	3879347	3886668	0.20	cps
Arsenic	75-2	85978	86302	86012	86097	0.21	cps
Barium	135-1	4418265	4458785	4439976	4439009	0.46	cps
Barium	137-1	7943173	7986879	7955359	7961804	0.28	cps
Beryllium	9-1	681283	681417	683768	682156	0.20	cps
Bismuth	209-1	10454855	10570656	10563939	10529817	0.62	cps
Bismuth	209-2	4633302	4603642	4597225	4611390	0.42	cps
Boron	10-1	123945	124863	123778	124196	0.47	cps
Boron	11-1	574889	593793	589958	586213	1.70	cps
Cadmium	111-1	1117051	1129769	1132546	1126456	0.73	cps
Cadmium	106-1	132808	133533	133869	133403	0.41	cps
Cadmium	108-1	88667	89518	88641	88942	0.56	cps
Calcium	43-1	982633	976719	971136	976829	0.59	cps
Calcium	44-1	15938905	15792152	15933907	15888321	0.52	cps
Chromium	52-2	905155	904749	893745	901216	0.72	cps
Cobalt	59-2	1495026	1479079	1479164	1484423	0.62	cps
Copper	63-2	2067086	2073287	2073011	2071128	0.17	cps
Dysprosium	156-1	75	100	50	75	33.33	cps
Dysprosium	156-2	70	70	73	71	2.70	cps
Erbium	164-1	67	50	33	50	33.34	cps
Erbium	164-2	30	63	67	53	38.02	cps
Gadolinium	160-1	92	50	92	78	30.93	cps
Gadolinium	160-2	170	157	180	169	6.93	cps
Holmium	165-1	15046310	15051519	15102379	15066736	0.21	cps
Holmium	165-2	5965263	5960976	5930033	5952091	0.32	cps
Indium	115-1	9786646	9867600	9717636	9790627	0.77	cps
Indium	115-2	1454078	1444608	1437437	1445374	0.58	cps
Iron	56-2	39940569	39878054	39335573	39718065	0.84	cps
Iron	57-2	998228	995770	993840	995946	0.22	cps
Krypton	83-1	1627	1570	1450	1549	5.82	cps
Lead	206-1	3952095	3996711	3995235	3981347	0.64	cps
Lead	207-1	3579279	3644836	3599740	3607952	0.93	cps
Lead	208-1	16454256	16684884	16534494	16557878	0.71	cps
Lithium	6-1	2584478	2583187	2583828	2583831	0.02	cps
Magnesium	24-2	8053370	7969100	7917457	7979976	0.86	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BS	Instrumnet Name :	P7
Client Sample ID :	PB123705BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:04:49	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1086876	1086055	1080446	1084459	0.32	cps
Molybdenum	94-1	7358459	7313351	7377382	7349731	0.45	cps
Molybdenum	95-1	9231149	9170438	9215927	9205838	0.34	cps
Molybdenum	96-1	10192734	10090654	10150087	10144491	0.51	cps
Molybdenum	97-1	5828203	5788213	5810826	5809081	0.35	cps
Molybdenum	98-1	15043968	15015802	15158727	15072832	0.50	cps
Neodymium	150-1	293	453	400	382	21.32	cps
Neodymium	150-2	30	40	27	32	21.53	cps
Nickel	60-2	385306	384485	384128	384640	0.16	cps
Phosphorus	31-2	28996	28127	27134	28086	3.32	cps
Potassium	39-2	2781999	2739136	2758320	2759818	0.78	cps
Rhodium	103-1	8129681	8167743	8146908	8148111	0.23	cps
Rhodium	103-2	3636884	3625970	3629134	3630663	0.15	cps
Scandium	45-1	5165443	5143504	5148783	5152577	0.22	cps
Scandium	45-2	206862	203146	204805	204938	0.91	cps
Selenium	77-2	2644	2640	2724	2669	1.77	cps
Selenium	78-2	8749	8879	8708	8779	1.01	cps
Selenium	82-1	77483	76876	76867	77075	0.46	cps
Silicon	28-1	2771927	2912473	2908467	2864289	2.79	cps
Silver	109-1	4472736	4483893	4454457	4470362	0.33	cps
Silver	107-1	4659231	4645541	4661500	4655424	0.19	cps
Sodium	23-2	15398709	15326995	15192848	15306184	0.68	cps
Strontium	86-1	1119319	1117510	1107694	1114841	0.56	cps
Strontium	88-1	9735203	9710242	9816210	9753885	0.57	cps
Sulfur	34-1	688023	696029	688718	690923	0.64	cps
Terbium	159-1	15454264	15607416	15569039	15543573	0.51	cps
Terbium	159-2	6040033	5976282	5990309	6002208	0.56	cps
Thallium	203-1	4791103	4855719	4838343	4828388	0.69	cps
Thallium	205-1	11732701	12126346	11980619	11946556	1.67	cps
Thorium	232-1	19138641	19477209	19323451	19313100	0.88	cps
Tin	118-1	3331290	3340587	3305598	3325825	0.54	cps
Titanium	47-1	2118875	2129763	2127580	2125406	0.27	cps
Uranium	238-1	19921742	20181454	19936180	20013125	0.73	cps
Vanadium	51-2	695549	695229	688990	693256	0.53	cps
Yttrium	89-1	9238058	9255510	9280070	9257879	0.23	cps
Yttrium	89-2	1048452	1048205	1036680	1044445	0.64	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	PB123705BS	Instrumnet Name :	P7
Client Sample ID :	PB123705BS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:04:49	DataFile Name :	020LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	351585	350962	351301	351283	0.09	cps
Zirconium	90-1	5834335	5914713	5899133	5882727	0.72	cps
Zirconium	91-1	1288769	1284300	1297175	1290081	0.51	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2125	2475	2159	2253	8.58	cps
Antimony	121-1	6735	6744	6385	6621	3.09	cps
Arsenic	75-2	372	356	393	373	4.97	cps
Barium	135-1	16560	15718	16636	16305	3.13	cps
Barium	137-1	29274	28497	28221	28664	1.90	cps
Beryllium	9-1	222	106	122	150	42.06	cps
