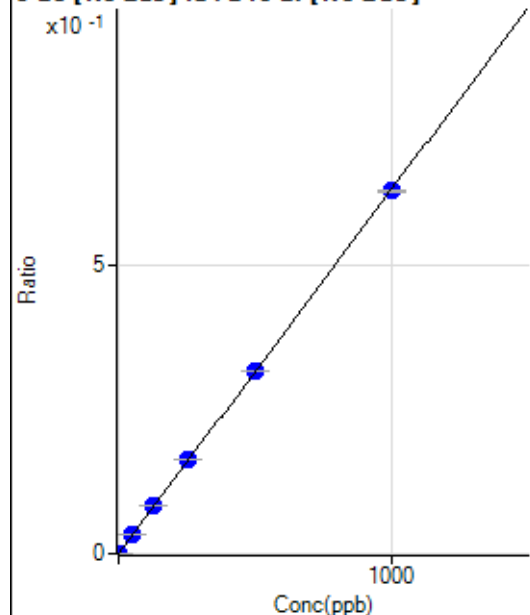


Batch Folder: D:\ICP-MS Data\P7062619MS.b\
Analysis File: P7062619MS.batch.bin
DA Date-Time: 2019-06-26 11:58:41
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2019-06-26 10:32:57
2			
3	005CALS.d	S02	2019-06-26 10:40:33
4	006CALS.d	S03	2019-06-26 10:44:29
5	007CALS.d	S04	2019-06-26 10:48:25
6	008CALS.d	S05	2019-06-26 10:52:21
7	009CALS.d	S06	2019-06-26 10:56:14
8	010CALS.d	S07	2019-06-26 11:00:05
9	011CALS.d	S08	2019-06-26 11:03:55

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	26.67	0.0000	P	45.1
2	☐	0.100					
3	☐	1.000	1.003	833.37	0.0007	P	9.8
4	☐	50.000	53.802	42591.92	0.0340	P	0.8
5	☐	125.000	133.141	102239.85	0.0841	P	0.7
6	☐	250.000	259.943	191526.60	0.1642	P	0.5
7	☐	500.000	500.444	367270.45	0.3161	P	0.6
8	☐	1000.000	996.084	708192.39	0.6292	P	0.6
9	☐			208.90	0.0002	P	2.7

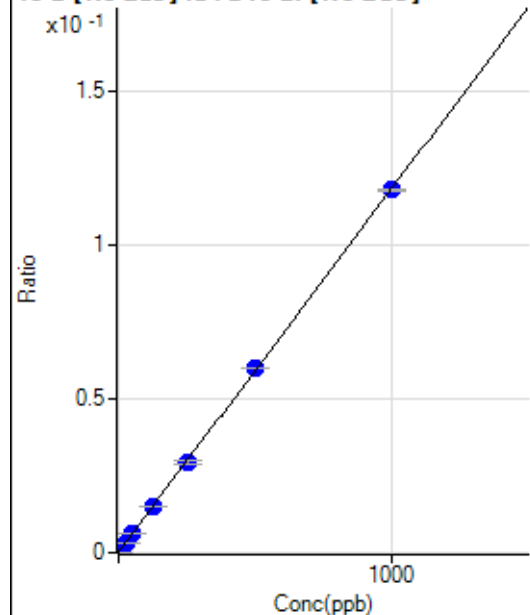
$$y = 6.3163\text{E-}004 * x + 2.1059\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.04512$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	250.01	0.0002	P	9.9
2	☐	2.500					
3	☐	25.000	23.943	3850.64	0.0030	P	4.2
4	☐	50.000	50.351	7696.70	0.0061	P	4.9
5	☐	125.000	124.998	18186.49	0.0150	P	0.8
6	☐	250.000	248.505	34467.88	0.0296	P	3.2
7	☐	500.000	506.200	69699.86	0.0600	P	0.7
8	☐	1000.000	997.283	132820.06	0.1180	P	0.3
9	☐			6832.33	0.0063	P	8.8

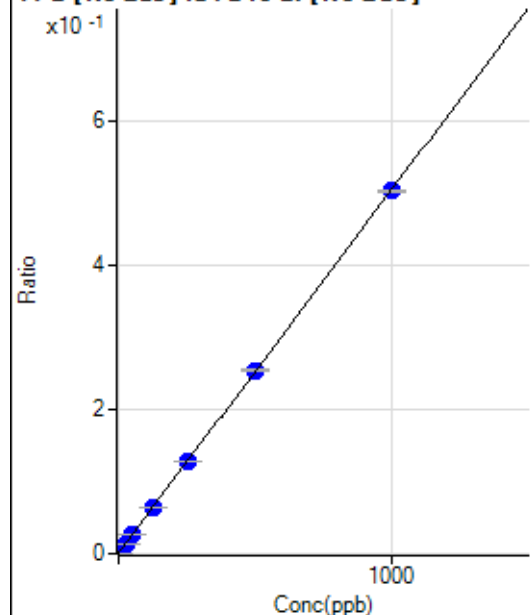
$$y = 1.1812\text{E-}004 * x + 1.9741\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.4969$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1166.76	0.0009	P	4.3
2	☐	2.500					
3	☐	25.000	22.671	15725.40	0.0124	P	2.2
4	☐	50.000	51.366	33596.60	0.0268	P	1.3
5	☐	125.000	126.147	78434.50	0.0645	P	1.6
6	☐	250.000	252.832	149771.77	0.1284	P	1.5
7	☐	500.000	503.807	296241.20	0.2550	P	1.1
8	☐	1000.000	997.235	567055.90	0.5038	P	0.8
9	☐			29179.02	0.0271	P	8.4

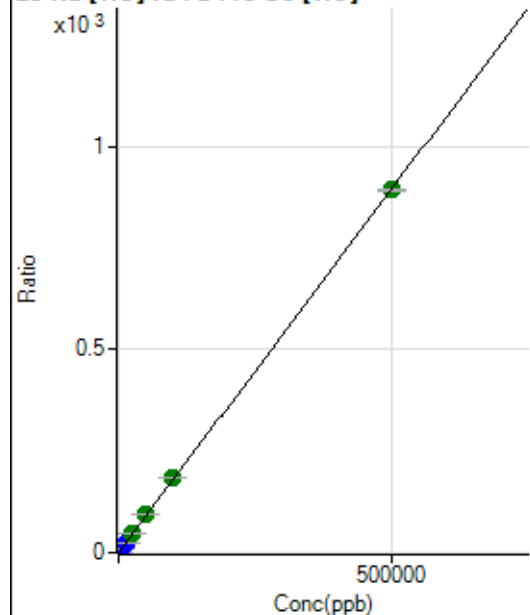
$$y = 5.0425\text{E-}004 * x + 9.2134\text{E-}004$$

$$R = 1.0000$$

$$DL = 0.2375$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1761.29	0.0211	P	6.0
2	☐	50.000					
3	☐	500.000	485.683	73683.93	0.8906	P	0.6
4	☐	5000.000	5279.836	772036.12	9.4732	P	1.8
5	☐	12500.000	13048.652	1840626.50	23.3811	P	0.3
6	☐	25000.000	26095.037	3481461.62	46.7370	A	0.2
7	☐	50000.000	52078.128	6985657.36	93.2526	A	1.2
8	☐	100000.00	102944.57	13495996.83	184.3149	A	0.6
9	☐	500000.00	499132.02	66236000.79	893.5791	A	0.7

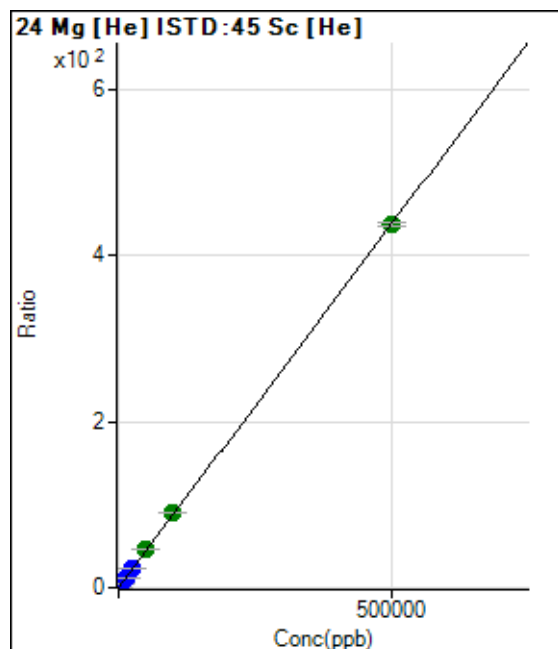
$$y = 0.0018 * x + 0.0211$$

$$R = 1.0000$$

$$DL = 2.136$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	119.45	0.0014	P	27.0
2	☐	50.000					
3	☐	500.000	529.532	38519.91	0.4655	P	1.4
4	☐	5000.000	5495.183	392650.04	4.8178	P	1.5
5	☐	12500.000	13665.421	943000.43	11.9787	P	0.2
6	☐	25000.000	26605.802	1737156.00	23.3204	P	0.2
7	☐	50000.000	52742.324	3462996.74	46.2281	A	1.2
8	☐	100000.00	103978.07	6673217.03	91.1342	A	0.3
9	☐	500000.00	498815.74	32406405.24	437.1944	A	0.9

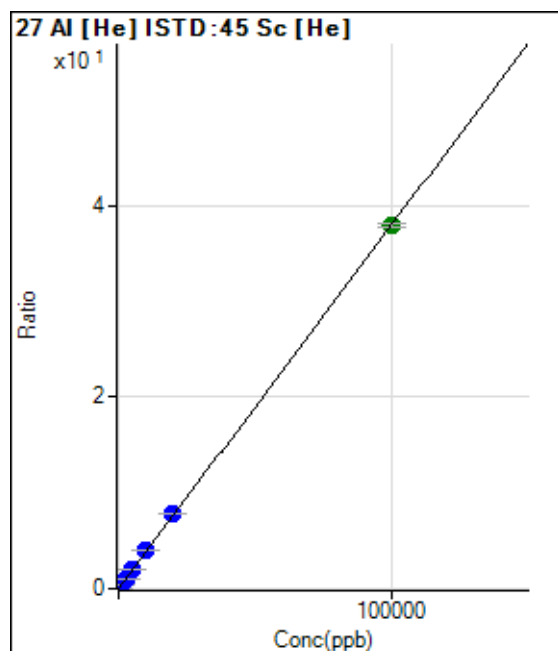
$$y = 8.7646\text{E-}004 * x + 0.0014$$

$$R = 1.0000$$

$$DL = 1.321$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0003	P	0.7
2	☐	2.000					
3	☐	20.000	18.754	613.92	0.0074	P	7.4
4	☐	1000.000	1105.750	34242.75	0.4203	P	3.9
5	☐	2500.000	2716.697	81250.76	1.0321	P	0.6
6	☐	5000.000	5373.835	152056.78	2.0413	P	0.6
7	☐	10000.000	10522.967	299421.03	3.9970	P	0.9
8	☐	20000.000	20804.823	578609.37	7.9021	P	0.6
9	☐	100000.00	99761.572	2808534.42	37.8903	A	1.2

$$y = 3.7981\text{E-}004 * x + 2.9936\text{E-}004$$

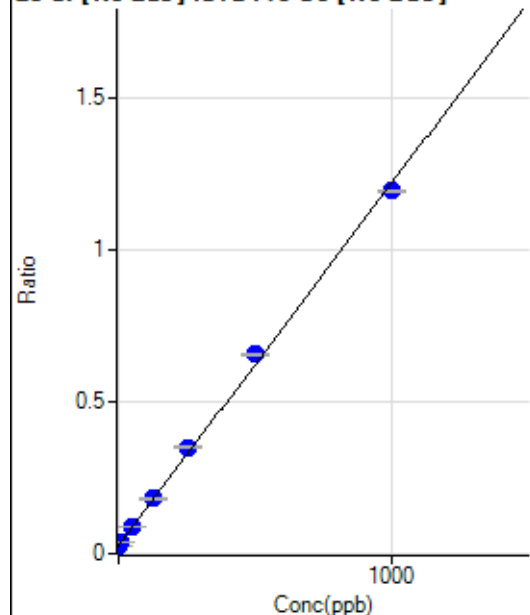
$$R = 1.0000$$

$$DL = 0.01636$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	46871.62	0.0266	P	1.8
2	☐	1.000					
3	☐	10.000	8.975	65365.79	0.0373	P	1.5
4	☐	50.000	54.257	159196.58	0.0913	P	0.4
5	☐	125.000	129.290	305615.36	0.1806	P	0.8
6	☐	250.000	272.083	549610.43	0.3507	P	0.1
7	☐	500.000	529.124	1021548.82	0.6569	P	0.9
8	☐	1000.000	979.178	1838066.04	1.1931	P	0.2
9	☐			133917.00	0.0907	P	0.7

$$y = 0.0012 * x + 0.0266$$

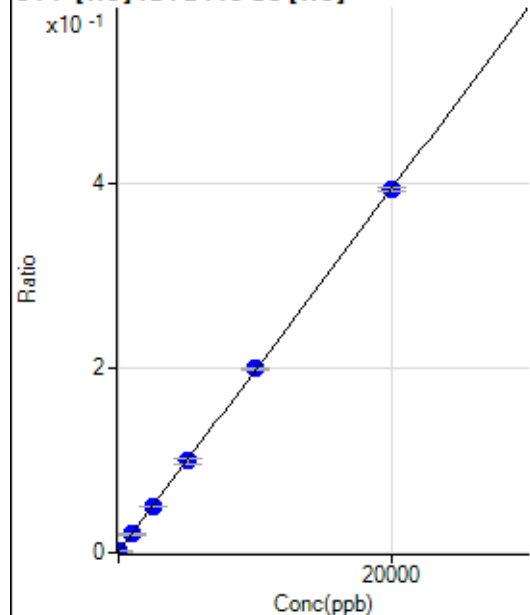
$$R = 0.9991$$

$$DL = 1.232$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-18.909	41.67	0.0005	P	20.2
2	☐	0.000					
3	☐	0.000	18.909	102.78	0.0012	P	13.2
4	☐	1000.000	975.127	1636.26	0.0201	P	8.2
5	☐	2500.000	2527.509	3984.01	0.0506	P	1.0
6	☐	5000.000	5021.960	7427.11	0.0997	P	6.0
7	☐	10000.000	10087.563	14935.74	0.1994	P	1.6
8	☐	20000.000	19948.534	28806.27	0.3934	P	1.1
9	☐			58.33	0.0008	P	61.3

$$y = 1.9678E-005 * x + 8.7106E-004$$

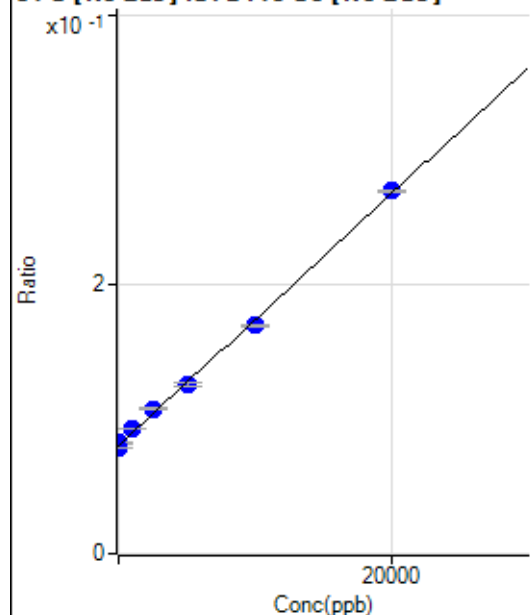
$$R = 1.0000$$

$$DL = 20.2$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	220.814	145417.72	0.0826	P	2.0
2	☐	0.000					
3	☐	0.000	-220.814	137403.66	0.0784	P	0.5
4	☐	1000.000	1300.104	161718.04	0.0927	P	0.5
5	☐	2500.000	2877.507	181857.66	0.1075	P	1.2
6	☐	5000.000	4873.021	197755.58	0.1262	P	1.7
7	☐	10000.000	9537.260	264233.36	0.1699	P	0.6
8	☐	20000.000	20200.921	415836.47	0.2699	P	0.5
9	☐			119422.63	0.0809	P	1.2

$$y = 9.3761\text{E-}006 * x + 0.0805$$

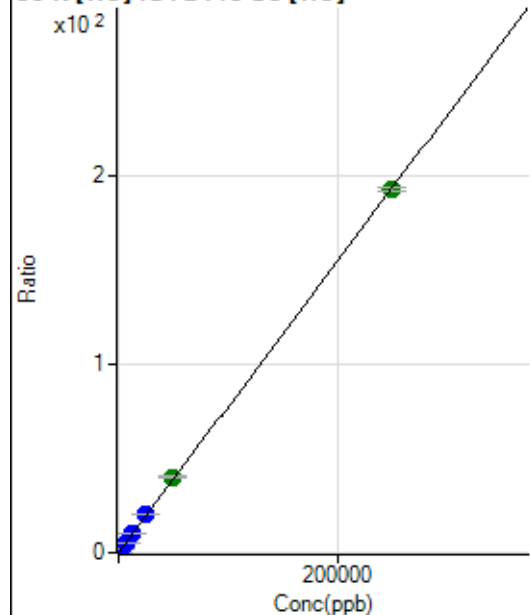
$$R = 0.9991$$

$$DL = 323.9$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4353.60	0.0521	P	6.8
2	☐	50.000					
3	☐	500.000	509.237	36782.58	0.4446	P	1.7
4	☐	2500.000	2774.129	178510.71	2.1903	P	1.6
5	☐	6250.000	6871.619	421045.43	5.3484	P	0.4
6	☐	12500.000	13507.036	779356.26	10.4626	P	0.4
7	☐	25000.000	26703.179	1545668.67	20.6335	P	1.4
8	☐	50000.000	52061.513	2942025.46	40.1783	A	0.4
9	☐	250000.00	249348.72	14249245.98	192.2368	A	0.9

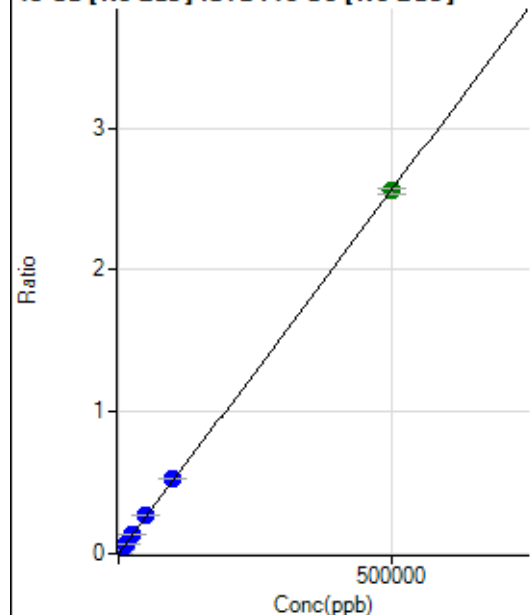
$$y = 7.7075\text{E-}004 * x + 0.0521$$

$$R = 1.0000$$

$$DL = 13.75$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	58.34	0.0000	P	24.9
2	☐	50.000					
3	☐	500.000	478.893	4356.37	0.0025	P	3.8
4	☐	5000.000	5289.247	47320.87	0.0271	P	0.5
5	☐	12500.000	12983.478	112570.09	0.0665	P	0.8
6	☐	25000.000	26170.925	210110.52	0.1341	P	0.2
7	☐	50000.000	52368.447	417160.77	0.2683	P	0.5
8	☐	100000.00	103026.10	813058.16	0.5277	P	0.1
9	☐	500000.00	499084.42	3773500.78	2.5564	A	1.4

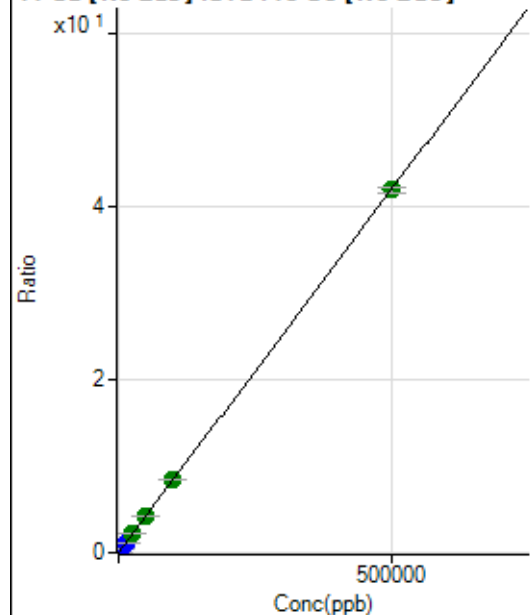
$$y = 5.1221\text{E-}006 * x + 3.3138\text{E-}005$$

$$R = 1.0000$$

$$DL = 4.824$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1641.84	0.0009	P	4.8
2	☐	50.000					
3	☐	500.000	479.039	72182.04	0.0412	P	1.4
4	☐	5000.000	5093.926	748771.26	0.4292	P	1.0
5	☐	12500.000	12571.198	1789770.42	1.0579	P	0.5
6	☐	25000.000	25694.240	3386556.98	2.1612	A	0.3
7	☐	50000.000	51167.727	6690848.67	4.3028	A	0.3
8	☐	100000.00	101647.86	13167661.23	8.5469	A	0.4
9	☐	500000.00	499516.24	61992584.02	41.9976	A	1.3

$$y = 8.4075\text{E-}005 * x + 9.3255\text{E-}004$$

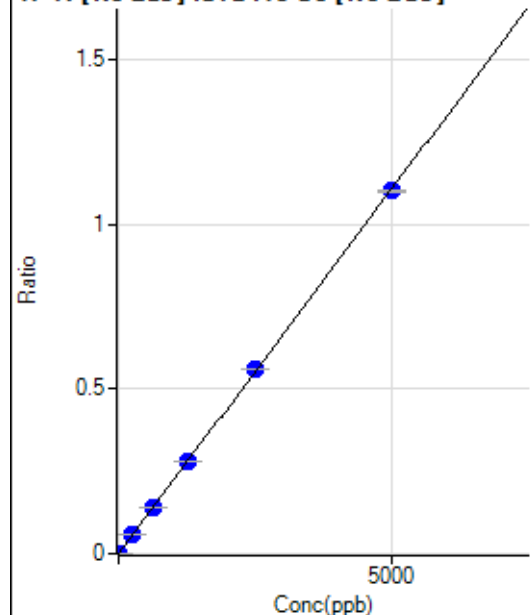
$$R = 1.0000$$

$$DL = 1.581$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	13.89	0.0000	P	34.8
2	☐	0.500					
3	☐	5.000	4.778	1866.86	0.0011	P	3.5
4	☐	250.000	259.382	100208.40	0.0574	P	0.8
5	☐	625.000	639.951	239749.74	0.1417	P	0.4
6	☐	1250.000	1274.862	442349.23	0.2823	P	0.1
7	☐	2500.000	2528.065	870426.13	0.5598	P	0.5
8	☐	5000.000	4977.414	1697936.10	1.1021	P	0.6
9	☐			650.04	0.0004	P	2.4

$$y = 2.2142\text{E-}004 * x + 7.8908\text{E-}006$$

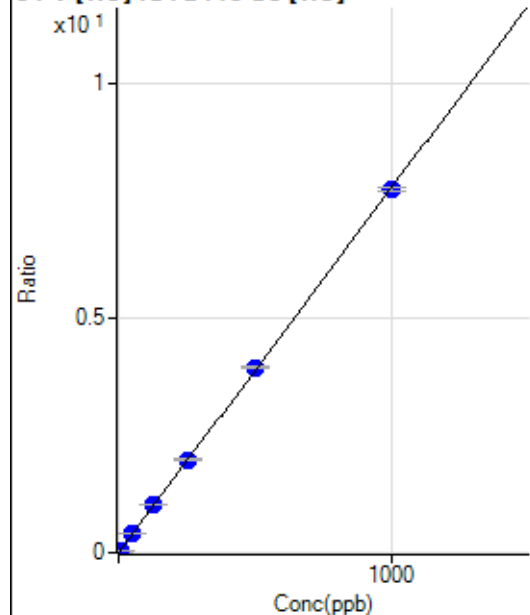
$$R = 1.0000$$

$$DL = 0.03717$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	5.054	3253.74	0.0393	P	2.9
4	☐	50.000	52.344	33175.16	0.4071	P	1.9
5	☐	125.000	130.089	79640.26	1.0117	P	1.3
6	☐	250.000	254.893	147651.81	1.9822	P	0.7
7	☐	500.000	507.458	295616.13	3.9462	P	1.3
8	☐	1000.000	994.294	566154.68	7.7321	P	1.1
9	☐			102.23	0.0014	P	3.8

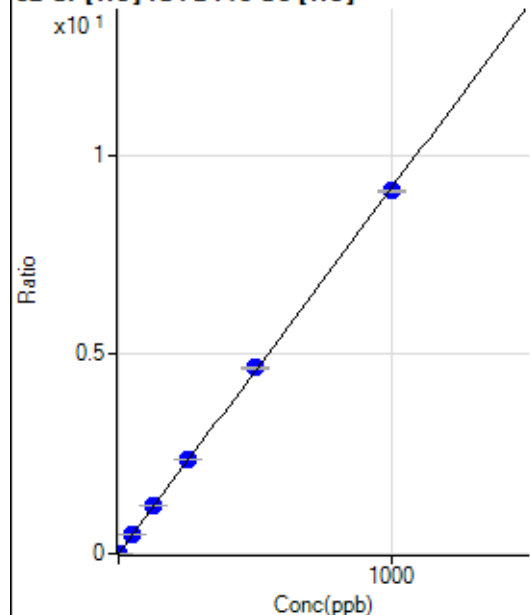
$$y = 0.0078 * x + 2.6689\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.008917$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	221.12	0.0026	P	15.0
2	☐	0.200					
3	☐	2.000	1.949	1697.91	0.0205	P	5.7
4	☐	50.000	52.956	39786.95	0.4882	P	1.7
5	☐	125.000	130.862	94664.57	1.2025	P	0.5
6	☐	250.000	256.671	175505.44	2.3561	P	0.2
7	☐	500.000	509.258	349986.94	4.6720	P	1.1
8	☐	1000.000	992.823	666749.69	9.1058	P	0.7
9	☐			2981.46	0.0402	P	3.1

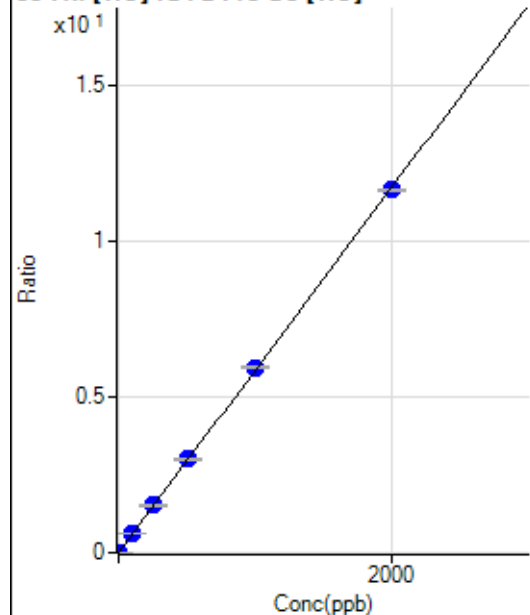
$$y = 0.0092 * x + 0.0026$$

$$R = 0.9999$$

$$DL = 0.1298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0002	P	78.3
2	☐	0.100					
3	☐	1.000	1.083	542.24	0.0065	P	15.9
4	☐	100.000	104.696	49894.34	0.6123	P	2.5
5	☐	250.000	258.530	118995.93	1.5116	P	0.5
6	☐	500.000	511.431	222723.06	2.9900	P	0.5
7	☐	1000.000	1015.387	444680.26	5.9361	P	1.2
8	☐	2000.000	1988.148	851049.34	11.6228	P	0.6
9	☐			2968.12	0.0400	P	3.0

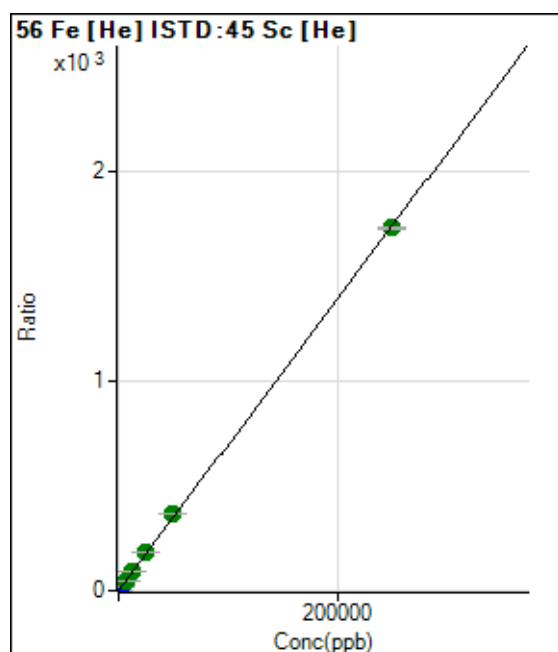
$$y = 0.0058 * x + 2.1335E-004$$

$$R = 0.9999$$

$$DL = 0.08572$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	837.08	0.0100	P	12.2
2	☐	5.000					
3	☐	50.000	56.999	33574.06	0.4058	P	2.4
4	☐	2500.000	2857.017	1617365.59	19.8453	P	1.7
5	☐	6250.000	6837.771	3737935.82	47.4823	A	0.3
6	☐	12500.000	13611.793	7040121.51	94.5119	A	0.5
7	☐	25000.000	26807.145	13942782.49	186.1226	A	0.9
8	☐	50000.000	52723.838	26803930.00	366.0531	A	0.2
9	☐	250000.00	249200.66	128244990.8	1,730.122	A	0.7

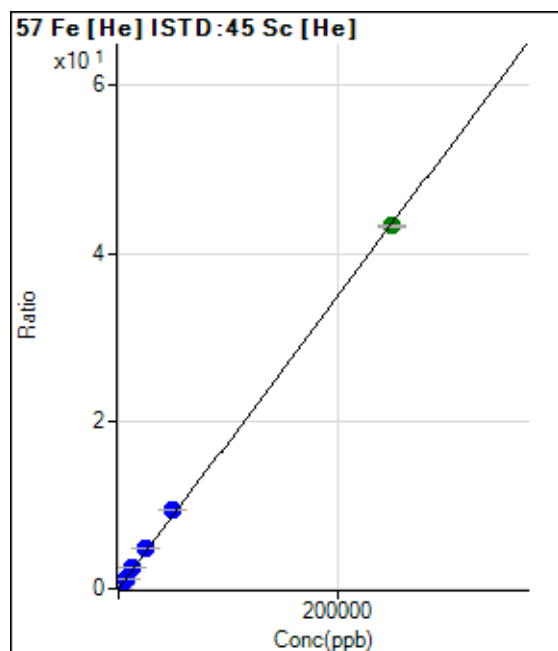
$$y = 0.0069 * x + 0.0100$$

$$R = 0.9999$$

$$DL = 0.5272$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	31.48	0.0004	P	62.3
2	☐	5.000					
3	☐	50.000	58.979	879.68	0.0106	P	4.0
4	☐	2500.000	2901.260	41143.18	0.5048	P	1.8
5	☐	6250.000	7060.080	96668.33	1.2280	P	0.6
6	☐	12500.000	13995.877	181307.99	2.4339	P	0.4
7	☐	25000.000	27518.363	358463.48	4.7852	P	1.4
8	☐	50000.000	53747.471	684310.36	9.3459	P	1.0
9	☐	250000.00	248899.60	3207997.44	43.2784	A	0.8

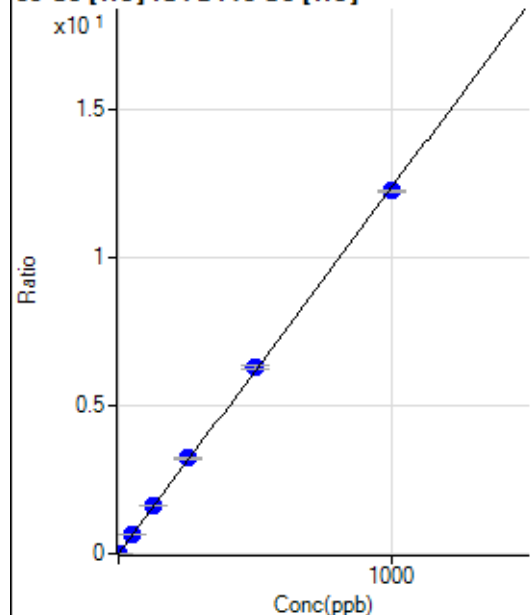
$$y = 1.7388E-004 * x + 3.7797E-004$$

$$R = 0.9999$$

$$DL = 4.064$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	17.78	0.0002	P	59.5
2	☐	0.100					
3	☐	1.000	0.981	1020.05	0.0123	P	2.0
4	☐	50.000	54.495	54878.85	0.6734	P	2.3
5	☐	125.000	133.231	129580.94	1.6461	P	0.9
6	☐	250.000	260.438	239670.16	3.2175	P	0.4
7	☐	500.000	509.468	471471.75	6.2939	P	1.8
8	☐	1000.000	991.403	896777.48	12.2474	P	0.6
9	☐			10210.38	0.1378	P	2.4

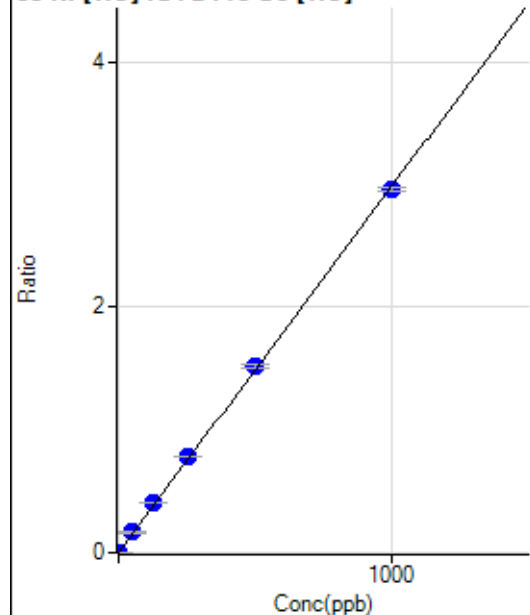
$$y = 0.0124 * x + 2.1229E-004$$

$$R = 0.9999$$

$$DL = 0.03069$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	23.33	0.0003	P	37.4
2	☐	0.100					
3	☐	1.000	1.195	317.78	0.0038	P	19.1
4	☐	50.000	55.349	13466.33	0.1652	P	1.5
5	☐	125.000	135.841	31887.05	0.4051	P	1.4
6	☐	250.000	261.467	58057.77	0.7794	P	0.6
7	☐	500.000	508.426	113512.46	1.5153	P	1.7
8	☐	1000.000	991.297	216305.79	2.9542	P	1.2
9	☐			2553.60	0.0344	P	2.7

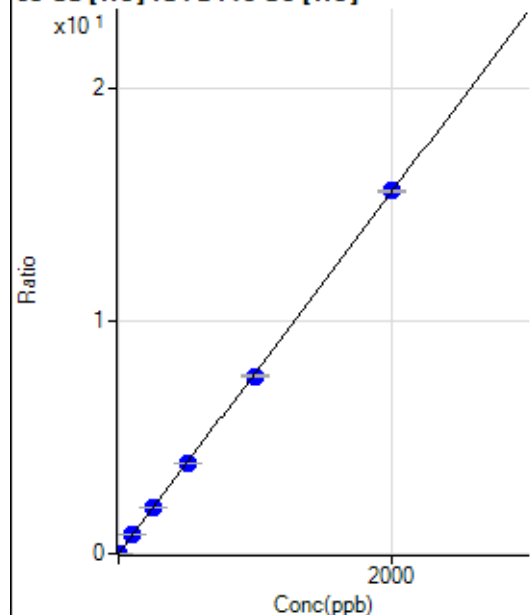
$$y = 0.0030 * x + 2.7905E-004$$

$$R = 0.9998$$

$$DL = 0.1051$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	101.12	0.0012	P	13.6
2	☐	0.200					
3	☐	2.000	2.035	1408.98	0.0170	P	4.1
4	☐	100.000	105.961	67208.94	0.8247	P	1.5
5	☐	250.000	257.391	157559.18	2.0014	P	0.3
6	☐	500.000	503.265	291410.20	3.9122	P	0.7
7	☐	1000.000	982.343	571954.51	7.6352	P	1.4
8	☐	2000.000	2006.790	1141984.94	15.5963	P	0.8
9	☐			3384.89	0.0457	P	5.1

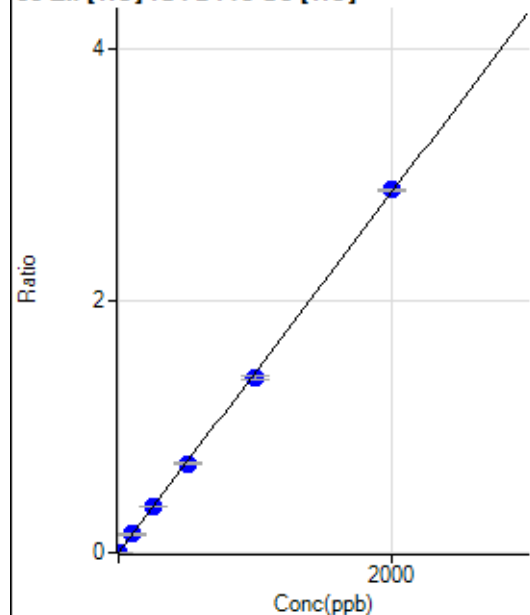
$$y = 0.0078 * x + 0.0012$$

$$R = 0.9999$$

$$DL = 0.06378$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	54.44	0.0007	P	30.7
2	☐	0.200					
3	☐	2.000	1.697	254.45	0.0031	P	12.8
4	☐	100.000	101.698	11883.88	0.1458	P	3.2
5	☐	250.000	255.479	28762.96	0.3654	P	0.2
6	☐	500.000	495.922	52785.17	0.7086	P	0.4
7	☐	1000.000	971.751	103967.78	1.3879	P	1.6
8	☐	2000.000	2014.374	210609.50	2.8763	P	0.8
9	☐			1730.14	0.0233	P	5.8

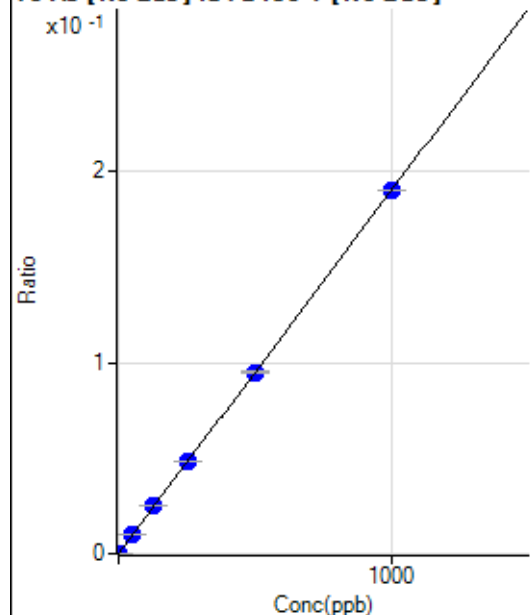
$$y = 0.0014 * x + 6.5253E-004$$

$$R = 0.9998$$

$$DL = 0.4207$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-94.50	0.0000	P	-18.1
2	☐	0.100					
3	☐	1.000	0.816	277.03	0.0001	P	25.3
4	☐	50.000	52.230	23560.25	0.0099	P	1.6
5	☐	125.000	131.792	58115.60	0.0250	P	1.4
6	☐	250.000	253.292	106387.28	0.0482	P	1.3
7	☐	500.000	498.926	208621.92	0.0949	P	1.5
8	☐	1000.000	998.754	412828.14	0.1901	P	0.1
9	☐			490.28	0.0002	P	34.4

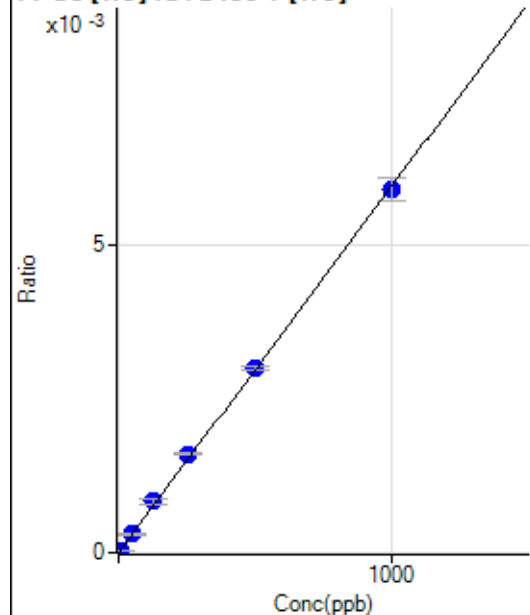
$$y = 1.9036\text{E-}004 * x - 3.9191\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.1116$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	0.00	0.0000	P	
2	☐	0.500					
3	☐	5.000	4.381	10.00	0.0000	P	58.1
4	☐	50.000	51.266	115.56	0.0003	P	11.8
5	☐	125.000	139.687	303.34	0.0008	P	13.8
6	☐	250.000	269.770	555.58	0.0016	P	1.5
7	☐	500.000	504.932	1050.05	0.0030	P	1.5
8	☐	1000.000	990.695	2023.51	0.0059	P	6.2
9	☐			0.00	0.0000	P	

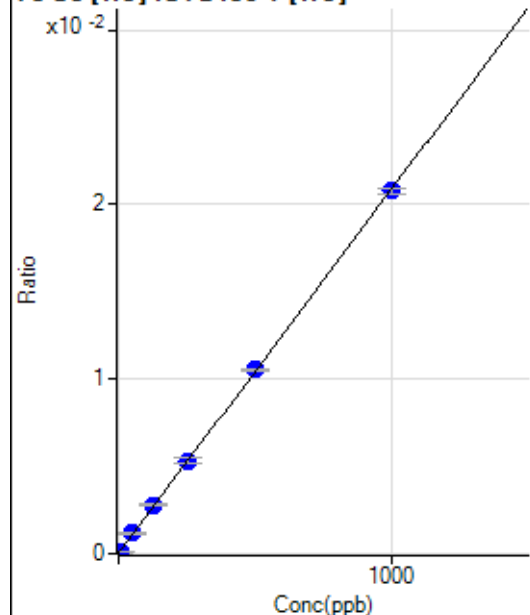
$$y = 5.9673\text{E-}006 * x + 0.0000\text{E+}000$$

$$R = 0.9997$$

$$DL = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.64	0.0000	P	53.4
2	☐	0.500					
3	☐	5.000	4.807	46.91	0.0001	P	19.9
4	☐	50.000	56.081	450.63	0.0012	P	6.9
5	☐	125.000	133.117	1018.56	0.0028	P	6.4
6	☐	250.000	254.425	1838.40	0.0053	P	5.2
7	☐	500.000	503.945	3669.63	0.0105	P	1.4
8	☐	1000.000	995.604	7112.29	0.0208	P	1.2
9	☐			16.67	0.0000	P	11.9