Bismuth	209-1	9720262	9793713	10125523	9879833	2.19	cps
Bismuth	209-2	4304238	4388154	4339013	4343801	0.97	cps
Boron	10-1	14382	13473	14082	13979	3.31	cps
Boron	11-1	65501	65685	64112	65099	1.32	cps
Cadmium	111-1	3056	3027	2906	2996	2.66	cps
Cadmium	106-1	3992	4017	3934	3981	1.07	cps
Cadmium	108-1	79	50	63	64	22.91	cps
Calcium	43-1	11964	11522	11630	11705	1.97	cps
Calcium	44-1	209385	208286	206845	208172	0.61	cps
Chromium	52-2	2214	2230	2180	2208	1.15	cps
Cobalt	59-2	160	190	160	170	10.19	cps
Copper	63-2	2129860	2143649	2123999	2132503	0.47	cps
Dysprosium	156-1	175	150	158	161	7.90	cps
Dysprosium	156-2	63	100	90	84	22.45	cps
Erbium	164-1	300	283	300	294	3.27	cps
Erbium	164-2	167	117	117	133	21.65	cps
Gadolinium	160-1	375	217	275	289	27.72	cps
Gadolinium	160-2	190	247	213	217	13.15	cps
Holmium	165-1	13642393	13929322	14233697	13935138	2.12	cps
Holmium	165-2	5511945	5609331	5588589	5569955	0.92	cps
Indium	115-1	9154096	9144427	9347077	9215200	1.24	cps
Indium	115-2	1367274	1367690	1361150	1365371	0.27	cps
Iron	56-2	114382	111784	112384	112850	1.21	cps
Iron	57-2	2984	2839	3095	2973	4.31	cps
Krypton	83-1	1357	1300	1427	1361	4.66	cps
Lead	206-1	473333	467437	486637	475802	2.07	cps
Lead	207-1	394506	394242	406982	398576	1.83	cps
Lead	208-1	1850458	1853394	1906289	1870047	1.68	cps
Lithium	6-1	2391740	2393733	2428919	2404797	0.87	cps
Magnesium	24-2	15584	16018	16234	15945	2.08	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1680	1497	1410	1529	9.02	cps
Molybdenum	94-1	18688	19005	18863	18852	0.84	cps
Molybdenum	95-1	30333	29006	29106	29481	2.51	cps
Molybdenum	96-1	32145	30442	32146	31578	3.12	cps
Molybdenum	97-1	18496	18997	18371	18621	1.78	cps
Molybdenum	98-1	49303	48032	47798	48378	1.67	cps
Neodymium	150-1	140	227	153	173	26.92	cps
Neodymium	150-2	60	50	70	60	16.67	cps
Nickel	60-2	3430	3334	3260	3342	2.55	cps
Phosphorus	31-2	200	167	192	186	9.32	cps
Potassium	39-2	13298	13148	12589	13012	2.87	cps
Rhodium	103-1	7560323	7721956	7760231	7680837	1.38	cps
Rhodium	103-2	3448938	3454611	3434879	3446143	0.29	cps
Scandium	45-1	4754921	4776471	4819936	4783776	0.69	cps
Scandium	45-2	188451	190045	188435	188977	0.49	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	20	22	13	19	26.46	cps
Selenium	82-1	189	251	141	194	28.32	cps
Silicon	28-1	23973986	23931456	24210835	24038759	0.63	cps
Silver	109-1	2350	1975	2267	2197	8.96	cps
Silver	107-1	2400	2225	2109	2245	6.54	cps
Sodium	23-2	21429622	21403096	21224846	21352522	0.52	cps
Strontium	86-1	9945	9545	9729	9740	2.06	cps
Strontium	88-1	64186	64508	62679	63791	1.53	cps
Sulfur	34-1	596709	588367	594306	593128	0.72	cps
Terbium	159-1	14176407	14207964	14569451	14317941	1.53	cps
Terbium	159-2	5640790	5601152	5642306	5628083	0.41	cps
Thallium	203-1	1892	1675	1650	1739	7.64	cps
Thallium	205-1	4443	3559	3217	3740	16.91	cps
Thorium	232-1	11650	10249	10082	10660	8.08	cps
Tin	118-1	62657	61267	62640	62188	1.28	cps
Titanium	47-1	1317	1108	1050	1158	12.11	cps
Uranium	238-1	15910	15209	15368	15496	2.37	cps
Vanadium	51-2	1650	1633	1643	1642	0.51	cps
Yttrium	89-1	8534030	8594498	8653151	8593893	0.69	cps
Yttrium	89-2	979786	967455	968933	972058	0.69	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01	Instrumnet Name :	P7
Client Sample ID :	390927052	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:08:23	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	199107	197381	196278	197589	0.72	cps
Zirconium	90-1	5093	5668	6052	5604	8.62	cps
Zirconium	91-1	1509	1275	1150	1311	13.88	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2876	2459	2234	2523	12.92	cps
Antimony	121-1	3734	3976	3559	3756	5.57	cps
Arsenic	75-2	356	400	369	375	6.10	cps
Barium	135-1	14834	16185	16578	15865	5.77	cps
Barium	137-1	28372	27336	28062	27924	1.90	cps
Beryllium	9-1	78	89	94	87	9.75	cps
Bismuth	209-1	9820827	9805214	9920818	9848953	0.64	cps
Bismuth	209-2	4351995	4343280	4278715	4324663	0.93	cps
Boron	10-1	11296	11046	10596	10979	3.23	cps
Boron	11-1	50845	51756	51396	51332	0.89	cps
Cadmium	111-1	2869	2713	2752	2778	2.92	cps
Cadmium	106-1	4001	3759	3792	3851	3.40	cps
Cadmium	108-1	75	50	75	67	21.65	cps
Calcium	43-1	11330	11213	11263	11269	0.52	cps
Calcium	44-1	201850	200322	203626	201933	0.82	cps
Chromium	52-2	2144	2094	2054	2097	2.15	cps
Cobalt	59-2	127	157	120	134	14.53	cps
Copper	63-2	2102748	2130875	2137022	2123548	0.86	cps
Dysprosium	156-1	75	150	167	131	37.40	cps
Dysprosium	156-2	63	70	87	73	16.39	cps
Erbium	164-1	292	333	300	308	7.15	cps
Erbium	164-2	143	107	140	130	15.60	cps
Gadolinium	160-1	242	175	233	217	16.77	cps
Gadolinium	160-2	193	193	190	192	1.00	cps
Holmium	165-1	13960027	13905060	13970243	13945110	0.25	cps
Holmium	165-2	5585030	5593284	5391740	5523351	2.06	cps
Indium	115-1	9036585	9178538	9163152	9126092	0.85	cps
Indium	115-2	1346527	1355919	1336495	1346314	0.72	cps
Iron	56-2	110981	110708	124077	115256	6.63	cps
Iron	57-2	2723	2789	2789	2767	1.39	cps
Krypton	83-1	1397	1460	1467	1441	2.68	cps
Lead	206-1	472511	476393	471470	473458	0.55	cps
Lead	207-1	398341	400560	400034	399645	0.29	cps
Lead	208-1	1859307	1863469	1876563	1866446	0.48	cps
Lithium	6-1	2338491	2357350	2354004	2349949	0.43	cps
Magnesium	24-2	15584	14908	15617	15369	2.60	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1533	1387	1523	1481	5.53	cps
Molybdenum	94-1	16419	17228	18012	17220	4.63	cps
Molybdenum	95-1	27561	26859	28104	27508	2.27	cps
Molybdenum	96-1	30918	29957	28955	29943	3.28	cps
Molybdenum	97-1	17778	17878	17253	17636	1.91	cps
Molybdenum	98-1	45900	45415	46493	45936	1.18	cps
Neodymium	150-1	147	220	120	162	31.92	cps
Neodymium	150-2	63	47	77	62	24.16	cps
Nickel	60-2	3167	3264	3400	3277	3.58	cps
Phosphorus	31-2	233	292	258	261	11.21	cps
Potassium	39-2	12973	12764	12497	12745	1.87	cps
Rhodium	103-1	7490805	7635478	7613617	7579966	1.03	cps
Rhodium	103-2	3398778	3416635	3385501	3400305	0.46	cps
Scandium	45-1	4644370	4690975	4689417	4674921	0.57	cps
Scandium	45-2	186525	185661	183420	185202	0.87	cps
Selenium	77-2	0	10	0	3	173.21	cps
Selenium	78-2	20	17	20	19	11.16	cps
Selenium	82-1	49	-22	7	12	307.85	cps
Silicon	28-1	23596961	23522065	23694173	23604399	0.37	cps
Silver	109-1	1884	1984	1900	1922	2.79	cps
Silver	107-1	2025	1900	2025	1984	3.64	cps
Sodium	23-2	21168054	21318049	21413654	21299919	0.58	cps
Strontium	86-1	9779	9395	9570	9581	2.00	cps
Strontium	88-1	62646	61031	61892	61856	1.31	cps
Sulfur	34-1	573153	576709	574174	574679	0.32	cps
Terbium	159-1	14184631	14229644	14220634	14211636	0.17	cps
Terbium	159-2	5633916	5608330	5542971	5595072	0.84	cps
Thallium	203-1	1067	1067	917	1017	8.52	cps
Thallium	205-1	1984	1850	1800	1878	5.05	cps
Thorium	232-1	4940	4773	4762	4825	2.06	cps
Tin	118-1	59268	60472	60129	59957	1.03	cps
Titanium	47-1	967	1017	867	950	8.04	cps
Uranium	238-1	13691	13683	13900	13758	0.89	cps
Vanadium	51-2	1727	1717	1680	1708	1.44	cps
Yttrium	89-1	8489926	8480577	8515398	8495300	0.21	cps
Yttrium	89-2	956630	962302	952955	957296	0.49	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01DUP	Instrumnet Name :	P7
Client Sample ID :	390927052DUP	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:11:58	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	194689	195838	196395	195641	0.44	cps
Zirconium	90-1	4885	4501	4743	4710	4.12	cps
Zirconium	91-1	1092	925	1000	1006	8.30	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	483	508	492	494	2.58	cps
Antimony	121-1	1042	908	950	967	7.06	cps
Arsenic	75-2	81	94	76	84	11.32	cps
Barium	135-1	3592	3417	3501	3503	2.50	cps
Barium	137-1	6152	6043	6127	6107	0.93	cps
Beryllium	9-1	89	117	72	93	24.25	cps
Bismuth	209-1	10759733	10715610	10741683	10739009	0.21	cps
Bismuth	209-2	4601552	4675767	4670476	4649265	0.89	cps
Boron	10-1	3926	4017	3842	3928	2.23	cps
Boron	11-1	19121	19129	18696	18982	1.31	cps
Cadmium	111-1	2842	3045	2987	2958	3.54	cps
Cadmium	106-1	3959	4259	4234	4151	4.01	cps
Cadmium	108-1	13	4	21	13	66.64	cps
Calcium	43-1	2575	2359	2300	2411	6.01	cps
Calcium	44-1	45955	47060	46340	46452	1.21	cps
Chromium	52-2	763	747	797	769	3.31	cps
Cobalt	59-2	50	50	33	44	21.66	cps
Copper	63-2	452886	455469	455634	454663	0.34	cps
Dysprosium	156-1	33	42	58	44	28.65	cps
Dysprosium	156-2	53	40	23	39	38.65	cps
Erbium	164-1	125	42	83	83	50.00	cps
Erbium	164-2	77	57	83	72	19.22	cps
Gadolinium	160-1	125	125	50	100	43.30	cps
Gadolinium	160-2	140	223	167	177	24.09	cps
Holmium	165-1	14978605	14722350	14718099	14806352	1.01	cps
Holmium	165-2	5763099	5816168	5828608	5802625	0.60	cps
Indium	115-1	9867151	9887620	9858933	9871235	0.15	cps
Indium	115-2	1439809	1457094	1451793	1449565	0.61	cps
Iron	56-2	24126	23926	27030	25027	6.94	cps
Iron	57-2	517	583	617	572	8.90	cps
Krypton	83-1	1420	1423	1607	1483	7.20	cps
Lead	206-1	101667	100491	100519	100892	0.66	cps
Lead	207-1	86901	85302	84832	85678	1.27	cps
Lead	208-1	405098	394799	394490	398129	1.52	cps
Lithium	6-1	2552174	2510401	2527727	2530101	0.83	cps
Magnesium	24-2	3451	3184	3192	3275	4.63	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1030	1190	1120	1113	7.20	cps
Molybdenum	94-1	4009	3742	3859	3870	3.46	cps
Molybdenum	95-1	6352	5793	6102	6082	4.60	cps
Molybdenum	96-1	6627	6860	6752	6746	1.73	cps
Molybdenum	97-1	4076	3634	3909	3873	5.76	cps