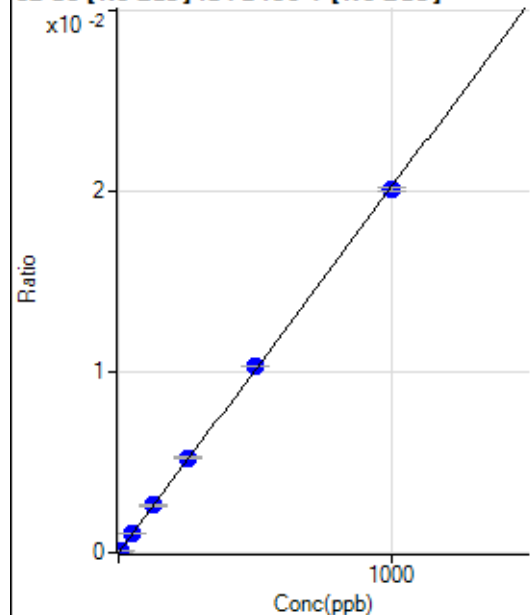
$$y = 2.0852\text{E-}005 * x + 2.2268\text{E-}005$$

$$R = 0.9999$$

$$DL = 1.712$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	-0.78	0.0000	P	-1442.
2	☐	0.500					
3	☐	5.000	5.155	248.40	0.0001	P	9.1
4	☐	50.000	53.063	2554.08	0.0011	P	2.6
5	☐	125.000	129.480	6078.59	0.0026	P	2.9
6	☐	250.000	260.205	11627.26	0.0053	P	0.8
7	☐	500.000	509.489	22654.96	0.0103	P	0.8
8	☐	1000.000	991.990	43598.63	0.0201	P	1.1
9	☐			33.83	0.0000	P	49.3

$$y = 2.0237\text{E-}005 * x - 3.2952\text{E-}007$$

$$R = 0.9999$$

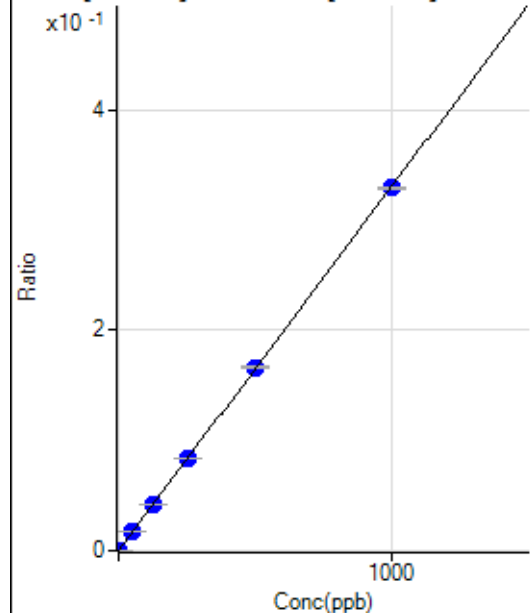
$$DL = 0.7047$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			74.45		P	22.5
2	☐						
3	☐			68.89		P	32.2
4	☐			62.22		P	31.4
5	☐			76.67		P	35.6
6	☐			54.45		P	30.8
7	☐			56.67		P	35.8
8	☐			57.78		P	18.5
9	☐			60.00		P	16.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	130.56	0.0001	P	36.0
2	☐	0.100					
3	☐	1.000	0.891	833.39	0.0003	P	10.4
4	☐	50.000	51.915	40942.63	0.0172	P	1.6
5	☐	125.000	126.625	97205.25	0.0419	P	0.4
6	☐	250.000	254.177	185585.81	0.0840	P	1.0
7	☐	500.000	503.427	365648.38	0.1664	P	0.7
8	☐	1000.000	996.944	715592.08	0.3295	P	0.3
9	☐			2736.49	0.0013	P	2.8

$$y = 3.3044\text{E-}004 * x + 5.4242\text{E-}005$$

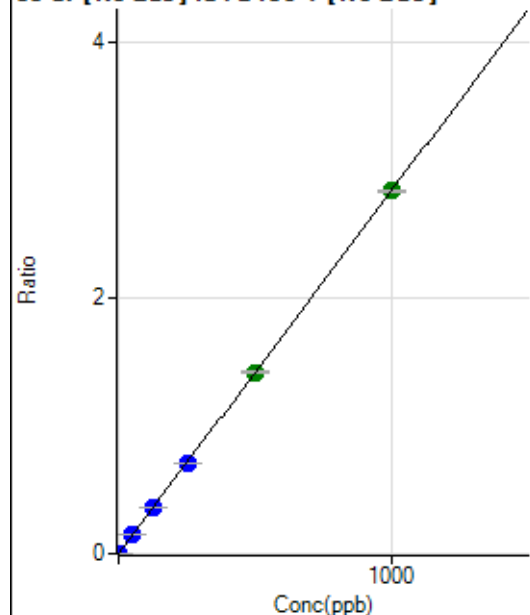
$$R = 1.0000$$

$$DL = 0.1774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	69.45	0.0000	P	65.6
2	☐	0.100					
3	☐	1.000	0.946	6482.31	0.0027	P	3.8
4	☐	50.000	51.304	346499.47	0.1456	P	0.6
5	☐	125.000	127.028	836543.20	0.3606	P	0.2
6	☐	250.000	250.109	1567577.54	0.7099	P	0.2
7	☐	500.000	499.854	3117337.87	1.4187	A	0.9
8	☐	1000.000	999.727	6162432.30	2.8374	A	0.2
9	☐			23425.48	0.0113	P	5.4

$$y = 0.0028 * x + 2.8701E-005$$

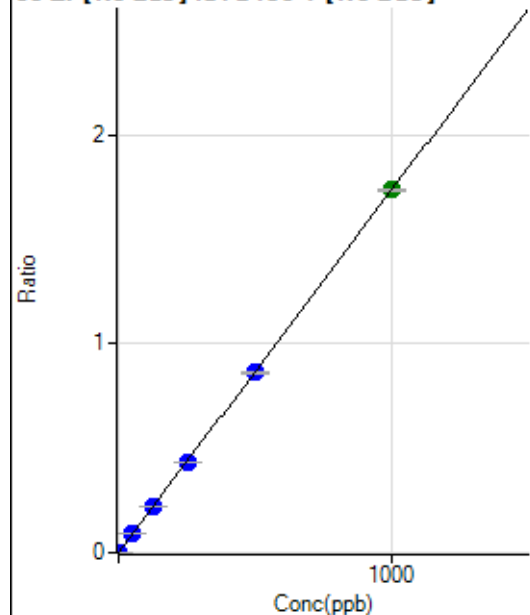
$$R = 1.0000$$

$$DL = 0.0199$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	213.90	0.0001	P	1.5
2	☐	0.100					
3	☐	1.000	0.916	4014.65	0.0017	P	7.1
4	☐	50.000	51.116	211479.30	0.0889	P	0.2
5	☐	125.000	126.768	511134.81	0.2203	P	0.5
6	☐	250.000	251.539	965097.74	0.4370	P	0.2
7	☐	500.000	496.870	1896792.75	0.8632	P	0.5
8	☐	1000.000	1000.903	3776388.63	1.7388	A	0.3
9	☐			1458.46	0.0007	P	2.9

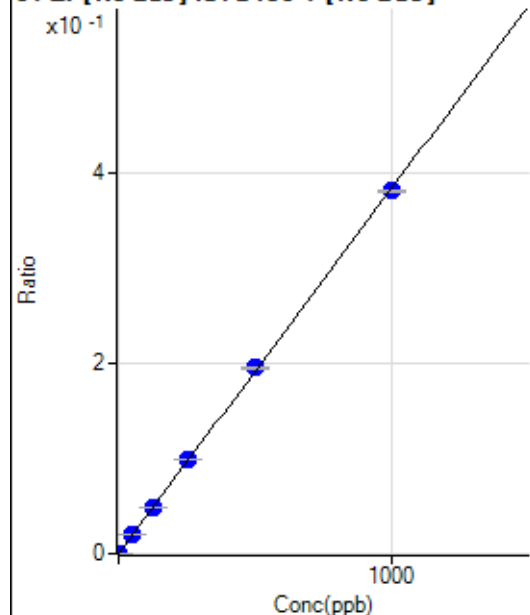
$$y = 0.0017 * x + 8.8689E-005$$

$$R = 1.0000$$

$$DL = 0.002303$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	38.89	0.0000	P	64.9
2	☐	0.100					
3	☐	1.000	0.889	850.06	0.0004	P	24.2
4	☐	50.000	50.404	45960.56	0.0193	P	1.3
5	☐	125.000	126.105	112069.54	0.0483	P	0.6
6	☐	250.000	256.817	217188.87	0.0984	P	0.5
7	☐	500.000	509.148	428428.62	0.1950	P	0.5
8	☐	1000.000	993.563	826300.44	0.3805	P	0.3
9	☐			333.35	0.0002	P	3.7

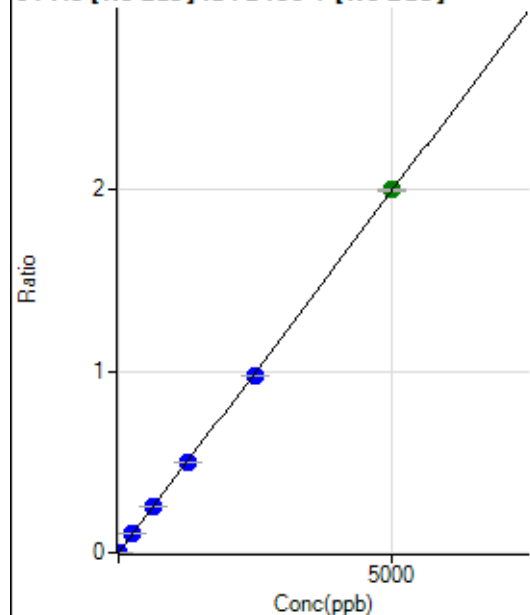
$$y = 3.8291\text{E-}004 * x + 1.6076\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.08175$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	91.67	0.0000	P	28.0
2	☐	0.500					
3	☐	5.000	4.656	4514.77	0.0019	P	6.9
4	☐	250.000	254.020	240657.41	0.1011	P	0.0
5	☐	625.000	630.210	582101.93	0.2509	P	0.6
6	☐	1250.000	1245.243	1094615.00	0.4957	P	0.3
7	☐	2500.000	2452.693	2145325.38	0.9763	P	0.0
8	☐	5000.000	5023.991	4343237.03	1.9998	A	0.4
9	☐			1836.32	0.0009	P	10.9

$$y = 3.9804\text{E-}004 * x + 3.8067\text{E-}005$$

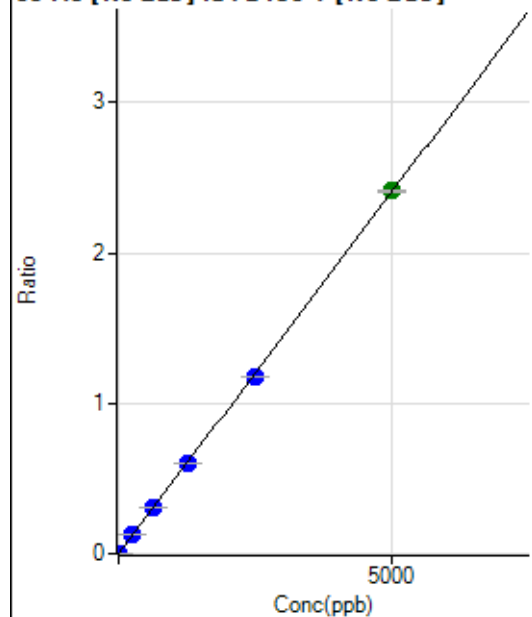
$$R = 0.9999$$

$$DL = 0.08046$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	88.0
2	☐	0.500					
3	☐	5.000	4.643	5354.00	0.0022	P	5.2
4	☐	250.000	254.980	291699.69	0.1226	P	0.7
5	☐	625.000	632.395	705485.55	0.3041	P	0.3
6	☐	1250.000	1257.415	1335056.20	0.6046	P	0.4
7	☐	2500.000	2454.339	2593009.93	1.1801	P	0.3
8	☐	5000.000	5019.804	5241864.40	2.4136	A	0.4
9	☐			2133.58	0.0010	P	10.9

$$y = 4.8081\text{E-}004 * x + 1.0370\text{E-}005$$

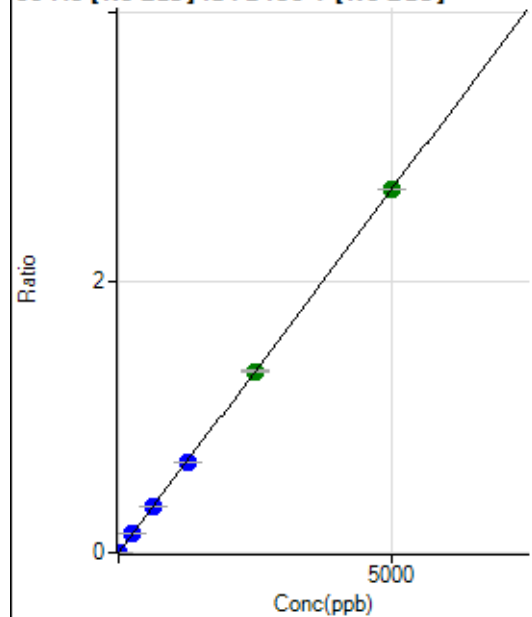
$$R = 0.9999$$

$$DL = 0.05693$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	4.972	6385.04	0.0027	P	1.1
4	☐	250.000	255.132	325595.90	0.1368	P	0.4
5	☐	625.000	632.110	786627.02	0.3390	P	0.6
6	☐	1250.000	1253.147	1484236.35	0.6721	P	0.2
7	☐	2500.000	2498.707	2944861.28	1.3402	A	0.4
8	☐	5000.000	4998.714	5822899.13	2.6811	A	0.1
9	☐			2905.99	0.0014	P	15.5

$$y = 5.3636\text{E-}004 * x + 6.9342\text{E-}006$$

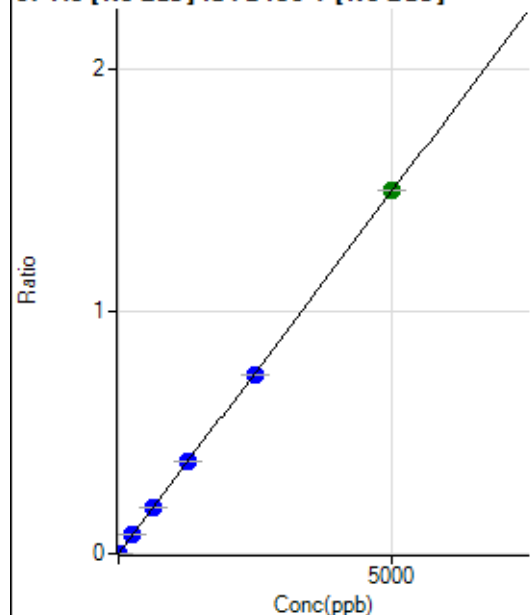
$$R = 1.0000$$

$$DL = 0.03359$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.7
2	☐	0.500					
3	☐	5.000	4.890	3511.68	0.0015	P	3.2
4	☐	250.000	257.658	183520.52	0.0771	P	0.5
5	☐	625.000	637.117	442507.25	0.1907	P	0.7
6	☐	1250.000	1268.436	838471.99	0.3797	P	0.1
7	☐	2500.000	2464.603	1621132.59	0.7378	P	0.4
8	☐	5000.000	5011.192	3257928.20	1.5001	A	0.1
9	☐			1294.56	0.0006	P	5.4

$$y = 2.9934\text{E-}004 * x + 6.8984\text{E-}006$$

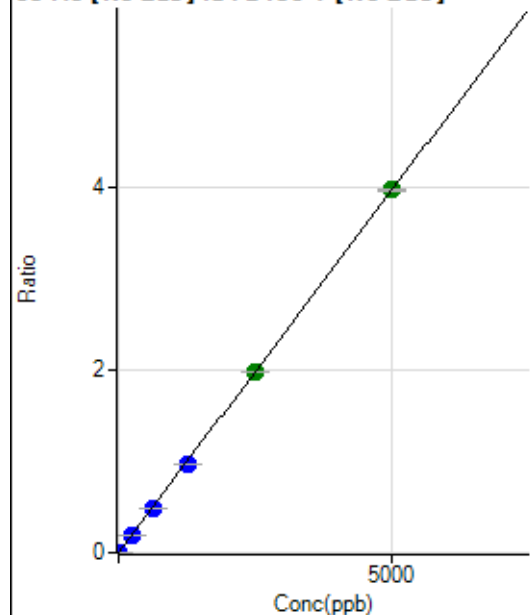
$$R = 1.0000$$

$$DL = 0.03437$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	75.6
2	☐	0.500					
3	☐	5.000	4.808	9125.54	0.0038	P	2.0
4	☐	250.000	250.241	471540.02	0.1982	P	0.1
5	☐	625.000	618.390	1136270.21	0.4897	P	0.3
6	☐	1250.000	1216.455	2127327.37	0.9634	P	0.6
7	☐	2500.000	2499.655	4349833.13	1.9796	A	0.4
8	☐	5000.000	5009.373	8616022.24	3.9672	A	0.3
9	☐			3158.82	0.0015	P	9.3

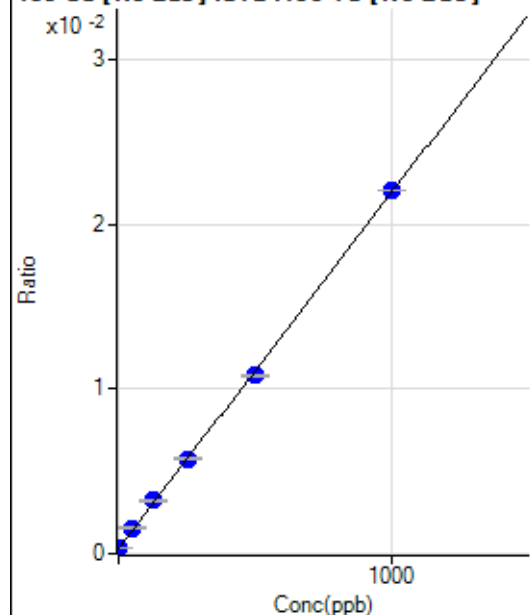
$$y = 7.9194\text{E-}004 * x + 1.3876\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.03973$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	975.08	0.0003	P	2.1
2	☐	0.100					
3	☐	1.000	2.054	1083.42	0.0004	P	5.1
4	☐	50.000	57.958	4812.14	0.0016	P	4.1
5	☐	125.000	134.639	9776.01	0.0032	P	2.8
6	☐	250.000	253.080	17358.40	0.0058	P	2.4
7	☐	500.000	485.553	32772.14	0.0108	P	0.9
8	☐	1000.000	1004.849	66813.39	0.0220	P	0.1
9	☐			880.62	0.0003	P	5.0

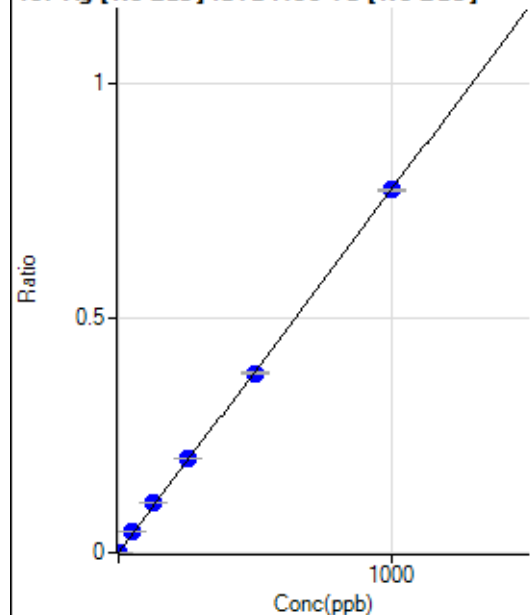
$$y = 2.1597\text{E-}005 * x + 3.0780\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.8926$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	66.5
2	☐	0.100					
3	☐	1.000	1.058	2542.01	0.0008	P	4.3
4	☐	50.000	56.285	134328.15	0.0435	P	0.6
5	☐	125.000	136.323	320509.99	0.1054	P	0.2
6	☐	250.000	260.713	606156.86	0.2016	P	0.7
7	☐	500.000	492.838	1157059.50	0.3811	P	1.0
8	☐	1000.000	999.173	2345453.03	0.7726	P	0.4
9	☐			263.90	0.0001	P	20.9

$$y = 7.7326\text{E-}004 * x + 7.8843\text{E-}006$$

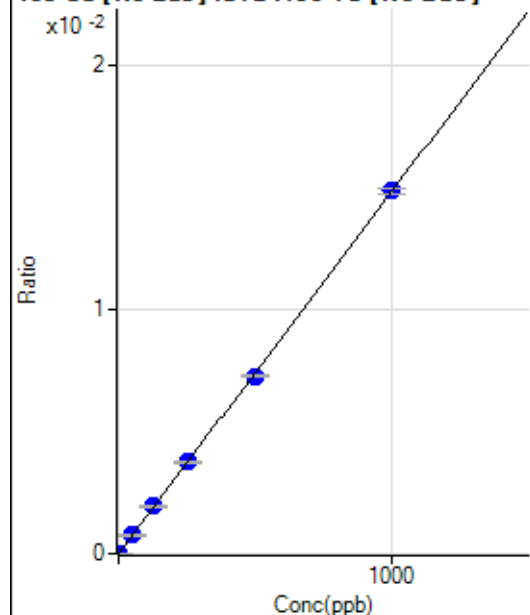
$$R = 0.9999$$

$$DL = 0.02034$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.78	0.0000	P	86.6
2	☐	0.100					
3	☐	1.000	0.702	34.72	0.0000	P	24.2
4	☐	50.000	51.990	2376.64	0.0008	P	7.4
5	☐	125.000	130.994	5895.79	0.0019	P	2.5
6	☐	250.000	253.802	11293.59	0.0038	P	1.5
7	☐	500.000	490.040	22018.73	0.0073	P	0.9
8	☐	1000.000	1003.181	45061.94	0.0148	P	1.3
9	☐			9.72	0.0000	P	90.1

$$y = 1.4797\text{E-}005 * x + 8.7870\text{E-}007$$

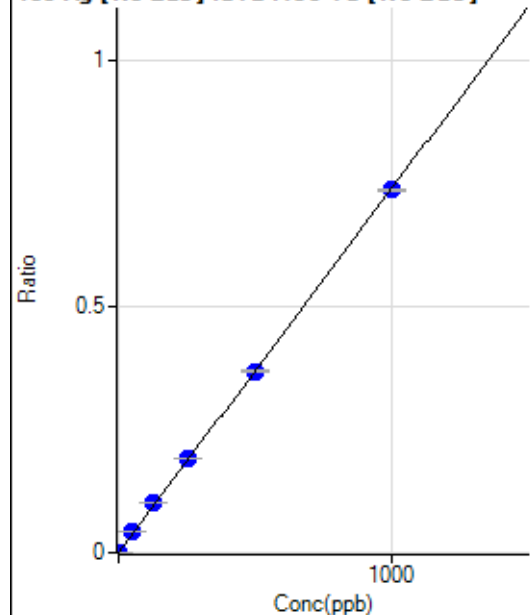
$$R = 0.9999$$

$$DL = 0.1543$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	25.00	0.0000	P	57.7
2	☐	0.100					
3	☐	1.000	1.021	2347.51	0.0008	P	6.5
4	☐	50.000	56.593	129171.74	0.0419	P	0.6
5	☐	125.000	136.434	306772.66	0.1009	P	0.4
6	☐	250.000	259.208	576348.50	0.1917	P	0.4
7	☐	500.000	498.076	1118303.64	0.3683	P	0.8
8	☐	1000.000	996.901	2237946.69	0.7372	P	0.5
9	☐			308.35	0.0001	P	4.1

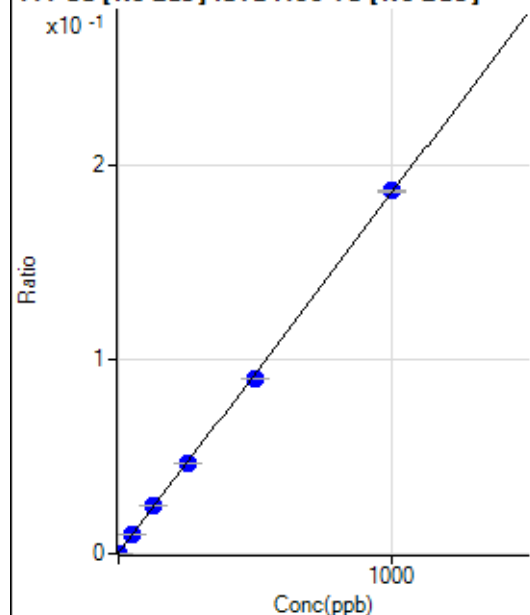
$$y = 7.3950\text{E-}004 * x + 7.8886\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.01847$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	684.78	0.0002	P	2.2
2	☐	0.100					
3	☐	1.000	1.167	1329.95	0.0004	P	2.6
4	☐	50.000	53.648	31312.47	0.0101	P	0.9
5	☐	125.000	132.017	74953.71	0.0247	P	1.4
6	☐	250.000	251.792	140783.98	0.0468	P	0.2
7	☐	500.000	484.831	273142.60	0.0900	P	0.1
8	☐	1000.000	1006.077	565986.08	0.1864	P	0.5
9	☐			704.08	0.0002	P	7.4

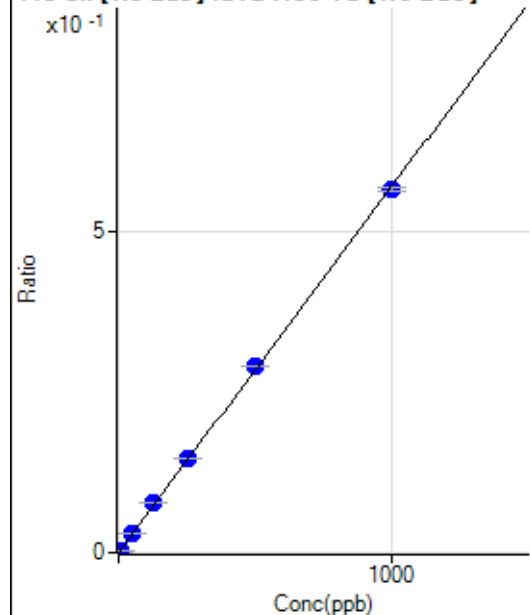
$$y = 1.8511\text{E-}004 * x + 2.1616\text{E-}004$$

$$R = 0.9998$$

$$DL = 0.07834$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	158.34	0.0000	P	9.0
2	☐	0.500					
3	☐	5.000	5.169	9234.00	0.0030	P	2.0
4	☐	50.000	54.613	96345.64	0.0312	P	0.3
5	☐	125.000	134.838	234137.29	0.0770	P	1.1
6	☐	250.000	259.192	444943.80	0.1480	P	0.6
7	☐	500.000	509.337	882805.10	0.2908	P	0.6
8	☐	1000.000	991.572	1718201.14	0.5660	P	1.0
9	☐			944.52	0.0003	P	14.5

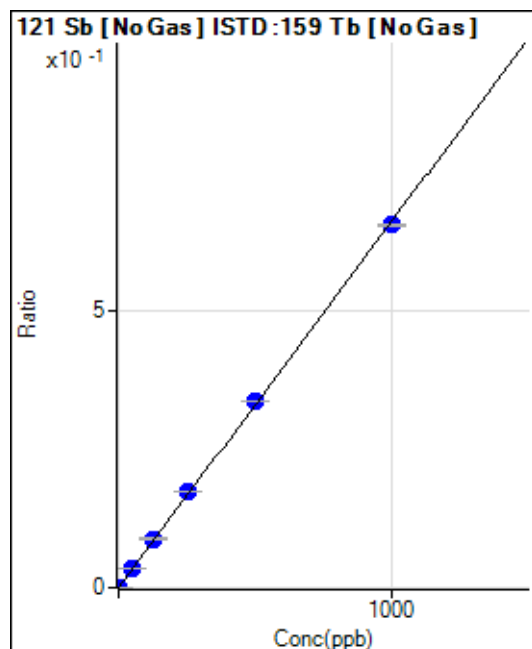
$$y = 5.7077\text{E-}004 * x + 4.9978\text{E-}005$$

$$R = 0.9999$$

$$DL = 0.02358$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.8
2	☐	0.200					
3	☐	2.000	1.808	3686.75	0.0012	P	6.8
4	☐	50.000	53.957	109863.44	0.0356	P	0.7
5	☐	125.000	133.501	267782.78	0.0881	P	0.7
6	☐	250.000	260.473	516678.58	0.1718	P	0.2
7	☐	500.000	509.786	1021111.13	0.3363	P	0.7
8	☐	1000.000	991.229	1985103.47	0.6539	P	0.7
9	☐			2772.63	0.0010	P	4.5

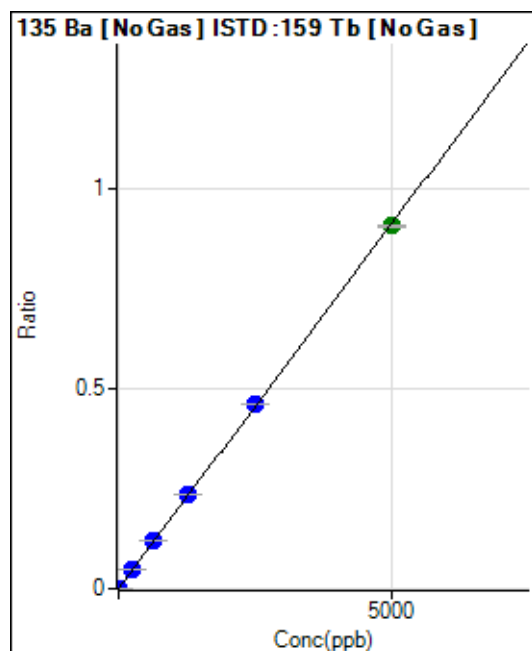
$$y = 6.5972\text{E-}004 * x + 5.2575\text{E-}006$$

$$R = 0.9998$$

$$DL = 0.01191$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	1.000					
3	☐	10.000	10.009	5634.71	0.0018	P	8.3
4	☐	250.000	266.585	150281.40	0.0487	P	0.4
5	☐	625.000	661.450	367351.58	0.1208	P	0.9
6	☐	1250.000	1289.885	708422.06	0.2356	P	0.8
7	☐	2500.000	2521.245	1398336.07	0.4606	P	0.2
8	☐	5000.000	4974.021	2758144.35	0.9086	A	0.8
9	☐			497.25	0.0002	P	14.5

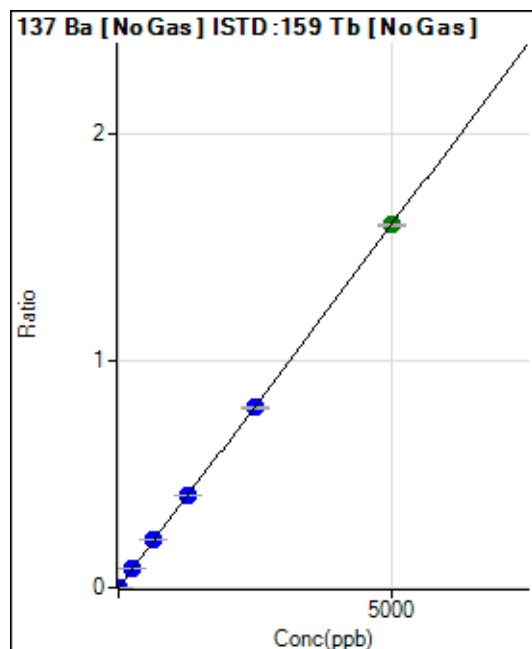
$$y = 1.8267\text{E-}004 * x + 2.6277\text{E-}006$$

$$R = 0.9999$$

$$DL = 0.0431$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	19.45	0.0000	P	24.8
2	☐	1.000					
3	☐	10.000	9.960	9809.44	0.0032	P	4.2
4	☐	250.000	267.745	263922.49	0.0855	P	0.6
5	☐	625.000	655.128	636217.02	0.2093	P	0.1
6	☐	1250.000	1276.285	1225675.66	0.4077	P	0.6
7	☐	2500.000	2481.513	2406569.39	0.7926	P	0.4
8	☐	5000.000	4998.019	4846181.36	1.5964	A	0.4
9	☐			872.29	0.0003	P	12.1

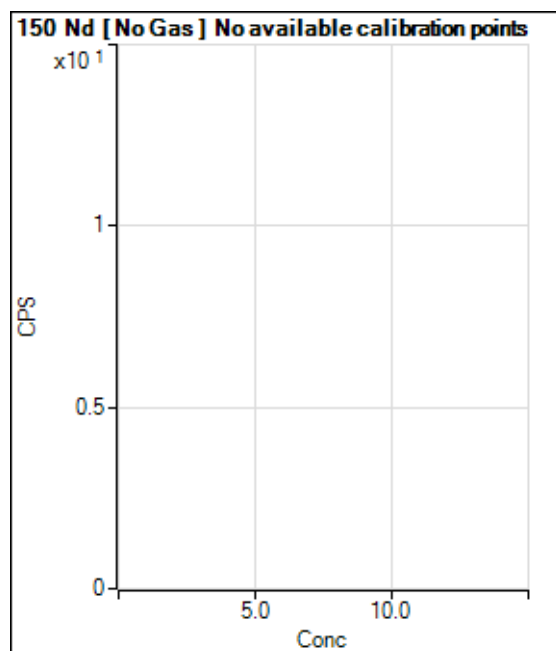
$$y = 3.1941\text{E-}004 * x + 6.1395\text{E-}006$$

$$R = 1.0000$$

$$DL = 0.01431$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			28.89		P	13.3
5	☐			44.45		P	45.8
6	☐			71.11		P	35.5
7	☐			117.78		P	21.4
8	☐			280.01		P	12.4
9	☐			64.45		P	58.8

150 Nd [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			4.44		P	43.4
6	☐			5.56		P	34.7
7	☐			11.11		P	34.6
8	☐			21.11		P	48.2
9	☐			23.33		P	14.3

156 Dy [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			5.56		P	173.2
4	☐			8.33		P	0.0
5	☐			11.11		P	114.6
6	☐			5.56		P	173.2
7	☐			27.78		P	34.6
8	☐			33.33		P	25.0
9	☐			41.67		P	34.6

156 Dy [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			1.11		P	173.2
4	☐			2.22		P	173.2
5	☐			12.22		P	41.7
6	☐			11.11		P	45.8
7	☐			42.22		P	43.5
8	☐			58.89		P	6.5
9	☐			8.89		P	57.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			19.45		P	24.7
2	☐						
3	☐			13.89		P	91.6
4	☐			19.44		P	89.2
5	☐			19.44		P	49.5
6	☐			0.00		P	
7	☐			16.67		P	50.0
8	☐			30.56		P	41.7
9	☐			25.00		P	88.2

160 Gd [He] No available calibration points

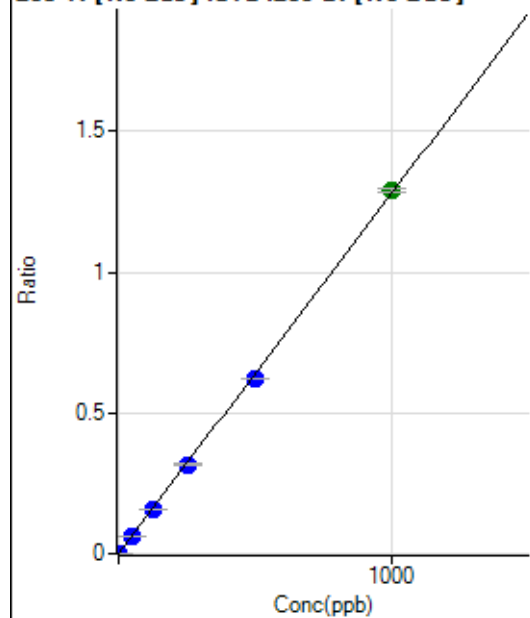
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			50.00		P	37.1
2	☐						
3	☐			24.44		P	39.4
4	☐			51.11		P	21.0
5	☐			48.89		P	14.2
6	☐			35.56		P	42.3
7	☐			35.55		P	19.5
8	☐			34.44		P	36.6
9	☐			47.78		P	33.0

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.78		P	173.2
2	☐						
3	☐			13.89		P	34.7
4	☐			2.78		P	173.2
5	☐			5.55		P	86.6
6	☐			8.33		P	173.2
7	☐			13.89		P	34.7
8	☐			27.78		P	17.3
9	☐			13.89		P	91.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			2.22		P	173.2
2	☐						
3	☐			3.33		P	100.1
4	☐			5.55		P	69.3
5	☐			7.78		P	24.7
6	☐			4.45		P	86.6
7	☐			7.78		P	24.7
8	☐			10.00		P	33.3
9	☐			8.89		P	57.3

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	33.33	0.0000	P	49.5
2	☐	0.100					
3	☐	1.000	0.945	2550.35	0.0012	P	7.4
4	☐	50.000	49.838	133020.05	0.0638	P	0.6
5	☐	125.000	123.707	324615.33	0.1582	P	0.9
6	☐	250.000	247.403	640996.43	0.3165	P	0.8
7	☐	500.000	487.381	1271387.00	0.6234	P	0.3
8	☐	1000.000	1007.128	2520665.25	1.2882	A	1.1
9	☐			594.48	0.0003	P	14.3

$$y = 0.0013 * x + 1.5658E-005$$

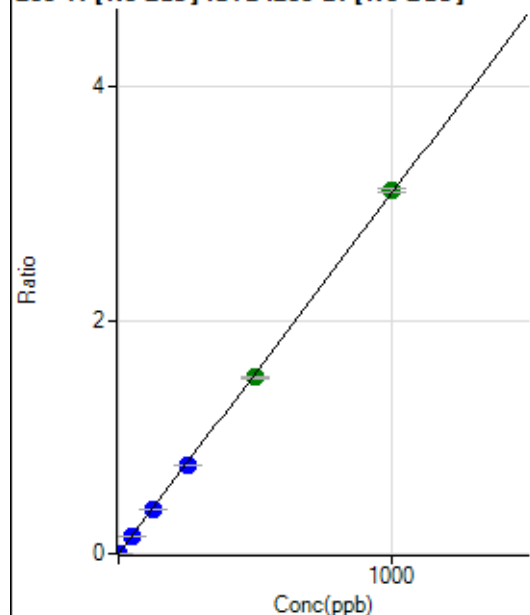
$$R = 0.9999$$

$$DL = 0.0182$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	66.67	0.0000	P	54.2
2	☐	0.100					
3	☐	1.000	0.868	5648.68	0.0027	P	0.2
4	☐	50.000	49.614	319550.99	0.1532	P	0.6
5	☐	125.000	122.882	778134.46	0.3793	P	0.9
6	☐	250.000	244.247	1527104.82	0.7539	P	0.4
7	☐	500.000	489.607	3082180.10	1.5113	A	0.5
8	☐	1000.000	1006.919	6081728.22	3.1080	A	0.9
9	☐			1441.82	0.0008	P	18.5

$$y = 0.0031 * x + 3.1297E-005$$

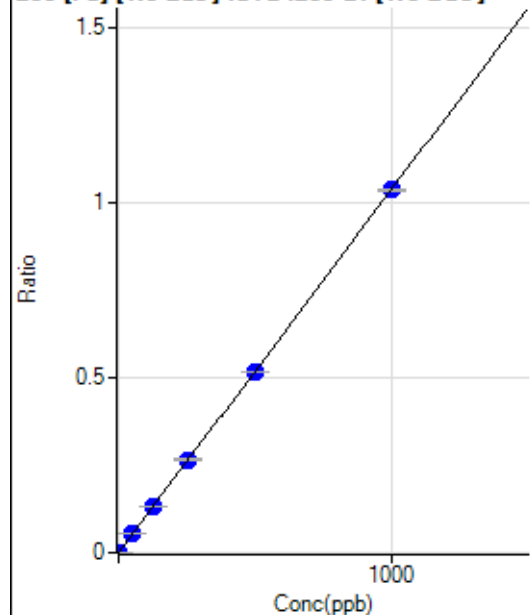
$$R = 0.9999$$

$$DL = 0.01648$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	94.45	0.0000	P	10.3
2	☐	0.100					
3	☐	1.000	0.956	2165.05	0.0010	P	5.5
4	☐	50.000	51.519	111806.70	0.0536	P	1.1
5	☐	125.000	128.849	274843.58	0.1340	P	0.9
6	☐	250.000	256.213	539548.87	0.2664	P	0.5
7	☐	500.000	498.278	1056421.50	0.5180	P	0.7
8	☐	1000.000	998.751	2031566.86	1.0382	P	0.5
9	☐			1835.37	0.0011	P	8.6

$$y = 0.0010 * x + 4.4424E-005$$

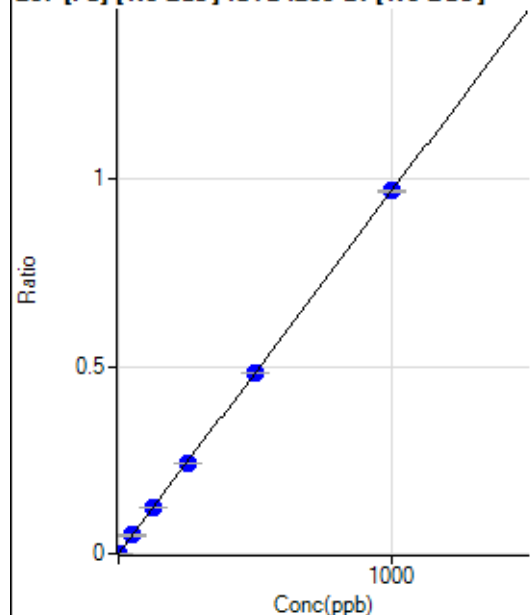
$$R = 1.0000$$

$$DL = 0.01319$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	79.63	0.0000	P	17.8
2	☐	0.100					
3	☐	1.000	0.858	1809.44	0.0009	P	4.2
4	☐	50.000	50.414	101911.69	0.0489	P	0.6
5	☐	125.000	126.114	250581.21	0.1221	P	0.4
6	☐	250.000	250.091	490572.37	0.2422	P	0.7
7	☐	500.000	497.523	982559.50	0.4818	P	0.4
8	☐	1000.000	1001.056	1896810.33	0.9693	P	0.4
9	☐			1464.94	0.0009	P	6.9

$$y = 9.6827\text{E-}004 * x + 3.7468\text{E-}005$$

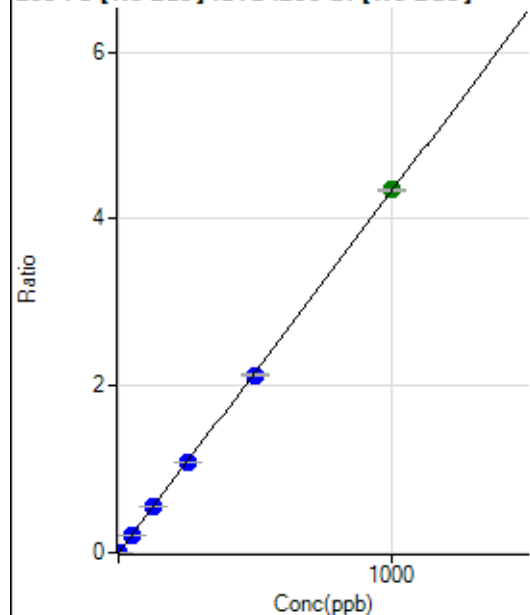
$$R = 1.0000$$

$$DL = 0.0207$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	368.53	0.0002	P	1.1
2	☐	0.100					
3	☐	1.000	0.904	8519.86	0.0041	P	0.3
4	☐	50.000	50.411	455723.09	0.2185	P	0.3
5	☐	125.000	126.198	1121326.23	0.5466	P	0.5
6	☐	250.000	250.508	2197457.38	1.0849	P	0.2
7	☐	500.000	491.536	4341003.59	2.1285	P	0.3
8	☐	1000.000	1003.935	8506640.19	4.3472	A	0.4
9	☐			7208.40	0.0042	P	6.4

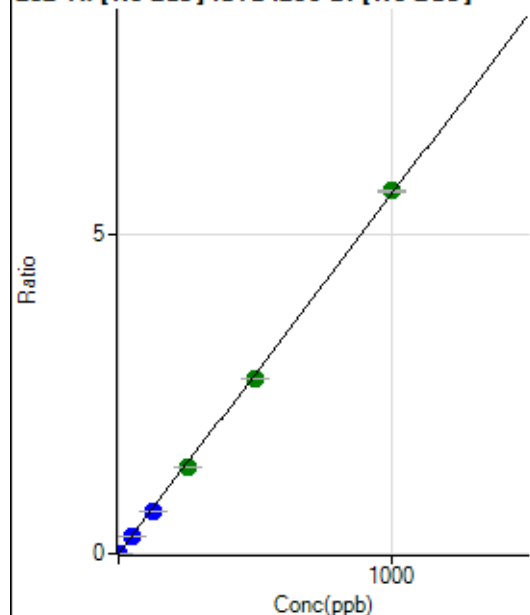
$$y = 0.0043 * x + 1.7333\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.001352$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	24.07	0.0000	P	58.5
2	☐	0.100					
3	☐	1.000	0.835	9802.10	0.0047	P	2.2
4	☐	50.000	47.288	554023.96	0.2656	P	0.5
5	☐	125.000	117.890	1358191.36	0.6621	P	0.4
6	☐	250.000	241.511	2747258.60	1.3563	A	0.3
7	☐	500.000	487.266	5580789.71	2.7365	A	0.3
8	☐	1000.000	1009.514	11093917.49	5.6694	A	0.4
9	☐			2350.28	0.0014	P	11.5

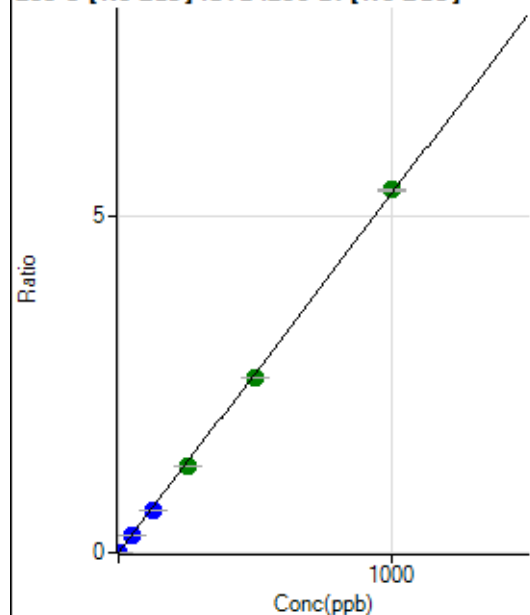
$$y = 0.0056 * x + 1.1336E-005$$

$$R = 0.9998$$

$$DL = 0.003544$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	108.34	0.0001	P	60.4
2	☐	0.100					
3	☐	1.000	0.889	9957.04	0.0048	P	3.6
4	☐	50.000	46.540	516354.11	0.2475	P	0.4
5	☐	125.000	116.801	1274161.34	0.6211	P	0.6
6	☐	250.000	239.243	2576830.59	1.2722	A	0.3
7	☐	500.000	485.783	5267994.48	2.5831	A	0.3
8	☐	1000.000	1010.996	10519484.87	5.3758	A	0.5
9	☐			1266.79	0.0007	P	12.9

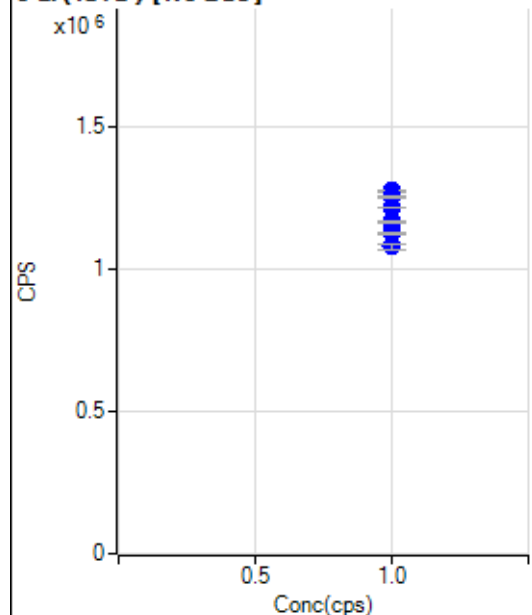
$$y = 0.0053 * x + 5.0832E-005$$

$$R = 0.9998$$

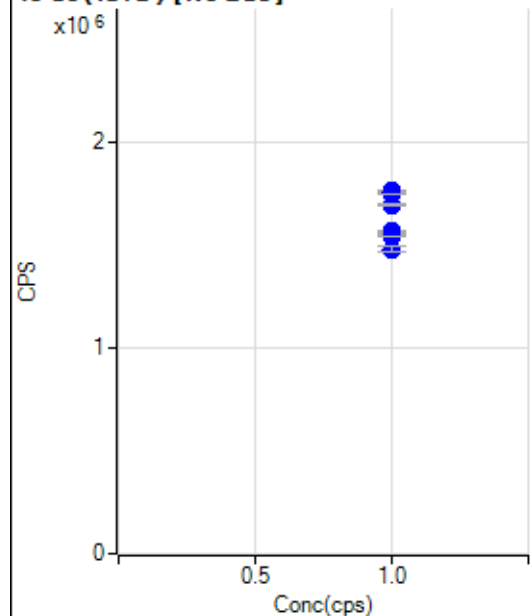
$$DL = 0.01734$$

Weight: <None>

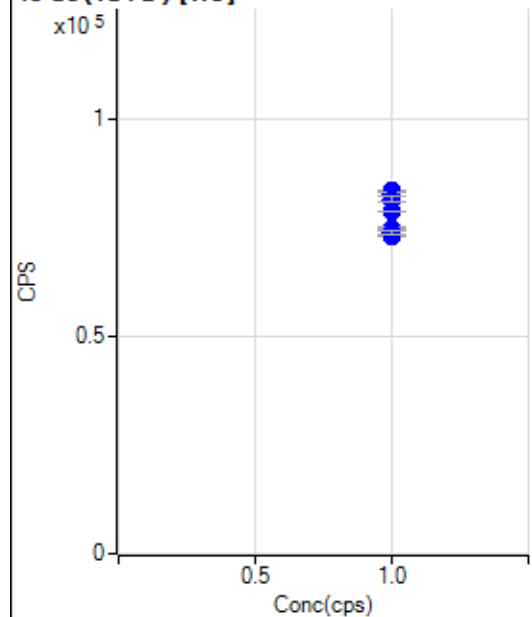
Min Conc: 0

6 Li (ISTD) [No Gas]

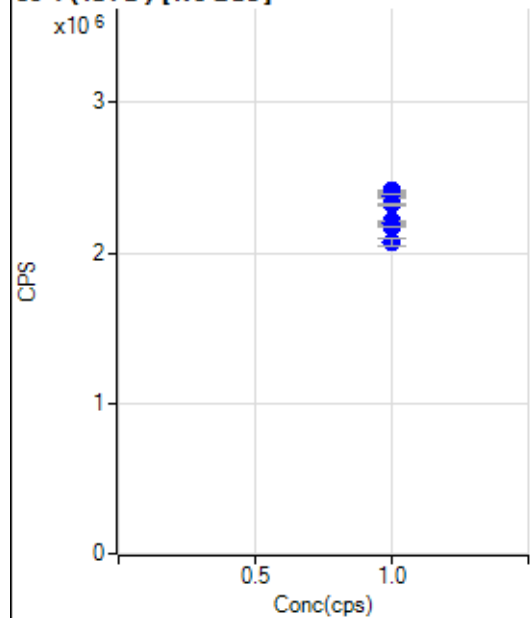
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1266388.75		P	0.1
2	☐	1.000					
3	☐	1.000		1272936.25		P	0.8
4	☐	1.000		1252577.50		P	0.4
5	☐	1.000		1215454.53		P	0.1
6	☐	1.000		1166353.32		P	0.2
7	☐	1.000		1161843.23		P	0.6
8	☐	1.000		1125599.47		P	0.4
9	☐	1.000		1078571.68		P	1.7

45 Sc (ISTD) [No Gas]

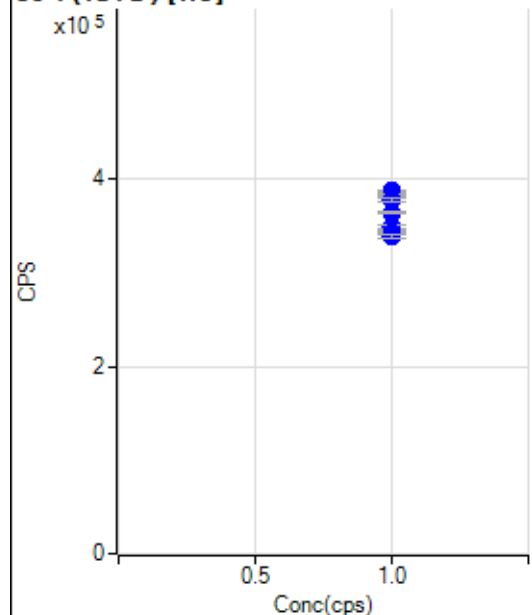
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1760827.51		P	0.6
2	☐	1.000					
3	☐	1.000		1751822.05		P	1.2
4	☐	1.000		1744553.90		P	0.3
5	☐	1.000		1691899.71		P	0.3
6	☐	1.000		1567011.29		P	0.6
7	☐	1.000		1555007.52		P	0.8
8	☐	1.000		1540633.83		P	0.1
9	☐	1.000		1476335.91		P	1.8

45 Sc (ISTD) [He]

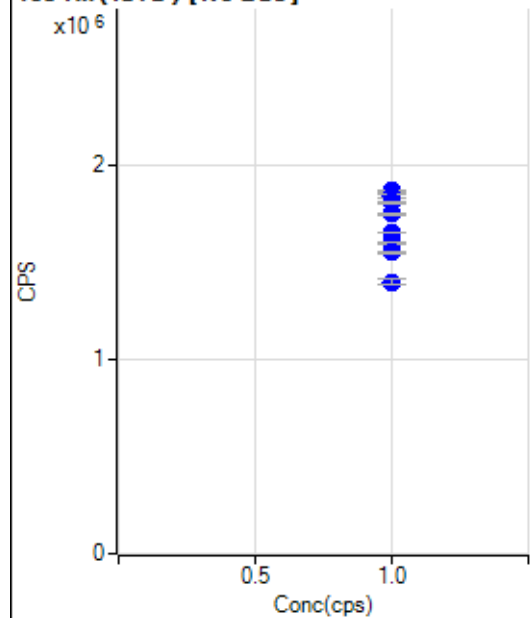
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		83513.51		P	0.7
2	☐	1.000					
3	☐	1.000		82739.19		P	0.9
4	☐	1.000		81513.81		P	1.7
5	☐	1.000		78723.08		P	0.4
6	☐	1.000		74490.48		P	0.6
7	☐	1.000		74913.77		P	0.4
8	☐	1.000		73225.29		P	1.0
9	☐	1.000		74128.62		P	1.2

89 Y (ISTD) [No Gas]

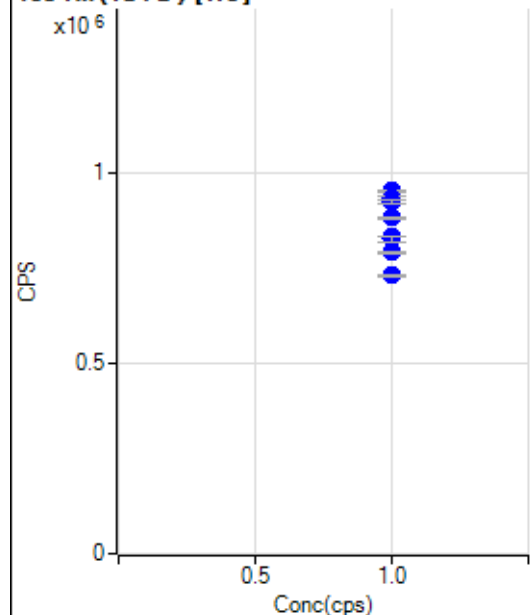
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2411611.44		P	0.8
2	☐	1.000					
3	☐	1.000		2388232.48		P	1.1
4	☐	1.000		2379234.29		P	0.8
5	☐	1.000		2320139.36		P	0.2
6	☐	1.000		2208216.41		P	0.4
7	☐	1.000		2197366.84		P	0.7
8	☐	1.000		2171833.60		P	0.1
9	☐	1.000		2071580.80		P	1.9

89 Y (ISTD) [He]

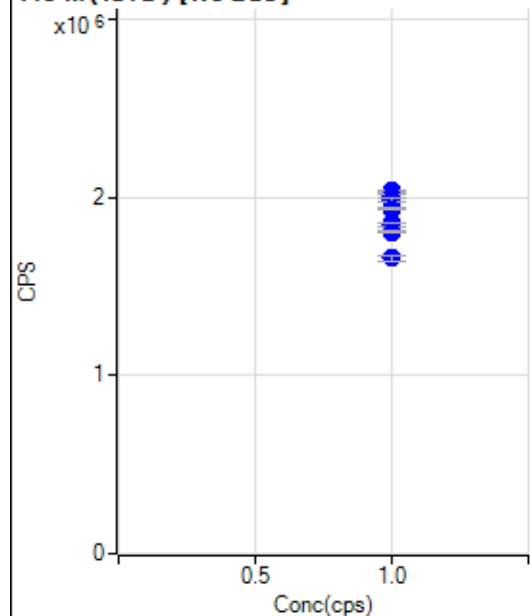
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		387082.24		P	0.7
2	☐	1.000					
3	☐	1.000		383188.37		P	0.7
4	☐	1.000		377998.57		P	0.9
5	☐	1.000		364103.67		P	0.7
6	☐	1.000		345126.65		P	0.6
7	☐	1.000		348481.09		P	1.1
8	☐	1.000		342238.18		P	0.7
9	☐	1.000		339097.01		P	1.2

103 Rh (ISTD) [No Gas]

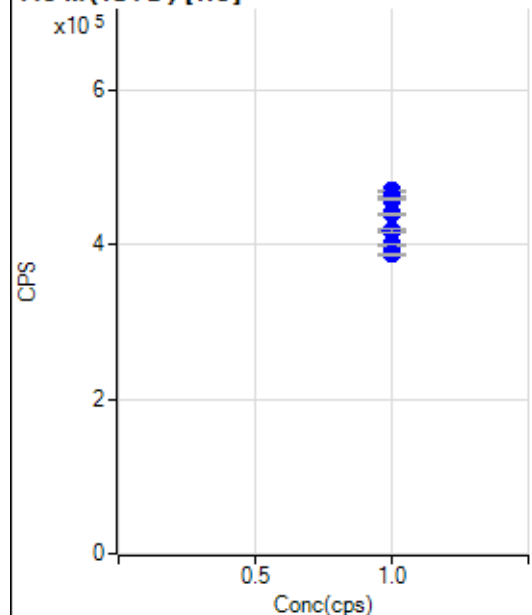
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1870615.21		P	0.6
2	☐	1.000					
3	☐	1.000		1845899.39		P	0.8
4	☐	1.000		1812808.77		P	0.7
5	☐	1.000		1754030.05		P	0.5
6	☐	1.000		1654309.44		P	0.4
7	☐	1.000		1603987.49		P	0.6
8	☐	1.000		1553614.25		P	0.6
9	☐	1.000		1402244.79		P	2.1

103 Rh (ISTD) [He]

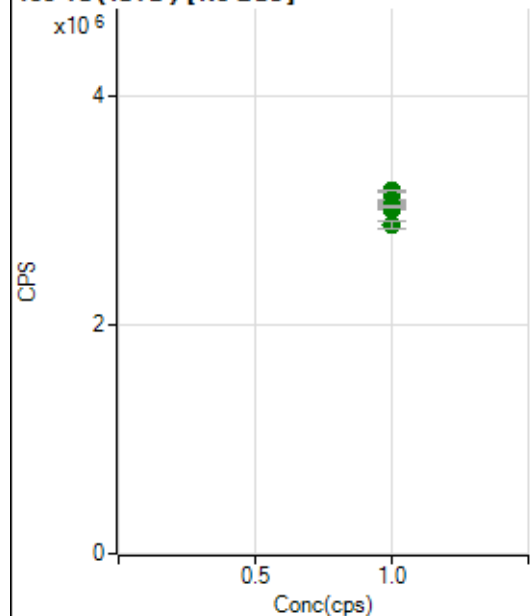
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		954083.73		P	0.7
2	☐	1.000					
3	☐	1.000		937061.27		P	1.0
4	☐	1.000		924423.50		P	0.8
5	☐	1.000		882784.45		P	0.8
6	☐	1.000		834687.00		P	0.3
7	☐	1.000		827530.80		P	1.5
8	☐	1.000		793053.78		P	0.5
9	☐	1.000		731024.60		P	0.9

115 In (ISTD) [No Gas]

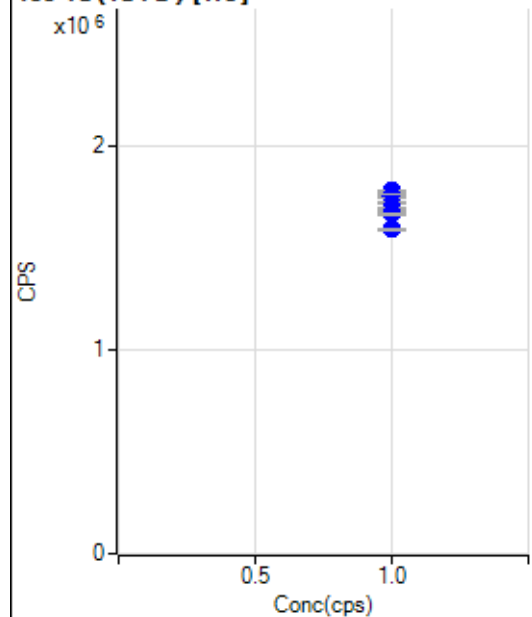
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2037453.86		P	0.8
2	☐	1.000					
3	☐	1.000		2006320.01		P	1.1
4	☐	1.000		1986289.01		P	0.7
5	☐	1.000		1936679.74		P	0.4
6	☐	1.000		1858562.51		P	0.1
7	☐	1.000		1845786.06		P	0.7
8	☐	1.000		1805068.93		P	0.5
9	☐	1.000		1660440.92		P	2.1

115 In (ISTD) [He]

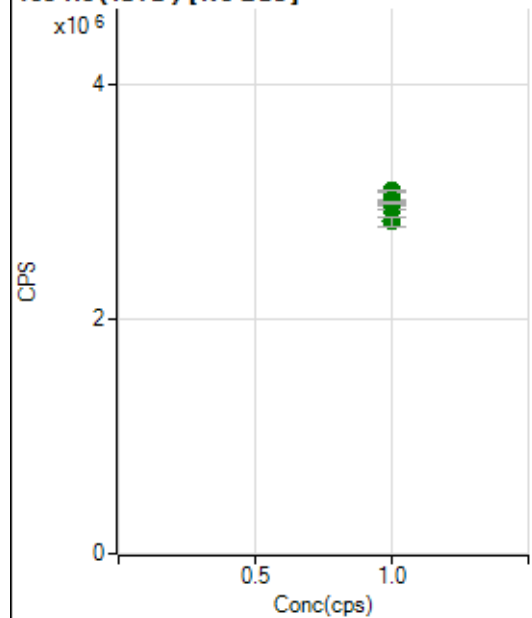
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		469087.64		P	0.5
2	☐	1.000					
3	☐	1.000		462753.27		P	0.2
4	☐	1.000		457638.08		P	0.6
5	☐	1.000		439870.56		P	0.5
6	☐	1.000		417663.08		P	0.2
7	☐	1.000		416886.38		P	1.3
8	☐	1.000		399166.45		P	0.5
9	☐	1.000		386982.11		P	0.7

159 Tb (ISTD) [No Gas]

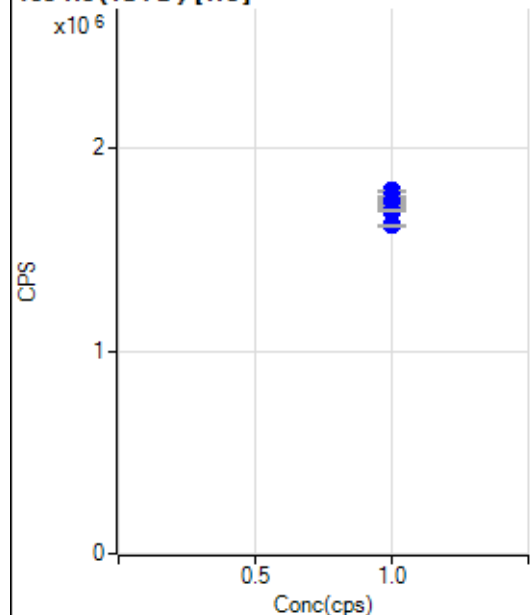
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3167827.59		A	0.2
2	☐	1.000					
3	☐	1.000		3077378.53		A	0.9
4	☐	1.000		3085899.50		A	0.7
5	☐	1.000		3040316.17		A	0.2
6	☐	1.000		3006656.66		A	0.6
7	☐	1.000		3036246.07		A	0.9
8	☐	1.000		3035684.09		A	0.5
9	☐	1.000		2865203.85		A	2.5

159 Tb (ISTD) [He]

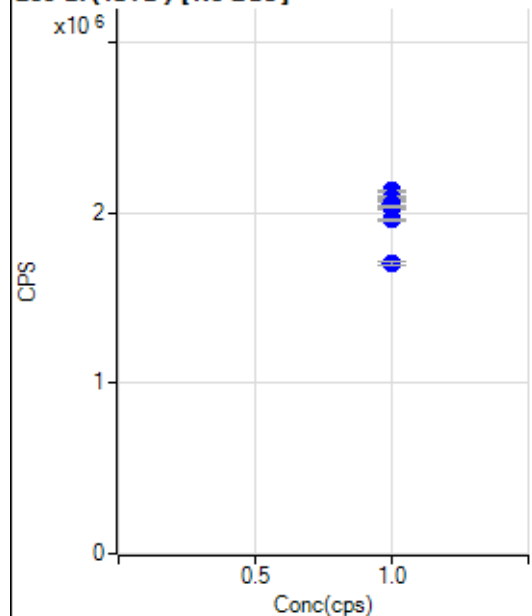
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1780365.68		P	0.2
2	☐	1.000					
3	☐	1.000		1750031.31		P	0.4
4	☐	1.000		1754500.90		P	1.1
5	☐	1.000		1721103.81		P	0.6
6	☐	1.000		1679280.08		P	0.5
7	☐	1.000		1697004.44		P	0.7
8	☐	1.000		1666255.72		P	0.7
9	☐	1.000		1590702.42		P	0.8

165 Ho (ISTD) [No Gas]

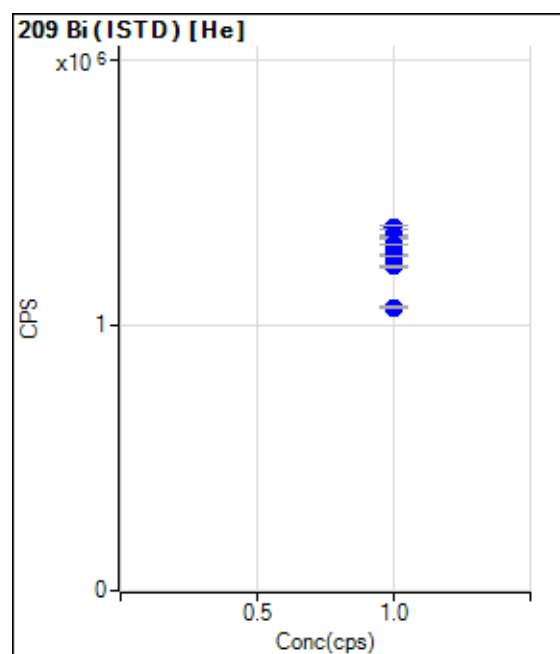
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		3086619.84		A	0.6
2	☐	1.000					
3	☐	1.000		2984774.68		A	1.0
4	☐	1.000		3010539.63		A	0.5
5	☐	1.000		2960167.60		A	0.2
6	☐	1.000		2930880.23		A	0.4
7	☐	1.000		2987472.01		A	1.1
8	☐	1.000		2980130.75		A	0.4
9	☐	1.000		2822591.30		A	2.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1792167.09		P	0.6
2	☐	1.000					
3	☐	1.000		1752815.77		P	0.9
4	☐	1.000		1763222.13		P	0.6
5	☐	1.000		1733971.67		P	0.3
6	☐	1.000		1691213.71		P	0.5
7	☐	1.000		1716358.64		P	0.3
8	☐	1.000		1694689.33		P	0.5
9	☐	1.000		1620165.38		P	0.7

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		2126204.71		P	0.6
2	☐	1.000					
3	☐	1.000		2084321.04		P	0.5
4	☐	1.000		2086171.86		P	0.6
5	☐	1.000		2051465.96		P	0.7
6	☐	1.000		2025543.25		P	0.5
7	☐	1.000		2039430.70		P	0.5
8	☐	1.000		1956841.43		P	0.6
9	☐	1.000		1705412.81		P	1.5



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	1.000		1364866.91		P	0.9
2	☐	1.000					
3	☐	1.000		1334760.05		P	0.7
4	☐	1.000		1326443.49		P	0.8
5	☐	1.000		1302555.93		P	0.4
6	☐	1.000		1265848.28		P	0.5
7	☐	1.000		1258350.21		P	0.3
8	☐	1.000		1221422.33		P	0.6
9	☐	1.000		1066029.24		P	0.5

US EPA Tune Check Sample Report

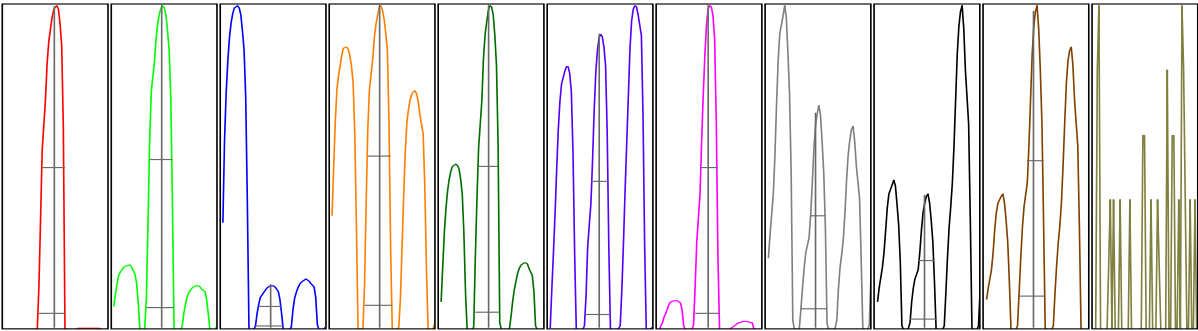
Batch Folder D:\ICP-MS Data\P7062619MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	4335	0.55	5.00	
24	100310	0.48	5.00	
25	13549	0.37	5.00	
26	15287	0.31	5.00	
59	20187	0.54	5.00	
113	2682	1.39	5.00	
115	32833	1.46	5.00	
206	9327	0.61	5.00	
207	8746	0.53	5.00	
208	20431	0.65	5.00	
220	0	70.71		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	4334	4345	4361	4340	4296
24	99829	100799	100707	100441	99771
25	13500	13589	13600	13564	13493
26	15273	15265	15334	15337	15228
59	20169	20247	20309	20194	20015
113	2715	2695	2711	2662	2627
115	33338	33093	32948	32705	32081
206	9262	9369	9369	9369	9267
207	8666	8779	8774	8767	8745
208	20288	20375	20622	20511	20359
220	0	0	0	0	0

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	7230	9.00	8.9 - 9.1		0.778	0.900	
24	162625	23.95	23.9 - 24.1		0.810	0.900	
25	21904	24.95	24.9 - 25.1		0.787	0.900	
26	25124	25.95	25.9 - 26.1		0.807	0.900	
59	36360	58.95	58.9 - 59.1		0.736	0.900	
113	5474	113.00	112.9 - 113.1		0.721	0.900	
115	67661	115.00	114.9 - 115.1		0.724	0.900	
206	19501	205.95	205.9 - 206.1		0.743	0.900	
207	18059	206.95	206.9 - 207.1		0.732	0.900	
208	43006	207.95	207.9 - 208.1		0.741	0.900	
220	0	219.85	-		0.175		

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.2	V	Deflect	14.0	V
Extract 2	-85.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-50	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 (Mean)	RSD% (Actual)	RSD% (Required)
59	5045	0.97	
89	10443	0.98	
205	8686	1.05	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	5065	5100	4968	5057	5032
89	10482	10570	10367	10483	10311
205	8748	8746	8625	8757	8555