Molybdenum	98-1	9770	9537	9962	9757	2.18	cps
Neodymium	150-1	60	334	40	145	113.51	cps
Neodymium	150-2	10	17	23	17	39.99	cps
Nickel	60-2	737	687	740	721	4.14	cps
Phosphorus	31-2	50	92	67	69	30.20	cps
Potassium	39-2	9295	9662	8903	9287	4.09	cps
Rhodium	103-1	8356988	8283029	8277950	8305989	0.53	cps
Rhodium	103-2	3669677	3714443	3708703	3697608	0.66	cps
Scandium	45-1	5051571	5062196	5021665	5045144	0.42	cps
Scandium	45-2	197995	199656	198676	198776	0.42	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	2	15	13	10	71.00	cps
Selenium	82-1	76	73	-149	0	69066.65	cps
Silicon	28-1	5089102	5078948	5061898	5076649	0.27	cps
Silver	109-1	383	458	592	478	22.09	cps
Silver	107-1	533	508	583	542	7.05	cps
Sodium	23-2	4394033	4459249	4454606	4435963	0.82	cps
Strontium	86-1	4226	3601	3476	3767	10.67	cps
Strontium	88-1	14508	13682	13015	13735	5.45	cps
Sulfur	34-1	351192	346888	347443	348508	0.67	cps
Terbium	159-1	15129046	15173959	15164986	15155997	0.16	cps
Terbium	159-2	5874423	5906265	5880383	5887024	0.29	cps
Thallium	203-1	825	925	958	903	7.69	cps
Thallium	205-1	1600	1584	1475	1553	4.37	cps
Thorium	232-1	3228	3117	3356	3234	3.70	cps
Tin	118-1	13399	13157	13182	13246	1.00	cps
Titanium	47-1	267	292	300	286	6.06	cps
Uranium	238-1	5410	5268	5326	5335	1.34	cps
Vanadium	51-2	353	403	433	397	10.19	cps
Yttrium	89-1	9242238	9125584	9147430	9171751	0.68	cps
Yttrium	89-2	1017296	1033798	1030083	1027059	0.84	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01LX5	Instrumnet Name :	P7
Client Sample ID :	390927052L	Dilution Factor :	5
Date & Time Acquired ::	2019-10-07 15:15:32	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	45019	45233	45243	45165	0.28	cps
Zirconium	90-1	1442	1509	1267	1406	8.88	cps
Zirconium	91-1	300	292	308	300	2.78	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MS	Instrumnet Name :	P7
Client Sample ID :	390927052MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:19:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	115686	115696	115653	115678	0.02	cps
Antimony	121-1	6064822	6069811	6103336	6079323	0.34	cps
Arsenic	75-2	123420	122892	123263	123192	0.22	cps
Barium	135-1	358392	361557	363641	361197	0.73	cps
Barium	137-1	641770	643489	647082	644114	0.42	cps
Beryllium	9-1	245268	247705	250442	247805	1.04	cps
Bismuth	209-1	9735905	9699533	9823520	9752986	0.65	cps
Bismuth	209-2	4271807	4337559	4277347	4295571	0.85	cps
Boron	10-1	80522	84242	83682	82815	2.42	cps
Boron	11-1	377472	383868	390349	383896	1.68	cps
Cadmium	111-1	402743	403628	404861	403744	0.26	cps
Cadmium	106-1	39080	38887	39606	39191	0.95	cps
Cadmium	108-1	26037	26609	27155	26600	2.10	cps
Calcium	43-1	28770	28979	28871	28873	0.36	cps
Calcium	44-1	479911	475310	488017	481079	1.34	cps
Chromium	52-2	692009	699873	696219	696033	0.57	cps
Cobalt	59-2	579711	581383	579871	580322	0.16	cps
Copper	63-2	2771106	2780894	2795201	2782400	0.44	cps
Dysprosium	156-1	549778	548329	560929	553012	1.25	cps
Dysprosium	156-2	89945	89645	89987	89859	0.21	cps
Erbium	164-1	267	225	275	256	10.48	cps
Erbium	164-2	140	130	173	148	15.36	cps
Gadolinium	160-1	442	350	400	397	11.55	cps
Gadolinium	160-2	233	213	277	241	13.43	cps
Holmium	165-1	13687354	13662470	13616645	13655490	0.26	cps
Holmium	165-2	5501615	5573219	5477452	5517429	0.90	cps
Indium	115-1	8842758	8917494	9049186	8936479	1.17	cps
Indium	115-2	1334639	1334279	1331987	1333635	0.11	cps
Iron	56-2	4746311	4755591	4748963	4750288	0.10	cps
Iron	57-2	118900	118541	118239	118560	0.28	cps
Krypton	83-1	1533	1523	1417	1491	4.34	cps
Lead	206-1	8158459	8175541	8275096	8203032	0.77	cps
Lead	207-1	7420775	7428745	7475626	7441716	0.40	cps
Lead	208-1	33731462	33874383	34285231	33963692	0.85	cps
Lithium	6-1	2424847	2455317	2474192	2451452	1.02	cps
Magnesium	24-2	323929	329660	324186	325925	0.99	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MS	Instrumnet Name :	P7
Client Sample ID :	390927052MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:19:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	208279	207485	206269	207344	0.49	cps
Molybdenum	94-1	771384	770943	777398	773242	0.47	cps
Molybdenum	95-1	1359811	1357800	1364785	1360799	0.26	cps
Molybdenum	96-1	1443538	1453501	1456344	1451128	0.46	cps
Molybdenum	97-1	846409	852717	865576	854901	1.14	cps
Molybdenum	98-1	2244278	2234670	2265784	2248244	0.71	cps
Neodymium	150-1	147	207	247	200	25.17	cps
Neodymium	150-2	53	37	57	49	21.91	cps
Nickel	60-2	377527	377276	376083	376962	0.20	cps
Phosphorus	31-2	14641	14808	15525	14991	3.13	cps
Potassium	39-2	1072369	1067404	1072024	1070599	0.26	cps
Rhodium	103-1	7540110	7472961	7678027	7563699	1.38	cps
Rhodium	103-2	3448474	3424437	3415537	3429482	0.50	cps
Scandium	45-1	4657277	4707780	4752074	4705710	1.01	cps
Scandium	45-2	184939	188718	188908	187522	1.19	cps
Selenium	77-2	8359	8433	8433	8408	0.50	cps
Selenium	78-2	28534	28448	28543	28508	0.18	cps
Selenium	82-1	249444	247031	251198	249224	0.84	cps
Silicon	28-1	27683072	28053368	28399952	28045464	1.28	cps
Silver	109-1	654533	646976	646795	649435	0.68	cps
Silver	107-1	673375	675218	672487	673693	0.21	cps
Sodium	23-2	22662872	22764534	22607440	22678282	0.35	cps
Strontium	86-1	429393	436892	434591	433625	0.89	cps
Strontium	88-1	3747823	3711902	3747341	3735689	0.55	cps
Sulfur	34-1	579362	572294	574772	575476	0.62	cps
Terbium	159-1	14233251	14063094	14430988	14242444	1.29	cps
Terbium	159-2	5631791	5627815	5566739	5608782	0.65	cps
Thallium	203-1	18759299	18771563	18987589	18839484	0.68	cps
Thallium	205-1	45275826	45067499	45627608	45323644	0.62	cps
Thorium	232-1	5290	5301	5479	5357	1.98	cps
Tin	118-1	4631594	4563309	4651009	4615304	1.00	cps
Titanium	47-1	170109	171823	171536	171156	0.54	cps
Uranium	238-1	13758	13282	13749	13596	2.00	cps
Vanadium	51-2	399501	399663	397181	398782	0.35	cps
Yttrium	89-1	8407047	8423382	8566068	8465499	1.03	cps
Yttrium	89-2	985550	967403	967308	973420	1.08	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MS	Instrumnet Name :	P7
Client Sample ID :	390927052MS	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:19:07	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	258195	261651	260895	260247	0.70	cps
Zirconium	90-1	9187	8503	8678	8789	4.04	cps
Zirconium	91-1	3201	3125	3359	3228	3.69	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	111614	111261	110783	111219	0.38	cps
Antimony	121-1	5750262	5783921	5820210	5784798	0.60	cps
Arsenic	75-2	121336	121202	119501	120680	0.85	cps
Barium	135-1	350531	350017	354909	351819	0.76	cps
Barium	137-1	622690	625227	633898	627272	0.94	cps
Beryllium	9-1	237518	238268	240081	238623	0.55	cps
Bismuth	209-1	9812387	9925949	9999555	9912630	0.95	cps
Bismuth	209-2	4315715	4353006	4295623	4321448	0.67	cps
Boron	10-1	79325	81528	82709	81187	2.12	cps
Boron	11-1	375687	383678	388901	382755	1.74	cps
Cadmium	111-1	391670	391816	393265	392250	0.22	cps
Cadmium	106-1	38002	36748	38002	37584	1.93	cps
Cadmium	108-1	26692	26909	25565	26389	2.73	cps
Calcium	43-1	28988	28103	28211	28434	1.70	cps
Calcium	44-1	472231	461782	468096	467370	1.13	cps
Chromium	52-2	675698	677480	677404	676861	0.15	cps
Cobalt	59-2	563709	566249	563375	564444	0.28	cps
Copper	63-2	2737526	2749942	2725281	2737583	0.45	cps
Dysprosium	156-1	533728	532212	531588	532509	0.21	cps
Dysprosium	156-2	87213	87343	86971	87176	0.22	cps
Erbium	164-1	375	275	333	328	15.33	cps
Erbium	164-2	143	120	130	131	8.93	cps
Gadolinium	160-1	400	417	358	392	7.67	cps
Gadolinium	160-2	213	247	233	231	7.26	cps
Holmium	165-1	13887609	13958067	13995986	13947221	0.39	cps
Holmium	165-2	5577756	5553958	5571483	5567732	0.22	cps
Indium	115-1	9086799	9154929	9131724	9124484	0.38	cps
Indium	115-2	1335986	1353913	1335542	1341814	0.78	cps
Iron	56-2	4596970	4622442	4582408	4600607	0.44	cps
Iron	57-2	115080	115311	116228	115540	0.53	cps
Krypton	83-1	1463	1380	1453	1432	3.18	cps
Lead	206-1	7994624	7942678	7938975	7958759	0.39	cps
Lead	207-1	7170237	7195841	7235233	7200437	0.45	cps
Lead	208-1	32736292	32942239	32998061	32892197	0.42	cps
Lithium	6-1	2452279	2493949	2473763	2473330	0.84	cps
Magnesium	24-2	313941	314333	315653	314642	0.29	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	201599	201898	200639	201379	0.33	cps
Molybdenum	94-1	736688	740677	740151	739172	0.29	cps
Molybdenum	95-1	1289433	1306530	1293430	1296464	0.69	cps
Molybdenum	96-1	1379706	1380076	1377440	1379074	0.10	cps
Molybdenum	97-1	810868	813736	812079	812227	0.18	cps
Molybdenum	98-1	2112674	2124325	2127174	2121391	0.36	cps
Neodymium	150-1	240	240	273	251	7.67	cps
Neodymium	150-2	77	57	53	62	20.29	cps
Nickel	60-2	366251	367088	364962	366100	0.29	cps
Phosphorus	31-2	14057	14407	14983	14483	3.23	cps
Potassium	39-2	1049908	1044564	1036061	1043511	0.67	cps
Rhodium	103-1	7667722	7744683	7703540	7705315	0.50	cps
Rhodium	103-2	3457288	3485210	3444333	3462277	0.60	cps
Scandium	45-1	4802041	4784602	4804451	4797031	0.23	cps
Scandium	45-2	190819	190315	189566	190233	0.33	cps
Selenium	77-2	8283	8236	8042	8187	1.56	cps
Selenium	78-2	27493	27651	27715	27620	0.41	cps
Selenium	82-1	244045	244337	244647	244343	0.12	cps
Silicon	28-1	27369626	27590680	27975248	27645184	1.11	cps
Silver	109-1	636287	632088	632658	633678	0.36	cps
Silver	107-1	652933	650627	653453	652338	0.23	cps