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.8	V	Deflect	1.4	V
Extract 2	-90.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-50	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 : LB103645 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P7
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 10:32:57 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.00	0.00	-0.01	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-1	0.03	-0.04	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.01	-0.01	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.01	0.00	N/A	ppb
Beryllium	9-1	-0.02	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	0.00	0.17	-0.17	0.00	N/A	ppb
Boron	11-1	0.08	-0.08	0.00	0.00	N/A	ppb
Cadmium	111-1	-0.03	0.02	0.01	0.00	N/A	ppb
Cadmium	106-1	-0.34	0.21	0.13	0.00	N/A	ppb
Cadmium	108-1	0.03	-0.06	0.03	0.00	N/A	ppb
Calcium	43-1	0.88	-1.86	0.97	0.00	N/A	ppb
Calcium	44-1	-0.01	-0.52	0.53	0.00	N/A	ppb
Chromium	52-2	-0.04	-0.01	0.05	0.00	N/A	ppb
Cobalt	59-2	-0.01	0.00	0.01	0.00	N/A	ppb
Copper	63-2	0.02	-0.01	-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	0.18	-0.01	-0.17	0.00	N/A	ppb
Iron	57-2	0.13	1.29	-1.41	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.00	0.00	N/A	ppb
Lead	207-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.31	0.20	-0.50	0.00	N/A	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:32:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	-0.01	-0.02	0.00	N/A	ppb
Molybdenum	94-1	-0.03	0.00	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.01	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.04	0.03	0.00	N/A	ppb
Phosphorus	31-2	-23.92	-13.70	-19.11	-18.91		ppb
Potassium	39-2	-1.87	-3.35	5.22	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	-0.61	0.08	0.53	0.00	N/A	ppb
Selenium	82-1	-0.14	0.27	-0.13	0.00	N/A	ppb
Silicon	28-1	-0.32	-0.14	0.46	0.00	N/A	ppb
Silver	109-1	0.00	0.00	-0.01	0.00	N/A	ppb
Silver	107-1	-0.01	0.01	0.00	0.00	N/A	ppb
Sodium	23-2	0.80	-0.25	-0.56	0.00	N/A	ppb
Strontium	86-1	-0.04	-0.03	0.07	0.00	N/A	ppb
Strontium	88-1	0.01	0.00	-0.01	0.00	N/A	ppb
Sulfur	34-1	315.24	328.34	18.87	220.81	79.26	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.01	-0.01	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	-0.01	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.00	0.00	N/A	ppb
Titanium	47-1	0.01	-0.01	0.01	0.00	N/A	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:32:57	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.06	0.16	-0.10	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.03	-0.01	-0.02	0.00	N/A	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : S2 Instrumnet Name : P7
 Client Sample ID : S2 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 10:40:33 DataFile Name : 005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.72	17.32	20.22	18.75	7.71	ppb
Antimony	121-1	1.67	1.88	1.88	1.81	6.79	ppb
Arsenic	75-1	0.66	0.82	0.97	0.82	18.90	ppb
Barium	135-1	9.09	10.21	10.72	10.01	8.32	ppb
Barium	137-1	10.44	9.74	9.70	9.96	4.20	ppb
Beryllium	9-1	1.02	0.89	1.09	1.00	10.15	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	23.31	25.18	23.34	23.94	4.49	ppb
Boron	11-1	22.22	22.53	23.26	22.67	2.33	ppb
Cadmium	111-1	1.16	1.23	1.11	1.17	5.23	ppb
Cadmium	106-1	2.13	2.84	1.19	2.05	40.40	ppb
Cadmium	108-1	0.76	0.50	0.85	0.70	26.29	ppb
Calcium	43-1	492.31	457.90	486.47	478.89	3.84	ppb
Calcium	44-1	470.92	482.42	483.77	479.04	1.47	ppb
Chromium	52-2	1.81	1.96	2.07	1.95	6.54	ppb
Cobalt	59-2	1.00	0.96	0.98	0.98	2.08	ppb
Copper	63-2	2.02	2.13	1.95	2.04	4.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	55.44	57.42	58.13	57.00	2.45	ppb
Iron	57-2	58.15	57.08	61.71	58.98	4.12	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.91	0.94	0.96	5.75	ppb
Lead	207-1	0.82	0.88	0.88	0.86	4.34	ppb
Lead	208-1	0.90	0.90	0.91	0.90	0.28	ppb
Lithium	6-1				101		%
Magnesium	24-2	533.40	534.02	521.18	529.53	1.37	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:40:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.96	1.29	1.01	1.08	16.42	ppb
Molybdenum	94-1	4.54	5.03	4.40	4.66	7.09	ppb
Molybdenum	95-1	4.44	4.91	4.58	4.64	5.21	ppb
Molybdenum	96-1	4.98	5.02	4.92	4.97	1.07	ppb
Molybdenum	97-1	4.93	5.02	4.72	4.89	3.17	ppb
Molybdenum	98-1	4.70	4.85	4.88	4.81	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.98	1.14	1.47	1.20	20.61	ppb
Phosphorus	31-2	27.95	11.46	17.31	18.91	44.20	ppb
Potassium	39-2	516.64	498.20	512.87	509.24	1.91	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	2.89	7.32	2.93	4.38	58.12	ppb
Selenium	78-2	3.99	6.15	4.28	4.81	24.34	ppb
Selenium	82-1	4.81	4.96	5.69	5.16	9.11	ppb
Silicon	28-1	8.74	8.66	9.52	8.97	5.27	ppb
Silver	109-1	1.10	0.97	1.00	1.02	6.60	ppb
Silver	107-1	1.03	1.11	1.03	1.06	4.32	ppb
Sodium	23-2	485.07	483.10	488.87	485.68	0.60	ppb
Strontium	86-1	0.93	0.77	0.97	0.89	12.33	ppb
Strontium	88-1	0.93	0.99	0.92	0.95	3.85	ppb
Sulfur	34-1	-252.42	-174.62	-235.41	-220.81		ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.87	1.01	0.95	0.94	7.45	ppb
Thallium	205-1	0.87	0.87	0.87	0.87	0.18	ppb
Thorium	232-1	0.81	0.85	0.84	0.84	2.25	ppb
Tin	118-1	5.22	5.05	5.24	5.17	1.99	ppb
Titanium	47-1	4.60	4.92	4.82	4.78	3.48	ppb
Uranium	238-1	0.93	0.88	0.87	0.89	3.66	ppb
Vanadium	51-2	5.08	4.90	5.19	5.05	2.86	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:40:33	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1.96	1.72	1.41	1.70	16.25	ppb
Zirconium	90-1	0.99	0.90	0.86	0.92	7.51	ppb
Zirconium	91-1	0.65	1.10	0.91	0.89	25.33	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P7
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 10:44:29 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1067.21	1151.50	1098.55	1105.75	3.85	ppb
Antimony	121-1	53.99	54.30	53.58	53.96	0.66	ppb
Arsenic	75-1	51.74	51.75	53.20	52.23	1.61	ppb
Barium	135-1	266.49	267.77	265.50	266.58	0.43	ppb
Barium	137-1	266.49	269.45	267.30	267.75	0.57	ppb
Beryllium	9-1	53.45	53.70	54.26	53.80	0.77	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	47.87	52.98	50.20	50.35	5.08	ppb
Boron	11-1	51.23	50.76	52.11	51.37	1.33	ppb
Cadmium	111-1	54.02	53.08	53.85	53.65	0.93	ppb
Cadmium	106-1	55.77	61.32	56.79	57.96	5.10	ppb
Cadmium	108-1	50.95	56.27	48.75	51.99	7.44	ppb
Calcium	43-1	5259.65	5296.06	5312.03	5289.25	0.51	ppb
Calcium	44-1	5125.67	5123.96	5032.15	5093.93	1.05	ppb
Chromium	52-2	51.91	53.64	53.32	52.96	1.73	ppb
Cobalt	59-2	53.08	55.35	55.05	54.50	2.26	ppb
Copper	63-2	104.34	107.52	106.03	105.96	1.50	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				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	2799.44	2887.33	2884.28	2857.02	1.75	ppb
Iron	57-2	2843.47	2943.71	2916.60	2901.26	1.79	ppb
Krypton	83-1						cps
Lead	206-1	51.38	51.04	52.14	51.52	1.09	ppb
Lead	207-1	50.09	50.56	50.59	50.41	0.55	ppb
Lead	208-1	50.43	50.27	50.54	50.41	0.27	ppb
Lithium	6-1				99		%
Magnesium	24-2	5432.35	5587.64	5465.56	5495.18	1.49	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:44:29	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	101.73	106.48	105.88	104.70	2.47	ppb
Molybdenum	94-1	253.99	254.13	253.94	254.02	0.04	ppb
Molybdenum	95-1	252.91	255.51	256.52	254.98	0.73	ppb
Molybdenum	96-1	254.52	256.22	254.66	255.13	0.37	ppb
Molybdenum	97-1	256.20	258.54	258.23	257.66	0.49	ppb
Molybdenum	98-1	249.89	250.38	250.45	250.24	0.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.68	55.05	56.31	55.35	1.55	ppb
Phosphorus	31-2	1007.00	880.50	1037.88	975.13	8.55	ppb
Potassium	39-2	2723.02	2790.41	2808.95	2774.13	1.63	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	47.07	58.23	48.50	51.27	11.84	ppb
Selenium	78-2	57.39	51.63	59.22	56.08	7.07	ppb
Selenium	82-1	53.97	51.47	53.75	53.06	2.60	ppb
Silicon	28-1	53.96	54.24	54.56	54.26	0.55	ppb
Silver	109-1	56.75	56.83	56.19	56.59	0.61	ppb
Silver	107-1	55.99	56.23	56.64	56.29	0.59	ppb
Sodium	23-2	5171.63	5355.08	5312.80	5279.84	1.82	ppb
Strontium	86-1	50.96	52.50	52.29	51.92	1.61	ppb
Strontium	88-1	50.96	51.41	51.55	51.30	0.60	ppb
Sulfur	34-1	1355.42	1267.73	1277.16	1300.10	3.70	ppb
Terbium	159-1				97		%
Terbium	159-2				99		%
Thallium	203-1	49.99	50.05	49.48	49.84	0.63	ppb
Thallium	205-1	49.76	49.81	49.28	49.61	0.59	ppb
Thorium	232-1	47.25	47.09	47.52	47.29	0.46	ppb
Tin	118-1	54.44	54.67	54.74	54.61	0.29	ppb
Titanium	47-1	259.81	257.20	261.14	259.38	0.77	ppb
Uranium	238-1	46.62	46.33	46.67	46.54	0.39	ppb
Vanadium	51-2	51.47	53.43	52.13	52.34	1.91	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:44:29	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	98.00	103.01	104.08	101.70	3.19	ppb
Zirconium	90-1	51.06	51.26	51.03	51.12	0.24	ppb
Zirconium	91-1	50.74	50.82	49.65	50.40	1.30	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:48:25	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2702.36	2713.66	2734.08	2716.70	0.59	ppb
Antimony	121-1	132.44	133.79	134.27	133.50	0.71	ppb
Arsenic	75-1	129.94	133.56	131.88	131.79	1.38	ppb
Barium	135-1	655.34	661.17	667.84	661.45	0.95	ppb
Barium	137-1	655.64	654.55	655.20	655.13	0.08	ppb
Beryllium	9-1	134.12	132.44	132.86	133.14	0.66	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	125.63	123.77	125.59	125.00	0.85	ppb
Boron	11-1	123.96	126.45	128.03	126.15	1.63	ppb
Cadmium	111-1	133.54	129.86	132.65	132.02	1.45	ppb
Cadmium	106-1	132.33	132.12	139.46	134.64	3.10	ppb
Cadmium	108-1	134.36	127.77	130.85	130.99	2.51	ppb
Calcium	43-1	13084.19	12871.06	12995.18	12983.48	0.82	ppb
Calcium	44-1	12645.99	12537.22	12530.38	12571.20	0.52	ppb
Chromium	52-2	130.52	130.44	131.62	130.86	0.50	ppb
Cobalt	59-2	132.21	132.88	134.60	133.23	0.93	ppb
Copper	63-2	256.42	257.84	257.91	257.39	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	6860.74	6818.35	6834.23	6837.77	0.31	ppb
Iron	57-2	7030.41	7040.39	7109.44	7060.08	0.61	ppb
Krypton	83-1						cps
Lead	206-1	130.03	127.64	128.88	128.85	0.92	ppb
Lead	207-1	126.68	125.82	125.84	126.11	0.39	ppb
Lead	208-1	126.85	125.97	125.78	126.20	0.46	ppb
Lithium	6-1				96		%
Magnesium	24-2	13672.25	13686.87	13637.15	13665.42	0.19	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:48:25	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	259.75	258.73	257.12	258.53	0.51	ppb
Molybdenum	94-1	634.10	630.49	626.03	630.21	0.64	ppb
Molybdenum	95-1	632.17	634.62	630.40	632.40	0.33	ppb
Molybdenum	96-1	634.48	627.79	634.06	632.11	0.59	ppb
Molybdenum	97-1	634.11	642.36	634.88	637.12	0.71	ppb
Molybdenum	98-1	616.41	618.58	620.18	618.39	0.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	137.09	133.62	136.81	135.84	1.42	ppb
Phosphorus	31-2	2555.92	2517.45	2509.16	2527.51	0.99	ppb
Potassium	39-2	6874.55	6895.10	6845.20	6871.62	0.36	ppb
Rhodium	103-1				94		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	159.33	120.84	138.89	139.69	13.78	ppb
Selenium	78-2	140.84	123.94	134.58	133.12	6.42	ppb
Selenium	82-1	130.91	125.27	132.26	129.48	2.87	ppb
Silicon	28-1	128.49	128.69	130.69	129.29	0.94	ppb
Silver	109-1	137.02	136.19	136.09	136.43	0.37	ppb
Silver	107-1	135.96	136.56	136.45	136.32	0.24	ppb
Sodium	23-2	13005.75	13048.34	13091.87	13048.65	0.33	ppb
Strontium	86-1	125.97	126.92	126.99	126.62	0.45	ppb
Strontium	88-1	127.00	127.23	126.85	127.03	0.15	ppb
Sulfur	34-1	3034.27	2838.70	2759.55	2877.51	4.91	ppb
Terbium	159-1				96		%
Terbium	159-2				97		%
Thallium	203-1	124.89	123.47	122.76	123.71	0.87	ppb
Thallium	205-1	124.20	122.32	122.12	122.88	0.93	ppb
Thorium	232-1	118.37	117.83	117.48	117.89	0.38	ppb
Tin	118-1	134.52	133.59	136.41	134.84	1.07	ppb
Titanium	47-1	642.05	636.80	641.00	639.95	0.43	ppb
Uranium	238-1	117.49	116.74	116.18	116.80	0.56	ppb
Vanadium	51-2	132.04	129.28	128.94	130.09	1.30	ppb
Yttrium	89-1				96		%
Yttrium	89-2				94		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:48:25	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	255.05	256.10	255.29	255.48	0.21	ppb
Zirconium	90-1	126.68	127.49	126.13	126.77	0.54	ppb
Zirconium	91-1	126.07	125.39	126.86	126.11	0.58	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:52:21	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5406.25	5371.11	5344.14	5373.84	0.58	ppb
Antimony	121-1	259.77	261.05	260.60	260.47	0.25	ppb
Arsenic	75-1	251.79	256.98	251.10	253.29	1.27	ppb
Barium	135-1	1298.69	1277.96	1293.00	1289.88	0.83	ppb
Barium	137-1	1277.58	1268.29	1282.98	1276.28	0.58	ppb
Beryllium	9-1	259.93	261.19	258.71	259.94	0.48	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	239.26	253.29	252.97	248.50	3.22	ppb
Boron	11-1	248.44	254.08	255.97	252.83	1.55	ppb
Cadmium	111-1	251.33	251.64	252.41	251.79	0.22	ppb
Cadmium	106-1	260.19	247.70	251.35	253.08	2.54	ppb
Cadmium	108-1	257.74	250.02	253.65	253.80	1.52	ppb
Calcium	43-1	26199.86	26193.24	26119.67	26170.93	0.17	ppb
Calcium	44-1	25786.90	25652.99	25642.83	25694.24	0.31	ppb
Chromium	52-2	256.68	256.06	257.28	256.67	0.24	ppb
Cobalt	59-2	261.38	260.56	259.37	260.44	0.39	ppb
Copper	63-2	504.27	506.31	499.21	503.26	0.73	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				94		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	13575.95	13685.24	13574.19	13611.79	0.47	ppb
Iron	57-2	13955.31	13975.58	14056.74	13995.88	0.38	ppb
Krypton	83-1						cps
Lead	206-1	255.00	257.71	255.93	256.21	0.54	ppb
Lead	207-1	248.47	250.04	251.76	250.09	0.66	ppb
Lead	208-1	249.80	250.75	250.98	250.51	0.25	ppb
Lithium	6-1				92		%
Magnesium	24-2	26558.91	26599.21	26659.28	26605.80	0.19	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P7
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 10:52:21 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	511.80	513.66	508.83	511.43	0.48	ppb
Molybdenum	94-1	1244.03	1249.52	1242.18	1245.24	0.31	ppb
Molybdenum	95-1	1255.21	1262.87	1254.16	1257.41	0.38	ppb
Molybdenum	96-1	1252.54	1256.44	1250.46	1253.15	0.24	ppb
Molybdenum	97-1	1267.72	1267.40	1270.19	1268.44	0.12	ppb
Molybdenum	98-1	1208.01	1220.53	1220.83	1216.46	0.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	260.81	263.20	260.38	261.47	0.58	ppb
Phosphorus	31-2	5330.04	4721.43	5014.40	5021.96	6.06	ppb
Potassium	39-2	13552.78	13522.73	13445.61	13507.04	0.41	ppb
Rhodium	103-1				88		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				89		%
Selenium	77-2	272.16	265.05	272.10	269.77	1.52	ppb
Selenium	78-2	268.14	241.49	253.64	254.43	5.24	ppb
Selenium	82-1	262.34	258.39	259.89	260.21	0.77	ppb
Silicon	28-1	271.61	272.29	272.34	272.08	0.15	ppb
Silver	109-1	260.37	258.21	259.04	259.21	0.42	ppb
Silver	107-1	262.85	259.33	259.96	260.71	0.72	ppb
Sodium	23-2	26169.37	26063.61	26052.13	26095.04	0.25	ppb
Strontium	86-1	253.00	252.43	257.11	254.18	1.00	ppb
Strontium	88-1	250.02	250.57	249.74	250.11	0.17	ppb
Sulfur	34-1	5086.21	4892.70	4640.16	4873.02	4.59	ppb
Terbium	159-1				95		%
Terbium	159-2				94		%
Thallium	203-1	248.78	248.17	245.26	247.40	0.76	ppb
Thallium	205-1	244.84	243.10	244.81	244.25	0.41	ppb
Thorium	232-1	242.15	240.76	241.62	241.51	0.29	ppb
Tin	118-1	259.78	257.55	260.25	259.19	0.56	ppb
Titanium	47-1	1275.06	1276.13	1273.40	1274.86	0.11	ppb
Uranium	238-1	239.24	238.53	239.96	239.24	0.30	ppb
Vanadium	51-2	253.18	256.70	254.81	254.89	0.69	ppb
Yttrium	89-1				92		%
Yttrium	89-2				89		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:52:21	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	493.47	497.26	497.04	495.92	0.43	ppb
Zirconium	90-1	252.10	251.02	251.49	251.54	0.22	ppb
Zirconium	91-1	256.61	258.09	255.75	256.82	0.46	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10443.07	10496.55	10629.28	10522.97	0.91	ppb
Antimony	121-1	510.87	512.77	505.71	509.79	0.72	ppb
Arsenic	75-1	490.34	502.05	504.38	498.93	1.51	ppb
Barium	135-1	2526.41	2522.68	2514.65	2521.24	0.24	ppb
Barium	137-1	2493.06	2476.36	2475.11	2481.51	0.40	ppb
Beryllium	9-1	503.87	498.19	499.28	500.44	0.60	ppb
Bismuth	209-1				96		%
Bismuth	209-2				92		%
Boron	10-1	506.29	509.54	502.77	506.20	0.67	ppb
Boron	11-1	499.66	501.48	510.28	503.81	1.13	ppb
Cadmium	111-1	484.62	485.63	484.24	484.83	0.15	ppb
Cadmium	106-1	487.03	489.12	480.51	485.55	0.92	ppb
Cadmium	108-1	485.11	493.75	491.26	490.04	0.91	ppb
Calcium	43-1	52386.54	52120.98	52597.82	52368.45	0.46	ppb
Calcium	44-1	51329.92	50981.72	51191.54	51167.73	0.34	ppb
Chromium	52-2	505.52	506.34	515.91	509.26	1.13	ppb
Cobalt	59-2	505.11	503.30	520.00	509.47	1.80	ppb
Copper	63-2	976.13	972.60	998.30	982.34	1.42	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				91		%
Indium	115-2				89		%
Iron	56-2	26746.38	26588.51	27086.54	26807.15	0.95	ppb
Iron	57-2	27157.84	27473.42	27923.82	27518.36	1.40	ppb
Krypton	83-1						cps
Lead	206-1	495.94	496.34	502.55	498.28	0.74	ppb
Lead	207-1	495.86	496.76	499.94	497.52	0.43	ppb
Lead	208-1	490.18	491.40	493.03	491.54	0.29	ppb
Lithium	6-1				92		%
Magnesium	24-2	52312.60	52455.52	53458.85	52742.32	1.18	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.82	1008.49	1029.84	1015.39	1.23	ppb
Molybdenum	94-1	2451.72	2453.94	2452.42	2452.69	0.05	ppb
Molybdenum	95-1	2462.26	2454.84	2445.92	2454.34	0.33	ppb
Molybdenum	96-1	2510.46	2496.73	2488.94	2498.71	0.44	ppb
Molybdenum	97-1	2476.53	2459.31	2457.97	2464.60	0.42	ppb
Molybdenum	98-1	2511.76	2496.20	2491.00	2499.66	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.95	502.98	518.35	508.43	1.69	ppb
Phosphorus	31-2	9903.22	10221.73	10137.74	10087.56	1.64	ppb
Potassium	39-2	26391.08	26590.80	27127.66	26703.18	1.43	ppb
Rhodium	103-1				86		%
Rhodium	103-2				87		%
Scandium	45-1				88		%
Scandium	45-2				90		%
Selenium	77-2	508.87	496.11	509.82	504.93	1.52	ppb
Selenium	78-2	511.10	497.31	503.42	503.94	1.37	ppb
Selenium	82-1	513.05	505.15	510.27	509.49	0.79	ppb
Silicon	28-1	528.21	524.91	534.25	529.12	0.90	ppb
Silver	109-1	499.94	500.80	493.49	498.08	0.80	ppb
Silver	107-1	491.13	498.53	488.85	492.84	1.03	ppb
Sodium	23-2	51748.78	51690.29	52795.31	52078.13	1.19	ppb
Strontium	86-1	506.97	503.33	499.98	503.43	0.69	ppb
Strontium	88-1	504.89	495.72	498.96	499.85	0.93	ppb
Sulfur	34-1	9666.54	9458.95	9486.29	9537.26	1.18	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	486.64	486.29	489.21	487.38	0.33	ppb
Thallium	205-1	486.72	490.43	491.67	489.61	0.53	ppb
Thorium	232-1	486.74	489.00	486.05	487.27	0.32	ppb
Tin	118-1	509.75	511.93	506.32	509.34	0.56	ppb
Titanium	47-1	2541.87	2523.99	2518.33	2528.07	0.49	ppb
Uranium	238-1	487.49	485.62	484.24	485.78	0.34	ppb
Vanadium	51-2	503.79	503.58	515.00	507.46	1.29	ppb
Yttrium	89-1				91		%
Yttrium	89-2				90		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	962.22	963.68	989.36	971.75	1.57	ppb
Zirconium	90-1	499.60	494.69	496.32	496.87	0.50	ppb
Zirconium	91-1	511.03	506.49	509.92	509.15	0.46	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20683.26	20789.60	20941.60	20804.82	0.62	ppb
Antimony	121-1	995.17	983.38	995.14	991.23	0.69	ppb
Arsenic	75-1	997.81	999.13	999.32	998.75	0.08	ppb
Barium	135-1	4998.32	4930.90	4992.85	4974.02	0.75	ppb
Barium	137-1	4995.11	4978.49	5020.45	4998.02	0.42	ppb
Beryllium	9-1	997.47	1001.10	989.69	996.08	0.59	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	998.33	999.11	994.41	997.28	0.25	ppb
Boron	11-1	988.65	999.67	1003.38	997.23	0.77	ppb
Cadmium	111-1	1011.65	1003.69	1002.90	1006.08	0.48	ppb
Cadmium	106-1	1003.80	1004.90	1005.84	1004.85	0.10	ppb
Cadmium	108-1	1007.62	988.62	1013.30	1003.18	1.29	ppb
Calcium	43-1	103118.40	103055.41	102904.51	103026.11	0.11	ppb
Calcium	44-1	101701.96	102063.43	101178.22	101647.87	0.44	ppb
Chromium	52-2	984.59	995.15	998.73	992.82	0.74	ppb
Cobalt	59-2	986.29	989.38	998.54	991.40	0.64	ppb
Copper	63-2	1992.63	2004.41	2023.33	2006.79	0.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				89		%
Indium	115-2				85		%
Iron	56-2	52628.15	52685.66	52857.71	52723.84	0.23	ppb
Iron	57-2	53192.63	53767.34	54282.44	53747.47	1.01	ppb
Krypton	83-1						cps
Lead	206-1	1003.46	993.26	999.53	998.75	0.52	ppb
Lead	207-1	999.89	997.28	1006.00	1001.06	0.45	ppb
Lead	208-1	1005.62	998.85	1007.34	1003.93	0.45	ppb
Lithium	6-1				89		%
Magnesium	24-2	103978.43	103657.58	104298.22	103978.07	0.31	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1979.51	1983.04	2001.89	1988.15	0.61	ppb
Molybdenum	94-1	5037.68	5001.00	5033.29	5023.99	0.40	ppb
Molybdenum	95-1	4998.15	5029.73	5031.53	5019.80	0.37	ppb
Molybdenum	96-1	4993.84	4999.69	5002.61	4998.71	0.09	ppb
Molybdenum	97-1	5013.35	5013.35	5006.87	5011.19	0.07	ppb
Molybdenum	98-1	4994.18	5010.88	5023.06	5009.37	0.29	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	979.57	990.52	1003.80	991.30	1.22	ppb
Phosphorus	31-2	19779.87	19869.66	20196.07	19948.53	1.10	ppb
Potassium	39-2	52118.02	51853.60	52212.91	52061.51	0.36	ppb
Rhodium	103-1				83		%
Rhodium	103-2				83		%
Scandium	45-1				87		%
Scandium	45-2				88		%
Selenium	77-2	1060.91	945.77	965.41	990.70	6.22	ppb
Selenium	78-2	982.43	997.29	1007.08	995.60	1.25	ppb
Selenium	82-1	980.05	1001.51	994.42	991.99	1.10	ppb
Silicon	28-1	976.97	978.97	981.60	979.18	0.24	ppb
Silver	109-1	994.18	994.25	1002.28	996.90	0.47	ppb
Silver	107-1	995.22	998.47	1003.83	999.17	0.44	ppb
Sodium	23-2	102659.72	102558.59	103615.41	102944.57	0.57	ppb
Strontium	86-1	998.82	998.18	993.82	996.94	0.27	ppb
Strontium	88-1	999.10	997.62	1002.46	999.73	0.25	ppb
Sulfur	34-1	20051.01	20324.97	20226.78	20200.92	0.69	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	1019.85	999.99	1001.55	1007.13	1.10	ppb
Thallium	205-1	1017.39	1000.04	1003.32	1006.92	0.92	ppb
Thorium	232-1	1013.75	1006.95	1007.84	1009.51	0.37	ppb
Tin	118-1	988.61	983.74	1002.37	991.57	0.97	ppb
Titanium	47-1	4954.91	5010.51	4966.82	4977.41	0.59	ppb
Uranium	238-1	1011.24	1006.14	1015.61	1011.00	0.47	ppb
Vanadium	51-2	982.11	998.63	1002.14	994.29	1.08	ppb
Yttrium	89-1				90		%
Yttrium	89-2				88		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1995.69	2018.75	2028.68	2014.37	0.84	ppb
Zirconium	90-1	997.84	1004.13	1000.74	1000.90	0.31	ppb
Zirconium	91-1	990.52	995.25	994.92	993.56	0.27	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:03:55	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100622.88	100289.48	98372.36	99761.57	1.22	ppb
Antimony	121-1	1.50	1.38	1.50	1.46	4.55	ppb
Arsenic	75-1	1.29	1.13	1.93	1.45	29.47	ppb
Barium	135-1	1.07	0.95	0.79	0.94	14.69	ppb
Barium	137-1	1.06	0.83	0.92	0.94	12.32	ppb
Beryllium	9-1	0.27	0.27	0.28	0.27	3.01	ppb
Bismuth	209-1				80		%
Bismuth	209-2				78		%
Boron	10-1	57.13	51.02	47.86	52.00	9.06	ppb
Boron	11-1	56.76	50.95	47.91	51.87	8.67	ppb
Cadmium	111-1	0.05	0.19	0.24	0.16	62.26	ppb
Cadmium	106-1	-0.68	-0.13	0.73	-0.03		ppb
Cadmium	108-1	0.34	0.23	-0.06	0.17	121.32	ppb
Calcium	43-1	505718.97	492000.52	499533.80	499084.43	1.38	ppb
Calcium	44-1	506784.51	494038.81	497725.41	499516.24	1.31	ppb
Chromium	52-2	4.10	3.96	4.23	4.10	3.34	ppb
Cobalt	59-2	11.43	11.09	10.89	11.13	2.43	ppb
Copper	63-2	5.63	5.47	6.05	5.72	5.26	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				91		%
Holmium	165-2				90		%
Indium	115-1				81		%
Indium	115-2				82		%
Iron	56-2	250928.98	249079.27	247593.74	249200.66	0.67	ppb
Iron	57-2	250380.59	249739.23	246579.00	248899.61	0.82	ppb
Krypton	83-1						cps
Lead	206-1	1.09	0.98	0.91	0.99	8.93	ppb
Lead	207-1	0.92	0.82	0.81	0.85	7.21	ppb
Lead	208-1	1.00	0.94	0.87	0.94	6.66	ppb
Lithium	6-1				85		%
Magnesium	24-2	503007.18	499685.51	493754.55	498815.75	0.94	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P7
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:03:55 DataFile Name : 011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6.58	6.97	6.89	6.81	3.03	ppb
Molybdenum	94-1	2.36	2.16	1.88	2.13	11.41	ppb
Molybdenum	95-1	2.37	1.91	2.09	2.12	11.05	ppb
Molybdenum	96-1	3.06	2.48	2.28	2.61	15.62	ppb
Molybdenum	97-1	2.18	2.07	1.95	2.07	5.48	ppb
Molybdenum	98-1	2.12	1.81	1.81	1.91	9.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	11.20	11.81	11.38	11.47	2.75	ppb
Phosphorus	31-2	-21.12	-15.77	23.60	-4.43		ppb
Potassium	39-2	251692.42	249249.58	247104.18	249348.73	0.92	ppb
Rhodium	103-1				75		%
Rhodium	103-2				77		%
Scandium	45-1				84		%
Scandium	45-2				89		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.58	1.26	1.02	1.29	21.77	ppb
Selenium	82-1	1.24	0.81	0.44	0.83	48.32	ppb
Silicon	28-1	54.33	53.24	53.85	53.81	1.02	ppb
Silver	109-1	0.14	0.13	0.14	0.13	4.44	ppb
Silver	107-1	0.13	0.11	0.08	0.11	22.83	ppb
Sodium	23-2	502999.36	498795.56	495601.15	499132.02	0.74	ppb
Strontium	86-1	3.73	3.95	3.81	3.83	2.94	ppb
Strontium	88-1	4.18	4.00	3.75	3.98	5.38	ppb
Sulfur	34-1	94.22	-72.86	103.60	41.65	238.35	ppb
Terbium	159-1				90		%
Terbium	159-2				89		%
Thallium	203-1	0.30	0.23	0.25	0.26	14.94	ppb
Thallium	205-1	0.30	0.29	0.21	0.26	19.21	ppb
Thorium	232-1	0.26	0.26	0.21	0.24	11.62	ppb
Tin	118-1	0.56	0.51	0.40	0.49	17.09	ppb
Titanium	47-1	1.97	1.90	1.99	1.95	2.43	ppb
Uranium	238-1	0.14	0.14	0.11	0.13	13.84	ppb
Vanadium	51-2	0.17	0.18	0.18	0.17	3.91	ppb
Yttrium	89-1				86		%
Yttrium	89-2				88		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:03:55	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	16.29	14.81	16.57	15.89	5.94	ppb
Zirconium	90-1	0.37	0.35	0.35	0.35	3.37	ppb
Zirconium	91-1	0.37	0.37	0.40	0.38	4.10	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	486.93	474.75	490.18	483.96	1.68	ppb
Antimony	121-1	194.50	192.39	189.81	192.23	1.22	ppb
Arsenic	75-1	190.95	194.23	192.94	192.71	0.86	ppb
Barium	135-1	100.89	99.07	94.82	98.26	3.17	ppb
Barium	137-1	99.85	98.25	96.96	98.35	1.48	ppb
Beryllium	9-1	95.54	96.62	94.39	95.52	1.17	ppb
Bismuth	209-1				101		%
Bismuth	209-2				97		%
Boron	10-1	4.37	4.13	5.95	4.82	20.56	ppb
Boron	11-1	4.63	4.20	4.51	4.45	5.04	ppb
Cadmium	111-1	96.54	95.26	93.48	95.09	1.61	ppb
Cadmium	106-1	77.32	69.47	72.20	73.00	5.46	ppb
Cadmium	108-1	106.96	102.18	104.62	104.59	2.29	ppb
Calcium	43-1	1949.78	2020.21	1998.71	1989.57	1.81	ppb
Calcium	44-1	1929.40	1929.04	1928.75	1929.06	0.02	ppb
Chromium	52-2	97.40	96.40	96.08	96.62	0.71	ppb
Cobalt	59-2	100.05	99.84	100.46	100.12	0.32	ppb
Copper	63-2	98.38	97.33	99.87	98.52	1.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				96		%
Iron	56-2	1084.62	1071.23	1079.99	1078.61	0.63	ppb
Iron	57-2	1075.60	1097.22	1097.44	1090.08	1.15	ppb
Krypton	83-1						cps
Lead	206-1	196.39	194.52	195.33	195.42	0.48	ppb
Lead	207-1	183.43	183.32	181.61	182.79	0.56	ppb
Lead	208-1	187.18	185.68	186.01	186.29	0.42	ppb
Lithium	6-1				102		%
Magnesium	24-2	1279.50	1259.56	1246.42	1261.83	1.32	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	97.52	96.29	96.16	96.66	0.78	ppb
Molybdenum	94-1	1586.14	1600.16	1585.76	1590.69	0.52	ppb
Molybdenum	95-1	2367.98	2408.10	2399.40	2391.83	0.88	ppb
Molybdenum	96-1	2259.81	2315.56	2287.03	2287.47	1.22	ppb
Molybdenum	97-1	2271.41	2298.43	2278.91	2282.92	0.61	ppb
Molybdenum	98-1	2349.36	2375.39	2370.02	2364.92	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.58	101.97	101.77	101.77	0.19	ppb
Phosphorus	31-2	-23.01	-18.52	-28.73	-23.42		ppb
Potassium	39-2	2037.68	2060.01	1989.07	2028.92	1.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				97		%
Selenium	77-2	208.85	218.94	207.79	211.86	2.91	ppb
Selenium	78-2	194.55	190.97	187.48	191.00	1.85	ppb
Selenium	82-1	196.76	193.51	197.72	196.00	1.13	ppb
Silicon	28-1	7.78	9.21	11.35	9.45	18.98	ppb
Silver	109-1	103.69	100.89	100.07	101.55	1.87	ppb
Silver	107-1	101.50	101.27	99.11	100.63	1.31	ppb
Sodium	23-2	2004.81	2006.88	1998.53	2003.41	0.22	ppb
Strontium	86-1	2.41	1.85	2.31	2.19	13.70	ppb
Strontium	88-1	2.18	2.27	2.18	2.21	2.23	ppb
Sulfur	34-1	-671.28	-935.17	-924.69	-843.71		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	189.01	187.36	185.99	187.45	0.80	ppb
Thallium	205-1	186.57	184.87	184.51	185.32	0.60	ppb
Thorium	232-1	0.04	0.04	0.03	0.03	17.57	ppb
Tin	118-1	0.04	0.03	0.06	0.05	35.39	ppb
Titanium	47-1	2346.32	2348.86	2340.98	2345.39	0.17	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	95.11	93.85	95.05	94.67	0.75	ppb
Yttrium	89-1				101		%
Yttrium	89-2				96		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	193.06	194.87	191.99	193.31	0.75	ppb
Zirconium	90-1	0.07	0.07	0.04	0.06	25.00	ppb
Zirconium	91-1	0.22	0.18	0.17	0.19	12.97	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:26:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.79	0.46	0.46	0.04	1639.36	ppb
Antimony	121-1	0.19	0.15	0.14	0.16	15.78	ppb
Arsenic	75-1	0.14	-0.02	-0.03	0.03	329.15	ppb
Barium	135-1	-0.01	0.00	0.01	0.00		ppb
Barium	137-1	0.00	0.01	-0.02	0.00		ppb
Beryllium	9-1	0.05	0.08	0.04	0.05	35.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	4.10	3.69	4.51	4.10	10.02	ppb
Boron	11-1	3.48	3.60	3.56	3.55	1.74	ppb
Cadmium	111-1	-0.07	0.04	-0.05	-0.03		ppb
Cadmium	106-1	-0.77	0.54	-0.69	-0.31		ppb
Cadmium	108-1	0.11	0.03	0.03	0.06	88.09	ppb
Calcium	43-1	-2.86	-1.97	0.75	-1.36		ppb
Calcium	44-1	0.01	-1.12	0.78	-0.11		ppb
Chromium	52-2	0.00	0.03	0.01	0.01	107.23	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	74.43	ppb
Copper	63-2	0.04	0.04	0.02	0.03	32.97	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				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	0.19	0.02	0.19	0.13	72.67	ppb
Iron	57-2	0.03	-0.72	-0.36	-0.35		ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.05	0.04	0.04	16.72	ppb
Lead	207-1	0.04	0.02	0.04	0.03	30.31	ppb
Lead	208-1	0.04	0.03	0.04	0.03	17.32	ppb
Lithium	6-1				103		%
Magnesium	24-2	0.11	-0.01	-0.55	-0.15		ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:26:31 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.02	0.00	-0.03	-0.01		ppb
Molybdenum	94-1	0.40	0.49	0.19	0.36	42.15	ppb
Molybdenum	95-1	0.73	0.57	0.49	0.60	19.97	ppb
Molybdenum	96-1	0.70	0.51	0.49	0.57	21.16	ppb
Molybdenum	97-1	0.55	0.57	0.53	0.55	3.12	ppb
Molybdenum	98-1	0.52	0.50	0.39	0.47	14.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.01	0.00	-0.01		ppb
Phosphorus	31-2	-10.22	-25.00	-0.90	-12.04		ppb
Potassium	39-2	1.57	2.39	10.02	4.66	100.10	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				103		%
Scandium	45-2				105		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.17	0.93	0.94	0.57	112.08	ppb
Selenium	82-1	0.35	0.20	-0.23	0.11	278.54	ppb
Silicon	28-1	4.04	3.08	2.82	3.31	19.48	ppb
Silver	109-1	0.00	0.01	0.01	0.01	88.62	ppb
Silver	107-1	0.00	0.01	0.01	0.01	68.17	ppb
Sodium	23-2	6.82	6.86	7.45	7.04	4.95	ppb
Strontium	86-1	-0.03	-0.08	0.03	-0.03		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-668.50	-609.39	-584.19	-620.69		ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	0.02	0.05	0.03	0.04	43.37	ppb
Thallium	205-1	0.05	0.02	0.03	0.04	43.19	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	6.13	ppb
Tin	118-1	0.05	0.03	0.04	0.04	29.06	ppb
Titanium	47-1	0.24	0.15	0.21	0.20	21.77	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				102		%
Yttrium	89-2				103		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:26:31	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.03	0.05	-0.01	0.00	824.39	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00		ppb
Zirconium	91-1	0.01	0.00	0.00	0.01	93.40	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	94966.65	96403.61	95164.60	95511.62	0.82	ppb
Antimony	121-1	1.24	1.11	1.21	1.19	5.38	ppb
Arsenic	75-1	1.88	2.11	1.63	1.87	12.77	ppb
Barium	135-1	1.47	1.38	1.44	1.43	3.03	ppb
Barium	137-1	1.66	1.52	1.62	1.60	4.45	ppb
Beryllium	9-1	0.30	0.32	0.30	0.31	4.85	ppb
Bismuth	209-1				93		%
Bismuth	209-2				89		%
Boron	10-1	3.83	3.30	3.58	3.57	7.45	ppb
Boron	11-1	3.50	3.49	3.32	3.44	2.88	ppb
Cadmium	111-1	0.39	0.62	0.63	0.55	25.27	ppb
Cadmium	106-1	-1.46	-1.45	-2.18	-1.70		ppb
Cadmium	108-1	18.87	16.05	17.03	17.32	8.29	ppb
Calcium	43-1	102886.77	104382.61	103860.93	103710.10	0.73	ppb
Calcium	44-1	102444.33	103705.22	104194.26	103447.94	0.87	ppb
Chromium	52-2	20.45	20.85	20.26	20.52	1.48	ppb
Cobalt	59-2	1.20	1.24	1.23	1.22	1.49	ppb
Copper	63-2	7.36	7.73	7.69	7.59	2.68	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				101		%
Holmium	165-2				98		%
Indium	115-1				93		%
Indium	115-2				90		%
Iron	56-2	106769.27	108341.30	106805.53	107305.37	0.84	ppb
Iron	57-2	104983.47	107980.98	105308.11	106090.85	1.55	ppb
Krypton	83-1						cps
Lead	206-1	5.18	5.11	5.26	5.18	1.49	ppb
Lead	207-1	4.64	4.70	4.49	4.61	2.43	ppb
Lead	208-1	4.81	4.74	4.72	4.76	0.96	ppb
Lithium	6-1				93		%
Magnesium	24-2	104591.12	106224.75	104672.31	105162.73	0.88	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8.46	8.56	8.55	8.52	0.66	ppb
Molybdenum	94-1	1334.31	1335.16	1329.02	1332.83	0.25	ppb
Molybdenum	95-1	1928.31	1936.76	1935.30	1933.46	0.23	ppb
Molybdenum	96-1	1849.22	1853.00	1853.45	1851.89	0.13	ppb
Molybdenum	97-1	1964.83	1949.44	1966.52	1960.26	0.48	ppb
Molybdenum	98-1	1975.59	1990.13	1979.74	1981.82	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.89	6.28	5.43	5.53	12.64	ppb
Phosphorus	31-2	96076.36	95528.13	95537.43	95713.97	0.33	ppb
Potassium	39-2	103851.95	105265.70	104291.96	104469.87	0.69	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				93		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.17	1.15	2.33	1.21	89.14	ppb
Selenium	82-1	0.43	0.54	0.42	0.46	13.92	ppb
Silicon	28-1	23.74	24.87	24.30	24.30	2.31	ppb
Silver	109-1	0.04	0.05	0.04	0.04	22.09	ppb
Silver	107-1	0.05	0.05	0.03	0.05	22.83	ppb
Sodium	23-2	103789.67	105284.21	103241.72	104105.20	1.02	ppb
Strontium	86-1	35.22	34.71	35.11	35.01	0.76	ppb
Strontium	88-1	34.98	34.94	34.40	34.78	0.93	ppb
Sulfur	34-1	99856.81	100757.27	100958.48	100524.19	0.58	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	0.12	0.11	0.13	0.12	6.09	ppb
Thallium	205-1	0.10	0.12	0.15	0.12	21.35	ppb
Thorium	232-1	0.02	0.01	0.01	0.01	12.66	ppb
Tin	118-1	0.21	0.14	0.18	0.18	20.84	ppb
Titanium	47-1	2050.52	2071.28	2066.87	2062.89	0.53	ppb
Uranium	238-1	0.01	0.01	0.02	0.01	36.21	ppb
Vanadium	51-2	0.16	0.14	0.12	0.14	14.32	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	14.26	15.82	15.33	15.13	5.26	ppb
Zirconium	90-1	0.03	0.02	-0.01	0.01	128.72	ppb
Zirconium	91-1	0.05	0.01	0.05	0.04	54.58	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	96105.13	95303.59	94542.55	95317.09	0.82	ppb
Antimony	121-1	21.63	21.42	21.23	21.43	0.92	ppb
Arsenic	75-1	22.98	22.05	21.91	22.31	2.60	ppb
Barium	135-1	22.11	22.69	22.62	22.47	1.39	ppb
Barium	137-1	23.30	21.24	21.92	22.15	4.73	ppb
Beryllium	9-1	20.71	20.55	20.53	20.59	0.47	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	52.80	48.58	52.59	51.32	4.63	ppb
Boron	11-1	54.55	55.00	54.27	54.61	0.67	ppb
Cadmium	111-1	19.25	20.06	20.46	19.92	3.08	ppb
Cadmium	106-1	25.76	23.02	20.56	23.11	11.25	ppb
Cadmium	108-1	38.00	35.09	38.48	37.19	4.94	ppb
Calcium	43-1	104734.87	103459.89	103329.51	103841.42	0.75	ppb
Calcium	44-1	103135.00	103377.77	103556.98	103356.58	0.20	ppb
Chromium	52-2	40.74	40.29	40.44	40.49	0.56	ppb
Cobalt	59-2	22.20	21.25	21.66	21.70	2.20	ppb
Copper	63-2	27.74	27.23	27.63	27.53	0.96	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				94		%
Indium	115-2				91		%
Iron	56-2	107753.55	106272.59	106407.93	106811.36	0.77	ppb
Iron	57-2	105995.47	104718.36	105321.20	105345.01	0.61	ppb
Krypton	83-1						cps
Lead	206-1	27.52	27.76	27.64	27.64	0.42	ppb
Lead	207-1	24.49	24.54	24.25	24.43	0.64	ppb
Lead	208-1	25.28	25.38	25.20	25.29	0.35	ppb
Lithium	6-1				94		%
Magnesium	24-2	105293.31	104671.52	104437.09	104800.64	0.42	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	28.48	28.19	28.86	28.51	1.19	ppb
Molybdenum	94-1	1445.40	1441.61	1443.49	1443.50	0.13	ppb
Molybdenum	95-1	1967.41	1967.13	1979.72	1971.42	0.36	ppb
Molybdenum	96-1	1897.05	1889.27	1899.88	1895.40	0.29	ppb
Molybdenum	97-1	2000.27	2008.44	2005.49	2004.73	0.21	ppb
Molybdenum	98-1	2023.48	2027.16	2038.27	2029.64	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.27	26.29	24.17	25.24	4.21	ppb
Phosphorus	31-2	96524.01	94788.78	95261.96	95524.91	0.94	ppb
Potassium	39-2	105108.78	104025.19	103854.56	104329.51	0.65	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	16.87	9.19	22.92	16.33	42.15	ppb
Selenium	78-2	20.15	22.31	16.91	19.79	13.73	ppb
Selenium	82-1	18.97	19.66	18.74	19.12	2.51	ppb
Silicon	28-1	73.47	72.60	71.99	72.68	1.03	ppb
Silver	109-1	19.26	19.10	18.89	19.08	0.97	ppb
Silver	107-1	19.46	19.12	18.80	19.12	1.72	ppb
Sodium	23-2	103419.17	102880.43	102769.73	103023.11	0.34	ppb
Strontium	86-1	99.79	96.75	97.60	98.05	1.60	ppb
Strontium	88-1	98.04	97.50	98.68	98.07	0.60	ppb
Sulfur	34-1	100091.90	98937.45	98736.77	99255.37	0.74	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	21.13	21.37	21.06	21.19	0.76	ppb
Thallium	205-1	21.17	21.15	21.34	21.22	0.50	ppb
Thorium	232-1	0.21	0.20	0.18	0.20	7.95	ppb
Tin	118-1	53.00	53.53	54.01	53.51	0.95	ppb
Titanium	47-1	2103.09	2106.48	2097.04	2102.20	0.23	ppb
Uranium	238-1	55.37	55.38	55.72	55.49	0.36	ppb
Vanadium	51-2	20.91	19.79	20.36	20.35	2.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				94		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	30.80	30.18	29.08	30.02	2.90	ppb
Zirconium	90-1	53.70	53.53	54.24	53.82	0.69	ppb
Zirconium	91-1	53.14	53.95	54.24	53.78	1.06	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50511.92	49908.06	49967.10	50129.03	0.66	ppb
Antimony	121-1	517.29	517.39	516.37	517.02	0.11	ppb
Arsenic	75-1	511.98	512.63	504.39	509.67	0.90	ppb
Barium	135-1	2522.85	2538.01	2520.93	2527.26	0.37	ppb
Barium	137-1	2474.84	2586.54	2569.17	2543.52	2.36	ppb
Beryllium	9-1	491.53	495.03	491.86	492.81	0.39	ppb
Bismuth	209-1				91		%
Bismuth	209-2				87		%
Boron	10-1	479.90	482.15	482.00	481.35	0.26	ppb
Boron	11-1	489.37	491.27	495.89	492.18	0.68	ppb
Cadmium	111-1	491.39	489.02	489.54	489.98	0.25	ppb
Cadmium	106-1	490.26	485.99	482.37	486.20	0.81	ppb
Cadmium	108-1	480.74	491.24	481.06	484.35	1.23	ppb
Calcium	43-1	246267.01	247343.61	246575.69	246728.77	0.22	ppb
Calcium	44-1	247737.48	248117.24	249224.58	248359.77	0.31	ppb
Chromium	52-2	505.35	505.45	505.04	505.28	0.04	ppb
Cobalt	59-2	495.24	495.18	491.70	494.04	0.41	ppb
Copper	63-2	980.31	972.00	967.24	973.18	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				101		%
Holmium	165-2				97		%
Indium	115-1				91		%
Indium	115-2				88		%
Iron	56-2	128362.28	126857.99	126657.62	127292.63	0.73	ppb
Iron	57-2	130662.92	130197.37	130436.29	130432.19	0.18	ppb
Krypton	83-1						cps
Lead	206-1	518.62	515.18	516.56	516.79	0.34	ppb
Lead	207-1	511.57	503.81	505.85	507.08	0.79	ppb
Lead	208-1	506.38	501.41	501.61	503.13	0.56	ppb
Lithium	6-1				91		%
Magnesium	24-2	254616.79	249622.36	251539.64	251926.26	1.00	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	992.06	987.08	994.14	991.09	0.37	ppb
Molybdenum	94-1	2456.23	2477.70	2466.52	2466.82	0.44	ppb
Molybdenum	95-1	2531.93	2553.89	2545.44	2543.75	0.44	ppb
Molybdenum	96-1	2518.76	2559.09	2539.32	2539.06	0.79	ppb
Molybdenum	97-1	2438.71	2461.55	2457.70	2452.65	0.50	ppb
Molybdenum	98-1	2524.13	2544.95	2543.46	2537.51	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	487.15	481.81	482.83	483.93	0.59	ppb
Phosphorus	31-2	9861.58	9762.45	9436.93	9686.99	2.29	ppb
Potassium	39-2	127405.00	126467.11	125615.28	126495.80	0.71	ppb
Rhodium	103-1				84		%
Rhodium	103-2				84		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	519.90	536.09	536.76	530.92	1.80	ppb
Selenium	78-2	481.13	506.37	480.51	489.34	3.02	ppb
Selenium	82-1	488.59	491.16	492.21	490.65	0.38	ppb
Silicon	28-1	457.24	458.10	463.80	459.71	0.78	ppb
Silver	109-1	496.88	494.65	490.55	494.03	0.65	ppb
Silver	107-1	494.09	494.96	490.76	493.27	0.45	ppb
Sodium	23-2	251929.11	246389.58	247130.84	248483.18	1.21	ppb
Strontium	86-1	506.19	506.97	506.97	506.71	0.09	ppb
Strontium	88-1	508.29	510.69	505.89	508.29	0.47	ppb
Sulfur	34-1	9163.62	9383.49	9672.68	9406.60	2.71	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	510.54	505.46	504.14	506.72	0.67	ppb
Thallium	205-1	513.85	511.94	515.82	513.87	0.38	ppb
Thorium	232-1	515.19	514.39	512.90	514.16	0.23	ppb
Tin	118-1	491.04	490.46	493.79	491.76	0.36	ppb
Titanium	47-1	2529.71	2527.55	2525.11	2527.46	0.09	ppb
Uranium	238-1	511.63	511.35	506.28	509.75	0.59	ppb
Vanadium	51-2	508.26	504.42	504.80	505.83	0.42	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	936.18	921.58	925.72	927.83	0.81	ppb
Zirconium	90-1	497.68	502.07	499.89	499.88	0.44	ppb
Zirconium	91-1	514.37	516.47	515.37	515.40	0.20	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.19	2.14	2.91	2.41	17.95	ppb
Antimony	121-1	0.39	0.45	0.38	0.41	9.10	ppb
Arsenic	75-1	0.24	0.15	0.03	0.14	74.16	ppb
Barium	135-1	0.08	0.21	0.18	0.15	42.12	ppb
Barium	137-1	0.14	0.14	0.07	0.12	37.04	ppb
Beryllium	9-1	0.12	0.12	0.08	0.11	22.23	ppb
Bismuth	209-1				102		%
Bismuth	209-2				100		%
Boron	10-1	20.39	17.48	18.79	18.88	7.72	ppb
Boron	11-1	20.31	18.51	16.52	18.45	10.27	ppb
Cadmium	111-1	0.13	-0.11	-0.13	-0.04		ppb
Cadmium	106-1	1.09	-1.95	-2.23	-1.03		ppb
Cadmium	108-1	-0.06	-0.06	0.19	0.02	585.46	ppb
Calcium	43-1	14.48	11.98	9.33	11.93	21.56	ppb
Calcium	44-1	19.49	14.07	12.77	15.44	23.09	ppb
Chromium	52-2	0.03	0.04	0.01	0.03	73.03	ppb
Cobalt	59-2	0.00	0.02	0.01	0.01	99.77	ppb
Copper	63-2	0.12	0.18	0.10	0.13	29.63	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				103		%
Iron	56-2	6.04	4.79	5.08	5.31	12.35	ppb
Iron	57-2	3.61	4.21	5.01	4.28	16.40	ppb
Krypton	83-1						cps
Lead	206-1	0.10	0.11	0.11	0.11	7.45	ppb
Lead	207-1	0.09	0.08	0.10	0.09	10.10	ppb
Lead	208-1	0.10	0.10	0.10	0.10	4.65	ppb
Lithium	6-1				104		%
Magnesium	24-2	8.37	9.35	6.49	8.07	18.01	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.07	0.03	0.01	0.04	73.96	ppb
Molybdenum	94-1	0.56	0.51	0.33	0.47	26.38	ppb
Molybdenum	95-1	0.71	0.52	0.55	0.59	16.78	ppb
Molybdenum	96-1	0.61	0.59	0.58	0.59	2.58	ppb
Molybdenum	97-1	0.68	0.75	0.59	0.67	11.57	ppb
Molybdenum	98-1	0.66	0.61	0.53	0.60	10.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.02	0.04	0.02	174.23	ppb
Phosphorus	31-2	-10.72	-25.46	-10.94	-15.71		ppb
Potassium	39-2	25.50	15.48	15.65	18.88	30.37	ppb
Rhodium	103-1				103		%
Rhodium	103-2				104		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.92	1.53	-0.19	0.75	116.36	ppb
Selenium	82-1	0.27	-0.47	0.19	0.00		ppb
Silicon	28-1	3.97	3.85	4.17	3.99	4.06	ppb
Silver	109-1	0.07	0.04	0.04	0.05	26.34	ppb
Silver	107-1	0.07	0.09	0.06	0.07	18.25	ppb
Sodium	23-2	61.35	57.77	51.60	56.90	8.66	ppb
Strontium	86-1	0.03	0.08	-0.01	0.03	142.60	ppb
Strontium	88-1	0.03	0.03	0.02	0.03	25.94	ppb
Sulfur	34-1	-547.27	-364.67	-539.77	-483.90		ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.17	0.08	0.11	0.12	40.90	ppb
Thallium	205-1	0.14	0.11	0.10	0.12	18.18	ppb
Thorium	232-1	0.08	0.07	0.07	0.07	12.35	ppb
Tin	118-1	0.29	0.16	0.14	0.20	42.28	ppb
Titanium	47-1	0.31	0.23	0.17	0.23	29.96	ppb
Uranium	238-1	0.03	0.02	0.01	0.02	45.82	ppb
Vanadium	51-2	0.01	0.02	0.02	0.01	43.40	ppb
Yttrium	89-1				105		%
Yttrium	89-2				105		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.11	-0.07	-0.01	-0.06		ppb
Zirconium	90-1	0.06	0.04	0.05	0.05	26.91	ppb
Zirconium	91-1	0.04	0.10	0.06	0.07	40.10	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17.98	21.08	19.82	19.63	7.93	ppb
Antimony	121-1	1.95	2.07	2.11	2.04	4.08	ppb
Arsenic	75-1	1.40	1.23	0.63	1.08	37.39	ppb
Barium	135-1	10.68	10.66	9.72	10.36	5.30	ppb
Barium	137-1	10.35	9.92	9.87	10.05	2.63	ppb
Beryllium	9-1	1.11	1.15	1.12	1.13	1.65	ppb
Bismuth	209-1				103		%
Bismuth	209-2				101		%
Boron	10-1	31.58	30.39	30.26	30.74	2.36	ppb
Boron	11-1	30.47	32.10	31.25	31.27	2.62	ppb
Cadmium	111-1	1.05	1.07	1.08	1.07	1.75	ppb
Cadmium	106-1	1.52	1.08	1.22	1.27	17.81	ppb
Cadmium	108-1	0.76	0.84	1.01	0.87	14.67	ppb
Calcium	43-1	493.27	520.78	511.84	508.63	2.76	ppb
Calcium	44-1	500.58	500.06	498.65	499.76	0.20	ppb
Chromium	52-2	1.85	1.98	1.87	1.90	3.50	ppb
Cobalt	59-2	0.92	0.98	1.01	0.97	4.75	ppb
Copper	63-2	2.08	2.02	2.13	2.08	2.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				106		%
Indium	115-2				105		%
Iron	56-2	60.32	62.13	61.56	61.34	1.50	ppb
Iron	57-2	64.26	55.97	65.79	62.01	8.52	ppb
Krypton	83-1						cps
Lead	206-1	1.07	1.08	1.10	1.08	1.56	ppb
Lead	207-1	1.04	1.02	1.00	1.02	2.03	ppb
Lead	208-1	1.07	1.03	1.01	1.04	3.12	ppb
Lithium	6-1				107		%
Magnesium	24-2	538.23	552.03	552.60	547.62	1.49	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.04	1.05	1.00	1.03	2.45	ppb
Molybdenum	94-1	4.97	5.11	5.05	5.04	1.32	ppb
Molybdenum	95-1	5.35	5.21	5.12	5.23	2.23	ppb
Molybdenum	96-1	5.35	5.01	5.05	5.14	3.64	ppb
Molybdenum	97-1	5.18	5.35	5.33	5.29	1.73	ppb
Molybdenum	98-1	5.20	5.19	5.23	5.21	0.43	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.15	1.22	1.14	8.46	ppb
Phosphorus	31-2	38.28	24.54	28.89	30.57	22.96	ppb
Potassium	39-2	525.52	521.13	512.66	519.77	1.26	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				109		%
Scandium	45-2				111		%
Selenium	77-2	10.78	4.04	5.37	6.73	53.03	ppb
Selenium	78-2	6.00	5.36	4.70	5.35	12.18	ppb
Selenium	82-1	4.79	4.76	5.96	5.17	13.23	ppb
Silicon	28-1	10.72	10.48	9.80	10.33	4.59	ppb
Silver	109-1	1.10	1.04	1.07	1.07	2.50	ppb
Silver	107-1	1.07	1.05	1.13	1.08	3.88	ppb
Sodium	23-2	529.40	529.01	522.96	527.13	0.68	ppb
Strontium	86-1	0.81	0.87	0.99	0.89	10.35	ppb
Strontium	88-1	0.97	0.97	0.95	0.97	1.10	ppb
Sulfur	34-1	-35.52	4.38	7.21	-7.97		ppb
Terbium	159-1				108		%
Terbium	159-2				105		%
Thallium	203-1	0.98	1.03	1.00	1.00	2.65	ppb
Thallium	205-1	1.00	1.00	1.02	1.01	1.22	ppb
Thorium	232-1	0.88	0.87	0.83	0.86	3.08	ppb
Tin	118-1	5.40	5.20	5.16	5.25	2.43	ppb
Titanium	47-1	4.88	5.07	4.76	4.90	3.23	ppb
Uranium	238-1	0.85	0.89	0.89	0.88	2.56	ppb
Vanadium	51-2	5.23	4.85	4.95	5.01	3.92	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.63	2.50	3.12	2.75	11.93	ppb
Zirconium	90-1	0.94	0.98	0.97	0.97	2.17	ppb
Zirconium	91-1	0.98	0.89	1.04	0.97	8.01	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : PB120908BL Instrumnet Name : P7
 Client Sample ID : PB120908BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:48:09 DataFile Name : 020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.06	-0.30	-0.55	-0.31		ppb
Antimony	121-1	0.10	0.04	0.05	0.06	43.34	ppb
Arsenic	75-1	0.08	0.06	-0.02	0.04	135.03	ppb
Barium	135-1	0.00	0.03	0.00	0.01	195.51	ppb
Barium	137-1	-0.01	0.00	-0.01	-0.01		ppb
Beryllium	9-1	0.09	0.07	0.05	0.07	32.66	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	5.52	6.56	5.26	5.78	11.87	ppb
Boron	11-1	6.44	5.76	5.32	5.84	9.70	ppb
Cadmium	111-1	-0.17	0.02	0.11	-0.01		ppb
Cadmium	106-1	-2.21	0.10	1.41	-0.23		ppb
Cadmium	108-1	-0.06	-0.06	-0.06	-0.06		ppb
Calcium	43-1	-0.62	-1.32	-3.92	-1.95		ppb
Calcium	44-1	0.86	-0.37	2.63	1.04	144.56	ppb
Chromium	52-2	0.06	0.02	-0.01	0.02	160.71	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.05	0.12	0.11	0.09	43.38	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				105		%
Iron	56-2	0.84	0.85	0.53	0.74	24.65	ppb
Iron	57-2	1.00	1.70	0.23	0.98	75.04	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.03	0.03	0.04	19.39	ppb
Lead	207-1	0.04	0.04	0.03	0.04	16.43	ppb
Lead	208-1	0.04	0.04	0.03	0.04	22.62	ppb
Lithium	6-1				108		%
Magnesium	24-2	0.36	0.67	0.72	0.58	33.83	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BL	Instrumnet Name :	P7
Client Sample ID :	PB120908BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:48:09	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.00	0.00	-0.01	0.00		ppb
Molybdenum	94-1	0.09	0.05	0.07	0.07	28.86	ppb
Molybdenum	95-1	0.09	0.05	0.07	0.07	25.52	ppb
Molybdenum	96-1	0.07	0.10	0.10	0.09	20.96	ppb
Molybdenum	97-1	0.02	0.01	0.01	0.01	43.64	ppb
Molybdenum	98-1	0.09	0.03	0.03	0.05	72.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	0.00	-0.03	-0.02		ppb
Phosphorus	31-2	-20.93	-25.60	-26.03	-24.19		ppb
Potassium	39-2	2.23	3.53	5.62	3.79	45.15	ppb
Rhodium	103-1				105		%
Rhodium	103-2				105		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.52	1.49	0.65	1.22	40.44	ppb
Selenium	82-1	-0.02	0.27	-0.08	0.06	325.25	ppb
Silicon	28-1	3.67	2.13	2.07	2.63	34.64	ppb
Silver	109-1	0.01	0.02	0.00	0.01	104.18	ppb
Silver	107-1	0.01	0.00	0.02	0.01	71.97	ppb
Sodium	23-2	13.10	13.77	12.43	13.10	5.11	ppb
Strontium	86-1	-0.03	0.04	-0.07	-0.02		ppb
Strontium	88-1	0.00	0.00	-0.01	0.00		ppb
Sulfur	34-1	-487.35	-268.30	-393.72	-383.12		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.01	0.01	61.97	ppb
Thallium	205-1	0.04	0.03	0.03	0.03	14.11	ppb
Thorium	232-1	0.01	0.02	0.01	0.01	32.91	ppb
Tin	118-1	0.02	0.03	0.04	0.03	22.93	ppb
Titanium	47-1	0.00	0.08	0.04	0.04	93.24	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.00	0.00	0.00	251.89	ppb
Yttrium	89-1				108		%
Yttrium	89-2				107		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BL	Instrumnet Name :	P7
Client Sample ID :	PB120908BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:48:09	DataFile Name :	020CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.42	0.39	0.15	0.32	47.04	ppb
Zirconium	90-1	-0.02	0.00	0.01	0.00		ppb
Zirconium	91-1	0.06	-0.03	0.00	0.01	354.46	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10621.79	11029.74	10599.42	10750.32	2.25	ppb
Antimony	121-1	540.62	500.82	501.02	514.15	4.46	ppb
Arsenic	75-1	565.06	522.25	519.07	535.46	4.80	ppb
Barium	135-1	2682.16	2487.20	2499.06	2556.14	4.28	ppb
Barium	137-1	2733.87	2543.52	2574.12	2617.17	3.91	ppb
Beryllium	9-1	539.98	511.54	508.83	520.12	3.32	ppb
Bismuth	209-1				95		%
Bismuth	209-2				93		%
Boron	10-1	504.42	494.71	501.94	500.36	1.01	ppb
Boron	11-1	509.37	500.02	503.48	504.29	0.94	ppb
Cadmium	111-1	523.16	485.51	489.96	499.54	4.12	ppb
Cadmium	106-1	537.61	479.67	479.57	498.95	6.71	ppb
Cadmium	108-1	517.37	483.27	482.90	494.51	4.00	ppb
Calcium	43-1	56637.96	52772.35	52900.25	54103.52	4.06	ppb
Calcium	44-1	56211.58	52625.11	52836.68	53891.12	3.73	ppb
Chromium	52-2	516.11	524.18	509.18	516.49	1.45	ppb
Cobalt	59-2	517.16	525.61	512.08	518.28	1.32	ppb
Copper	63-2	984.25	1010.24	981.23	991.91	1.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				94		%
Iron	56-2	27595.90	28264.66	27365.84	27742.13	1.68	ppb
Iron	57-2	27796.53	28123.23	27666.38	27862.04	0.84	ppb
Krypton	83-1						cps
Lead	206-1	552.94	520.14	522.61	531.90	3.43	ppb
Lead	207-1	537.10	507.87	504.56	516.51	3.47	ppb
Lead	208-1	546.79	512.65	513.83	524.42	3.70	ppb
Lithium	6-1				97		%
Magnesium	24-2	53662.57	55117.10	53313.59	54031.09	1.77	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1025.86	1051.14	1022.79	1033.26	1.51	ppb
Molybdenum	94-1	2662.85	2502.91	2481.53	2549.10	3.89	ppb
Molybdenum	95-1	2784.97	2609.71	2605.27	2666.65	3.84	ppb
Molybdenum	96-1	2769.85	2604.18	2584.09	2652.70	3.84	ppb
Molybdenum	97-1	2657.34	2471.80	2469.00	2532.71	4.26	ppb
Molybdenum	98-1	2774.68	2598.31	2585.88	2652.96	3.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	518.91	532.43	518.54	523.29	1.51	ppb
Phosphorus	31-2	10452.11	10536.36	10132.07	10373.51	2.06	ppb
Potassium	39-2	26920.70	27734.53	26923.14	27192.79	1.73	ppb
Rhodium	103-1				91		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	482.35	550.82	516.35	516.51	6.63	ppb
Selenium	78-2	506.82	516.89	511.70	511.81	0.98	ppb
Selenium	82-1	553.34	513.61	521.06	529.34	3.99	ppb
Silicon	28-1	508.33	479.83	476.42	488.19	3.59	ppb
Silver	109-1	531.29	495.76	497.19	508.08	3.96	ppb
Silver	107-1	530.67	494.29	496.60	507.19	4.02	ppb
Sodium	23-2	53138.74	54363.50	52658.56	53386.93	1.65	ppb
Strontium	86-1	552.69	514.81	510.19	525.90	4.43	ppb
Strontium	88-1	554.54	517.11	515.92	529.19	4.15	ppb
Sulfur	34-1	10833.66	9793.99	9603.87	10077.17	6.57	ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	543.28	513.81	509.82	522.30	3.50	ppb
Thallium	205-1	556.36	525.20	524.13	535.23	3.42	ppb
Thorium	232-1	529.14	497.27	501.61	509.34	3.39	ppb
Tin	118-1	545.02	504.12	501.13	516.76	4.75	ppb
Titanium	47-1	2744.22	2571.67	2557.84	2624.58	3.96	ppb
Uranium	238-1	520.84	491.01	491.44	501.10	3.41	ppb
Vanadium	51-2	516.21	524.00	511.00	517.07	1.26	ppb
Yttrium	89-1				97		%
Yttrium	89-2				96		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	978.02	991.54	960.68	976.75	1.58	ppb
Zirconium	90-1	536.64	499.13	499.52	511.76	4.21	ppb
Zirconium	91-1	553.84	518.01	519.05	530.30	3.85	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.84	1.28	2.85	1.99	39.91	ppb
Antimony	121-1	0.44	0.42	0.50	0.45	9.20	ppb
Arsenic	75-1	1.78	1.46	2.33	1.86	23.66	ppb
Barium	135-1	202.37	200.20	194.91	199.16	1.93	ppb
Barium	137-1	201.09	201.71	198.02	200.27	0.99	ppb
Beryllium	9-1	0.15	0.14	0.15	0.15	5.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				96		%
Boron	10-1	114.50	116.97	114.14	115.21	1.34	ppb
Boron	11-1	114.88	118.21	116.97	116.69	1.44	ppb
Cadmium	111-1	0.13	0.18	-0.08	0.07	185.19	ppb
Cadmium	106-1	0.38	-0.40	-2.16	-0.72		ppb
Cadmium	108-1	0.20	0.03	0.03	0.08	119.44	ppb
Calcium	43-1	51037.17	50406.49	51104.17	50849.28	0.76	ppb
Calcium	44-1	50953.26	50717.09	51562.40	51077.59	0.85	ppb
Chromium	52-2	0.59	0.49	0.52	0.54	9.79	ppb
Cobalt	59-2	0.06	0.05	0.05	0.05	6.90	ppb
Copper	63-2	4.37	4.74	4.77	4.63	4.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	29.20	28.70	28.83	28.91	0.90	ppb
Iron	57-2	223.25	229.36	205.12	219.24	5.75	ppb
Krypton	83-1						cps
Lead	206-1	0.22	0.19	0.21	0.21	7.37	ppb
Lead	207-1	0.24	0.19	0.21	0.22	12.20	ppb
Lead	208-1	0.22	0.20	0.20	0.20	6.01	ppb
Lithium	6-1				100		%
Magnesium	24-2	9899.40	9767.89	9799.74	9822.34	0.70	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.59	0.68	0.69	0.65	8.06	ppb
Molybdenum	94-1	1.01	0.84	0.88	0.91	9.52	ppb
Molybdenum	95-1	1.10	0.95	0.88	0.98	11.30	ppb
Molybdenum	96-1	1.25	0.99	0.86	1.03	18.99	ppb
Molybdenum	97-1	1.27	1.03	1.04	1.11	12.25	ppb
Molybdenum	98-1	1.03	1.03	1.00	1.02	1.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.16	0.16	0.13	0.15	10.60	ppb
Phosphorus	31-2	1.30	-14.28	10.88	-0.70		ppb
Potassium	39-2	1026.95	1032.80	1019.44	1026.40	0.65	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	0.00	1.43	0.00	0.48	173.21	ppb
Selenium	78-2	1.47	1.66	1.91	1.68	12.95	ppb
Selenium	82-1	1.41	1.48	0.29	1.06	63.03	ppb
Silicon	28-1	8611.89	8567.56	8726.68	8635.37	0.95	ppb
Silver	109-1	0.08	0.05	0.05	0.06	22.34	ppb
Silver	107-1	0.10	0.06	0.06	0.07	25.09	ppb
Sodium	23-2	12882.56	12821.87	12748.40	12817.61	0.52	ppb
Strontium	86-1	148.54	148.96	150.17	149.22	0.57	ppb
Strontium	88-1	149.51	148.55	149.95	149.34	0.48	ppb
Sulfur	34-1	15146.06	14892.67	15454.48	15164.40	1.86	ppb
Terbium	159-1				104		%
Terbium	159-2				100		%
Thallium	203-1	0.11	0.12	0.10	0.11	9.85	ppb
Thallium	205-1	0.15	0.13	0.12	0.13	10.81	ppb
Thorium	232-1	0.14	0.12	0.10	0.12	16.25	ppb
Tin	118-1	0.14	0.13	0.10	0.12	16.10	ppb
Titanium	47-1	1.37	1.28	1.26	1.30	4.31	ppb
Uranium	238-1	0.86	0.89	0.84	0.86	2.53	ppb
Vanadium	51-2	8.16	8.21	8.09	8.15	0.75	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	47.99	49.04	50.63	49.22	2.70	ppb
Zirconium	90-1	0.09	0.05	0.05	0.06	34.43	ppb
Zirconium	91-1	0.04	0.00	0.08	0.04	96.31	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3515-01	Instrumnet Name :	P7
Client Sample ID :	390614016-CASE-94-19\	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:59:26	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.57	0.88	1.05	1.17	31.19	ppb
Antimony	121-1	0.16	0.12	0.15	0.15	12.54	ppb
Arsenic	75-1	2.88	2.71	2.93	2.84	4.04	ppb
Barium	135-1	159.44	156.58	164.80	160.27	2.60	ppb
Barium	137-1	159.84	153.61	161.93	158.46	2.73	ppb
Beryllium	9-1	0.06	0.06	0.10	0.07	27.65	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	164.19	163.69	178.11	168.66	4.85	ppb
Boron	11-1	166.67	169.42	174.99	170.36	2.49	ppb
Cadmium	111-1	-0.08	-0.12	-0.24	-0.15		ppb
Cadmium	106-1	-0.98	-1.53	-2.86	-1.79		ppb
Cadmium	108-1	-0.06	-0.06	0.21	0.03	526.90	ppb
Calcium	43-1	61616.60	61550.57	63475.77	62214.31	1.76	ppb
Calcium	44-1	61550.90	62091.42	64685.30	62775.87	2.67	ppb
Chromium	52-2	0.51	0.37	0.46	0.45	16.29	ppb
Cobalt	59-2	0.04	0.01	0.03	0.03	54.22	ppb
Copper	63-2	8.52	8.21	9.63	8.79	8.46	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				103		%
Holmium	165-2				105		%
Indium	115-1				98		%
Indium	115-2				103		%
Iron	56-2	1.77	1.72	1.91	1.80	5.50	ppb
Iron	57-2	198.65	200.35	234.84	211.28	9.67	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.33	0.36	0.32	10.33	ppb
Lead	207-1	0.22	0.25	0.29	0.25	13.06	ppb
Lead	208-1	0.27	0.29	0.31	0.29	7.10	ppb
Lithium	6-1				101		%
Magnesium	24-2	21791.62	21316.36	24152.00	22419.99	6.77	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3515-01 Instrumnet Name : P7
 Client Sample ID : 390614016-CASE-94-19\ Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:59:26 DataFile Name : 023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.14	0.13	0.13	0.13	3.22	ppb
Molybdenum	94-1	1.57	1.73	1.93	1.74	10.42	ppb
Molybdenum	95-1	2.57	2.61	2.66	2.62	1.74	ppb
Molybdenum	96-1	2.52	2.48	2.64	2.55	3.37	ppb
Molybdenum	97-1	2.65	2.41	2.84	2.63	8.16	ppb
Molybdenum	98-1	2.43	2.52	2.67	2.54	4.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.10	0.14	0.27	0.17	52.67	ppb
Phosphorus	31-2	-7.81	29.15	-24.04	-0.90		ppb
Potassium	39-2	1568.99	1551.38	1728.55	1616.31	6.04	ppb
Rhodium	103-1				96		%
Rhodium	103-2				101		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.86	1.28	1.02	1.39	30.64	ppb
Selenium	82-1	1.24	1.06	0.47	0.92	44.00	ppb
Silicon	28-1	8427.84	8449.06	8802.17	8559.69	2.46	ppb
Silver	109-1	0.01	0.00	0.02	0.01	159.93	ppb
Silver	107-1	0.01	0.01	0.00	0.01	87.19	ppb
Sodium	23-2	12353.26	12158.25	13670.01	12727.18	6.46	ppb
Strontium	86-1	2006.05	1996.83	2095.80	2032.89	2.69	ppb
Strontium	88-1	2093.63	2111.03	2205.76	2136.81	2.82	ppb
Sulfur	34-1	6581.18	6471.38	7359.70	6804.09	7.12	ppb
Terbium	159-1				103		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.03	0.02	0.02	21.18	ppb
Thallium	205-1	0.02	0.03	0.01	0.02	39.75	ppb
Thorium	232-1	0.03	0.03	0.02	0.03	13.55	ppb
Tin	118-1	0.07	0.11	0.09	0.09	23.14	ppb
Titanium	47-1	0.93	0.89	0.76	0.86	10.25	ppb
Uranium	238-1	5.62	5.71	5.76	5.70	1.22	ppb
Vanadium	51-2	6.55	6.46	7.11	6.71	5.31	ppb
Yttrium	89-1				99		%
Yttrium	89-2				105		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3515-01	Instrumnet Name :	P7
Client Sample ID :	390614016-CASE-94-19\	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:59:26	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	8.87	9.61	9.03	9.17	4.28	ppb
Zirconium	90-1	0.02	0.02	0.00	0.01	76.21	ppb
Zirconium	91-1	0.06	0.02	0.01	0.03	82.01	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	65.54	70.99	68.37	68.30	3.99	ppb
Antimony	121-1	0.05	0.09	0.09	0.08	28.65	ppb
Arsenic	75-1	1.34	1.08	1.11	1.18	12.03	ppb
Barium	135-1	341.30	341.49	334.19	338.99	1.23	ppb
Barium	137-1	340.92	338.52	332.04	337.16	1.36	ppb
Beryllium	9-1	0.04	0.07	0.03	0.05	43.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	62.49	67.21	67.58	65.76	4.32	ppb
Boron	11-1	67.02	68.62	68.53	68.06	1.32	ppb
Cadmium	111-1	-0.17	-0.32	-0.24	-0.24		ppb
Cadmium	106-1	-2.18	-3.82	-3.10	-3.03		ppb
Cadmium	108-1	0.03	-0.06	-0.06	-0.03		ppb
Calcium	43-1	54925.72	54997.53	55701.55	55208.27	0.78	ppb
Calcium	44-1	55268.71	55794.69	56351.08	55804.83	0.97	ppb
Chromium	52-2	0.55	0.47	0.74	0.59	23.71	ppb
Cobalt	59-2	0.09	0.06	0.08	0.07	18.72	ppb
Copper	63-2	20.34	20.21	20.84	20.46	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				97		%
Iron	56-2	53.58	54.17	57.00	54.92	3.33	ppb
Iron	57-2	252.09	243.97	255.27	250.44	2.33	ppb
Krypton	83-1						cps
Lead	206-1	0.39	0.43	0.42	0.41	5.37	ppb
Lead	207-1	0.41	0.37	0.41	0.40	5.52	ppb
Lead	208-1	0.39	0.38	0.41	0.39	3.67	ppb
Lithium	6-1				100		%
Magnesium	24-2	9826.53	9710.81	9771.01	9769.45	0.59	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5.99	6.03	6.23	6.08	2.14	ppb
Molybdenum	94-1	0.10	0.13	0.09	0.11	19.89	ppb
Molybdenum	95-1	0.11	0.07	0.06	0.08	31.72	ppb
Molybdenum	96-1	0.15	0.17	0.06	0.13	44.03	ppb
Molybdenum	97-1	0.14	0.13	0.06	0.11	39.80	ppb
Molybdenum	98-1	0.09	0.06	0.09	0.08	22.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.67	0.68	0.68	0.67	0.89	ppb
Phosphorus	31-2	31.63	40.14	31.00	34.26	14.90	ppb
Potassium	39-2	1164.73	1131.01	1140.71	1145.49	1.52	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				101		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.32	1.70	-0.14	0.63	153.02	ppb
Selenium	82-1	0.73	0.30	-0.12	0.31	138.78	ppb
Silicon	28-1	10505.57	10593.53	10761.90	10620.33	1.23	ppb
Silver	109-1	0.01	0.01	0.00	0.01	53.43	ppb
Silver	107-1	0.02	0.03	0.01	0.02	59.36	ppb
Sodium	23-2	18638.13	18225.62	18366.84	18410.20	1.14	ppb
Strontium	86-1	107.62	106.65	109.46	107.91	1.32	ppb
Strontium	88-1	108.52	108.45	108.12	108.36	0.20	ppb
Sulfur	34-1	3815.84	4000.29	3821.57	3879.23	2.70	ppb
Terbium	159-1				105		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	32.21	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	38.23	ppb
Thorium	232-1	0.02	0.03	0.03	0.03	18.31	ppb
Tin	118-1	0.58	0.67	0.58	0.61	8.60	ppb
Titanium	47-1	2.86	2.52	2.40	2.59	9.29	ppb
Uranium	238-1	0.79	0.78	0.77	0.78	1.46	ppb
Vanadium	51-2	3.11	2.85	2.76	2.91	6.12	ppb
Yttrium	89-1				101		%
Yttrium	89-2				99		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	15.22	15.17	15.78	15.39	2.20	ppb
Zirconium	90-1	0.04	0.04	0.01	0.03	54.76	ppb
Zirconium	91-1	0.06	0.06	0.09	0.07	27.37	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01 Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:06:39 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	153.60	158.40	156.96	156.32	1.58	ppb
Antimony	121-1	0.05	0.06	0.08	0.07	22.84	ppb
Arsenic	75-1	1.50	1.23	1.56	1.43	12.15	ppb
Barium	135-1	357.40	349.02	353.22	353.21	1.19	ppb
Barium	137-1	355.40	350.64	350.09	352.04	0.83	ppb
Beryllium	9-1	0.06	0.06	0.08	0.07	13.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	62.45	67.15	65.10	64.90	3.64	ppb
Boron	11-1	64.41	65.21	66.49	65.37	1.61	ppb
Cadmium	111-1	-0.07	0.03	-0.19	-0.08		ppb
Cadmium	106-1	-1.37	-0.11	-2.60	-1.36		ppb
Cadmium	108-1	0.11	0.03	-0.06	0.03	331.34	ppb
Calcium	43-1	51955.72	51583.07	51049.68	51529.49	0.88	ppb
Calcium	44-1	51952.75	51973.38	52211.92	52046.02	0.28	ppb
Chromium	52-2	0.84	0.88	0.82	0.85	3.11	ppb
Cobalt	59-2	0.08	0.08	0.11	0.09	17.12	ppb
Copper	63-2	59.10	60.42	59.59	59.71	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	94.48	91.80	89.91	92.06	2.49	ppb
Iron	57-2	278.08	275.14	271.39	274.87	1.22	ppb
Krypton	83-1						cps
Lead	206-1	7.79	7.95	7.99	7.91	1.35	ppb
Lead	207-1	7.09	7.09	7.31	7.16	1.76	ppb
Lead	208-1	7.43	7.43	7.48	7.45	0.38	ppb
Lithium	6-1				98		%
Magnesium	24-2	9796.68	9789.07	9759.13	9781.63	0.20	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01 Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:06:39 DataFile Name : 025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	3.08	3.08	2.79	2.98	5.66	ppb
Molybdenum	94-1	0.05	0.10	0.09	0.08	33.11	ppb
Molybdenum	95-1	0.06	0.03	0.09	0.06	50.23	ppb
Molybdenum	96-1	0.08	0.07	0.10	0.09	19.11	ppb
Molybdenum	97-1	0.07	0.13	0.12	0.10	29.59	ppb
Molybdenum	98-1	0.05	0.07	0.07	0.07	23.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.84	0.79	0.75	0.79	5.13	ppb
Phosphorus	31-2	83.28	69.13	78.11	76.84	9.32	ppb
Potassium	39-2	1158.52	1207.56	1174.90	1180.33	2.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				99		%
Selenium	77-2	0.00	2.96	1.48	1.48	100.14	ppb
Selenium	78-2	1.05	0.11	0.11	0.42	129.19	ppb
Selenium	82-1	0.48	0.53	0.39	0.47	15.51	ppb
Silicon	28-1	10805.30	10910.37	10848.42	10854.70	0.49	ppb
Silver	109-1	0.00	0.00	-0.01	0.00		ppb
Silver	107-1	0.00	0.02	0.01	0.01	91.42	ppb
Sodium	23-2	17417.19	17567.25	17329.23	17437.89	0.69	ppb
Strontium	86-1	109.52	111.05	111.60	110.72	0.97	ppb
Strontium	88-1	110.25	110.16	111.11	110.51	0.47	ppb
Sulfur	34-1	4588.66	4477.74	4482.29	4516.23	1.39	ppb
Terbium	159-1				105		%
Terbium	159-2				98		%
Thallium	203-1	0.00	0.01	0.02	0.01	94.47	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	19.86	ppb
Thorium	232-1	0.03	0.04	0.03	0.03	21.98	ppb
Tin	118-1	0.31	0.22	0.31	0.28	18.74	ppb
Titanium	47-1	4.33	3.52	3.26	3.70	15.09	ppb
Uranium	238-1	0.81	0.87	0.90	0.86	5.49	ppb
Vanadium	51-2	4.61	4.86	4.88	4.78	3.19	ppb
Yttrium	89-1				100		%
Yttrium	89-2				98		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:06:39	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	39.24	39.17	38.60	39.00	0.90	ppb
Zirconium	90-1	0.06	0.04	0.04	0.05	15.26	ppb
Zirconium	91-1	0.08	0.05	0.07	0.07	26.92	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01DUP Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:10:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100.63	112.38	105.07	106.03	5.59	ppb
Antimony	121-1	0.05	0.07	0.07	0.06	14.00	ppb
Arsenic	75-1	1.14	1.59	1.67	1.47	19.44	ppb
Barium	135-1	356.88	352.64	352.90	354.14	0.67	ppb
Barium	137-1	354.97	354.27	350.34	353.19	0.71	ppb
Beryllium	9-1	0.07	0.10	0.06	0.08	25.68	ppb
Bismuth	209-1				97		%
Bismuth	209-2				94		%
Boron	10-1	63.44	60.85	63.44	62.57	2.39	ppb
Boron	11-1	60.34	63.16	63.73	62.41	2.91	ppb
Cadmium	111-1	0.08	0.07	-0.10	0.02	634.09	ppb
Cadmium	106-1	0.22	0.81	-1.64	-0.20		ppb
Cadmium	108-1	-0.06	0.11	0.03	0.03	323.38	ppb
Calcium	43-1	50726.91	50648.88	52058.77	51144.85	1.55	ppb
Calcium	44-1	51423.97	52197.68	52724.41	52115.35	1.26	ppb
Chromium	52-2	0.76	0.80	0.67	0.74	8.66	ppb
Cobalt	59-2	0.13	0.10	0.09	0.11	22.65	ppb
Copper	63-2	59.98	59.61	60.93	60.17	1.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	93.20	91.81	91.93	92.31	0.83	ppb
Iron	57-2	286.96	299.95	299.51	295.47	2.50	ppb
Krypton	83-1						cps
Lead	206-1	8.14	7.79	8.18	8.04	2.62	ppb
Lead	207-1	7.61	7.25	7.16	7.34	3.25	ppb
Lead	208-1	7.56	7.43	7.42	7.47	1.03	ppb
Lithium	6-1				97		%
Magnesium	24-2	9905.65	9872.54	9935.34	9904.51	0.32	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01DUP Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:10:16 DataFile Name : 026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2.97	3.04	3.10	3.04	2.13	ppb
Molybdenum	94-1	0.16	0.13	0.14	0.14	8.00	ppb
Molybdenum	95-1	0.01	0.09	0.07	0.06	67.22	ppb
Molybdenum	96-1	0.07	0.06	0.09	0.07	22.73	ppb
Molybdenum	97-1	0.12	0.05	0.09	0.09	40.84	ppb
Molybdenum	98-1	0.07	0.08	0.08	0.08	12.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.80	0.69	0.75	7.85	ppb
Phosphorus	31-2	105.90	106.53	54.00	88.81	33.94	ppb
Potassium	39-2	1177.80	1173.95	1186.60	1179.45	0.55	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.58	0.11	0.57	0.42	63.11	ppb
Selenium	82-1	1.10	0.66	0.14	0.63	75.45	ppb
Silicon	28-1	10729.68	10921.12	11043.25	10898.02	1.45	ppb
Silver	109-1	0.00	0.01	0.01	0.00	94.03	ppb
Silver	107-1	0.01	0.01	0.01	0.01	0.23	ppb
Sodium	23-2	17583.67	17568.72	17626.33	17592.91	0.17	ppb
Strontium	86-1	110.08	109.41	110.08	109.86	0.36	ppb
Strontium	88-1	109.65	111.15	110.70	110.50	0.70	ppb
Sulfur	34-1	4886.32	4840.66	5109.14	4945.37	2.90	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.01	0.00	0.01	85.42	ppb
Thallium	205-1	0.01	0.01	0.02	0.01	59.93	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.95	ppb
Tin	118-1	0.28	0.23	0.20	0.24	16.87	ppb
Titanium	47-1	4.70	3.19	3.24	3.71	23.09	ppb
Uranium	238-1	0.87	0.91	0.84	0.87	3.92	ppb
Vanadium	51-2	4.54	4.71	4.69	4.65	2.00	ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01DUP	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:10:16	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	37.46	37.54	37.02	37.34	0.75	ppb
Zirconium	90-1	0.04	0.08	0.05	0.06	37.73	ppb
Zirconium	91-1	0.07	0.04	0.06	0.06	24.29	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01LX5 Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 5
 Date & Time Acquired :: 2019-06-26 12:13:53 DataFile Name : 027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.29	21.46	17.93	19.23	10.10	ppb
Antimony	121-1	0.02	0.03	0.04	0.03	29.71	ppb
Arsenic	75-1	0.35	0.42	0.45	0.41	13.09	ppb
Barium	135-1	72.10	71.49	70.81	71.47	0.91	ppb
Barium	137-1	72.71	69.81	69.04	70.52	2.75	ppb
Beryllium	9-1	0.03	0.00	0.04	0.02	84.25	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	17.99	17.09	17.46	17.51	2.59	ppb
Boron	11-1	18.66	17.40	17.35	17.80	4.16	ppb
Cadmium	111-1	-0.16	-0.09	0.02	-0.08		ppb
Cadmium	106-1	-2.16	-1.11	0.20	-1.02		ppb
Cadmium	108-1	0.03	0.11	-0.06	0.03	322.42	ppb
Calcium	43-1	10169.47	10194.05	10188.30	10183.94	0.13	ppb
Calcium	44-1	9898.26	10017.96	9974.86	9963.69	0.61	ppb
Chromium	52-2	0.15	0.15	0.11	0.14	19.18	ppb
Cobalt	59-2	0.00	0.00	0.01	0.01	93.27	ppb
Copper	63-2	12.47	12.11	11.73	12.10	3.08	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				103		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				95		%
Iron	56-2	18.26	18.91	20.06	19.08	4.76	ppb
Iron	57-2	62.53	44.67	48.07	51.76	18.33	ppb
Krypton	83-1						cps
Lead	206-1	1.56	1.49	1.66	1.57	5.25	ppb
Lead	207-1	1.60	1.47	1.36	1.48	8.37	ppb
Lead	208-1	1.57	1.46	1.45	1.49	4.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	1991.47	2025.29	1966.81	1994.52	1.47	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01LX5	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-06-26 12:13:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.64	0.62	0.60	0.62	3.84	ppb
Molybdenum	94-1	0.01	0.05	0.04	0.03	64.33	ppb
Molybdenum	95-1	0.04	0.04	0.02	0.03	25.76	ppb
Molybdenum	96-1	0.02	0.07	0.07	0.05	56.16	ppb
Molybdenum	97-1	0.03	0.01	0.02	0.02	47.03	ppb
Molybdenum	98-1	0.02	0.02	0.01	0.02	22.76	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.21	0.23	0.17	0.20	17.25	ppb
Phosphorus	31-2	8.35	-2.87	17.68	7.72	133.35	ppb
Potassium	39-2	229.84	243.67	241.51	238.34	3.12	ppb
Rhodium	103-1				96		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	1.49	0.00	0.00	0.50	173.21	ppb
Selenium	78-2	0.12	1.33	-0.35	0.37	237.37	ppb
Selenium	82-1	0.33	0.36	0.21	0.30	27.34	ppb
Silicon	28-1	2118.09	2141.06	2154.33	2137.83	0.86	ppb
Silver	109-1	0.01	-0.01	0.00	0.00	880.06	ppb
Silver	107-1	0.00	0.00	0.00	0.00	99.23	ppb
Sodium	23-2	3620.82	3563.35	3554.44	3579.54	1.01	ppb
Strontium	86-1	21.85	21.76	22.11	21.91	0.83	ppb
Strontium	88-1	22.09	22.37	22.06	22.17	0.79	ppb
Sulfur	34-1	3.14	-30.89	35.50	2.58	1285.84	ppb
Terbium	159-1				103		%
Terbium	159-2				96		%
Thallium	203-1	0.00	0.00	-0.01	0.00		ppb
Thallium	205-1	0.01	0.01	0.01	0.01	13.46	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	10.87	ppb
Tin	118-1	0.08	0.11	0.16	0.12	35.22	ppb
Titanium	47-1	0.50	1.15	0.84	0.83	39.16	ppb
Uranium	238-1	0.17	0.16	0.16	0.16	3.35	ppb
Vanadium	51-2	1.00	0.89	0.98	0.96	6.41	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01LX5	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-06-26 12:13:53	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	7.81	8.64	8.88	8.44	6.64	ppb
Zirconium	90-1	-0.01	0.01	-0.01	0.00		ppb
Zirconium	91-1	0.01	-0.01	-0.03	-0.01		ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01MS Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:17:28 DataFile Name : 028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2094.55	2116.59	2068.42	2093.19	1.15	ppb
Antimony	121-1	753.56	759.10	750.30	754.32	0.59	ppb
Arsenic	75-1	755.65	758.62	746.60	753.62	0.83	ppb
Barium	135-1	538.83	536.45	539.41	538.23	0.29	ppb
Barium	137-1	538.97	535.43	534.20	536.20	0.46	ppb
Beryllium	9-1	189.58	189.24	190.51	189.78	0.35	ppb
Bismuth	209-1				94		%
Bismuth	209-2				92		%
Boron	10-1	328.63	332.05	326.32	329.00	0.88	ppb
Boron	11-1	331.76	332.57	336.75	333.69	0.80	ppb
Cadmium	111-1	185.41	185.73	184.80	185.31	0.25	ppb
Cadmium	106-1	146.22	143.41	138.04	142.56	2.92	ppb
Cadmium	108-1	155.95	158.47	156.14	156.85	0.89	ppb
Calcium	43-1	50886.41	51035.11	51539.49	51153.67	0.67	ppb
Calcium	44-1	51290.12	51668.47	52035.51	51664.70	0.72	ppb
Chromium	52-2	400.07	401.12	401.61	400.93	0.20	ppb
Cobalt	59-2	200.48	202.76	200.74	201.33	0.62	ppb
Copper	63-2	356.50	359.16	355.66	357.11	0.51	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				90		%
Iron	56-2	3334.21	3350.73	3336.02	3340.32	0.27	ppb
Iron	57-2	3560.26	3591.79	3555.21	3569.09	0.56	ppb
Krypton	83-1						cps
Lead	206-1	1000.53	989.90	1002.41	997.61	0.68	ppb
Lead	207-1	950.22	952.49	947.10	949.94	0.29	ppb
Lead	208-1	992.45	995.91	999.98	996.11	0.38	ppb
Lithium	6-1				96		%
Magnesium	24-2	11571.29	11536.83	11571.86	11559.99	0.17	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MS	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:17:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	203.79	205.43	204.85	204.69	0.41	ppb
Molybdenum	94-1	270.03	270.06	264.14	268.08	1.27	ppb
Molybdenum	95-1	393.71	389.72	391.76	391.73	0.51	ppb
Molybdenum	96-1	374.91	375.17	375.12	375.07	0.04	ppb
Molybdenum	97-1	398.99	394.00	389.77	394.26	1.17	ppb
Molybdenum	98-1	388.36	381.61	379.26	383.08	1.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.22	510.08	504.42	507.91	0.60	ppb
Phosphorus	31-2	6155.52	5580.98	5811.27	5849.26	4.94	ppb
Potassium	39-2	11556.13	11455.60	11525.50	11512.41	0.45	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				92		%
Scandium	45-2				93		%
Selenium	77-2	2106.05	2070.38	2002.04	2059.49	2.57	ppb
Selenium	78-2	1940.76	1999.48	1965.46	1968.57	1.50	ppb
Selenium	82-1	1949.61	1951.82	1942.89	1948.11	0.24	ppb
Silicon	28-1	11397.73	11486.08	11542.37	11475.39	0.64	ppb
Silver	109-1	74.38	74.21	72.39	73.66	1.50	ppb
Silver	107-1	74.03	73.64	73.22	73.63	0.55	ppb
Sodium	23-2	20730.00	20692.77	20658.92	20693.90	0.17	ppb
Strontium	86-1	300.38	306.34	305.38	304.03	1.05	ppb
Strontium	88-1	298.19	297.11	298.04	297.78	0.20	ppb
Sulfur	34-1	4518.81	4338.65	4433.58	4430.34	2.03	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	2043.63	2054.26	2069.77	2055.89	0.64	ppb
Thallium	205-1	2034.89	2043.87	2059.47	2046.08	0.61	ppb
Thorium	232-1	0.06	0.05	0.05	0.05	11.34	ppb
Tin	118-1	670.79	668.58	661.86	667.08	0.70	ppb
Titanium	47-1	204.30	212.40	205.26	207.32	2.14	ppb
Uranium	238-1	0.82	0.83	0.85	0.83	2.36	ppb
Vanadium	51-2	302.54	302.68	301.72	302.31	0.17	ppb
Yttrium	89-1				94		%
Yttrium	89-2				93		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MS	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:17:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	224.67	225.68	228.95	226.43	0.99	ppb
Zirconium	90-1	0.24	0.22	0.24	0.23	7.00	ppb
Zirconium	91-1	0.69	0.65	0.45	0.60	21.98	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50094.27	49834.48	50526.89	50151.88	0.70	ppb
Antimony	121-1	478.37	470.50	472.70	473.86	0.86	ppb
Arsenic	75-1	524.13	517.65	511.11	517.63	1.26	ppb
Barium	135-1	2407.83	2383.17	2388.10	2393.03	0.55	ppb
Barium	137-1	2356.39	2337.90	2345.27	2346.52	0.40	ppb
Beryllium	9-1	487.20	487.13	482.74	485.69	0.53	ppb
Bismuth	209-1				87		%
Bismuth	209-2				83		%
Boron	10-1	467.82	482.09	491.21	480.37	2.45	ppb
Boron	11-1	473.87	488.00	489.61	483.83	1.79	ppb
Cadmium	111-1	499.96	492.86	490.98	494.60	0.96	ppb
Cadmium	106-1	489.19	485.43	473.87	482.83	1.65	ppb
Cadmium	108-1	490.67	497.30	496.21	494.73	0.72	ppb
Calcium	43-1	245094.62	245676.77	245803.16	245524.85	0.15	ppb
Calcium	44-1	251507.68	250382.39	251114.65	251001.57	0.23	ppb
Chromium	52-2	498.41	489.83	496.19	494.81	0.90	ppb
Cobalt	59-2	485.86	485.32	489.94	487.04	0.52	ppb
Copper	63-2	998.78	988.87	998.80	995.48	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	129717.52	126718.86	127895.84	128110.74	1.18	ppb
Iron	57-2	129298.54	127611.48	128491.10	128467.04	0.66	ppb
Krypton	83-1						cps
Lead	206-1	514.22	514.04	513.77	514.01	0.04	ppb
Lead	207-1	502.72	503.01	499.62	501.78	0.37	ppb
Lead	208-1	499.58	501.33	497.29	499.40	0.41	ppb
Lithium	6-1				89		%
Magnesium	24-2	255886.58	252021.51	253697.53	253868.54	0.76	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.07	982.21	978.01	984.77	0.85	ppb
Molybdenum	94-1	2479.56	2441.83	2429.29	2450.23	1.07	ppb
Molybdenum	95-1	2453.52	2425.32	2439.87	2439.57	0.58	ppb
Molybdenum	96-1	2597.44	2568.42	2580.57	2582.15	0.56	ppb
Molybdenum	97-1	2455.92	2433.80	2425.28	2438.33	0.65	ppb
Molybdenum	98-1	2594.00	2547.55	2564.16	2568.57	0.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	479.06	473.89	481.20	478.05	0.79	ppb
Phosphorus	31-2	9897.18	9732.27	9614.53	9747.99	1.46	ppb
Potassium	39-2	129230.64	126280.80	128084.31	127865.25	1.16	ppb
Rhodium	103-1				80		%
Rhodium	103-2				82		%
Scandium	45-1				88		%
Scandium	45-2				91		%
Selenium	77-2	531.36	519.64	557.81	536.27	3.65	ppb
Selenium	78-2	512.22	514.17	530.07	518.82	1.89	ppb
Selenium	82-1	507.44	504.24	508.87	506.85	0.47	ppb
Silicon	28-1	521.29	533.08	538.86	531.08	1.69	ppb
Silver	109-1	500.36	499.58	498.09	499.34	0.23	ppb
Silver	107-1	499.27	499.20	489.44	495.97	1.14	ppb
Sodium	23-2	253250.24	248981.49	251534.65	251255.46	0.85	ppb
Strontium	86-1	501.82	497.06	497.09	498.66	0.55	ppb
Strontium	88-1	516.62	517.13	517.51	517.09	0.09	ppb
Sulfur	34-1	10251.04	10142.45	10008.17	10133.88	1.20	ppb
Terbium	159-1				98		%
Terbium	159-2				94		%
Thallium	203-1	508.81	513.37	505.07	509.08	0.82	ppb
Thallium	205-1	526.89	530.39	527.68	528.32	0.35	ppb
Thorium	232-1	522.09	525.77	525.48	524.45	0.39	ppb
Tin	118-1	477.26	474.55	474.16	475.33	0.35	ppb
Titanium	47-1	2514.62	2508.48	2501.11	2508.07	0.27	ppb
Uranium	238-1	514.44	522.42	519.23	518.70	0.77	ppb
Vanadium	51-2	504.56	496.29	501.36	500.74	0.83	ppb
Yttrium	89-1				90		%
Yttrium	89-2				91		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	948.62	940.26	956.98	948.62	0.88	ppb
Zirconium	90-1	497.74	494.36	495.15	495.75	0.36	ppb
Zirconium	91-1	513.74	510.99	507.51	510.75	0.61	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:29:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.81	3.50	1.10	2.47	49.84	ppb
Antimony	121-1	0.44	0.49	0.44	0.46	5.58	ppb
Arsenic	75-1	0.15	0.02	0.07	0.08	85.70	ppb
Barium	135-1	0.44	0.23	0.26	0.31	37.99	ppb
Barium	137-1	0.36	0.31	0.30	0.32	9.91	ppb
Beryllium	9-1	0.17	0.12	0.13	0.14	21.74	ppb
Bismuth	209-1				96		%
Bismuth	209-2				93		%
Boron	10-1	20.96	18.32	17.44	18.91	9.71	ppb
Boron	11-1	21.03	18.66	17.62	19.10	9.14	ppb
Cadmium	111-1	0.03	-0.06	0.14	0.04	276.79	ppb
Cadmium	106-1	-0.92	-1.90	1.39	-0.48		ppb
Cadmium	108-1	0.21	0.03	0.12	0.12	75.83	ppb
Calcium	43-1	38.52	26.24	24.84	29.87	25.20	ppb
Calcium	44-1	34.00	29.60	23.85	29.15	17.46	ppb
Chromium	52-2	0.06	0.03	0.02	0.04	59.32	ppb
Cobalt	59-2	0.02	0.03	0.01	0.02	33.53	ppb
Copper	63-2	0.14	0.16	0.01	0.10	76.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				96		%
Indium	115-1				95		%
Indium	115-2				95		%
Iron	56-2	9.68	7.79	6.26	7.91	21.67	ppb
Iron	57-2	11.92	8.74	7.28	9.31	25.48	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.09	0.08	0.09	14.16	ppb
Lead	207-1	0.10	0.07	0.09	0.09	18.62	ppb
Lead	208-1	0.11	0.09	0.07	0.09	21.61	ppb
Lithium	6-1				96		%
Magnesium	24-2	17.54	10.55	9.62	12.57	34.46	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:29:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.04	0.03	47.59	ppb
Molybdenum	94-1	0.65	0.62	0.65	0.64	2.30	ppb
Molybdenum	95-1	0.87	0.67	0.68	0.74	15.17	ppb
Molybdenum	96-1	0.70	0.70	0.51	0.64	17.32	ppb
Molybdenum	97-1	0.87	0.58	0.63	0.69	22.04	ppb
Molybdenum	98-1	0.82	0.68	0.59	0.70	16.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	-0.04	-0.02		ppb
Phosphorus	31-2	-33.59	7.41	-28.61	-18.26		ppb
Potassium	39-2	14.56	9.45	9.55	11.19	26.15	ppb
Rhodium	103-1				94		%
Rhodium	103-2				94		%
Scandium	45-1				96		%
Scandium	45-2				97		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	1.10	1.31	0.84	1.08	21.37	ppb
Selenium	82-1	0.05	0.35	0.79	0.40	93.34	ppb
Silicon	28-1	13.56	12.97	13.49	13.34	2.43	ppb
Silver	109-1	0.12	0.07	0.06	0.09	37.13	ppb
Silver	107-1	0.07	0.06	0.08	0.07	15.36	ppb
Sodium	23-2	35.98	32.99	28.10	32.35	12.30	ppb
Strontium	86-1	0.05	-0.05	0.07	0.02	312.06	ppb
Strontium	88-1	0.07	0.04	0.04	0.05	28.79	ppb
Sulfur	34-1	-579.17	-466.95	-356.08	-467.40		ppb
Terbium	159-1				101		%
Terbium	159-2				95		%
Thallium	203-1	0.12	0.14	0.11	0.12	13.48	ppb
Thallium	205-1	0.13	0.16	0.11	0.13	21.45	ppb
Thorium	232-1	0.17	0.14	0.14	0.15	9.33	ppb
Tin	118-1	0.20	0.19	0.27	0.22	19.42	ppb
Titanium	47-1	0.47	0.57	0.39	0.48	17.90	ppb
Uranium	238-1	0.08	0.07	0.04	0.06	30.52	ppb
Vanadium	51-2	0.05	0.01	0.01	0.02	95.91	ppb
Yttrium	89-1				96		%
Yttrium	89-2				96		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:29:35	DataFile Name :	031CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.19	-0.03	0.20	0.12	107.91	ppb
Zirconium	90-1	0.08	0.08	0.09	0.08	7.20	ppb
Zirconium	91-1	0.14	0.06	0.04	0.08	64.21	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MSD	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:33:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2090.97	2119.52	2118.87	2109.79	0.77	ppb
Antimony	121-1	769.85	763.04	761.62	764.84	0.58	ppb
Arsenic	75-1	764.33	753.00	771.28	762.87	1.21	ppb
Barium	135-1	545.52	538.82	544.47	542.93	0.66	ppb
Barium	137-1	543.46	535.50	534.08	537.68	0.94	ppb
Beryllium	9-1	192.08	190.96	190.06	191.03	0.53	ppb
Bismuth	209-1				91		%
Bismuth	209-2				89		%
Boron	10-1	330.03	334.21	347.79	337.34	2.75	ppb
Boron	11-1	340.25	338.14	344.79	341.06	1.00	ppb
Cadmium	111-1	185.27	183.68	185.03	184.66	0.46	ppb
Cadmium	106-1	146.31	135.49	148.01	143.27	4.74	ppb
Cadmium	108-1	158.36	163.43	158.20	160.00	1.86	ppb
Calcium	43-1	51435.39	51137.27	51653.28	51408.65	0.50	ppb
Calcium	44-1	51809.19	51860.29	51979.44	51882.97	0.17	ppb
Chromium	52-2	408.49	407.82	406.93	407.75	0.19	ppb
Cobalt	59-2	203.78	204.97	205.42	204.72	0.42	ppb
Copper	63-2	359.54	361.94	358.84	360.11	0.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				93		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	3381.79	3387.45	3388.52	3385.92	0.11	ppb
Iron	57-2	3593.87	3584.07	3666.82	3614.92	1.25	ppb
Krypton	83-1						cps
Lead	206-1	1012.13	1017.75	1028.92	1019.60	0.84	ppb
Lead	207-1	964.93	967.62	981.90	971.48	0.94	ppb
Lead	208-1	1009.27	1015.47	1023.57	1016.10	0.71	ppb
Lithium	6-1				94		%
Magnesium	24-2	11722.53	11761.95	11757.84	11747.44	0.18	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MSD	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:33:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	208.50	204.51	208.45	207.15	1.10	ppb
Molybdenum	94-1	273.73	270.37	269.99	271.37	0.76	ppb
Molybdenum	95-1	398.21	400.20	397.03	398.48	0.40	ppb
Molybdenum	96-1	384.23	385.43	384.15	384.60	0.19	ppb
Molybdenum	97-1	402.81	401.31	400.59	401.57	0.28	ppb
Molybdenum	98-1	388.43	387.35	390.15	388.64	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.88	515.57	517.51	516.99	0.24	ppb
Phosphorus	31-2	6181.45	5788.71	6262.59	6077.58	4.17	ppb
Potassium	39-2	11712.01	11661.76	11682.11	11685.30	0.22	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	2132.21	2085.51	2135.98	2117.90	1.33	ppb
Selenium	78-2	1990.64	1986.99	1976.01	1984.55	0.38	ppb
Selenium	82-1	1967.63	1952.92	1962.30	1960.95	0.38	ppb
Silicon	28-1	11488.03	11504.27	11586.95	11526.42	0.46	ppb
Silver	109-1	74.61	74.25	72.70	73.85	1.37	ppb
Silver	107-1	74.13	74.92	72.84	73.96	1.42	ppb
Sodium	23-2	21007.46	20842.21	20823.56	20891.08	0.48	ppb
Strontium	86-1	305.29	307.69	304.47	305.82	0.55	ppb
Strontium	88-1	302.16	300.32	299.94	300.81	0.39	ppb
Sulfur	34-1	4327.09	4336.84	4214.57	4292.83	1.58	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	2076.05	2102.35	2110.37	2096.25	0.86	ppb
Thallium	205-1	2073.80	2094.08	2112.58	2093.49	0.93	ppb
Thorium	232-1	0.10	0.13	0.10	0.11	11.99	ppb
Tin	118-1	677.48	669.63	673.27	673.46	0.58	ppb
Titanium	47-1	210.67	205.30	211.71	209.23	1.64	ppb
Uranium	238-1	0.87	0.83	0.83	0.85	2.72	ppb
Vanadium	51-2	308.29	309.95	306.21	308.15	0.61	ppb
Yttrium	89-1				92		%
Yttrium	89-2				90		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MSD	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:33:12	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	235.02	238.37	230.67	234.69	1.65	ppb
Zirconium	90-1	0.31	0.34	0.29	0.31	7.37	ppb
Zirconium	91-1	0.66	0.82	0.56	0.68	19.39	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01A Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:36:47 DataFile Name : 033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2139.60	2104.24	2111.81	2118.55	0.88	ppb
Antimony	121-1	756.02	758.89	754.18	756.36	0.31	ppb
Arsenic	75-1	766.43	751.09	740.86	752.79	1.71	ppb
Barium	135-1	533.74	533.57	533.63	533.65	0.02	ppb
Barium	137-1	536.98	536.00	532.31	535.09	0.46	ppb
Beryllium	9-1	189.68	191.85	189.08	190.20	0.76	ppb
Bismuth	209-1				92		%
Bismuth	209-2				89		%
Boron	10-1	342.99	339.71	339.72	340.81	0.56	ppb
Boron	11-1	345.62	346.54	350.91	347.69	0.81	ppb
Cadmium	111-1	184.94	183.64	183.05	183.88	0.53	ppb
Cadmium	106-1	139.87	137.86	127.66	135.13	4.85	ppb
Cadmium	108-1	154.97	161.29	157.34	157.86	2.02	ppb
Calcium	43-1	51201.57	50980.07	51317.40	51166.35	0.33	ppb
Calcium	44-1	52098.35	52004.48	51697.49	51933.44	0.40	ppb
Chromium	52-2	406.07	404.07	408.39	406.18	0.53	ppb
Cobalt	59-2	205.27	203.91	204.10	204.43	0.36	ppb
Copper	63-2	359.37	358.66	360.57	359.53	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				90		%
Indium	115-2				88		%
Iron	56-2	3368.88	3375.26	3376.57	3373.57	0.12	ppb
Iron	57-2	3591.59	3619.07	3636.29	3615.65	0.62	ppb
Krypton	83-1						cps
Lead	206-1	1016.32	1009.96	1006.61	1010.96	0.49	ppb
Lead	207-1	958.95	960.23	960.85	960.01	0.10	ppb
Lead	208-1	1005.63	1007.37	1006.95	1006.65	0.09	ppb
Lithium	6-1				95		%
Magnesium	24-2	11694.72	11734.72	11853.41	11760.95	0.70	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01A	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:36:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	202.95	207.03	206.31	205.43	1.06	ppb
Molybdenum	94-1	272.40	265.99	271.91	270.10	1.32	ppb
Molybdenum	95-1	397.59	391.69	397.45	395.57	0.85	ppb
Molybdenum	96-1	380.38	374.06	376.73	377.06	0.84	ppb
Molybdenum	97-1	399.51	395.81	399.48	398.26	0.53	ppb
Molybdenum	98-1	386.39	383.16	385.86	385.14	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	517.28	511.24	517.74	515.42	0.70	ppb
Phosphorus	31-2	6035.07	5788.66	5836.43	5886.72	2.22	ppb
Potassium	39-2	11624.48	11642.59	11770.35	11679.14	0.68	ppb
Rhodium	103-1				88		%
Rhodium	103-2				88		%
Scandium	45-1				90		%
Scandium	45-2				91		%
Selenium	77-2	1939.75	2034.88	2064.56	2013.06	3.24	ppb
Selenium	78-2	1969.17	1972.79	1968.50	1970.15	0.12	ppb
Selenium	82-1	1962.77	1918.66	1954.33	1945.25	1.20	ppb
Silicon	28-1	11540.33	11531.28	11625.97	11565.86	0.45	ppb
Silver	109-1	73.76	74.32	73.40	73.83	0.63	ppb
Silver	107-1	73.65	71.83	73.37	72.95	1.34	ppb
Sodium	23-2	21162.11	20914.45	20966.44	21014.33	0.62	ppb
Strontium	86-1	304.15	298.22	307.90	303.42	1.61	ppb
Strontium	88-1	301.89	299.12	301.80	300.94	0.52	ppb
Sulfur	34-1	4052.30	3812.39	3793.72	3886.13	3.71	ppb
Terbium	159-1				99		%
Terbium	159-2				94		%
Thallium	203-1	2080.55	2091.47	2088.03	2086.68	0.27	ppb
Thallium	205-1	2073.10	2086.66	2072.39	2077.38	0.39	ppb
Thorium	232-1	0.06	0.06	0.06	0.06	2.91	ppb
Tin	118-1	670.12	663.89	666.82	666.94	0.47	ppb
Titanium	47-1	208.67	209.18	213.85	210.57	1.35	ppb
Uranium	238-1	0.86	0.87	0.90	0.87	2.16	ppb
Vanadium	51-2	302.89	304.23	305.87	304.33	0.49	ppb
Yttrium	89-1				92		%
Yttrium	89-2				91		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01A	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:36:47	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	235.05	232.26	234.56	233.96	0.64	ppb
Zirconium	90-1	0.15	0.17	0.11	0.14	19.78	ppb
Zirconium	91-1	0.44	0.46	0.57	0.49	13.73	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	50263.35	50048.65	49999.11	50103.70	0.28	ppb
Antimony	121-1	469.91	471.28	469.98	470.39	0.16	ppb
Arsenic	75-1	510.60	517.01	515.73	514.45	0.66	ppb
Barium	135-1	2407.26	2399.17	2360.52	2388.98	1.05	ppb
Barium	137-1	2366.46	2359.76	2357.86	2361.36	0.19	ppb
Beryllium	9-1	481.44	486.75	480.90	483.03	0.67	ppb
Bismuth	209-1				87		%
Bismuth	209-2				82		%
Boron	10-1	485.47	495.16	488.43	489.68	1.01	ppb
Boron	11-1	495.27	501.20	505.12	500.53	0.99	ppb
Cadmium	111-1	492.84	489.88	493.66	492.13	0.40	ppb
Cadmium	106-1	474.89	493.21	489.22	485.77	1.98	ppb
Cadmium	108-1	498.60	492.76	490.30	493.89	0.86	ppb
Calcium	43-1	244911.90	243777.62	243825.20	244171.57	0.26	ppb
Calcium	44-1	250491.51	252687.19	251526.04	251568.24	0.44	ppb
Chromium	52-2	498.58	496.39	493.96	496.31	0.47	ppb
Cobalt	59-2	491.57	489.24	487.90	489.57	0.38	ppb
Copper	63-2	1001.91	998.01	991.03	996.98	0.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				94		%
Indium	115-1				87		%
Indium	115-2				86		%
Iron	56-2	129321.66	127586.82	126011.81	127640.10	1.30	ppb
Iron	57-2	129635.19	128687.67	128092.77	128805.21	0.60	ppb
Krypton	83-1						cps
Lead	206-1	512.04	515.68	512.14	513.29	0.40	ppb
Lead	207-1	500.21	503.32	498.50	500.68	0.49	ppb
Lead	208-1	496.14	499.48	494.68	496.77	0.49	ppb
Lithium	6-1				91		%
Magnesium	24-2	257263.29	254646.54	252996.25	254968.69	0.84	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	990.45	987.38	974.05	983.96	0.89	ppb
Molybdenum	94-1	2438.83	2463.40	2453.54	2451.92	0.50	ppb
Molybdenum	95-1	2584.31	2443.03	2425.58	2484.31	3.50	ppb
Molybdenum	96-1	2580.77	2582.13	2572.95	2578.62	0.19	ppb
Molybdenum	97-1	2419.68	2440.42	2434.51	2431.54	0.44	ppb
Molybdenum	98-1	2560.86	2570.43	2578.82	2570.04	0.35	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	481.06	478.93	475.27	478.42	0.61	ppb
Phosphorus	31-2	9754.82	9908.66	9690.17	9784.55	1.15	ppb
Potassium	39-2	129581.25	128492.43	127068.38	128380.69	0.98	ppb
Rhodium	103-1				80		%
Rhodium	103-2				81		%
Scandium	45-1				89		%
Scandium	45-2				91		%
Selenium	77-2	509.42	580.12	542.99	544.17	6.50	ppb
Selenium	78-2	515.09	517.07	485.20	505.79	3.53	ppb
Selenium	82-1	502.45	510.19	509.59	507.41	0.85	ppb
Silicon	28-1	565.29	577.88	579.83	574.33	1.37	ppb
Silver	109-1	499.52	497.37	498.07	498.32	0.22	ppb
Silver	107-1	494.78	496.51	494.62	495.30	0.21	ppb
Sodium	23-2	257153.34	252526.24	251242.11	253640.56	1.23	ppb
Strontium	86-1	496.14	496.83	505.31	499.43	1.02	ppb
Strontium	88-1	516.83	516.58	520.63	518.01	0.44	ppb
Sulfur	34-1	9755.26	10096.43	9812.67	9888.12	1.85	ppb
Terbium	159-1				98		%
Terbium	159-2				93		%
Thallium	203-1	509.21	512.80	508.51	510.17	0.45	ppb
Thallium	205-1	527.24	530.88	530.96	529.69	0.40	ppb
Thorium	232-1	521.71	522.99	520.69	521.80	0.22	ppb
Tin	118-1	472.79	475.24	471.73	473.25	0.38	ppb
Titanium	47-1	2518.48	2503.64	2509.35	2510.49	0.30	ppb
Uranium	238-1	517.07	513.62	511.26	513.98	0.57	ppb
Vanadium	51-2	504.60	499.42	498.81	500.94	0.64	ppb
Yttrium	89-1				90		%
Yttrium	89-2				90		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	949.48	955.49	938.68	947.89	0.90	ppb
Zirconium	90-1	495.23	498.51	497.60	497.11	0.34	ppb
Zirconium	91-1	507.31	513.59	513.42	511.44	0.70	ppb