Sodium	23-2	22312329	22366035	22159641	22279335	0.48	cps
Strontium	86-1	420666	420128	420072	420288	0.08	cps
Strontium	88-1	3635034	3675125	3654396	3654851	0.55	cps
Sulfur	34-1	564412	562296	562720	563143	0.20	cps
Terbium	159-1	14380585	14459897	14400321	14413601	0.29	cps
Terbium	159-2	5677729	5678480	5606146	5654118	0.73	cps
Thallium	203-1	18207534	18433660	18269586	18303593	0.64	cps
Thallium	205-1	43889025	43923105	43913627	43908586	0.04	cps
Thorium	232-1	4162	4484	4017	4221	5.66	cps
Tin	118-1	4416587	4382808	4376200	4391865	0.49	cps
Titanium	47-1	159360	163835	166936	163377	2.33	cps
Uranium	238-1	13699	14025	13766	13830	1.24	cps
Vanadium	51-2	391937	383895	382870	386234	1.29	cps
Yttrium	89-1	8602141	8600402	8674803	8625782	0.49	cps
Yttrium	89-2	980876	988685	984358	984640	0.40	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01MSD	Instrumnet Name :	P7
Client Sample ID :	390927052MSD	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:22:42	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	255824	258263	257488	257192	0.48	cps
Zirconium	90-1	7035	7344	7194	7191	2.15	cps
Zirconium	91-1	2859	3025	3167	3017	5.12	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : K5186-01A Instrumnet Name : P7
 Client Sample ID : 390927052A Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:26:17 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	116753	116509	116678	116647	0.11	cps
Antimony	121-1	6043428	6079306	6101743	6074826	0.48	cps
Arsenic	75-2	124133	124380	124894	124469	0.31	cps
Barium	135-1	364245	365901	367700	365949	0.47	cps
Barium	137-1	646021	648561	652417	649000	0.50	cps
Beryllium	9-1	245606	247671	250189	247822	0.93	cps
Bismuth	209-1	9906146	9854247	9963338	9907910	0.55	cps
Bismuth	209-2	4303007	4314653	4375539	4331067	0.90	cps
Boron	10-1	84234	83716	87646	85199	2.51	cps
Boron	11-1	402225	402883	406886	403998	0.62	cps
Cadmium	111-1	405065	404114	410006	406395	0.78	cps
Cadmium	106-1	38938	39531	39865	39445	1.19	cps
Cadmium	108-1	27076	27652	26955	27228	1.37	cps
Calcium	43-1	29063	29514	29923	29500	1.46	cps
Calcium	44-1	481541	481751	488138	483810	0.78	cps
Chromium	52-2	694760	692128	693494	693461	0.19	cps
Cobalt	59-2	579677	586734	587227	584546	0.72	cps
Copper	63-2	2797819	2799973	2807322	2801705	0.18	cps
Dysprosium	156-1	549750	549738	558840	552776	0.95	cps
Dysprosium	156-2	88903	89816	90649	89790	0.97	cps
Erbium	164-1	300	367	333	333	10.00	cps
Erbium	164-2	160	163	140	154	8.17	cps
Gadolinium	160-1	467	467	417	450	6.42	cps
Gadolinium	160-2	227	220	277	241	12.84	cps
Holmium	165-1	14180357	14025413	14137195	14114322	0.57	cps
Holmium	165-2	5520788	5551687	5605038	5559171	0.77	cps
Indium	115-1	9073636	9124279	9264301	9154072	1.08	cps
Indium	115-2	1346736	1360034	1352118	1352962	0.49	cps
Iron	56-2	4727973	4737774	4762539	4742762	0.38	cps
Iron	57-2	118323	119797	120150	119423	0.81	cps
Krypton	83-1	1367	1467	1477	1437	4.23	cps
Lead	206-1	8301596	8232636	8328510	8287581	0.60	cps
Lead	207-1	7458483	7414635	7552042	7475053	0.94	cps
Lead	208-1	34010144	33975828	34385256	34123742	0.67	cps
Lithium	6-1	2494215	2499689	2514547	2502817	0.42	cps
Magnesium	24-2	324478	324538	319837	322951	0.84	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01A	Instrumnet Name :	P7
Client Sample ID :	390927052A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:26:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	206244	206846	206757	206616	0.16	cps
Molybdenum	94-1	771218	773360	774489	773022	0.21	cps
Molybdenum	95-1	1358156	1349442	1360362	1355987	0.43	cps
Molybdenum	96-1	1454616	1441574	1465093	1453761	0.81	cps
Molybdenum	97-1	858010	858541	871013	862521	0.85	cps
Molybdenum	98-1	2226015	2224142	2260428	2236862	0.91	cps
Neodymium	150-1	307	253	287	282	9.55	cps
Neodymium	150-2	80	53	70	68	19.88	cps
Nickel	60-2	378601	380529	379234	379455	0.26	cps
Phosphorus	31-2	14633	14925	14825	14794	1.00	cps
Potassium	39-2	1077062	1084102	1074049	1078404	0.48	cps
Rhodium	103-1	7721691	7780513	7843584	7781929	0.78	cps
Rhodium	103-2	3473953	3494838	3502991	3490594	0.43	cps
Scandium	45-1	4771545	4834442	4884684	4830224	1.17	cps
Scandium	45-2	190008	191122	192429	191186	0.63	cps
Selenium	77-2	8509	8252	8409	8390	1.54	cps
Selenium	78-2	28235	28565	28892	28564	1.15	cps
Selenium	82-1	251966	251574	251407	251649	0.11	cps
Silicon	28-1	28414099	28555841	28897299	28622413	0.87	cps
Silver	109-1	649150	659285	654595	654344	0.78	cps
Silver	107-1	682322	685805	680660	682929	0.38	cps
Sodium	23-2	22906042	22791412	22769976	22822477	0.32	cps
Strontium	86-1	437366	440965	441685	440005	0.53	cps