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P7
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:44:02 DataFile Name : 035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.40	1.10	1.67	1.39	20.65	ppb
Antimony	121-1	0.47	0.51	0.53	0.51	5.95	ppb
Arsenic	75-1	0.40	0.06	0.01	0.16	134.47	ppb
Barium	135-1	0.40	0.22	0.22	0.28	38.66	ppb
Barium	137-1	0.33	0.30	0.23	0.29	18.05	ppb
Beryllium	9-1	0.18	0.14	0.12	0.15	20.97	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	29.40	23.32	27.78	26.83	11.74	ppb
Boron	11-1	26.99	25.97	25.60	26.19	2.74	ppb
Cadmium	111-1	0.07	0.15	0.00	0.07	104.33	ppb
Cadmium	106-1	-0.39	0.77	-0.63	-0.08		ppb
Cadmium	108-1	0.21	0.03	0.12	0.12	74.86	ppb
Calcium	43-1	29.26	25.78	10.14	21.73	46.88	ppb
Calcium	44-1	36.63	26.66	20.58	27.96	28.99	ppb
Chromium	52-2	0.02	-0.04	-0.03	-0.02		ppb
Cobalt	59-2	0.00	0.01	0.00	0.00	544.49	ppb
Copper	63-2	0.13	0.07	0.13	0.11	31.93	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				94		%
Indium	115-1				94		%
Indium	115-2				93		%
Iron	56-2	6.31	4.72	3.47	4.83	29.48	ppb
Iron	57-2	2.61	4.90	3.01	3.50	34.89	ppb
Krypton	83-1						cps
Lead	206-1	0.11	0.13	0.08	0.11	21.43	ppb
Lead	207-1	0.14	0.09	0.06	0.09	44.94	ppb
Lead	208-1	0.12	0.09	0.07	0.09	26.20	ppb
Lithium	6-1				97		%
Magnesium	24-2	10.46	6.67	5.36	7.50	35.33	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:44:02	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.03	0.01	0.02	67.53	ppb
Molybdenum	94-1	0.81	0.64	0.40	0.61	33.05	ppb
Molybdenum	95-1	0.88	0.70	0.52	0.70	25.98	ppb
Molybdenum	96-1	0.67	0.63	0.58	0.63	7.64	ppb
Molybdenum	97-1	0.78	0.69	0.50	0.66	21.26	ppb
Molybdenum	98-1	0.78	0.70	0.59	0.69	13.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	-0.07	0.00	-0.01		ppb
Phosphorus	31-2	-28.42	-2.61	-17.85	-16.30		ppb
Potassium	39-2	17.21	10.56	13.18	13.65	24.55	ppb
Rhodium	103-1				92		%
Rhodium	103-2				92		%
Scandium	45-1				95		%
Scandium	45-2				96		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	-0.09	-0.34	1.38	0.32	290.60	ppb
Selenium	82-1	-0.26	0.70	0.77	0.40	143.30	ppb
Silicon	28-1	22.72	22.29	21.32	22.11	3.25	ppb
Silver	109-1	0.08	0.05	0.04	0.06	37.29	ppb
Silver	107-1	0.06	0.07	0.06	0.06	12.89	ppb
Sodium	23-2	35.13	30.75	29.45	31.78	9.37	ppb
Strontium	86-1	0.06	0.00	0.05	0.03	85.04	ppb
Strontium	88-1	0.08	0.04	0.04	0.05	42.80	ppb
Sulfur	34-1	-421.30	-174.18	-68.07	-221.18		ppb
Terbium	159-1				100		%
Terbium	159-2				94		%
Thallium	203-1	0.16	0.16	0.15	0.16	5.67	ppb
Thallium	205-1	0.19	0.21	0.16	0.19	11.50	ppb
Thorium	232-1	0.14	0.12	0.09	0.12	20.32	ppb
Tin	118-1	0.18	0.24	0.15	0.19	23.84	ppb
Titanium	47-1	0.46	0.24	0.30	0.33	34.00	ppb
Uranium	238-1	0.08	0.04	0.04	0.05	42.64	ppb
Vanadium	51-2	0.04	0.00	0.01	0.02	107.72	ppb
Yttrium	89-1				95		%
Yttrium	89-2				94		%