Strontium	88-1	3746933	3794142	3854571	3798549	1.42	cps
Sulfur	34-1	571331	572385	573218	572311	0.17	cps
Terbium	159-1	14327421	14514087	14587090	14476199	0.93	cps
Terbium	159-2	5613251	5679940	5676899	5656697	0.67	cps
Thallium	203-1	18968191	19003049	19196174	19055805	0.64	cps
Thallium	205-1	45532100	45714555	45844194	45696950	0.34	cps
Thorium	232-1	3728	3951	3795	3825	2.98	cps
Tin	118-1	4582811	4592543	4625381	4600245	0.48	cps
Titanium	47-1	171092	170786	170397	170758	0.20	cps
Uranium	238-1	14333	13983	14475	14264	1.78	cps
Vanadium	51-2	396760	400034	397502	398099	0.43	cps
Yttrium	89-1	8656877	8667357	8787384	8703873	0.83	cps
Yttrium	89-2	982775	986561	993250	987529	0.54	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	K5186-01A	Instrumnet Name :	P7
Client Sample ID :	390927052A	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:26:17	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	263312	261791	259714	261606	0.69	cps
Zirconium	90-1	6878	6468	7486	6944	7.37	cps
Zirconium	91-1	2959	2859	3075	2964	3.66	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3246716	3252862	3252745	3250774	0.11	cps
Antimony	121-1	3758544	3702473	3745255	3735424	0.78	cps
Arsenic	75-2	85076	84026	84296	84466	0.65	cps
Barium	135-1	4353980	4338090	4318163	4336744	0.41	cps
Barium	137-1	7808219	7844994	7824858	7826024	0.24	cps
Beryllium	9-1	674551	658985	671306	668281	1.23	cps
Bismuth	209-1	10023315	9919127	9723580	9888674	1.54	cps
Bismuth	209-2	4318867	4207960	4333902	4286910	1.60	cps
Boron	10-1	125988	127005	130206	127733	1.72	cps
Boron	11-1	603336	595775	609964	603025	1.18	cps
Cadmium	111-1	1100653	1091276	1100426	1097452	0.49	cps
Cadmium	106-1	131304	130690	131363	131119	0.28	cps
Cadmium	108-1	88370	87078	88181	87876	0.79	cps
Calcium	43-1	4753973	4761011	4807305	4774096	0.61	cps
Calcium	44-1	77962983	77329235	77987883	77760034	0.48	cps
Chromium	52-2	904108	910843	909198	908049	0.39	cps
Cobalt	59-2	1445435	1428537	1445643	1439872	0.68	cps
Copper	63-2	2106577	2106973	2099067	2104205	0.21	cps
Dysprosium	156-1	267	217	283	256	13.58	cps
Dysprosium	156-2	67	110	130	102	31.67	cps
Erbium	164-1	158	92	125	125	26.67	cps
Erbium	164-2	77	50	100	76	33.11	cps
Gadolinium	160-1	133	142	183	153	17.53	cps
Gadolinium	160-2	157	203	157	172	15.65	cps
Holmium	165-1	15053406	14884680	14877964	14938683	0.67	cps
Holmium	165-2	5928571	5790092	5907798	5875487	1.27	cps
Indium	115-1	9686056	9559859	9417433	9554450	1.41	cps
Indium	115-2	1434281	1393755	1422102	1416713	1.47	cps
Iron	56-2	191680982	190790204	190626521	191032569	0.30	cps
Iron	57-2	4721760	4766657	4749211	4745876	0.48	cps
Krypton	83-1	1507	1457	1423	1462	2.87	cps
Lead	206-1	3754721	3711576	3693835	3720044	0.84	cps
Lead	207-1	3453721	3414973	3389076	3419257	0.95	cps
Lead	208-1	15731483	15661717	15499842	15631014	0.76	cps
Lithium	6-1	2600679	2559829	2571494	2577334	0.82	cps
Magnesium	24-2	38400696	38188140	38177107	38255314	0.33	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1057342	1060799	1055581	1057908	0.25	cps
Molybdenum	94-1	7390691	7322315	7409682	7374229	0.62	cps
Molybdenum	95-1	9204528	9129383	9211741	9181884	0.50	cps
Molybdenum	96-1	10177981	10098241	10161585	10145936	0.42	cps
Molybdenum	97-1	5818901	5804092	5814091	5812361	0.13	cps
Molybdenum	98-1	15041837	15008704	15032632	15027724	0.11	cps
Neodymium	150-1	507	660	500	556	16.29	cps
Neodymium	150-2	90	77	63	77	17.39	cps
Nickel	60-2	368693	372611	371555	370953	0.55	cps
Phosphorus	31-2	28311	27710	27535	27852	1.46	cps
Potassium	39-2	13803564	13867589	13853636	13841596	0.24	cps
Rhodium	103-1	7894701	7766146	7660990	7773946	1.51	cps
Rhodium	103-2	3507654	3417186	3478215	3467685	1.33	cps
Scandium	45-1	5311164	5211173	5171608	5231315	1.37	cps
Scandium	45-2	210195	206586	207866	208215	0.88	cps
Selenium	77-2	2517	2420	2514	2484	2.21	cps
Selenium	78-2	8332	8427	8560	8440	1.36	cps
Selenium	82-1	74843	73606	75274	74575	1.16	cps
Silicon	28-1	2559424	2575380	2633544	2589449	1.51	cps
Silver	109-1	4387828	4334912	4369076	4363939	0.61	cps
Silver	107-1	4522625	4494877	4530537	4516013	0.41	cps
Sodium	23-2	75310793	74708302	74946193	74988429	0.40	cps
Strontium	86-1	1109621	1095359	1115307	1106763	0.93	cps
Strontium	88-1	9793320	9690224	9784561	9756035	0.59	cps
Sulfur	34-1	692140	690021	692953	691705	0.22	cps
Terbium	159-1	15583758	15398078	15077561	15353132	1.67	cps
Terbium	159-2	6061137	5798053	5985215	5948135	2.28	cps
Thallium	203-1	4612564	4586870	4603560	4600998	0.28	cps
Thallium	205-1	11350490	11261376	11398622	11336829	0.61	cps
Thorium	232-1	19225984	19100021	19057539	19127848	0.46	cps
Tin	118-1	3216633	3218275	3259204	3231371	0.75	cps
Titanium	47-1	2158808	2132884	2143459	2145050	0.61	cps
Uranium	238-1	20085420	19701307	20057503	19948076	1.07	cps
Vanadium	51-2	690003	690484	685962	688816	0.36	cps
Yttrium	89-1	9409688	9295204	9273353	9326082	0.79	cps
Yttrium	89-2	1067371	1038358	1060934	1055554	1.44	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCV16	Instrumnet Name :	P7
Client Sample ID :	CCV16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:29:51	DataFile Name :	027CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	362694	364684	364374	363917	0.29	cps
Zirconium	90-1	5827414	5763700	5791194	5794103	0.55	cps
Zirconium	91-1	1269334	1259987	1267258	1265526	0.39	cps

LB Number : LB105547 Operator : Jaswal
 Lab Sample ID : CCB16 Instrumnet Name : P7
 Client Sample ID : CCB16 Dilution Factor : 1
 Date & Time Acquired :: 2019-10-07 15:33:26 DataFile Name : 028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	350	325	258	311	15.23	cps
Antimony	121-1	3751	3926	3817	3831	2.31	cps
Arsenic	75-2	19	15	28	20	32.79	cps
Barium	135-1	417	350	492	419	16.90	cps
Barium	137-1	908	650	833	797	16.67	cps
Beryllium	9-1	233	256	228	239	6.15	cps
Bismuth	209-1	10940147	11171900	11173853	11095300	1.21	cps
Bismuth	209-2	4829360	4786686	4823290	4813112	0.48	cps
Boron	10-1	8711	8019	8052	8261	4.72	cps
Boron	11-1	41149	38659	37080	38962	5.27	cps
Cadmium	111-1	3700	3687	3368	3585	5.24	cps
Cadmium	106-1	5001	5059	4534	4865	5.92	cps
Cadmium	108-1	38	25	21	28	31.23	cps
Calcium	43-1	592	508	600	567	8.94	cps
Calcium	44-1	12297	11547	10638	11494	7.23	cps
Chromium	52-2	580	540	540	553	4.17	cps
Cobalt	59-2	173	137	127	146	16.88	cps
Copper	63-2	870	810	787	822	5.23	cps
Dysprosium	156-1	42	83	25	50	60.09	cps
Dysprosium	156-2	23	20	33	26	27.15	cps
Erbium	164-1	58	108	83	83	30.00	cps
Erbium	164-2	43	57	70	57	23.53	cps
Gadolinium	160-1	92	92	58	81	23.89	cps
Gadolinium	160-2	140	147	127	138	7.39	cps
Holmium	165-1	15146650	15501338	15486903	15378297	1.31	cps
Holmium	165-2	6100233	6055783	6027765	6061261	0.60	cps
Indium	115-1	10513251	10627139	10745822	10628737	1.09	cps
Indium	115-2	1567185	1550216	1557380	1558260	0.55	cps
Iron	56-2	18584	17539	17600	17908	3.28	cps
Iron	57-2	428	522	472	474	9.97	cps
Krypton	83-1	1643	1717	1577	1646	4.26	cps
Lead	206-1	1839	1822	1734	1798	3.16	cps
Lead	207-1	1611	1661	1522	1598	4.40	cps
Lead	208-1	6734	6551	6395	6560	2.59	cps
Lithium	6-1	2823810	2866903	2850274	2846996	0.76	cps
Magnesium	24-2	3576	3317	3042	3312	8.06	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:33:26	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	87	153	122	27.45	cps
Molybdenum	94-1	1750	1717	1717	1728	1.11	cps
Molybdenum	95-1	2109	1934	2067	2036	4.49	cps
Molybdenum	96-1	2500	2409	2167	2359	7.30	cps
Molybdenum	97-1	1225	1425	1108	1253	12.78	cps
Molybdenum	98-1	3617	3409	2859	3295	11.89	cps
Neodymium	150-1	27	13	7	16	65.47	cps
Neodymium	150-2	7	3	13	8	65.47	cps
Nickel	60-2	140	113	103	119	15.94	cps
Phosphorus	31-2	58	25	83	56	52.68	cps
Potassium	39-2	11889	11813	12230	11978	1.86	cps
Rhodium	103-1	8948841	9157829	9176506	9094392	1.39	cps
Rhodium	103-2	4008275	4001838	4014553	4008222	0.16	cps
Scandium	45-1	5551591	5674033	5665624	5630416	1.21	cps
Scandium	45-2	221817	218883	220872	220524	0.68	cps
Selenium	77-2	0	7	0	2	173.21	cps
Selenium	78-2	19	19	17	18	5.97	cps
Selenium	82-1	-85	25	104	15	654.10	cps
Silicon	28-1	85301	84036	81036	83458	2.63	cps
Silver	109-1	775	783	542	700	19.60	cps
Silver	107-1	825	608	667	700	16.02	cps
Sodium	23-2	36729	35226	34348	35434	3.40	cps
Strontium	86-1	2842	2692	2884	2806	3.59	cps
Strontium	88-1	1200	1050	1025	1092	8.67	cps
Sulfur	34-1	366545	361282	366963	364930	0.87	cps
Terbium	159-1	15647897	15986877	16001602	15878792	1.26	cps
Terbium	159-2	6181425	6083905	6142190	6135840	0.80	cps
Thallium	203-1	4393	3834	4143	4123	6.79	cps
Thallium	205-1	9887	9204	8712	9268	6.37	cps
Thorium	232-1	7564	7041	7569	7391	4.10	cps
Tin	118-1	2559	2750	2684	2664	3.65	cps
Titanium	47-1	375	283	250	303	21.38	cps
Uranium	238-1	5476	5101	4818	5132	6.44	cps
Vanadium	51-2	70	87	43	67	32.79	cps
Yttrium	89-1	9879880	10016308	10031598	9975929	0.84	cps
Yttrium	89-2	1117567	1107815	1121634	1115672	0.64	cps

LB Number :	LB105547	Operator :	Jaswal
Lab Sample ID :	CCB16	Instrumnet Name :	P7
Client Sample ID :	CCB16	Dilution Factor :	1
Date & Time Acquired ::	2019-10-07 15:33:26	DataFile Name :	028CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	280	310	273	288	6.79	cps
Zirconium	90-1	1558	1558	1567	1561	0.31	cps
Zirconium	91-1	367	467	367	400	14.43	cps