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:44:02	DataFile Name :	035CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.27	0.12	-0.05	0.11	141.88	ppb
Zirconium	90-1	0.12	0.08	0.09	0.10	17.15	ppb
Zirconium	91-1	0.15	0.06	0.09	0.10	42.85	ppb

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:32:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	25	25	25	0.00	cps
Antimony	121-1	8	25	17	17	50.01	cps
Arsenic	75-1	-80	-113	-90	-95	-18.07	cps
Barium	135-1	8	17	0	8	100.02	cps
Barium	137-1	17	17	25	19	24.73	cps
Beryllium	9-1	13	30	37	27	45.08	cps
Bismuth	209-1	2140123	2124231	2114260	2126205	0.61	cps
Bismuth	209-2	1350932	1367095	1376574	1364867	0.95	cps
Boron	10-1	250	275	225	250	10.00	cps
Boron	11-1	1217	1117	1167	1167	4.29	cps
Cadmium	111-1	666	698	690	685	2.42	cps
Cadmium	106-1	950	992	983	975	2.26	cps
Cadmium	108-1	4	0	4	3	86.60	cps
Calcium	43-1	67	42	67	58	24.74	cps
Calcium	44-1	1650	1567	1709	1642	4.34	cps
Chromium	52-2	193	210	260	221	15.69	cps
Cobalt	59-2	10	13	30	18	60.28	cps
Copper	63-2	117	93	93	101	13.32	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	0	0	8	3	173.21	cps
Erbium	164-2	7	0	0	2	173.21	cps
Gadolinium	160-1	25	17	17	19	24.73	cps
Gadolinium	160-2	47	33	70	50	37.12	cps
Holmium	165-1	3079660	3107588	3072611	3086620	0.60	cps
Holmium	165-2	1780116	1794489	1801896	1792167	0.62	cps
Indium	115-1	2052512	2038222	2021627	2037454	0.76	cps
Indium	115-2	466732	469172	471359	469088	0.49	cps
Iron	56-2	939	828	744	837	11.65	cps
Iron	57-2	33	50	11	31	61.98	cps
Krypton	83-1	77	57	90	74	22.53	cps
Lead	206-1	89	106	89	94	10.19	cps
Lead	207-1	67	94	78	80	17.56	cps
Lead	208-1	367	372	367	369	0.87	cps
Lithium	6-1	1266328	1267533	1265305	1266389	0.09	cps
Magnesium	24-2	142	133	83	119	26.41	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:32:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	13	7	18	78.05	cps
Molybdenum	94-1	67	92	117	92	27.27	cps
Molybdenum	95-1	42	0	33	25	88.19	cps
Molybdenum	96-1	0	25	25	17	86.60	cps
Molybdenum	97-1	17	25	8	17	50.01	cps
Molybdenum	98-1	8	33	58	33	75.02	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	13	30	23	37.81	cps
Phosphorus	31-2	33	50	42	42	20.00	cps
Potassium	39-2	4217	4117	4726	4354	7.50	cps
Rhodium	103-1	1882767	1869413	1859666	1870615	0.62	cps
Rhodium	103-2	947716	954165	960371	954084	0.66	cps
Scandium	45-1	1770747	1763318	1748417	1760828	0.65	cps
Scandium	45-2	83232	83128	84181	83514	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	9	13	9	53.95	cps
Selenium	82-1	-8	12	-7	-1	-1471.22	cps
Silicon	28-1	46465	46640	47510	46872	1.19	cps
Silver	109-1	33	33	8	25	57.74	cps
Silver	107-1	8	42	25	25	66.68	cps
Sodium	23-2	1875	1717	1692	1761	5.65	cps
Strontium	86-1	100	108	183	131	35.15	cps
Strontium	88-1	117	67	25	69	66.09	cps
Sulfur	34-1	147793	147389	141071	145418	2.59	cps
Terbium	159-1	3162335	3175943	3165204	3167828	0.23	cps
Terbium	159-2	1776867	1785188	1779042	1780366	0.24	cps
Thallium	203-1	50	17	33	33	50.00	cps
Thallium	205-1	92	83	25	67	54.49	cps
Thorium	232-1	22	11	39	24	58.08	cps
Tin	118-1	142	167	167	158	9.12	cps
Titanium	47-1	17	8	17	14	34.67	cps
Uranium	238-1	183	83	58	108	61.05	cps
Vanadium	51-2	3	3	0	2	86.60	cps
Yttrium	89-1	2427591	2417085	2390159	2411611	0.80	cps
Yttrium	89-2	384720	386540	389986	387082	0.69	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:32:57	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	47	73	43	54	30.20	cps
Zirconium	90-1	217	217	208	214	2.25	cps
Zirconium	91-1	67	33	17	39	65.47	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:40:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	608	575	658	614	6.83	cps
Antimony	121-1	3409	3792	3859	3687	6.59	cps
Arsenic	75-1	207	277	347	277	25.16	cps
Barium	135-1	5135	5693	6077	5635	8.41	cps
Barium	137-1	10313	9495	9620	9809	4.49	cps
Beryllium	9-1	853	737	910	833	10.61	cps
Bismuth	209-1	2089960	2071947	2091057	2084321	0.51	cps
Bismuth	209-2	1333326	1344431	1326523	1334760	0.68	cps
Boron	10-1	3767	4001	3784	3851	3.38	cps
Boron	11-1	15483	15492	16201	15725	2.62	cps
Cadmium	111-1	1330	1353	1307	1330	1.76	cps
Cadmium	106-1	1092	1125	1033	1083	4.28	cps
Cadmium	108-1	38	25	42	35	24.98	cps
Calcium	43-1	4526	4117	4426	4356	4.89	cps
Calcium	44-1	71791	71825	72930	72182	0.90	cps
Chromium	52-2	1583	1727	1783	1698	6.07	cps
Cobalt	59-2	1033	1010	1017	1020	1.18	cps
Copper	63-2	1387	1487	1353	1409	4.93	cps
Dysprosium	156-1	17	0	0	6	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	0	3	3	100.05	cps
Gadolinium	160-1	25	17	0	14	91.65	cps
Gadolinium	160-2	13	30	30	24	39.37	cps
Holmium	165-1	2991392	2953613	3009319	2984775	0.95	cps
Holmium	165-2	1765752	1757312	1735383	1752816	0.89	cps
Indium	115-1	2020596	1981785	2016579	2006320	1.06	cps
Indium	115-2	463168	463422	461669	462753	0.20	cps
Iron	56-2	32425	34162	34135	33574	2.96	cps
Iron	57-2	861	861	917	880	3.65	cps
Krypton	83-1	83	80	43	69	32.22	cps
Lead	206-1	2306	2061	2128	2165	5.84	cps
Lead	207-1	1728	1850	1850	1809	3.90	cps
Lead	208-1	8529	8457	8574	8520	0.69	cps
Lithium	6-1	1276751	1261112	1280946	1272936	0.82	cps
Magnesium	24-2	38501	39244	37815	38520	1.86	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:40:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	477	647	503	542	16.86	cps
Molybdenum	94-1	4451	4809	4284	4515	5.94	cps
Molybdenum	95-1	5168	5593	5301	5354	4.06	cps
Molybdenum	96-1	6452	6368	6335	6385	0.94	cps
Molybdenum	97-1	3576	3559	3401	3512	2.75	cps
Molybdenum	98-1	9003	9087	9287	9126	1.60	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	263	307	383	318	19.12	cps
Phosphorus	31-2	117	92	100	103	12.39	cps
Potassium	39-2	36972	36454	36922	36783	0.78	cps
Rhodium	103-1	1853810	1828182	1855706	1845899	0.83	cps
Rhodium	103-2	944380	939987	926817	937061	0.98	cps
Scandium	45-1	1771537	1731046	1752883	1751822	1.16	cps
Scandium	45-2	82102	83591	82525	82739	0.93	cps
Selenium	77-2	7	17	7	10	57.72	cps
Selenium	78-2	41	57	43	47	19.48	cps
Selenium	82-1	234	236	275	248	9.35	cps
Silicon	28-1	65611	63946	66541	65366	2.01	cps
Silver	109-1	2525	2200	2317	2348	7.02	cps
Silver	107-1	2484	2642	2500	2542	3.42	cps
Sodium	23-2	73028	74058	73966	73684	0.77	cps
Strontium	86-1	875	725	900	833	11.36	cps
Strontium	88-1	6410	6685	6352	6482	2.75	cps
Sulfur	34-1	138430	136529	137252	137404	0.70	cps
Terbium	159-1	3086172	3047176	3098788	3077379	0.87	cps
Terbium	159-2	1757012	1749073	1744009	1750031	0.37	cps
Thallium	203-1	2359	2709	2584	2550	6.96	cps
Thallium	205-1	5660	5626	5660	5649	0.34	cps
Thorium	232-1	9576	9893	9937	9802	2.01	cps
Tin	118-1	9345	8937	9420	9234	2.82	cps
Titanium	47-1	1817	1900	1884	1867	2.36	cps
Uranium	238-1	10396	9746	9729	9957	3.82	cps
Vanadium	51-2	3244	3187	3330	3254	2.22	cps
Yttrium	89-1	2409730	2358602	2396365	2388232	1.11	cps
Yttrium	89-2	386236	381587	381742	383188	0.69	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:40:33	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	283	260	220	254	12.59	cps
Zirconium	90-1	4368	3892	3784	4015	7.73	cps
Zirconium	91-1	642	1033	875	850	23.18	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:44:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33664	35075	33989	34243	2.16	cps
Antimony	121-1	110734	110331	108525	109863	1.07	cps
Arsenic	75-1	23493	23388	23799	23560	0.91	cps
Barium	135-1	151330	150640	148874	150281	0.84	cps
Barium	137-1	264616	265061	262090	263922	0.61	cps
Beryllium	9-1	42489	42503	42784	42592	0.39	cps
Bismuth	209-1	2089807	2097356	2071352	2086172	0.64	cps
Bismuth	209-2	1328816	1314189	1336326	1326443	0.85	cps
Boron	10-1	7360	8086	7644	7697	4.75	cps
Boron	11-1	33647	33212	33931	33597	1.08	cps
Cadmium	111-1	31756	30923	31259	31312	1.34	cps
Cadmium	106-1	4701	5026	4709	4812	3.85	cps
Cadmium	108-1	2346	2567	2217	2377	7.45	cps
Calcium	43-1	47234	47251	47477	47321	0.29	cps
Calcium	44-1	756266	751085	738963	748771	1.19	cps
Chromium	52-2	39724	39626	40011	39787	0.50	cps
Cobalt	59-2	54441	54822	55374	54879	0.86	cps
Copper	63-2	67391	67063	67173	67209	0.25	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	8	0	0	3	173.21	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	25	0	33	19	89.21	cps
Gadolinium	160-2	63	47	43	51	20.96	cps
Holmium	165-1	3017546	3020331	2993741	3010540	0.49	cps
Holmium	165-2	1764301	1751314	1774051	1763222	0.65	cps
Indium	115-1	1996631	1990553	1971684	1986289	0.65	cps
Indium	115-2	456674	455648	460592	457638	0.57	cps
Iron	56-2	1613806	1607371	1630919	1617366	0.75	cps
Iron	57-2	41063	41052	41314	41143	0.36	cps
Krypton	83-1	77	70	40	62	31.39	cps
Lead	206-1	111703	111368	112349	111807	0.45	cps
Lead	207-1	101440	102760	101535	101912	0.72	cps
Lead	208-1	456658	456892	453619	455723	0.40	cps
Lithium	6-1	1257677	1252423	1247633	1252577	0.40	cps
Magnesium	24-2	395259	392615	390076	392650	0.66	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:44:29	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	49373	49908	50403	49894	1.03	cps
Molybdenum	94-1	242219	241204	238549	240657	0.79	cps
Molybdenum	95-1	291256	292853	290991	291700	0.35	cps
Molybdenum	96-1	326968	327582	322237	325596	0.90	cps
Molybdenum	97-1	183693	184493	182375	183521	0.58	cps
Molybdenum	98-1	474002	472667	467951	471540	0.67	cps
Neodymium	150-1	33	27	27	29	13.31	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13546	13169	13683	13466	1.98	cps
Phosphorus	31-2	1717	1458	1734	1636	9.42	cps
Potassium	39-2	178503	176545	180484	178511	1.10	cps
Rhodium	103-1	1824603	1813903	1799920	1812809	0.68	cps
Rhodium	103-2	924308	916810	932152	924424	0.83	cps
Scandium	45-1	1751137	1739721	1742804	1744554	0.34	cps
Scandium	45-2	82991	80145	81405	81514	1.75	cps
Selenium	77-2	107	130	110	116	10.92	cps
Selenium	78-2	463	411	478	451	7.77	cps
Selenium	82-1	2615	2482	2565	2554	2.63	cps
Silicon	28-1	159187	158726	159676	159197	0.30	cps
Silver	109-1	130480	129455	127581	129172	1.14	cps
Silver	107-1	134600	133927	134457	134328	0.26	cps
Sodium	23-2	770112	770027	775970	772036	0.44	cps
Strontium	86-1	40458	41478	40892	40943	1.25	cps
Strontium	88-1	346445	347838	345216	346499	0.38	cps
Sulfur	34-1	163235	160740	161179	161718	0.82	cps
Terbium	159-1	3108603	3079595	3069501	3085900	0.66	cps
Terbium	159-2	1763071	1733333	1767099	1754501	1.05	cps
Thallium	203-1	133641	134305	131114	133020	1.27	cps
Thallium	205-1	321025	322504	315124	319551	1.22	cps
Thorium	232-1	554504	554731	552837	554024	0.19	cps
Tin	118-1	96739	96245	96052	96346	0.37	cps
Titanium	47-1	100751	99090	100784	100208	0.97	cps
Uranium	238-1	518151	516790	514121	516354	0.40	cps
Vanadium	51-2	33218	33304	33004	33175	0.47	cps
Yttrium	89-1	2394977	2383615	2359111	2379234	0.77	cps
Yttrium	89-2	379793	374141	380062	377999	0.88	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:44:29	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	11665	11838	12149	11884	2.06	cps
Zirconium	90-1	212648	212450	209340	211479	0.88	cps
Zirconium	91-1	46568	46426	44888	45961	2.03	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P7
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 10:48:25 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	80776	81480	81497	81251	0.51	cps
Antimony	121-1	266221	268398	268729	267783	0.51	cps
Arsenic	75-1	57417	58888	58041	58116	1.27	cps
Barium	135-1	364737	367233	370085	367352	0.73	cps
Barium	137-1	638066	635709	634876	636217	0.26	cps
Beryllium	9-1	102949	101660	102110	102240	0.64	cps
Bismuth	209-1	2036158	2053424	2064816	2051466	0.70	cps
Bismuth	209-2	1297207	1303715	1306746	1302556	0.37	cps
Boron	10-1	18270	18003	18287	18186	0.88	cps
Boron	11-1	77063	78588	79653	78435	1.66	cps
Cadmium	111-1	75970	73747	75144	74954	1.50	cps
Cadmium	106-1	9645	9612	10071	9776	2.62	cps
Cadmium	108-1	6060	5751	5876	5896	2.63	cps
Calcium	43-1	113273	112022	112416	112570	0.57	cps
Calcium	44-1	1797685	1791724	1779902	1789770	0.51	cps
Chromium	52-2	94363	94735	94896	94665	0.29	cps
Cobalt	59-2	128516	129750	130476	129581	0.76	cps
Copper	63-2	156877	158453	157348	157559	0.51	cps
Dysprosium	156-1	25	0	8	11	114.58	cps
Dysprosium	156-2	17	13	7	12	41.65	cps
Erbium	164-1	8	0	8	6	86.60	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	43	57	47	49	14.20	cps
Holmium	165-1	2958842	2967873	2953789	2960168	0.24	cps
Holmium	165-2	1728451	1737578	1735885	1733972	0.28	cps
Indium	115-1	1928001	1939353	1942686	1936680	0.40	cps
Indium	115-2	438280	442394	438938	439871	0.50	cps
Iron	56-2	3748326	3741992	3723489	3737936	0.35	cps
Iron	57-2	96207	96779	97019	96668	0.43	cps
Krypton	83-1	70	107	53	77	35.59	cps
Lead	206-1	275290	272540	276701	274844	0.77	cps
Lead	207-1	249827	250244	251673	250581	0.39	cps
Lead	208-1	1118750	1120361	1124868	1121326	0.28	cps
Lithium	6-1	1214964	1214957	1216443	1215455	0.07	cps
Magnesium	24-2	942920	948191	937891	943000	0.55	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:48:25	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	119487	119554	117948	118996	0.76	cps
Molybdenum	94-1	586918	582260	577128	582102	0.84	cps
Molybdenum	95-1	706701	707849	701907	705486	0.45	cps
Molybdenum	96-1	791223	781120	787539	786627	0.65	cps
Molybdenum	97-1	441342	446075	440104	442507	0.71	cps
Molybdenum	98-1	1135008	1136441	1137362	1136270	0.10	cps
Neodymium	150-1	40	27	67	44	45.82	cps
Neodymium	150-2	7	3	3	4	43.40	cps
Nickel	60-2	32162	31491	32008	31887	1.10	cps
Phosphorus	31-2	4026	3984	3942	3984	1.05	cps
Potassium	39-2	420975	424128	418033	421045	0.72	cps
Rhodium	103-1	1749617	1763436	1749037	1754030	0.46	cps
Rhodium	103-2	874524	885457	888373	882784	0.83	cps
Scandium	45-1	1689333	1698326	1688040	1691900	0.33	cps
Scandium	45-2	78677	79033	78459	78723	0.37	cps
Selenium	77-2	343	263	303	303	13.19	cps
Selenium	78-2	1069	952	1035	1019	5.90	cps
Selenium	82-1	6159	5880	6197	6079	2.85	cps
Silicon	28-1	303548	305563	307735	305615	0.69	cps
Silver	109-1	308739	306250	305329	306773	0.58	cps
Silver	107-1	320330	321107	320093	320510	0.17	cps
Sodium	23-2	1833520	1847826	1840533	1840626	0.39	cps
Strontium	86-1	96909	97413	97295	97205	0.27	cps
Strontium	88-1	838132	837746	833752	836543	0.29	cps
Sulfur	34-1	184065	181931	179576	181858	1.23	cps
Terbium	159-1	3046790	3040571	3033588	3040316	0.22	cps
Terbium	159-2	1709334	1725496	1728481	1721104	0.60	cps
Thallium	203-1	325276	324325	324246	324615	0.18	cps
Thallium	205-1	780663	775352	778389	778134	0.34	cps
Thorium	232-1	1353537	1358773	1362265	1358191	0.32	cps
Tin	118-1	234083	231990	236338	234137	0.93	cps
Titanium	47-1	240174	239479	239597	239750	0.16	cps
Uranium	238-1	1272123	1274738	1275623	1274161	0.14	cps
Vanadium	51-2	80786	79459	78675	79640	1.34	cps
Yttrium	89-1	2324988	2319760	2315670	2320139	0.20	cps
Yttrium	89-2	361129	365186	365996	364104	0.72	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:48:25	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28698	28945	28645	28763	0.56	cps
Zirconium	90-1	511862	513975	507568	511135	0.64	cps
Zirconium	91-1	112271	111414	112524	112070	0.52	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:52:21	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	152966	151063	152141	152057	0.63	cps
Antimony	121-1	515014	520913	514109	516679	0.72	cps
Arsenic	75-1	106069	108117	104976	106387	1.50	cps
Barium	135-1	712912	706081	706273	708422	0.55	cps
Barium	137-1	1226323	1225301	1225402	1225676	0.05	cps
Beryllium	9-1	191483	192799	190298	191527	0.65	cps
Bismuth	209-1	2019917	2036811	2019901	2025543	0.48	cps
Bismuth	209-2	1260806	1263998	1272742	1265848	0.49	cps
Boron	10-1	33187	35192	35024	34468	3.23	cps
Boron	11-1	147161	150787	151367	149772	1.52	cps
Cadmium	111-1	140457	141540	140355	140784	0.47	cps
Cadmium	106-1	17812	17111	17153	17358	2.26	cps
Cadmium	108-1	11463	11192	11225	11294	1.31	cps
Calcium	43-1	209811	211632	208889	210111	0.66	cps
Calcium	44-1	3390189	3402736	3366746	3386557	0.54	cps
Chromium	52-2	175496	174030	176990	175505	0.84	cps
Cobalt	59-2	240528	238340	240143	239670	0.49	cps
Copper	63-2	291985	291408	290838	291410	0.20	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	17	10	7	11	45.82	cps
Erbium	164-1	0	25	0	8	173.21	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	0	0	0	0	0.00	cps
Gadolinium	160-2	37	50	20	36	42.27	cps
Holmium	165-1	2919665	2940663	2932313	2930880	0.36	cps
Holmium	165-2	1692321	1682072	1699248	1691214	0.51	cps
Indium	115-1	1856475	1861245	1857968	1858563	0.13	cps
Indium	115-2	417061	417469	418459	417663	0.17	cps
Iron	56-2	7021276	7035456	7063632	7040122	0.31	cps
Iron	57-2	180769	179949	183205	181308	0.93	cps
Krypton	83-1	70	57	37	54	30.81	cps
Lead	206-1	535493	545709	537445	539549	1.01	cps
Lead	207-1	486048	493201	492469	490572	0.80	cps
Lead	208-1	2185155	2211772	2195446	2197457	0.61	cps
Lithium	6-1	1166134	1168511	1164415	1166353	0.18	cps
Magnesium	24-2	1733981	1726225	1751261	1737156	0.74	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:52:21	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	222874	222346	222949	222723	0.15	cps
Molybdenum	94-1	1096779	1100213	1086853	1094615	0.63	cps
Molybdenum	95-1	1336649	1343094	1325425	1335056	0.67	cps
Molybdenum	96-1	1487904	1490624	1474180	1484236	0.59	cps
Molybdenum	97-1	840479	839197	835739	838472	0.29	cps
Molybdenum	98-1	2118833	2138050	2125099	2127327	0.46	cps
Neodymium	150-1	53	60	100	71	35.49	cps
Neodymium	150-2	7	3	7	6	34.70	cps
Nickel	60-2	57911	58091	58171	58058	0.23	cps
Phosphorus	31-2	7877	6944	7460	7427	6.30	cps
Potassium	39-2	781944	775552	780573	779356	0.43	cps
Rhodium	103-1	1648512	1661552	1652864	1654309	0.40	cps
Rhodium	103-2	833818	832395	837849	834687	0.34	cps
Scandium	45-1	1563051	1577022	1560960	1567011	0.56	cps
Scandium	45-2	74486	74040	74945	74490	0.61	cps
Selenium	77-2	557	547	563	556	1.51	cps
Selenium	78-2	1924	1748	1843	1838	4.79	cps
Selenium	82-1	11757	11565	11559	11627	0.97	cps
Silicon	28-1	547348	553509	547974	549610	0.62	cps
Silver	109-1	578639	577572	572834	576348	0.54	cps
Silver	107-1	610822	606552	601096	606157	0.80	cps
Sodium	23-2	3491165	3456266	3496953	3481462	0.63	cps
Strontium	86-1	185277	184622	186858	185586	0.62	cps
Strontium	88-1	1571652	1573077	1558003	1567578	0.53	cps
Sulfur	34-1	200378	199308	193581	197756	1.85	cps
Terbium	159-1	3005126	3024611	2990233	3006657	0.57	cps
Terbium	159-2	1677068	1671801	1688972	1679280	0.52	cps
Thallium	203-1	642759	646565	633665	640996	1.03	cps
Thallium	205-1	1526556	1528405	1526353	1527105	0.07	cps
Thorium	232-1	2746935	2754010	2740831	2747259	0.24	cps
Tin	118-1	445728	444773	444330	444944	0.16	cps
Titanium	47-1	441298	445615	440134	442349	0.65	cps
Uranium	238-1	2569665	2583406	2577420	2576831	0.27	cps
Vanadium	51-2	146650	147801	148505	147652	0.63	cps
Yttrium	89-1	2214748	2211922	2197979	2208216	0.41	cps
Yttrium	89-2	342781	345649	346950	345127	0.62	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:52:21	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	52521	52608	53227	52785	0.73	cps
Zirconium	90-1	970123	964727	960443	965098	0.50	cps
Zirconium	91-1	217654	218627	215285	217189	0.79	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	298038	299322	300903	299421	0.48	cps
Antimony	121-1	1018187	1021884	1023262	1021111	0.26	cps
Arsenic	75-1	203697	209720	212449	208622	2.15	cps
Barium	135-1	1394177	1391996	1408835	1398336	0.65	cps
Barium	137-1	2405655	2389332	2424721	2406569	0.74	cps
Beryllium	9-1	367381	365690	368741	367270	0.42	cps
Bismuth	209-1	2030598	2036550	2051144	2039431	0.52	cps
Bismuth	209-2	1254937	1258579	1261535	1258350	0.26	cps
Boron	10-1	69259	70172	69669	69700	0.66	cps
Boron	11-1	291884	294918	301922	296241	1.74	cps
Cadmium	111-1	271655	272195	275578	273143	0.78	cps
Cadmium	106-1	32705	32839	32772	32772	0.20	cps
Cadmium	108-1	21688	22072	22297	22019	1.40	cps
Calcium	43-1	413341	416983	421158	417161	0.94	cps
Calcium	44-1	6648397	6695418	6728731	6690849	0.60	cps
Chromium	52-2	348465	348747	352749	349987	0.68	cps
Cobalt	59-2	468850	466794	478771	471472	1.36	cps
Copper	63-2	570048	567529	578287	571955	0.98	cps
Dysprosium	156-1	33	33	17	28	34.63	cps
Dysprosium	156-2	63	33	30	42	43.48	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	17	8	25	17	50.01	cps
Gadolinium	160-2	33	43	30	36	19.51	cps
Holmium	165-1	2973470	2965332	3023614	2987472	1.06	cps
Holmium	165-2	1710229	1718793	1720054	1716359	0.31	cps
Indium	115-1	1834918	1842819	1859621	1845786	0.68	cps
Indium	115-2	412167	415800	422692	416886	1.28	cps
Iron	56-2	13952825	13859296	14016226	13942782	0.57	cps
Iron	57-2	354831	358665	361894	358463	0.99	cps
Krypton	83-1	80	47	43	57	35.78	cps
Lead	206-1	1046892	1050794	1071578	1056422	1.26	cps
Lead	207-1	975029	979652	992997	982559	0.95	cps
Lead	208-1	4310213	4333627	4379171	4341004	0.81	cps
Lithium	6-1	1154269	1162064	1169197	1161843	0.64	cps
Magnesium	24-2	3445097	3451725	3492168	3462997	0.74	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	442694	442631	448716	444680	0.79	cps
Molybdenum	94-1	2130640	2144402	2160934	2145325	0.71	cps
Molybdenum	95-1	2584632	2591145	2603253	2593010	0.36	cps
Molybdenum	96-1	2939677	2939832	2955074	2944861	0.30	cps
Molybdenum	97-1	1618496	1616159	1628743	1621133	0.41	cps
Molybdenum	98-1	4342778	4339834	4366887	4349833	0.34	cps
Neodymium	150-1	147	107	100	118	21.43	cps
Neodymium	150-2	13	7	13	11	34.61	cps
Nickel	60-2	112853	112544	115141	113512	1.25	cps
Phosphorus	31-2	14708	15166	14933	14936	1.54	cps
Potassium	39-2	1532246	1542568	1562192	1545669	0.98	cps
Rhodium	103-1	1596685	1600215	1615062	1603987	0.61	cps
Rhodium	103-2	816912	824850	840830	827531	1.47	cps
Scandium	45-1	1540238	1561723	1563062	1555008	0.82	cps
Scandium	45-2	75136	75076	74530	74914	0.45	cps
Selenium	77-2	1050	1027	1073	1050	2.22	cps
Selenium	78-2	3693	3604	3712	3670	1.57	cps
Selenium	82-1	22666	22441	22857	22655	0.92	cps
Silicon	28-1	1010159	1018104	1036383	1021549	1.32	cps
Silver	109-1	1116902	1118729	1119279	1118304	0.11	cps
Silver	107-1	1147304	1164485	1159389	1157060	0.76	cps
Sodium	23-2	6962335	6948862	7045775	6985657	0.75	cps
Strontium	86-1	365856	365248	365841	365648	0.09	cps
Strontium	88-1	3128489	3088717	3134807	3117338	0.80	cps
Sulfur	34-1	263599	264237	264864	264233	0.24	cps
Terbium	159-1	3020992	3020725	3067021	3036246	0.88	cps
Terbium	159-2	1684928	1696480	1709606	1697004	0.73	cps
Thallium	203-1	1263949	1266741	1283471	1271387	0.83	cps
Thallium	205-1	3050695	3082928	3112917	3082180	1.01	cps
Thorium	232-1	5550698	5592755	5598916	5580790	0.47	cps
Tin	118-1	879116	882795	886504	882805	0.42	cps
Titanium	47-1	866889	872800	871589	870426	0.36	cps
Uranium	238-1	5263723	5258799	5281462	5267994	0.23	cps
Vanadium	51-2	294360	294004	298484	295616	0.84	cps
Yttrium	89-1	2183191	2195308	2213602	2197367	0.70	cps
Yttrium	89-2	345802	346813	352828	348481	1.09	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 10:56:14	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	103258	103332	105313	103968	1.12	cps
Zirconium	90-1	1894917	1886743	1908719	1896793	0.59	cps
Zirconium	91-1	427237	425796	432253	428429	0.79	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	579208	581074	575546	578609	0.49	cps
Antimony	121-1	1983686	1981003	1990621	1985103	0.25	cps
Arsenic	75-1	412120	413157	413207	412828	0.15	cps
Barium	135-1	2758681	2750367	2765384	2758144	0.27	cps
Barium	137-1	4820676	4855648	4862220	4846181	0.46	cps
Beryllium	9-1	706834	710994	706749	708192	0.34	cps
Bismuth	209-1	1946822	1969082	1954620	1956841	0.58	cps
Bismuth	209-2	1216217	1229443	1218607	1221422	0.58	cps
Boron	10-1	132519	132919	133021	132820	0.20	cps
Boron	11-1	560313	567812	573043	567056	1.13	cps
Cadmium	111-1	566451	567969	563538	565986	0.40	cps
Cadmium	106-1	66432	67209	66799	66813	0.58	cps
Cadmium	108-1	45051	44670	45465	45062	0.88	cps
Calcium	43-1	813982	812414	812779	813058	0.10	cps
Calcium	44-1	13177869	13207281	13117834	13167661	0.35	cps
Chromium	52-2	665798	671647	662804	666750	0.67	cps
Cobalt	59-2	898325	899420	892588	896777	0.41	cps
Copper	63-2	1141786	1146337	1137832	1141985	0.37	cps
Dysprosium	156-1	33	42	25	33	25.01	cps
Dysprosium	156-2	63	57	57	59	6.53	cps
Erbium	164-1	33	25	25	28	17.31	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	42	17	33	31	41.66	cps
Gadolinium	160-2	40	20	43	34	36.64	cps
Holmium	165-1	2993901	2978588	2967903	2980131	0.44	cps
Holmium	165-2	1689545	1704309	1690214	1694689	0.49	cps
Indium	115-1	1795615	1811466	1808126	1805069	0.46	cps
Indium	115-2	398463	401551	397485	399166	0.53	cps
Iron	56-2	26939710	26917634	26554446	26803930	0.81	cps
Iron	57-2	681947	687998	682987	684310	0.47	cps
Krypton	83-1	53	50	70	58	18.55	cps
Lead	206-1	2030730	2033077	2030893	2031567	0.06	cps
Lead	207-1	1884915	1901487	1904029	1896810	0.55	cps
Lead	208-1	8477413	8516592	8525915	8506640	0.30	cps
Lithium	6-1	1121871	1124374	1130553	1125599	0.40	cps
Magnesium	24-2	6719251	6685723	6614677	6673217	0.80	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	853216	853103	846829	851049	0.43	cps
Molybdenum	94-1	4351705	4325193	4352813	4343237	0.36	cps
Molybdenum	95-1	5215199	5254438	5255957	5241864	0.44	cps
Molybdenum	96-1	5812720	5826494	5829483	5822899	0.15	cps
Molybdenum	97-1	3256807	3260709	3256269	3257928	0.07	cps
Molybdenum	98-1	8583228	8622237	8642602	8616022	0.35	cps
Neodymium	150-1	320	260	260	280	12.37	cps
Neodymium	150-2	30	23	10	21	48.24	cps
Nickel	60-2	215235	217223	216460	216306	0.46	cps
Phosphorus	31-2	28762	28837	28820	28806	0.14	cps
Potassium	39-2	2965517	2944855	2915704	2942025	0.85	cps
Rhodium	103-1	1542326	1556845	1561672	1553614	0.65	cps
Rhodium	103-2	791355	797233	790574	793054	0.46	cps
Scandium	45-1	1541004	1538974	1541923	1540634	0.10	cps
Scandium	45-2	73729	73588	72359	73225	1.03	cps
Selenium	77-2	2177	1937	1957	2024	6.58	cps
Selenium	78-2	7052	7144	7141	7112	0.74	cps
Selenium	82-1	43040	44035	43720	43599	1.17	cps
Silicon	28-1	1834447	1835696	1844055	1838066	0.28	cps
Silver	109-1	2221362	2245112	2247366	2237947	0.64	cps
Silver	107-1	2325204	2357556	2353599	2345453	0.75	cps
Sodium	23-2	13551739	13512531	13423721	13495997	0.49	cps
Strontium	86-1	716387	716785	713604	715592	0.24	cps
Strontium	88-1	6153822	6152021	6181454	6162432	0.27	cps
Sulfur	34-1	413771	417179	416559	415836	0.44	cps
Terbium	159-1	3021438	3053519	3032095	3035684	0.54	cps
Terbium	159-2	1658545	1678699	1661523	1666256	0.65	cps
Thallium	203-1	2539532	2518531	2503932	2520665	0.71	cps
Thallium	205-1	6113718	6078171	6053296	6081728	0.50	cps
Thorium	232-1	11083608	11135041	11063103	11093917	0.33	cps
Tin	118-1	1705056	1714669	1734878	1718201	0.89	cps
Titanium	47-1	1690671	1707391	1695747	1697936	0.50	cps
Uranium	238-1	10468305	10534563	10555586	10519485	0.43	cps
Vanadium	51-2	563091	571471	563903	566155	0.82	cps
Yttrium	89-1	2170152	2172750	2172599	2171834	0.07	cps
Yttrium	89-2	343853	343185	339676	342238	0.66	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:00:05	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	210101	212123	209604	210610	0.63	cps
Zirconium	90-1	3761902	3790153	3777111	3776389	0.37	cps
Zirconium	91-1	823132	828049	827721	826300	0.33	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:03:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2797244	2830592	2797767	2808534	0.68	cps
Antimony	121-1	2767	2684	2867	2773	3.31	cps
Arsenic	75-1	417	368	686	490	34.98	cps
Barium	135-1	550	517	425	497	13.02	cps
Barium	137-1	958	792	867	872	9.57	cps
Beryllium	9-1	200	210	217	209	4.01	cps
Bismuth	209-1	1677318	1727931	1710989	1705413	1.51	cps
Bismuth	209-2	1060052	1071273	1066763	1066029	0.53	cps
Boron	10-1	7344	6793	6360	6832	7.22	cps
Boron	11-1	31233	29045	27259	29179	6.82	cps
Cadmium	111-1	627	736	749	704	9.56	cps
Cadmium	106-1	817	892	933	881	6.71	cps
Cadmium	108-1	17	13	0	10	89.22	cps
Calcium	43-1	3745281	3773484	3801737	3773501	0.75	cps
Calcium	44-1	61605481	62195516	62176756	61992584	0.54	cps
Chromium	52-2	2947	2894	3104	2981	3.66	cps
Cobalt	59-2	10347	10194	10090	10210	1.27	cps
Copper	63-2	3290	3250	3614	3385	5.89	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	3	10	13	9	57.30	cps
Erbium	164-1	25	0	17	14	91.65	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	8	50	17	25	88.19	cps
Gadolinium	160-2	53	60	30	48	32.97	cps
Holmium	165-1	2748921	2884711	2834142	2822591	2.43	cps
Holmium	165-2	1613493	1632465	1614538	1620165	0.66	cps
Indium	115-1	1622032	1692590	1666701	1660441	2.15	cps
Indium	115-2	383929	387888	389129	386982	0.70	cps
Iron	56-2	127510870	128505639	128718464	128244991	0.50	cps
Iron	57-2	3186520	3226941	3210532	3207997	0.63	cps
Krypton	83-1	50	70	60	60	16.67	cps
Lead	206-1	1972	1834	1700	1835	7.42	cps
Lead	207-1	1556	1439	1400	1465	5.53	cps
Lead	208-1	7545	7307	6773	7208	5.49	cps
Lithium	6-1	1057261	1091473	1086981	1078572	1.72	cps
Magnesium	24-2	32268397	32545290	32405529	32406405	0.43	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:03:55	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2830	3044	3030	2968	4.03	cps
Molybdenum	94-1	1984	1884	1642	1836	9.57	cps
Molybdenum	95-1	2334	1950	2117	2134	9.01	cps
Molybdenum	96-1	3342	2809	2567	2906	13.65	cps
Molybdenum	97-1	1333	1317	1233	1295	4.14	cps
Molybdenum	98-1	3426	3034	3017	3159	7.32	cps
Neodymium	150-1	33	107	53	64	58.82	cps
Neodymium	150-2	20	27	23	23	14.29	cps
Nickel	60-2	2464	2637	2560	2554	3.40	cps
Phosphorus	31-2	33	42	100	58	62.27	cps
Potassium	39-2	14202578	14279757	14265403	14249246	0.29	cps
Rhodium	103-1	1369046	1425978	1411711	1402245	2.11	cps
Rhodium	103-2	723627	734011	735436	731025	0.88	cps
Scandium	45-1	1445845	1497351	1485812	1476336	1.83	cps
Scandium	45-2	73193	74312	74881	74129	1.16	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	17	15	17	11.13	cps
Selenium	82-1	50	34	18	34	47.63	cps
Silicon	28-1	132062	134820	134869	133917	1.20	cps
Silver	109-1	308	300	317	308	2.70	cps
Silver	107-1	308	275	208	264	19.29	cps
Sodium	23-2	65910360	66358583	66439060	66236001	0.43	cps
Strontium	86-1	2609	2859	2742	2736	4.57	cps
Strontium	88-1	24071	23912	22293	23425	4.20	cps
Sulfur	34-1	117679	119526	121063	119423	1.42	cps
Terbium	159-1	2786484	2924703	2884425	2865204	2.48	cps
Terbium	159-2	1576748	1599124	1596235	1590702	0.77	cps
Thallium	203-1	675	525	583	594	12.72	cps
Thallium	205-1	1609	1575	1142	1442	18.06	cps
Thorium	232-1	2467	2539	2045	2350	11.37	cps
Tin	118-1	1033	1000	800	945	13.36	cps
Titanium	47-1	642	642	667	650	2.22	cps
Uranium	238-1	1317	1400	1083	1267	12.96	cps
Vanadium	51-2	97	103	107	102	4.98	cps
Yttrium	89-1	2025791	2100440	2088512	2071581	1.94	cps
Yttrium	89-2	334895	342934	339462	339097	1.19	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:03:55	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1750	1620	1820	1730	5.87	cps
Zirconium	90-1	1475	1450	1450	1458	0.99	cps
Zirconium	91-1	317	333	350	333	5.00	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14758	14858	15250	14955	1.74	cps
Antimony	121-1	412657	410182	403642	408827	1.14	cps
Arsenic	75-1	89932	89361	88422	89238	0.85	cps
Barium	135-1	59277	58491	55838	57869	3.11	cps
Barium	137-1	102586	101436	99841	101287	1.36	cps
Beryllium	9-1	78944	78709	76166	77940	1.98	cps
Bismuth	209-1	2139379	2142988	2129826	2137398	0.32	cps
Bismuth	209-2	1296609	1328833	1344317	1323253	1.84	cps
Boron	10-1	933	883	1150	989	14.33	cps
Boron	11-1	4259	3917	4084	4087	4.18	cps
Cadmium	111-1	58161	57683	56474	57439	1.51	cps
Cadmium	106-1	6360	5843	6018	6074	4.33	cps
Cadmium	108-1	5093	4888	4993	4991	2.05	cps
Calcium	43-1	18120	18546	18062	18242	1.45	cps
Calcium	44-1	295029	291410	286805	291081	1.42	cps
Chromium	52-2	71358	72926	72263	72182	1.09	cps
Cobalt	59-2	98488	101475	101511	100491	1.73	cps
Copper	63-2	61003	62322	63567	62298	2.06	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	17	8	19	65.47	cps
Erbium	164-2	27	13	3	14	81.07	cps
Gadolinium	160-1	17	33	17	22	43.28	cps
Gadolinium	160-2	43	40	40	41	4.68	cps
Holmium	165-1	3154010	3148843	3110747	3137867	0.75	cps
Holmium	165-2	1715461	1763606	1775942	1751669	1.82	cps
Indium	115-1	2044809	2026819	2017189	2029606	0.69	cps
Indium	115-2	443813	453158	456016	450996	1.42	cps
Iron	56-2	600723	612631	614015	609123	1.20	cps
Iron	57-2	14930	15725	15636	15431	2.82	cps
Krypton	83-1	67	80	63	70	12.60	cps
Lead	206-1	436830	433410	432537	434259	0.52	cps
Lead	207-1	380058	380471	374613	378381	0.86	cps
Lead	208-1	1734264	1723271	1715810	1724448	0.54	cps
Lithium	6-1	1307736	1289275	1277068	1291360	1.20	cps
Magnesium	24-2	89459	90933	89458	89950	0.95	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45437	46323	45992	45917	0.97	cps
Molybdenum	94-1	1563867	1541124	1521328	1542107	1.38	cps
Molybdenum	95-1	2820028	2801346	2780378	2800584	0.71	cps
Molybdenum	96-1	3002128	3004901	2956344	2987791	0.91	cps
Molybdenum	97-1	1684120	1664664	1644114	1664299	1.20	cps
Molybdenum	98-1	4608383	4551461	4523533	4561126	0.95	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	24137	25018	24825	24660	1.88	cps
Phosphorus	31-2	33	42	25	33	25.01	cps
Potassium	39-2	129276	134900	129638	131271	2.40	cps
Rhodium	103-1	1859336	1825002	1801362	1828567	1.59	cps
Rhodium	103-2	906009	919937	920355	915434	0.89	cps
Scandium	45-1	1808375	1786522	1758556	1784484	1.40	cps
Scandium	45-2	79670	82263	81781	81238	1.70	cps
Selenium	77-2	460	490	467	472	3.34	cps
Selenium	78-2	1506	1502	1480	1496	0.94	cps
Selenium	82-1	9861	9474	9642	9659	2.01	cps
Silicon	28-1	64908	67160	70583	67550	4.23	cps
Silver	109-1	246623	241112	238547	242094	1.70	cps
Silver	107-1	252435	253072	247060	250856	1.32	cps
Sodium	23-2	287620	297288	294322	293076	1.69	cps
Strontium	86-1	2109	1608	1967	1895	13.60	cps
Strontium	88-1	15409	15642	15000	15350	2.12	cps
Sulfur	34-1	134207	128165	126331	129567	3.18	cps
Terbium	159-1	3215877	3231529	3223317	3223575	0.24	cps
Terbium	159-2	1700593	1750471	1766364	1739143	1.97	cps
Thallium	203-1	517218	513572	506708	512499	1.04	cps
Thallium	205-1	1232104	1222890	1213005	1222666	0.78	cps
Thorium	232-1	456	467	339	420	16.84	cps
Tin	118-1	242	217	275	244	11.97	cps
Titanium	47-1	939507	929157	911543	926735	1.53	cps
Uranium	238-1	75	25	75	58	49.49	cps
Vanadium	51-2	58927	60038	60450	59805	1.32	cps
Yttrium	89-1	2476856	2419461	2410060	2435459	1.48	cps
Yttrium	89-2	369114	375064	376370	373516	1.04	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:22:54	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	22010	22938	22468	22472	2.07	cps
Zirconium	90-1	533	508	400	481	14.75	cps
Zirconium	91-1	250	208	200	219	12.21	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:26:31 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	42	42	28	86.60	cps
Antimony	121-1	417	333	317	356	15.07	cps
Arsenic	75-1	-33	-105	-111	-83	-52.00	cps
Barium	135-1	0	8	17	8	100.02	cps
Barium	137-1	25	25	0	17	86.60	cps
Beryllium	9-1	67	90	60	72	21.81	cps
Bismuth	209-1	2146618	2157358	2121352	2141776	0.86	cps
Bismuth	209-2	1355616	1351822	1365243	1357560	0.51	cps
Boron	10-1	892	825	958	892	7.48	cps
Boron	11-1	3501	3567	3567	3545	1.09	cps
Cadmium	111-1	658	719	670	682	4.73	cps
Cadmium	106-1	942	1025	950	972	4.72	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	33	42	67	47	36.74	cps
Calcium	44-1	1684	1517	1800	1667	8.54	cps
Chromium	52-2	233	253	237	241	4.44	cps
Cobalt	59-2	20	20	23	21	9.11	cps
Copper	63-2	130	133	120	128	5.43	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	8	8	11	43.34	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	0	17	8	8	100.02	cps
Gadolinium	160-2	33	23	40	32	26.04	cps
Holmium	165-1	3131124	3173064	3146321	3150170	0.67	cps
Holmium	165-2	1795602	1812475	1835400	1814492	1.10	cps
Indium	115-1	2063385	2041246	2049731	2051454	0.54	cps
Indium	115-2	471852	475530	480044	475808	0.86	cps
Iron	56-2	989	895	995	959	5.86	cps
Iron	57-2	33	22	28	28	20.00	cps
Krypton	83-1	50	60	80	63	24.12	cps
Lead	206-1	200	206	172	193	9.27	cps
Lead	207-1	156	128	167	150	13.35	cps
Lead	208-1	700	622	711	678	7.15	cps
Lithium	6-1	1308727	1303913	1313314	1308652	0.36	cps
Magnesium	24-2	133	125	83	114	23.52	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:26:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	10	20	3	11	75.52	cps
Molybdenum	94-1	492	575	283	450	33.38	cps
Molybdenum	95-1	892	700	608	733	19.71	cps
Molybdenum	96-1	950	683	658	764	21.16	cps
Molybdenum	97-1	425	433	408	422	3.02	cps
Molybdenum	98-1	1058	1000	800	953	14.22	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	27	23	21	32.88	cps
Phosphorus	31-2	58	33	75	56	37.75	cps
Potassium	39-2	4643	4743	5259	4882	6.78	cps
Rhodium	103-1	1889531	1867187	1878627	1878449	0.59	cps
Rhodium	103-2	961328	969017	967183	965842	0.42	cps
Scandium	45-1	1804251	1808534	1804070	1805618	0.14	cps
Scandium	45-2	87070	87898	87892	87620	0.54	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	17	17	14	39.36	cps
Selenium	82-1	17	9	-12	5	326.47	cps
Silicon	28-1	56724	54784	54082	55197	2.48	cps
Silver	109-1	25	58	58	47	40.76	cps
Silver	107-1	33	58	42	44	28.65	cps
Sodium	23-2	2900	2934	3025	2953	2.19	cps
Strontium	86-1	108	67	158	111	41.31	cps
Strontium	88-1	92	50	8	50	83.34	cps
Sulfur	34-1	133948	135268	135360	134859	0.59	cps
Terbium	159-1	3233172	3209347	3244471	3228997	0.56	cps
Terbium	159-2	1780042	1803623	1802048	1795237	0.73	cps
Thallium	203-1	100	183	117	133	33.07	cps
Thallium	205-1	425	217	292	311	33.92	cps
Thorium	232-1	133	128	139	133	4.17	cps
Tin	118-1	250	208	233	231	9.10	cps
Titanium	47-1	108	75	100	94	18.37	cps
Uranium	238-1	17	0	17	11	86.60	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	2470031	2450595	2451891	2457506	0.44	cps
Yttrium	89-2	394398	400342	398075	397605	0.75	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:26:31	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	53	63	57	58	8.81	cps
Zirconium	90-1	233	208	200	214	8.11	cps
Zirconium	91-1	50	42	42	44	10.82	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2816068	2821635	2833929	2823877	0.32	cps
Antimony	121-1	2600	2342	2534	2492	5.38	cps
Arsenic	75-1	735	834	623	730	14.45	cps
Barium	135-1	858	808	842	836	3.05	cps
Barium	137-1	1700	1559	1659	1639	4.44	cps
Beryllium	9-1	247	267	247	253	4.56	cps
Bismuth	209-1	1978305	1976461	1958441	1971069	0.56	cps
Bismuth	209-2	1210031	1221509	1228838	1220126	0.78	cps
Boron	10-1	767	692	725	728	5.16	cps
Boron	11-1	3167	3159	3034	3120	2.39	cps
Cadmium	111-1	912	1047	1055	1005	7.99	cps
Cadmium	106-1	875	875	825	858	3.36	cps
Cadmium	108-1	888	754	800	814	8.32	cps
Calcium	43-1	874299	872320	866127	870916	0.49	cps
Calcium	44-1	14289769	14226061	14262957	14259596	0.22	cps
Chromium	52-2	14848	14938	14771	14852	0.56	cps
Cobalt	59-2	1177	1193	1210	1193	1.40	cps
Copper	63-2	4561	4724	4781	4689	2.44	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	8	17	33	19	65.47	cps
Erbium	164-2	10	10	10	10	0.00	cps
Gadolinium	160-1	8	25	8	14	69.31	cps
Gadolinium	160-2	57	37	50	48	21.31	cps
Holmium	165-1	3106880	3125942	3080846	3104556	0.73	cps
Holmium	165-2	1735085	1750808	1760038	1748644	0.72	cps
Indium	115-1	1911828	1896936	1889877	1899547	0.59	cps
Indium	115-2	422830	420946	427114	423630	0.75	cps
Iron	56-2	57874085	57965219	58139746	57993017	0.23	cps
Iron	57-2	1425215	1446912	1435697	1435941	0.76	cps
Krypton	83-1	63	63	70	66	5.87	cps
Lead	206-1	10732	10577	10794	10701	1.04	cps
Lead	207-1	8964	9076	8581	8874	2.93	cps
Lead	208-1	41521	40931	40352	40935	1.43	cps
Lithium	6-1	1179756	1178235	1168397	1175463	0.52	cps
Magnesium	24-2	7157173	7174769	7193165	7175035	0.25	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3877	3874	3934	3895	0.87	cps
Molybdenum	94-1	1226318	1222529	1213902	1220916	0.52	cps
Molybdenum	95-1	2140595	2141991	2135080	2139222	0.17	cps
Molybdenum	96-1	2289968	2286113	2281007	2285696	0.20	cps
Molybdenum	97-1	1357954	1342308	1350722	1350328	0.58	cps
Molybdenum	98-1	3612260	3625319	3597467	3611682	0.39	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1160	1463	1290	1305	11.67	cps
Phosphorus	31-2	147675	144930	147471	146692	1.04	cps
Potassium	39-2	6253394	6256334	6306557	6272095	0.48	cps
Rhodium	103-1	1634675	1620224	1629037	1627979	0.45	cps
Rhodium	103-2	819707	825482	837064	827418	1.07	cps
Scandium	45-1	1658920	1631447	1628002	1639456	1.03	cps
Scandium	45-2	78074	77062	78406	77847	0.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	9	17	26	17	48.32	cps
Selenium	82-1	19	24	19	21	14.41	cps
Silicon	28-1	91085	91755	90457	91099	0.71	cps
Silver	109-1	108	150	117	125	17.64	cps
Silver	107-1	158	142	108	136	18.70	cps
Sodium	23-2	14508336	14526523	14493074	14509311	0.12	cps
Strontium	86-1	26993	26508	26742	26748	0.91	cps
Strontium	88-1	229311	228185	224116	227204	1.20	cps
Sulfur	34-1	1686743	1672583	1672122	1677149	0.50	cps
Terbium	159-1	3168302	3164986	3164238	3165842	0.07	cps
Terbium	159-2	1703992	1715697	1730930	1716873	0.79	cps
Thallium	203-1	342	317	350	336	5.16	cps
Thallium	205-1	658	767	958	795	19.12	cps
Thorium	232-1	200	161	172	178	11.27	cps
Tin	118-1	542	408	483	478	13.99	cps
Titanium	47-1	753206	748232	745059	748833	0.55	cps
Uranium	238-1	192	242	292	242	20.69	cps
Vanadium	51-2	97	83	73	84	13.87	cps
Yttrium	89-1	2308786	2300202	2294513	2301167	0.31	cps
Yttrium	89-2	359688	360689	365998	362125	0.94	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:30:08	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1640	1790	1767	1732	4.66	cps
Zirconium	90-1	317	300	175	264	29.34	cps
Zirconium	91-1	83	50	83	72	26.65	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2844819	2847283	2825157	2839086	0.43	cps
Antimony	121-1	45842	45090	45049	45327	0.99	cps
Arsenic	75-1	10238	9716	9645	9866	3.28	cps
Barium	135-1	12982	13223	13290	13165	1.23	cps
Barium	137-1	23921	21660	22527	22703	5.03	cps
Beryllium	9-1	15715	15465	15421	15534	1.02	cps
Bismuth	209-1	1998885	1976490	1985840	1987072	0.57	cps
Bismuth	209-2	1217214	1229599	1228162	1224992	0.55	cps
Boron	10-1	7719	7060	7611	7463	4.73	cps
Boron	11-1	34106	34081	33588	33925	0.86	cps
Cadmium	111-1	12140	12529	12868	12512	2.91	cps
Cadmium	106-1	2775	2567	2417	2586	6.96	cps
Cadmium	108-1	1808	1658	1834	1767	5.36	cps
Calcium	43-1	895431	878879	880237	884849	1.04	cps
Calcium	44-1	14473840	14415202	14480753	14456598	0.25	cps
Chromium	52-2	29319	29269	29379	29323	0.19	cps
Cobalt	59-2	21393	20665	21069	21042	1.73	cps
Copper	63-2	16893	16743	16990	16875	0.74	cps
Dysprosium	156-1	25	8	0	11	114.58	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	17	8	42	22	78.07	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Gadolinium	160-2	37	33	43	38	13.48	cps
Holmium	165-1	3157118	3142887	3170207	3156737	0.43	cps
Holmium	165-2	1754022	1764634	1772325	1763660	0.52	cps
Indium	115-1	1936621	1913782	1908822	1919741	0.77	cps
Indium	115-2	424126	428015	429173	427105	0.62	cps
Iron	56-2	58304964	58037479	58123958	58155467	0.23	cps
Iron	57-2	1436424	1432292	1440849	1436522	0.30	cps
Krypton	83-1	87	70	83	80	11.02	cps
Lead	206-1	57273	57112	57140	57175	0.15	cps
Lead	207-1	47468	47039	46699	47069	0.82	cps
Lead	208-1	219112	217535	217063	217903	0.49	cps
Lithium	6-1	1199706	1189408	1187432	1192182	0.55	cps
Magnesium	24-2	7192561	7216466	7201861	7203630	0.17	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12993	12979	13293	13088	1.35	cps
Molybdenum	94-1	1358956	1340684	1341682	1347107	0.76	cps
Molybdenum	95-1	2234229	2209666	2222563	2222153	0.55	cps
Molybdenum	96-1	2403222	2367390	2379343	2383318	0.77	cps
Molybdenum	97-1	1414242	1404605	1401755	1406867	0.47	cps
Molybdenum	98-1	3784908	3750655	3769092	3768218	0.45	cps
Neodymium	150-1	20	20	13	18	21.66	cps
Neodymium	150-2	3	3	7	4	43.40	cps
Nickel	60-2	5891	6185	5688	5921	4.22	cps
Phosphorus	31-2	148102	146791	147556	147483	0.45	cps
Potassium	39-2	6317902	6310860	6301878	6310214	0.13	cps
Rhodium	103-1	1673108	1635762	1639269	1649380	1.25	cps
Rhodium	103-2	834786	835487	835660	835311	0.06	cps
Scandium	45-1	1669038	1658373	1663032	1663481	0.32	cps
Scandium	45-2	77937	78660	78677	78425	0.54	cps
Selenium	77-2	37	20	50	36	42.27	cps
Selenium	78-2	161	178	137	159	12.91	cps
Selenium	82-1	906	929	885	906	2.44	cps
Silicon	28-1	190505	187569	186880	188318	1.02	cps
Silver	109-1	45767	45064	44931	45254	0.99	cps
Silver	107-1	48350	47163	46761	47425	1.74	cps
Sodium	23-2	14431146	14489255	14476797	14465733	0.21	cps
Strontium	86-1	78012	74821	75431	76088	2.23	cps
Strontium	88-1	657268	646535	654019	652607	0.84	cps
Sulfur	34-1	1700710	1671892	1673459	1682020	0.96	cps
Terbium	159-1	3211769	3189062	3214811	3205214	0.44	cps
Terbium	159-2	1726695	1732753	1748937	1736128	0.66	cps
Thallium	203-1	54060	54060	53534	53885	0.56	cps
Thallium	205-1	130671	129089	130890	130217	0.75	cps
Thorium	232-1	2434	2211	2067	2237	8.26	cps
Tin	118-1	97311	97605	99266	98061	1.08	cps
Titanium	47-1	777226	773507	772203	774312	0.34	cps
Uranium	238-1	588573	582070	588433	586359	0.63	cps
Vanadium	51-2	12672	12108	12459	12413	2.29	cps
Yttrium	89-1	2361885	2336250	2334939	2344358	0.65	cps
Yttrium	89-2	364175	364686	365549	364803	0.19	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:33:43	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	3477	3440	3317	3412	2.46	cps
Zirconium	90-1	220556	217443	220198	219399	0.78	cps
Zirconium	91-1	48099	48299	48533	48310	0.45	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1466425	1470103	1488443	1474991	0.80	cps
Antimony	121-1	1082217	1080831	1068779	1077276	0.69	cps
Arsenic	75-1	221735	220326	214957	219006	1.63	cps
Barium	135-1	1461394	1468022	1444724	1458047	0.82	cps
Barium	137-1	2506743	2616031	2574549	2565774	2.15	cps
Beryllium	9-1	359291	363233	355657	359394	1.05	cps
Bismuth	209-1	1942585	1948853	1928108	1939849	0.55	cps
Bismuth	209-2	1169534	1185892	1196959	1184128	1.17	cps
Boron	10-1	65827	66388	65400	65872	0.75	cps
Boron	11-1	286621	288828	287287	287579	0.39	cps
Cadmium	111-1	289125	287311	284973	287136	0.72	cps
Cadmium	106-1	34552	34209	33649	34137	1.33	cps
Cadmium	108-1	22560	23019	22335	22638	1.54	cps
Calcium	43-1	2047467	2059388	2015357	2040737	1.12	cps
Calcium	44-1	33808620	33909340	33436238	33718066	0.74	cps
Chromium	52-2	354368	359628	363394	359130	1.26	cps
Cobalt	59-2	467647	474434	476405	472829	0.97	cps
Copper	63-2	582390	585907	589619	585972	0.62	cps
Dysprosium	156-1	42	92	17	50	76.37	cps
Dysprosium	156-2	53	37	37	42	22.78	cps
Erbium	164-1	0	25	17	14	91.65	cps
Erbium	164-2	7	13	3	8	65.47	cps
Gadolinium	160-1	0	17	17	11	86.60	cps
Gadolinium	160-2	43	40	60	48	22.43	cps
Holmium	165-1	3124055	3101731	3081659	3102482	0.68	cps
Holmium	165-2	1721336	1738420	1770341	1743365	1.43	cps
Indium	115-1	1863552	1858614	1833972	1852046	0.86	cps
Indium	115-2	409268	410977	418674	412973	1.21	cps
Iron	56-2	68118520	68305668	68966975	68463721	0.65	cps
Iron	57-2	1736604	1755746	1778807	1757053	1.20	cps
Krypton	83-1	67	70	53	63	13.93	cps
Lead	206-1	1047311	1043719	1035379	1042136	0.59	cps
Lead	207-1	962312	950770	944457	952513	0.95	cps
Lead	208-1	4259687	4231502	4188099	4226429	0.85	cps
Lithium	6-1	1157194	1161622	1144707	1154508	0.76	cps
Magnesium	24-2	17057706	16967904	17291077	17105562	0.98	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	443308	447542	455827	448892	1.42	cps
Molybdenum	94-1	2225350	2227725	2198962	2217346	0.72	cps
Molybdenum	95-1	2770823	2773582	2741086	2761830	0.65	cps
Molybdenum	96-1	3074861	3100317	3050406	3075195	0.81	cps
Molybdenum	97-1	1661571	1664376	1647745	1657897	0.54	cps
Molybdenum	98-1	4549801	4552429	4511360	4537864	0.51	cps
Neodymium	150-1	127	173	160	153	15.68	cps
Neodymium	150-2	17	13	37	22	56.80	cps
Nickel	60-2	110979	111369	112863	111737	0.89	cps
Phosphorus	31-2	14900	14966	14633	14833	1.19	cps
Potassium	39-2	7509764	7563628	7597445	7556946	0.59	cps
Rhodium	103-1	1572694	1576251	1551884	1566943	0.84	cps
Rhodium	103-2	789499	795385	808751	797879	1.24	cps
Scandium	45-1	1623123	1625467	1595668	1614753	1.03	cps
Scandium	45-2	76436	77555	78430	77473	1.29	cps
Selenium	77-2	1100	1143	1167	1137	2.98	cps
Selenium	78-2	3565	3782	3658	3668	2.96	cps
Selenium	82-1	22504	22450	22308	22421	0.45	cps
Silicon	28-1	927287	930309	924084	927227	0.34	cps
Silver	109-1	1165231	1158293	1138124	1153883	1.22	cps
Silver	107-1	1211586	1211931	1190578	1204698	1.02	cps
Sodium	23-2	34474958	34210487	34700420	34461955	0.71	cps
Strontium	86-1	380831	378515	375326	378224	0.73	cps
Strontium	88-1	3283554	3273936	3215803	3257764	1.13	cps
Sulfur	34-1	270131	273872	273178	272394	0.73	cps
Terbium	159-1	3171110	3166455	3137314	3158293	0.58	cps
Terbium	159-2	1694692	1702099	1739267	1712020	1.40	cps
Thallium	203-1	1268551	1259982	1243311	1257281	1.02	cps
Thallium	205-1	3081108	3079567	3069892	3076856	0.20	cps
Thorium	232-1	5620492	5629849	5553753	5601365	0.74	cps
Tin	118-1	888937	886568	884380	886628	0.26	cps
Titanium	47-1	909168	909706	892164	903679	1.10	cps
Uranium	238-1	5284907	5298993	5190657	5258186	1.12	cps
Vanadium	51-2	302111	304219	307882	304738	0.96	cps
Yttrium	89-1	2276055	2258739	2239677	2258157	0.81	cps
Yttrium	89-2	354580	357426	364261	358756	1.39	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV29	Instrumnet Name :	P7
Client Sample ID :	CCV29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:37:19	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	102204	102083	103698	102662	0.88	cps
Zirconium	90-1	1967939	1970211	1945082	1961077	0.71	cps
Zirconium	91-1	448321	446732	442012	445689	0.74	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	125	108	13.33	cps
Antimony	121-1	883	1000	850	911	8.64	cps
Arsenic	75-1	19	-26	-83	-30	-169.10	cps
Barium	135-1	58	133	117	103	38.31	cps
Barium	137-1	175	167	92	144	31.77	cps
Beryllium	9-1	130	123	93	116	16.90	cps
Bismuth	209-1	2203920	2166556	2164070	2178182	1.02	cps
Bismuth	209-2	1372418	1368229	1372517	1371054	0.18	cps
Boron	10-1	3426	2967	3175	3189	7.20	cps
Boron	11-1	14674	13456	12155	13429	9.38	cps
Cadmium	111-1	805	652	640	699	13.20	cps
Cadmium	106-1	1108	883	867	953	14.17	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	200	175	150	175	14.28	cps
Calcium	44-1	4793	3917	3717	4142	13.81	cps
Chromium	52-2	257	273	240	257	6.49	cps
Cobalt	59-2	20	40	27	29	35.25	cps
Copper	63-2	187	233	180	200	14.53	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	17	17	17	17	0.00	cps
Erbium	164-2	3	13	10	9	57.30	cps
Gadolinium	160-1	8	8	17	11	43.34	cps
Gadolinium	160-2	47	40	67	51	27.15	cps
Holmium	165-1	3247049	3224056	3264793	3245299	0.63	cps
Holmium	165-2	1858488	1842119	1843701	1848103	0.49	cps
Indium	115-1	2121852	2111524	2090430	2107935	0.76	cps
Indium	115-2	484227	484904	484303	484478	0.08	cps
Iron	56-2	4595	3901	4028	4175	8.86	cps
Iron	57-2	89	100	111	100	11.11	cps
Krypton	83-1	73	97	70	80	18.16	cps
Lead	206-1	322	344	350	339	4.34	cps
Lead	207-1	283	256	294	278	7.21	cps
Lead	208-1	1383	1306	1272	1320	4.32	cps
Lithium	6-1	1314726	1311897	1313940	1313521	0.11	cps
Magnesium	24-2	775	867	633	758	15.50	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	37	27	40	38.18	cps
Molybdenum	94-1	667	608	425	567	22.25	cps
Molybdenum	95-1	892	658	692	747	16.89	cps
Molybdenum	96-1	850	817	800	822	3.10	cps
Molybdenum	97-1	533	583	467	528	11.09	cps
Molybdenum	98-1	1375	1250	1100	1242	11.09	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	33	20	37	30	29.40	cps
Phosphorus	31-2	58	33	58	50	28.88	cps
Potassium	39-2	6343	5768	5710	5940	5.89	cps
Rhodium	103-1	1947121	1917405	1917895	1927474	0.88	cps
Rhodium	103-2	987087	992097	984691	987958	0.38	cps
Scandium	45-1	1863954	1851915	1853060	1856310	0.36	cps
Scandium	45-2	88388	90058	88968	89138	0.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	22	7	15	48.48	cps
Selenium	82-1	13	-25	9	-1	-2115.59	cps
Silicon	28-1	58431	57787	58532	58250	0.69	cps
Silver	109-1	192	133	133	153	22.05	cps
Silver	107-1	208	250	183	214	15.75	cps
Sodium	23-2	11571	11213	10095	10960	7.02	cps
Strontium	86-1	167	200	125	164	22.93	cps
Strontium	88-1	292	300	208	267	19.01	cps
Sulfur	34-1	140499	142762	139808	141023	1.10	cps
Terbium	159-1	3345134	3325110	3339018	3336421	0.31	cps
Terbium	159-2	1824452	1825626	1826919	1825665	0.07	cps
Thallium	203-1	525	250	333	369	38.17	cps
Thallium	205-1	1042	825	742	870	17.81	cps
Thorium	232-1	1045	845	833	907	13.09	cps
Tin	118-1	725	467	433	542	29.50	cps
Titanium	47-1	142	108	83	111	26.34	cps
Uranium	238-1	408	317	217	314	30.54	cps
Vanadium	51-2	7	13	13	11	34.61	cps
Yttrium	89-1	2552116	2521341	2525796	2533084	0.66	cps
Yttrium	89-2	403098	410021	406328	406482	0.85	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB29	Instrumnet Name :	P7
Client Sample ID :	CCB29	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:40:57	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	43	50	57	50	13.34	cps
Zirconium	90-1	508	383	450	447	13.99	cps
Zirconium	91-1	83	133	100	106	24.12	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658	767	725	717	7.62	cps
Antimony	121-1	4418	4718	4768	4634	4.09	cps
Arsenic	75-1	592	505	207	435	46.39	cps
Barium	135-1	6694	6727	6077	6499	5.63	cps
Barium	137-1	11347	10946	10796	11030	2.58	cps
Beryllium	9-1	983	1007	983	991	1.36	cps
Bismuth	209-1	2204165	2191789	2184721	2193558	0.45	cps
Bismuth	209-2	1378919	1381051	1385104	1381691	0.23	cps
Boron	10-1	5343	5118	5101	5187	2.60	cps
Boron	11-1	22150	23118	22559	22609	2.15	cps
Cadmium	111-1	1404	1430	1424	1419	0.94	cps
Cadmium	106-1	1167	1142	1142	1150	1.26	cps
Cadmium	108-1	42	46	54	47	13.48	cps
Calcium	43-1	4943	5193	5084	5073	2.47	cps
Calcium	44-1	83067	82631	82077	82592	0.60	cps
Chromium	52-2	1813	1917	1833	1855	2.96	cps
Cobalt	59-2	1067	1133	1173	1125	4.79	cps
Copper	63-2	1603	1563	1643	1603	2.49	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	8	0	17	8	100.02	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	0	17	25	14	91.65	cps
Gadolinium	160-2	47	43	20	37	39.63	cps
Holmium	165-1	3335355	3351165	3337398	3341306	0.26	cps
Holmium	165-2	1893085	1887650	1891050	1890595	0.15	cps
Indium	115-1	2182100	2145846	2143147	2157031	1.01	cps
Indium	115-2	493939	492464	493359	493254	0.15	cps
Iron	56-2	39604	40746	40517	40289	1.50	cps
Iron	57-2	1067	933	1095	1032	8.35	cps
Krypton	83-1	57	90	93	80	25.34	cps
Lead	206-1	2550	2550	2600	2567	1.12	cps
Lead	207-1	2295	2256	2189	2247	2.38	cps
Lead	208-1	10619	10124	9935	10226	3.45	cps
Lithium	6-1	1360303	1351231	1352455	1354663	0.36	cps
Magnesium	24-2	43698	44801	44993	44497	1.57	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	583	587	563	578	2.18	cps
Molybdenum	94-1	5268	5385	5310	5321	1.11	cps
Molybdenum	95-1	6744	6535	6410	6563	2.57	cps
Molybdenum	96-1	7511	7002	7044	7185	3.93	cps
Molybdenum	97-1	4067	4184	4151	4134	1.45	cps
Molybdenum	98-1	10788	10713	10771	10757	0.37	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	343	363	339	7.95	cps
Phosphorus	31-2	150	125	133	136	9.35	cps
Potassium	39-2	42220	41893	41425	41846	0.95	cps
Rhodium	103-1	1999069	1967059	1971569	1979232	0.88	cps
Rhodium	103-2	1007239	1012505	1010293	1010012	0.26	cps
Scandium	45-1	1930932	1922798	1915173	1922968	0.41	cps
Scandium	45-2	92352	92322	92624	92433	0.18	cps
Selenium	77-2	27	10	13	17	52.93	cps
Selenium	78-2	61	56	50	56	10.00	cps
Selenium	82-1	252	250	312	271	12.97	cps
Silicon	28-1	76052	75181	73346	74860	1.84	cps
Silver	109-1	2809	2692	2725	2742	2.19	cps
Silver	107-1	2850	2825	3009	2895	3.44	cps
Sodium	23-2	89474	89381	88670	89175	0.49	cps
Strontium	86-1	842	892	992	908	8.41	cps
Strontium	88-1	7269	7244	7085	7199	1.38	cps
Sulfur	34-1	154812	154880	154316	154669	0.20	cps
Terbium	159-1	3425413	3449216	3416634	3430421	0.49	cps
Terbium	159-2	1864476	1880925	1879403	1874935	0.48	cps
Thallium	203-1	2792	2925	2834	2850	2.39	cps
Thallium	205-1	6844	6852	6944	6880	0.81	cps
Thorium	232-1	10905	10694	10188	10595	3.48	cps
Tin	118-1	10721	10404	10229	10451	2.39	cps
Titanium	47-1	2100	2175	2034	2103	3.37	cps
Uranium	238-1	10071	10455	10446	10324	2.12	cps
Vanadium	51-2	3761	3487	3570	3606	3.89	cps
Yttrium	89-1	2610112	2600076	2592306	2600832	0.34	cps
Yttrium	89-2	414616	414622	415956	415064	0.19	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:44:33	DataFile Name :	019SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	407	390	473	423	10.42	cps
Zirconium	90-1	4509	4676	4609	4598	1.82	cps
Zirconium	91-1	1025	925	1075	1008	7.57	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : PB120908BL Instrumnet Name : P7
 Client Sample ID : PB120908BL Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:48:09 DataFile Name : 020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	8	17	50.01	cps
Antimony	121-1	233	117	133	161	39.16	cps
Arsenic	75-1	-64	-72	-112	-83	-31.29	cps
Barium	135-1	8	25	8	14	69.31	cps
Barium	137-1	8	25	8	14	69.31	cps
Beryllium	9-1	110	87	70	89	22.60	cps
Bismuth	209-1	2197552	2149691	2165965	2171069	1.12	cps
Bismuth	209-2	1368592	1379912	1373810	1374105	0.41	cps
Boron	10-1	1167	1317	1117	1200	8.67	cps
Boron	11-1	5726	5184	4909	5273	7.88	cps
Cadmium	111-1	633	743	805	727	12.02	cps
Cadmium	106-1	892	1050	1150	1031	12.64	cps
Cadmium	108-1	0	0	0	0	0.00	cps
Calcium	43-1	58	50	25	44	39.04	cps
Calcium	44-1	1959	1708	2209	1959	12.77	cps
Chromium	52-2	293	260	233	262	11.46	cps
Cobalt	59-2	3	13	7	8	65.47	cps
Copper	63-2	143	197	193	178	16.80	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	0	8	0	3	173.21	cps
Erbium	164-2	0	13	3	6	124.93	cps
Gadolinium	160-1	0	25	17	14	91.65	cps
Gadolinium	160-2	37	37	27	33	17.32	cps
Holmium	165-1	3293020	3302309	3298969	3298099	0.14	cps
Holmium	165-2	1870783	1886292	1875859	1877645	0.42	cps
Indium	115-1	2175530	2135427	2128703	2146553	1.18	cps
Indium	115-2	485651	491599	494509	490586	0.92	cps
Iron	56-2	1439	1445	1272	1385	7.07	cps
Iron	57-2	50	61	39	50	22.22	cps
Krypton	83-1	80	77	90	82	8.44	cps
Lead	206-1	194	172	161	176	9.65	cps
Lead	207-1	178	156	150	161	9.13	cps
Lead	208-1	717	778	633	709	10.22	cps
Lithium	6-1	1373539	1354256	1363124	1363640	0.71	cps
Magnesium	24-2	158	183	192	178	9.76	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BL	Instrumnet Name :	P7
Client Sample ID :	PB120908BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:48:09	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	20	13	18	21.66	cps
Molybdenum	94-1	200	150	175	175	14.28	cps
Molybdenum	95-1	142	92	117	117	21.43	cps
Molybdenum	96-1	117	158	158	144	16.66	cps
Molybdenum	97-1	33	25	25	28	17.31	cps
Molybdenum	98-1	233	100	92	142	56.12	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	13	27	17	19	36.75	cps
Phosphorus	31-2	42	33	33	36	13.33	cps
Potassium	39-2	4884	4976	5243	5034	3.70	cps
Rhodium	103-1	1993573	1949695	1955055	1966108	1.22	cps
Rhodium	103-2	999291	1003094	1005453	1002612	0.31	cps
Scandium	45-1	1948317	1894854	1913888	1919019	1.41	cps
Scandium	45-2	90736	90742	92879	91452	1.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	22	22	15	20	21.66	cps
Selenium	82-1	-2	13	-5	2	461.68	cps
Silicon	28-1	60395	55253	55670	57106	5.00	cps
Silver	109-1	42	83	33	53	50.76	cps
Silver	107-1	50	33	67	50	33.34	cps
Sodium	23-2	4042	4151	4026	4073	1.67	cps
Strontium	86-1	117	175	83	125	37.12	cps
Strontium	88-1	83	67	33	61	41.67	cps
Sulfur	34-1	147952	147784	147018	147585	0.34	cps
Terbium	159-1	3428508	3388934	3399670	3405704	0.60	cps
Terbium	159-2	1845969	1866214	1843349	1851844	0.68	cps
Thallium	203-1	75	100	50	75	33.34	cps
Thallium	205-1	325	283	258	289	11.66	cps
Thorium	232-1	167	222	128	172	27.56	cps
Tin	118-1	217	233	242	231	5.52	cps
Titanium	47-1	17	50	33	33	50.00	cps
Uranium	238-1	42	33	33	36	13.33	cps
Vanadium	51-2	10	3	0	4	114.60	cps
Yttrium	89-1	2670552	2573373	2594471	2612799	1.96	cps
Yttrium	89-2	412168	416938	413518	414208	0.59	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BL	Instrumnet Name :	P7
Client Sample ID :	PB120908BL	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:48:09	DataFile Name :	020CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113	110	80	101	18.16	cps
Zirconium	90-1	142	233	292	222	34.03	cps
Zirconium	91-1	108	17	42	56	85.29	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	328675	336567	333772	333005	1.20	cps
Antimony	121-1	1111206	1092189	1089234	1097543	1.09	cps
Arsenic	75-1	242153	235690	234827	237557	1.69	cps
Barium	135-1	1526470	1501853	1504315	1510879	0.90	cps
Barium	137-1	2720610	2685577	2709411	2705199	0.66	cps
Beryllium	9-1	409302	403175	399586	404021	1.22	cps
Bismuth	209-1	1947733	2049981	2054128	2017281	2.99	cps
Bismuth	209-2	1272136	1264738	1283587	1273487	0.75	cps
Boron	10-1	71737	73161	73957	72951	1.54	cps
Boron	11-1	309319	315749	316766	313945	1.29	cps
Cadmium	111-1	302385	297791	299577	299918	0.77	cps
Cadmium	106-1	37133	35261	35144	35846	3.11	cps
Cadmium	108-1	23854	23641	23549	23681	0.66	cps
Calcium	43-1	475542	461765	466647	467985	1.49	cps
Calcium	44-1	7747481	7558973	7651056	7652503	1.23	cps
Chromium	52-2	385727	386325	387269	386440	0.20	cps
Cobalt	59-2	520478	521647	524456	522194	0.39	cps
Copper	63-2	623212	630800	632264	628759	0.77	cps
Dysprosium	156-1	42	58	42	47	20.38	cps
Dysprosium	156-2	20	30	43	31	37.62	cps
Erbium	164-1	17	33	8	19	65.47	cps
Erbium	164-2	20	3	7	10	88.20	cps
Gadolinium	160-1	8	25	25	19	49.50	cps
Gadolinium	160-2	53	50	43	49	10.42	cps
Holmium	165-1	3028632	3227191	3255185	3170336	3.90	cps
Holmium	165-2	1800527	1762626	1801250	1788135	1.24	cps
Indium	115-1	1866675	1970508	1970892	1936025	3.10	cps
Indium	115-2	441858	428686	445920	438821	2.05	cps
Iron	56-2	15608732	15765391	15751838	15708654	0.55	cps
Iron	57-2	393771	392876	398845	395164	0.81	cps
Krypton	83-1	73	83	50	69	24.83	cps
Lead	206-1	1119565	1108438	1115960	1114654	0.51	cps
Lead	207-1	1013013	1008173	1003627	1008271	0.47	cps
Lead	208-1	4611766	4550833	4570537	4577712	0.68	cps
Lithium	6-1	1199998	1247744	1243210	1230317	2.14	cps
Magnesium	24-2	3831713	3881020	3873992	3862241	0.69	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	488580	493678	495714	492657	0.75	cps
Molybdenum	94-1	2387130	2362937	2348479	2366182	0.83	cps
Molybdenum	95-1	3015622	2975945	2978149	2989905	0.75	cps
Molybdenum	96-1	3345752	3312721	3295205	3317893	0.77	cps
Molybdenum	97-1	1791453	1754881	1757182	1767839	1.16	cps
Molybdenum	98-1	4948730	4880309	4868851	4899297	0.88	cps
Neodymium	150-1	160	133	160	151	10.19	cps
Neodymium	150-2	13	27	17	19	36.75	cps
Nickel	60-2	125992	127481	128124	127199	0.86	cps
Phosphorus	31-2	16827	16727	16602	16718	0.67	cps
Potassium	39-2	1694582	1721486	1724650	1713573	0.96	cps
Rhodium	103-1	1640325	1729585	1742853	1704254	3.27	cps
Rhodium	103-2	889094	865683	881338	878705	1.36	cps
Scandium	45-1	1639020	1708101	1721987	1689703	2.63	cps
Scandium	45-2	81466	80337	82904	81569	1.58	cps
Selenium	77-2	1077	1203	1167	1149	5.67	cps
Selenium	78-2	3962	3954	4049	3988	1.32	cps
Selenium	82-1	25218	24650	25069	24979	1.18	cps
Silicon	28-1	1036127	1021806	1023123	1027019	0.77	cps
Silver	109-1	1224098	1211916	1211630	1215881	0.59	cps
Silver	107-1	1278487	1263466	1265431	1269128	0.64	cps
Sodium	23-2	7751578	7820282	7817139	7796333	0.50	cps
Strontium	86-1	411424	403588	400950	405320	1.34	cps
Strontium	88-1	3544562	3480858	3481362	3502261	1.05	cps
Sulfur	34-1	298441	294369	293693	295501	0.87	cps
Terbium	159-1	3115574	3305614	3295311	3238833	3.30	cps
Terbium	159-2	1769289	1731245	1783904	1761479	1.54	cps
Thallium	203-1	1353474	1347236	1339476	1346729	0.52	cps
Thallium	205-1	3344869	3323270	3323242	3330461	0.37	cps
Thorium	232-1	5787875	5724852	5786532	5766420	0.62	cps
Tin	118-1	969359	951320	942729	954469	1.42	cps
Titanium	47-1	995921	972638	975274	981278	1.30	cps
Uranium	238-1	5394311	5352259	5367827	5371466	0.40	cps
Vanadium	51-2	327031	327359	329442	327944	0.40	cps
Yttrium	89-1	2252074	2371696	2377497	2333756	3.03	cps
Yttrium	89-2	374078	366116	378657	372950	1.70	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	PB120908BS	Instrumnet Name :	P7
Client Sample ID :	PB120908BS	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:51:45	DataFile Name :	021LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	113796	113768	113752	113772	0.02	cps
Zirconium	90-1	2099611	2056608	2063269	2073163	1.12	cps
Zirconium	91-1	477632	470466	472565	473554	0.78	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	67	117	89	28.64	cps
Antimony	121-1	967	933	1117	1006	9.71	cps
Arsenic	75-1	723	576	975	758	26.66	cps
Barium	135-1	120897	120209	118140	119749	1.20	cps
Barium	137-1	210065	211783	209879	210576	0.50	cps
Beryllium	9-1	150	137	143	143	4.65	cps
Bismuth	209-1	2092150	2091732	2088702	2090861	0.09	cps
Bismuth	209-2	1301105	1321120	1313104	1311776	0.77	cps
Boron	10-1	17394	17636	17310	17447	0.97	cps
Boron	11-1	74592	76167	75799	75520	1.09	cps
Cadmium	111-1	785	819	666	757	10.59	cps
Cadmium	106-1	1033	983	867	961	8.90	cps
Cadmium	108-1	13	4	4	7	69.23	cps
Calcium	43-1	456566	452227	455462	454752	0.50	cps
Calcium	44-1	7482485	7469306	7543693	7498495	0.53	cps
Chromium	52-2	677	607	627	637	5.66	cps
Cobalt	59-2	77	70	73	73	4.55	cps
Copper	63-2	2940	3227	3230	3133	5.32	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	33	8	8	17	86.62	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	8	17	17	14	34.67	cps
Gadolinium	160-2	47	47	63	52	18.42	cps
Holmium	165-1	3187424	3215305	3243321	3215350	0.87	cps
Holmium	165-2	1805944	1816219	1799629	1807264	0.46	cps
Indium	115-1	2021496	2014326	2015336	2017053	0.19	cps
Indium	115-2	459132	464016	460366	461171	0.55	cps
Iron	56-2	17794	17733	17756	17761	0.17	cps
Iron	57-2	3278	3412	3045	3245	5.72	cps
Krypton	83-1	33	53	87	58	46.64	cps
Lead	206-1	578	511	544	544	6.12	cps
Lead	207-1	572	467	506	515	10.37	cps
Lead	208-1	2339	2145	2145	2209	5.08	cps
Lithium	6-1	1267538	1258395	1265341	1263758	0.38	cps
Magnesium	24-2	725796	725626	725690	725704	0.01	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	307	353	357	339	8.25	cps
Molybdenum	94-1	1058	900	933	964	8.66	cps
Molybdenum	95-1	1300	1125	1050	1158	11.08	cps
Molybdenum	96-1	1634	1300	1133	1356	18.78	cps
Molybdenum	97-1	933	758	767	820	12.05	cps
Molybdenum	98-1	2000	1992	1950	1981	1.35	cps
Neodymium	150-1	20	13	40	24	56.78	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	63	63	57	61	6.29	cps
Phosphorus	31-2	75	50	92	72	29.04	cps
Potassium	39-2	70560	71875	70777	71071	0.99	cps
Rhodium	103-1	1826735	1799473	1812435	1812881	0.75	cps
Rhodium	103-2	921437	929802	925725	925655	0.45	cps
Scandium	45-1	1746283	1751323	1739774	1745793	0.33	cps
Scandium	45-2	83637	84744	84476	84285	0.68	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	20	22	24	22	8.33	cps
Selenium	82-1	68	71	13	51	64.00	cps
Silicon	28-1	17961297	17920650	18132248	18004731	0.62	cps
Silver	109-1	208	158	150	172	18.32	cps
Silver	107-1	267	183	192	214	21.46	cps
Sodium	23-2	1930666	1946992	1929724	1935794	0.50	cps
Strontium	86-1	118611	118797	119905	119104	0.59	cps
Strontium	88-1	1024352	1016466	1027322	1022713	0.55	cps
Sulfur	34-1	388580	385541	392163	388761	0.85	cps
Terbium	159-1	3270152	3286810	3318005	3291656	0.74	cps
Terbium	159-2	1779682	1788765	1775400	1781282	0.38	cps
Thallium	203-1	325	358	300	328	8.93	cps
Thallium	205-1	1008	875	833	906	10.10	cps
Thorium	232-1	1667	1400	1211	1426	16.05	cps
Tin	118-1	425	408	358	397	8.73	cps
Titanium	47-1	542	508	500	517	4.27	cps
Uranium	238-1	9621	9954	9470	9682	2.56	cps
Vanadium	51-2	5311	5411	5314	5345	1.06	cps
Yttrium	89-1	2413848	2410725	2413678	2412750	0.07	cps
Yttrium	89-2	384565	390211	388067	387614	0.74	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3235-03	Instrumnet Name :	P7
Client Sample ID :	390531053.0	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:55:21	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5785	5988	6161	5978	3.16	cps
Zirconium	90-1	575	425	417	472	18.87	cps
Zirconium	91-1	75	42	117	78	48.31	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3515-01 Instrumnet Name : P7
 Client Sample ID : 390614016-CASE-94-19\ Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:59:26 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	58	58	67	21.65	cps
Antimony	121-1	358	292	342	331	10.50	cps
Arsenic	75-1	1244	1153	1203	1200	3.79	cps
Barium	135-1	95670	95444	95829	95648	0.20	cps
Barium	137-1	167711	163729	164656	165365	1.26	cps
Beryllium	9-1	77	80	103	87	16.77	cps
Bismuth	209-1	2094662	2063266	1973315	2043748	3.08	cps
Bismuth	209-2	1396513	1377903	1277147	1350521	4.76	cps
Boron	10-1	25514	25264	26574	25784	2.70	cps
Boron	11-1	110645	111686	111569	111300	0.51	cps
Cadmium	111-1	663	646	548	619	10.05	cps
Cadmium	106-1	942	917	783	881	9.67	cps
Cadmium	108-1	0	0	13	4	173.21	cps
Calcium	43-1	566504	562207	552837	560516	1.25	cps
Calcium	44-1	9289439	9309893	9247866	9282400	0.34	cps
Chromium	52-2	683	557	573	604	11.39	cps
Cobalt	59-2	70	33	53	52	35.16	cps
Copper	63-2	6268	6001	6365	6211	3.03	cps
Dysprosium	156-1	17	0	17	11	86.60	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	0	42	8	17	132.30	cps
Erbium	164-2	3	13	20	12	68.66	cps
Gadolinium	160-1	33	0	25	19	89.21	cps
Gadolinium	160-2	43	47	53	48	10.66	cps
Holmium	165-1	3212577	3228925	3110743	3184082	2.01	cps
Holmium	165-2	1950843	1935974	1772916	1886578	5.23	cps
Indium	115-1	2053073	2022632	1925571	2000426	3.33	cps
Indium	115-2	503422	494410	448977	482270	6.05	cps
Iron	56-2	2072	2028	1950	2017	3.07	cps
Iron	57-2	3245	3250	3451	3315	3.53	cps
Krypton	83-1	47	60	90	66	33.85	cps
Lead	206-1	722	800	817	780	6.47	cps
Lead	207-1	528	572	622	574	8.23	cps
Lead	208-1	2806	2978	2995	2926	3.57	cps
Lithium	6-1	1302239	1293408	1251359	1282335	2.12	cps
Magnesium	24-2	1774965	1724624	1772440	1757343	1.61	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3515-01 Instrumnet Name : P7
 Client Sample ID : 390614016-CASE-94-19\ Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 11:59:26 DataFile Name : 023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	93	90	80	88	7.91	cps
Molybdenum	94-1	1617	1759	1867	1747	7.18	cps
Molybdenum	95-1	3050	3059	2992	3034	1.20	cps
Molybdenum	96-1	3326	3226	3301	3284	1.58	cps
Molybdenum	97-1	1959	1759	1984	1900	6.49	cps
Molybdenum	98-1	4743	4851	4926	4840	1.90	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	7	0	2	173.21	cps
Nickel	60-2	53	63	90	69	27.52	cps
Phosphorus	31-2	67	133	33	78	65.47	cps
Potassium	39-2	117217	115179	115908	116101	0.89	cps
Rhodium	103-1	1840266	1800408	1734471	1791715	2.98	cps
Rhodium	103-2	1005967	988567	901414	965316	5.80	cps
Scandium	45-1	1794784	1783080	1700187	1759350	2.93	cps
Scandium	45-2	92925	92303	83725	89651	5.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	26	20	17	21	22.21	cps
Selenium	82-1	61	51	21	44	46.64	cps
Silicon	28-1	18066647	17993905	17872567	17977706	0.55	cps
Silver	109-1	42	17	67	42	60.00	cps
Silver	107-1	50	50	25	42	34.64	cps
Sodium	23-2	2057017	2011010	2050720	2039582	1.22	cps
Strontium	86-1	1620964	1594685	1605094	1606914	0.82	cps
Strontium	88-1	14529198	14478945	14508437	14505527	0.17	cps
Sulfur	34-1	255242	251742	254200	253728	0.71	cps
Terbium	159-1	3284498	3336650	3183098	3268082	2.39	cps
Terbium	159-2	1932057	1913011	1746484	1863851	5.48	cps
Thallium	203-1	83	100	75	86	14.79	cps
Thallium	205-1	225	242	133	200	29.17	cps
Thorium	232-1	367	389	289	348	15.08	cps
Tin	118-1	292	375	325	331	12.69	cps
Titanium	47-1	383	367	300	350	12.60	cps
Uranium	238-1	62728	62762	60525	62005	2.07	cps
Vanadium	51-2	4734	4637	4634	4669	1.22	cps
Yttrium	89-1	2445115	2416581	2317503	2393066	2.80	cps
Yttrium	89-2	425310	415401	382033	407581	5.56	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3515-01	Instrumnet Name :	P7
Client Sample ID :	390614016-CASE-94-19\	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 11:59:26	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1237	1327	1133	1232	7.85	cps
Zirconium	90-1	283	317	217	272	18.70	cps
Zirconium	91-1	100	58	50	69	38.57	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2109	2325	2217	2217	4.89	cps
Antimony	121-1	133	208	225	189	25.85	cps
Arsenic	75-1	531	407	415	451	15.36	cps
Barium	135-1	207301	205312	202850	205154	1.09	cps
Barium	137-1	362084	355887	352418	356796	1.37	cps
Beryllium	9-1	57	83	53	64	25.52	cps
Bismuth	209-1	2091027	2062477	2059343	2070949	0.84	cps
Bismuth	209-2	1298984	1306070	1290777	1298610	0.59	cps
Boron	10-1	9662	10279	10287	10076	3.56	cps
Boron	11-1	44257	44876	44617	44584	0.70	cps
Cadmium	111-1	616	519	573	569	8.54	cps
Cadmium	106-1	867	742	800	803	7.79	cps
Cadmium	108-1	4	0	0	1	173.21	cps
Calcium	43-1	500844	493226	494775	496282	0.81	cps
Calcium	44-1	8272930	8213867	8216643	8234480	0.40	cps
Chromium	52-2	643	593	797	678	15.63	cps
Cobalt	59-2	107	80	97	94	14.27	cps
Copper	63-2	13333	13496	13773	13534	1.64	cps
Dysprosium	156-1	142	142	125	136	7.07	cps
Dysprosium	156-2	53	60	90	68	28.82	cps
Erbium	164-1	192	183	233	203	13.21	cps
Erbium	164-2	77	103	90	90	14.82	cps
Gadolinium	160-1	133	217	167	172	24.36	cps
Gadolinium	160-2	110	153	160	141	19.24	cps
Holmium	165-1	3258896	3214729	3241786	3238470	0.69	cps
Holmium	165-2	1782055	1805459	1807130	1798215	0.78	cps
Indium	115-1	2050775	2005967	2006751	2021164	1.27	cps
Indium	115-2	456800	455586	457506	456630	0.21	cps
Iron	56-2	31978	32936	34248	33054	3.45	cps
Iron	57-2	3701	3651	3778	3710	1.74	cps
Krypton	83-1	53	70	87	70	23.81	cps
Lead	206-1	933	1011	989	978	4.10	cps
Lead	207-1	900	817	895	870	5.35	cps
Lead	208-1	3900	3778	4023	3900	3.13	cps
Lithium	6-1	1274852	1263338	1257620	1265270	0.69	cps
Magnesium	24-2	721034	726100	722962	723365	0.35	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2950	3024	3094	3023	2.37	cps
Molybdenum	94-1	192	217	175	194	10.79	cps
Molybdenum	95-1	150	108	92	117	25.76	cps
Molybdenum	96-1	208	242	100	183	40.40	cps
Molybdenum	97-1	117	108	58	94	33.40	cps
Molybdenum	98-1	217	150	208	192	18.95	cps
Neodymium	150-1	167	180	140	162	12.55	cps
Neodymium	150-2	60	40	53	51	19.92	cps
Nickel	60-2	190	197	193	193	1.72	cps
Phosphorus	31-2	125	142	125	131	7.37	cps
Potassium	39-2	79505	78801	78608	78971	0.60	cps
Rhodium	103-1	1822040	1807052	1805780	1811624	0.50	cps
Rhodium	103-2	908691	924545	917713	916983	0.87	cps
Scandium	45-1	1780033	1750668	1733971	1754891	1.33	cps
Scandium	45-2	83705	85297	84405	84469	0.94	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	11	22	7	14	56.76	cps
Selenium	82-1	36	14	-6	14	146.16	cps
Silicon	28-1	22323878	22139047	22275675	22246200	0.43	cps
Silver	109-1	50	42	33	42	20.00	cps
Silver	107-1	75	92	42	69	36.66	cps
Sodium	23-2	2794695	2784871	2777096	2785554	0.32	cps
Strontium	86-1	87365	85890	87223	86826	0.94	cps
Strontium	88-1	755560	749056	738922	747846	1.12	cps
Sulfur	34-1	206992	206605	201729	205109	1.43	cps
Terbium	159-1	3324919	3291251	3322758	3312976	0.57	cps
Terbium	159-2	1760669	1767498	1777492	1768553	0.48	cps
Thallium	203-1	58	67	50	58	14.29	cps
Thallium	205-1	125	150	192	156	21.65	cps
Thorium	232-1	278	383	361	341	16.33	cps
Tin	118-1	1267	1425	1267	1320	6.93	cps
Titanium	47-1	1142	992	933	1022	10.53	cps
Uranium	238-1	8928	8653	8545	8709	2.27	cps
Vanadium	51-2	2024	1890	1817	1910	5.49	cps
Yttrium	89-1	2452963	2433398	2407857	2431406	0.93	cps
Yttrium	89-2	383163	385303	384420	384295	0.28	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3516-01	Instrumnet Name :	P7
Client Sample ID :	390619180	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:03:03	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1873	1903	1957	1911	2.21	cps
Zirconium	90-1	383	375	258	339	20.62	cps
Zirconium	91-1	100	92	125	106	16.44	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01 Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:06:39 DataFile Name : 025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4868	4968	4976	4937	1.22	cps
Antimony	121-1	133	158	200	164	20.55	cps
Arsenic	75-1	593	471	621	562	14.13	cps
Barium	135-1	215165	212228	213701	213698	0.69	cps
Barium	137-1	374131	372821	370372	372441	0.51	cps
Beryllium	9-1	77	73	87	79	8.80	cps
Bismuth	209-1	2072813	2080280	2056319	2069804	0.59	cps
Bismuth	209-2	1276772	1268661	1274374	1273269	0.33	cps
Boron	10-1	9403	10204	9812	9806	4.08	cps
Boron	11-1	41466	42427	42853	42249	1.68	cps
Cadmium	111-1	669	738	600	669	10.31	cps
Cadmium	106-1	917	1017	833	922	9.95	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	461399	460956	454408	458921	0.85	cps
Calcium	44-1	7573693	7624103	7629168	7608988	0.40	cps
Chromium	52-2	860	877	847	861	1.75	cps
Cobalt	59-2	103	100	130	111	14.80	cps
Copper	63-2	38227	38678	38564	38490	0.61	cps
Dysprosium	156-1	392	425	417	411	4.22	cps
Dysprosium	156-2	233	273	243	250	8.33	cps
Erbium	164-1	400	408	508	439	13.74	cps
Erbium	164-2	257	203	173	211	19.99	cps
Gadolinium	160-1	467	458	333	419	17.81	cps
Gadolinium	160-2	350	343	283	326	11.28	cps
Holmium	165-1	3204553	3253681	3227280	3228505	0.76	cps
Holmium	165-2	1760765	1750622	1767387	1759591	0.48	cps
Indium	115-1	2001299	2011888	1985302	1999496	0.67	cps
Indium	115-2	449458	447402	450557	449139	0.36	cps
Iron	56-2	55280	53190	52679	53716	2.57	cps
Iron	57-2	4045	3962	3951	3986	1.30	cps
Krypton	83-1	60	60	63	61	3.15	cps
Lead	206-1	16872	17284	17167	17108	1.24	cps
Lead	207-1	14314	14358	14631	14434	1.19	cps
Lead	208-1	67018	67318	66950	67095	0.29	cps
Lithium	6-1	1241569	1255090	1243958	1246873	0.58	cps
Magnesium	24-2	712889	705055	710524	709489	0.57	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:06:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1510	1497	1370	1459	5.30	cps
Molybdenum	94-1	142	192	175	169	15.02	cps
Molybdenum	95-1	92	58	125	92	36.36	cps
Molybdenum	96-1	125	108	150	128	16.41	cps
Molybdenum	97-1	67	108	100	92	24.05	cps
Molybdenum	98-1	125	175	175	158	18.23	cps
Neodymium	150-1	347	460	473	427	16.31	cps
Neodymium	150-2	207	147	137	163	23.18	cps
Nickel	60-2	230	217	210	219	4.65	cps
Phosphorus	31-2	208	183	200	197	6.45	cps
Potassium	39-2	78449	80753	79538	79580	1.45	cps
Rhodium	103-1	1800200	1801580	1786357	1796046	0.47	cps
Rhodium	103-2	896030	894721	901217	897323	0.38	cps
Scandium	45-1	1733571	1744417	1737603	1738531	0.32	cps
Scandium	45-2	83011	82163	83054	82743	0.61	cps
Selenium	77-2	0	7	3	3	100.05	cps
Selenium	78-2	17	9	9	12	36.47	cps
Selenium	82-1	23	25	18	22	16.22	cps
Silicon	28-1	22360166	22718403	22501427	22526665	0.80	cps
Silver	109-1	33	33	8	25	57.74	cps
Silver	107-1	33	75	42	50	44.10	cps
Sodium	23-2	2590099	2585700	2578362	2584720	0.23	cps
Strontium	86-1	87576	88531	88716	88274	0.69	cps
Strontium	88-1	756160	753236	757572	755656	0.29	cps
Sulfur	34-1	214151	213676	212916	213581	0.29	cps
Terbium	159-1	3295630	3328639	3311946	3312072	0.50	cps
Terbium	159-2	1739321	1748969	1755271	1747854	0.46	cps
Thallium	203-1	42	50	92	61	43.83	cps
Thallium	205-1	133	133	158	142	10.19	cps
Thorium	232-1	317	483	394	398	20.95	cps
Tin	118-1	742	583	758	694	13.91	cps
Titanium	47-1	1676	1375	1267	1439	14.73	cps
Uranium	238-1	9012	9679	9963	9551	5.11	cps
Vanadium	51-2	2977	3107	3157	3080	3.02	cps
Yttrium	89-1	2416236	2409022	2402113	2409124	0.29	cps
Yttrium	89-2	376792	377306	378318	377472	0.21	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:06:39	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4704	4647	4631	4661	0.82	cps
Zirconium	90-1	450	392	400	414	7.62	cps
Zirconium	91-1	117	83	100	100	16.66	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01DUP	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:10:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3150	3501	3292	3314	5.31	cps
Antimony	121-1	133	167	167	156	12.37	cps
Arsenic	75-1	429	628	660	572	21.81	cps
Barium	135-1	213889	211189	211038	212038	0.76	cps
Barium	137-1	372003	370993	366349	369782	0.82	cps
Beryllium	9-1	83	100	70	84	17.80	cps
Bismuth	209-1	2074656	2038286	2051618	2054853	0.90	cps
Bismuth	209-2	1278673	1279975	1287641	1282097	0.38	cps
Boron	10-1	9487	9020	9378	9295	2.63	cps
Boron	11-1	38667	40021	40313	39667	2.21	cps
Cadmium	111-1	755	753	646	718	8.68	cps
Cadmium	106-1	1025	1067	892	995	9.19	cps
Cadmium	108-1	0	8	4	4	99.96	cps
Calcium	43-1	454149	447500	453031	451560	0.79	cps
Calcium	44-1	7557547	7570569	7531824	7553313	0.26	cps
Chromium	52-2	783	810	720	771	5.99	cps
Cobalt	59-2	153	117	107	126	19.57	cps
Copper	63-2	38223	37825	38868	38306	1.37	cps
Dysprosium	156-1	375	433	342	383	12.10	cps
Dysprosium	156-2	220	230	213	221	3.79	cps
Erbium	164-1	400	467	433	433	7.69	cps
Erbium	164-2	213	203	230	216	6.25	cps
Gadolinium	160-1	408	517	375	433	17.09	cps
Gadolinium	160-2	320	327	323	323	1.03	cps
Holmium	165-1	3192344	3202657	3191331	3195444	0.20	cps
Holmium	165-2	1758725	1765143	1784186	1769352	0.75	cps
Indium	115-1	2009310	1975453	1983037	1989266	0.89	cps
Indium	115-2	445089	448094	453041	448741	0.89	cps
Iron	56-2	53741	52733	53080	53185	0.96	cps
Iron	57-2	4112	4279	4295	4229	2.40	cps
Krypton	83-1	53	47	77	59	26.75	cps
Lead	206-1	17645	16605	17529	17260	3.30	cps
Lead	207-1	15370	14391	14303	14688	4.03	cps
Lead	208-1	68269	65921	66310	66833	1.88	cps
Lithium	6-1	1233517	1221326	1219434	1224759	0.62	cps
Magnesium	24-2	710189	704856	713134	709393	0.59	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01DUP Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:10:16 DataFile Name : 026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1437	1467	1500	1468	2.16	cps
Molybdenum	94-1	242	217	225	228	5.59	cps
Molybdenum	95-1	42	125	100	89	48.11	cps
Molybdenum	96-1	108	92	133	111	18.88	cps
Molybdenum	97-1	100	50	83	78	32.73	cps
Molybdenum	98-1	158	192	183	178	9.76	cps
Neodymium	150-1	367	473	380	407	14.29	cps
Neodymium	150-2	160	197	173	177	10.51	cps
Nickel	60-2	210	217	190	206	6.75	cps
Phosphorus	31-2	242	242	158	214	22.49	cps
Potassium	39-2	78508	77938	79153	78533	0.77	cps
Rhodium	103-1	1809423	1775235	1777392	1787350	1.07	cps
Rhodium	103-2	894220	897240	908175	899878	0.82	cps
Scandium	45-1	1747660	1724727	1698761	1723716	1.42	cps
Scandium	45-2	81787	81445	81881	81705	0.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	13	9	13	12	18.22	cps
Selenium	82-1	53	31	6	30	78.05	cps
Silicon	28-1	22384448	22484043	22392706	22420399	0.25	cps
Silver	109-1	25	42	42	36	26.65	cps
Silver	107-1	50	50	50	50	0.00	cps
Sodium	23-2	2576287	2563334	2585490	2575037	0.43	cps
Strontium	86-1	87927	86217	86317	86820	1.11	cps
Strontium	88-1	751164	751259	744524	748982	0.52	cps
Sulfur	34-1	220769	217133	218141	218681	0.86	cps
Terbium	159-1	3280844	3278412	3273635	3277630	0.11	cps
Terbium	159-2	1733703	1745683	1755921	1745102	0.64	cps
Thallium	203-1	50	58	33	47	26.97	cps
Thallium	205-1	100	117	175	131	30.17	cps
Thorium	232-1	367	411	367	382	6.73	cps
Tin	118-1	683	600	533	606	12.41	cps
Titanium	47-1	1834	1233	1233	1434	24.18	cps
Uranium	238-1	9687	9963	9287	9646	3.52	cps
Vanadium	51-2	2890	2987	2987	2955	1.89	cps
Yttrium	89-1	2413529	2381249	2369426	2388068	0.96	cps
Yttrium	89-2	376562	375599	380227	377462	0.65	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01DUP	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:10:16	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	4427	4417	4381	4409	0.56	cps
Zirconium	90-1	367	533	425	442	19.15	cps
Zirconium	91-1	100	75	92	89	14.32	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01LX5	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-06-26 12:13:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	583	692	583	619	10.10	cps
Antimony	121-1	67	92	108	89	23.59	cps
Arsenic	75-1	66	97	112	92	25.46	cps
Barium	135-1	43285	42566	42157	42669	1.34	cps
Barium	137-1	76328	72682	71878	73629	3.22	cps
Beryllium	9-1	47	27	53	42	32.86	cps
Bismuth	209-1	2096406	2076734	2072225	2081789	0.62	cps
Bismuth	209-2	1278813	1286075	1294349	1286412	0.60	cps
Boron	10-1	2867	2700	2750	2773	3.09	cps
Boron	11-1	12748	11813	11772	12111	4.56	cps
Cadmium	111-1	610	650	716	659	8.08	cps
Cadmium	106-1	858	925	1017	933	8.52	cps
Cadmium	108-1	4	8	0	4	99.96	cps
Calcium	43-1	91330	89302	89352	89995	1.29	cps
Calcium	44-1	1459831	1441171	1436598	1445867	0.85	cps
Chromium	52-2	327	327	297	317	5.47	cps
Cobalt	59-2	20	20	30	23	24.74	cps
Copper	63-2	7899	7802	7575	7759	2.14	cps
Dysprosium	156-1	58	67	100	75	29.39	cps
Dysprosium	156-2	33	30	63	42	43.48	cps
Erbium	164-1	83	75	92	83	10.00	cps
Erbium	164-2	90	57	43	63	37.95	cps
Gadolinium	160-1	108	75	92	92	18.18	cps
Gadolinium	160-2	97	117	120	111	11.36	cps
Holmium	165-1	3219450	3158618	3188407	3188825	0.95	cps
Holmium	165-2	1732552	1738206	1734741	1735166	0.16	cps
Indium	115-1	2020944	1969974	1976973	1989297	1.39	cps
Indium	115-2	444904	446806	449553	447088	0.52	cps
Iron	56-2	11014	11567	12247	11609	5.32	cps
Iron	57-2	906	667	717	763	16.51	cps
Krypton	83-1	60	60	60	60	0.00	cps
Lead	206-1	3484	3317	3662	3488	4.94	cps
Lead	207-1	3334	3028	2800	3054	8.76	cps
Lead	208-1	14587	13520	13347	13818	4.86	cps
Lithium	6-1	1234188	1218383	1217360	1223310	0.77	cps
Magnesium	24-2	140613	145417	141545	142525	1.79	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01LX5	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-06-26 12:13:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	320	313	303	312	2.69	cps
Molybdenum	94-1	100	133	125	119	14.52	cps
Molybdenum	95-1	67	67	50	61	15.75	cps
Molybdenum	96-1	42	108	108	86	44.70	cps
Molybdenum	97-1	42	25	33	33	25.01	cps
Molybdenum	98-1	75	67	58	67	12.49	cps
Neodymium	150-1	113	80	120	104	20.52	cps
Neodymium	150-2	30	33	33	32	5.97	cps
Nickel	60-2	73	80	63	72	11.62	cps
Phosphorus	31-2	83	67	100	83	20.00	cps
Potassium	39-2	18454	19639	19547	19213	3.43	cps
Rhodium	103-1	1822103	1788280	1776816	1795733	1.31	cps
Rhodium	103-2	898282	896949	899966	898399	0.17	cps
Scandium	45-1	1752237	1709192	1711122	1724183	1.41	cps
Scandium	45-2	80494	81855	82042	81464	1.04	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	9	19	6	11	60.07	cps
Selenium	82-1	15	17	9	14	29.02	cps
Silicon	28-1	4467808	4404829	4436839	4436492	0.71	cps
Silver	109-1	42	8	33	28	62.46	cps
Silver	107-1	33	25	33	31	15.74	cps
Sodium	23-2	523465	523894	523785	523715	0.04	cps
Strontium	86-1	17545	17078	17403	17342	1.38	cps
Strontium	88-1	151248	149731	148055	149678	1.07	cps
Sulfur	34-1	141120	137108	138328	138852	1.48	cps
Terbium	159-1	3285698	3258783	3258633	3267705	0.48	cps
Terbium	159-2	1717379	1710070	1717147	1714866	0.24	cps
Thallium	203-1	42	33	0	25	88.19	cps
Thallium	205-1	100	108	100	103	4.68	cps
Thorium	232-1	144	144	122	137	9.36	cps
Tin	118-1	308	375	458	381	19.75	cps
Titanium	47-1	208	450	333	331	36.56	cps
Uranium	238-1	1950	1842	1817	1870	3.79	cps
Vanadium	51-2	630	567	627	608	5.86	cps
Yttrium	89-1	2411752	2357059	2364162	2377658	1.25	cps
Yttrium	89-2	374552	370638	371878	372356	0.54	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01LX5	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	5
Date & Time Acquired ::	2019-06-26 12:13:53	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	950	1063	1093	1036	7.30	cps
Zirconium	90-1	167	250	175	197	23.27	cps
Zirconium	91-1	50	25	8	28	75.51	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01MS Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:17:28 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61720	62439	61519	61893	0.78	cps
Antimony	121-1	1576155	1582991	1568300	1575815	0.47	cps
Arsenic	75-1	328639	327595	322968	326401	0.92	cps
Barium	135-1	312062	309755	312195	311337	0.44	cps
Barium	137-1	545813	540606	540629	542349	0.55	cps
Beryllium	9-1	146373	144997	146181	145850	0.51	cps
Bismuth	209-1	1998734	1985210	1984424	1989456	0.40	cps
Bismuth	209-2	1237132	1254730	1254841	1248901	0.82	cps
Boron	10-1	47685	47810	47057	47517	0.85	cps
Boron	11-1	205579	204505	207363	205816	0.70	cps
Cadmium	111-1	109498	109353	109069	109306	0.20	cps
Cadmium	106-1	10988	10763	10421	10724	2.66	cps
Cadmium	108-1	7319	7415	7323	7352	0.74	cps
Calcium	43-1	425993	422485	425788	424755	0.46	cps
Calcium	44-1	7048394	7021386	7056806	7042196	0.26	cps
Chromium	52-2	284694	285761	288456	286304	0.68	cps
Cobalt	59-2	192089	194495	194129	193571	0.67	cps
Copper	63-2	214954	216803	216449	216069	0.45	cps
Dysprosium	156-1	156958	154486	154723	155389	0.88	cps
Dysprosium	156-2	47963	48726	48730	48473	0.91	cps
Erbium	164-1	442	483	475	467	4.72	cps
Erbium	164-2	213	253	203	223	11.85	cps
Gadolinium	160-1	558	542	483	528	7.46	cps
Gadolinium	160-2	330	277	257	288	13.17	cps
Holmium	165-1	3093659	3096147	3095806	3095204	0.04	cps
Holmium	165-2	1709601	1728295	1732486	1723461	0.71	cps
Indium	115-1	1880178	1874658	1868637	1874491	0.31	cps
Indium	115-2	421268	423713	425764	423582	0.53	cps
Iron	56-2	1796039	1806963	1813783	1805595	0.50	cps
Iron	57-2	48040	48519	48419	48326	0.52	cps
Krypton	83-1	63	77	40	60	30.93	cps
Lead	206-1	2078799	2042798	2067796	2063131	0.89	cps
Lead	207-1	1839053	1830974	1819881	1829969	0.53	cps
Lead	208-1	8589451	8561077	8592658	8581062	0.20	cps
Lithium	6-1	1222158	1212830	1214595	1216528	0.41	cps
Magnesium	24-2	786658	785198	794037	788631	0.60	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01MS Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:17:28 DataFile Name : 028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	92411	93260	93759	93143	0.73	cps
Molybdenum	94-1	245718	244008	239074	242933	1.42	cps
Molybdenum	95-1	432621	425212	428187	428674	0.87	cps
Molybdenum	96-1	459548	456625	457352	457842	0.33	cps
Molybdenum	97-1	272964	267641	265230	268612	1.47	cps
Molybdenum	98-1	702890	685792	682763	690482	1.57	cps
Neodymium	150-1	360	333	387	360	7.41	cps
Neodymium	150-2	193	153	157	168	13.23	cps
Nickel	60-2	117704	118036	117683	117808	0.17	cps
Phosphorus	31-2	9462	8595	9020	9025	4.80	cps
Potassium	39-2	694812	689578	699447	694613	0.71	cps
Rhodium	103-1	1697623	1674846	1674637	1682369	0.79	cps
Rhodium	103-2	846556	850006	853631	850064	0.42	cps
Scandium	45-1	1634172	1615992	1612691	1620952	0.71	cps
Scandium	45-2	77555	77642	78279	77825	0.51	cps
Selenium	77-2	4527	4454	4314	4432	2.45	cps
Selenium	78-2	14587	15039	14808	14811	1.53	cps
Selenium	82-1	90163	89627	89373	89721	0.45	cps
Silicon	28-1	22231371	22154112	22216991	22200825	0.19	cps
Silver	109-1	174404	173489	169630	172508	1.47	cps
Silver	107-1	181517	180013	179414	180315	0.60	cps
Sodium	23-2	2879805	2877870	2896716	2884797	0.36	cps
Strontium	86-1	226955	229819	229503	228759	0.69	cps
Strontium	88-1	1934142	1913504	1922820	1923489	0.54	cps
Sulfur	34-1	200801	195838	196873	197837	1.32	cps
Terbium	159-1	3170423	3160937	3168337	3166566	0.16	cps
Terbium	159-2	1705371	1700105	1711585	1705687	0.34	cps
Thallium	203-1	5224506	5216128	5253432	5231355	0.37	cps
Thallium	205-1	12554046	12524154	12614753	12564318	0.37	cps
Thorium	232-1	661	556	539	585	11.33	cps
Tin	118-1	1214016	1206382	1197059	1205819	0.70	cps
Titanium	47-1	73935	76013	73308	74419	1.90	cps
Uranium	238-1	8778	8812	9112	8901	2.06	cps
Vanadium	51-2	182466	182755	183667	182962	0.34	cps
Yttrium	89-1	2285290	2269122	2273091	2275834	0.37	cps
Yttrium	89-2	360252	360521	361106	360627	0.12	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MS	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:17:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	24925	25065	25636	25209	1.49	cps
Zirconium	90-1	1175	1050	1158	1128	6.02	cps
Zirconium	91-1	642	600	425	556	20.70	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1432049	1449478	1473221	1451583	1.42	cps
Antimony	121-1	983988	961392	964295	969892	1.27	cps
Arsenic	75-1	216571	212827	209767	213055	1.60	cps
Barium	135-1	1371344	1348334	1348876	1356185	0.97	cps
Barium	137-1	2346679	2312885	2316317	2325293	0.80	cps
Beryllium	9-1	349691	346360	343150	346400	0.94	cps
Bismuth	209-1	1850515	1833108	1848557	1844060	0.52	cps
Bismuth	209-2	1127597	1135436	1151435	1138156	1.07	cps
Boron	10-1	63016	64321	65517	64285	1.95	cps
Boron	11-1	272554	278020	278859	276478	1.24	cps
Cadmium	111-1	289215	283237	281691	284715	1.40	cps
Cadmium	106-1	33900	33424	32597	33307	1.98	cps
Cadmium	108-1	22639	22794	22706	22713	0.34	cps
Calcium	43-1	1961239	1941403	1940575	1947739	0.60	cps
Calcium	44-1	33034878	32477323	32541668	32684623	0.93	cps
Chromium	52-2	344157	344143	349461	345920	0.89	cps
Cobalt	59-2	451766	459137	464647	458517	1.41	cps
Copper	63-2	584284	588583	595951	589606	1.00	cps
Dysprosium	156-1	25	42	50	39	32.73	cps
Dysprosium	156-2	43	17	30	30	44.43	cps
Erbium	164-1	17	8	17	14	34.67	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	25	17	8	17	50.01	cps
Gadolinium	160-2	47	47	30	41	23.41	cps
Holmium	165-1	3034006	3058888	3024262	3039052	0.59	cps
Holmium	165-2	1680161	1705413	1710814	1698796	0.96	cps
Indium	115-1	1783876	1759423	1764354	1769217	0.73	cps
Indium	115-2	399343	403505	405417	402755	0.77	cps
Iron	56-2	67784461	67372832	68165325	67774206	0.58	cps
Iron	57-2	1692178	1699238	1715145	1702187	0.69	cps
Krypton	83-1	53	30	33	39	32.45	cps
Lead	206-1	989200	979551	987294	985348	0.52	cps
Lead	207-1	900845	892876	894333	896018	0.47	cps
Lead	208-1	4003312	3979526	3980718	3987852	0.34	cps
Lithium	6-1	1136274	1125610	1125327	1129070	0.55	cps
Magnesium	24-2	16880482	16915582	17069826	16955297	0.59	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	437412	439734	438928	438691	0.27	cps
Molybdenum	94-1	2143276	2100167	2085718	2109721	1.42	cps
Molybdenum	95-1	2561658	2519616	2530277	2537184	0.86	cps
Molybdenum	96-1	3025231	2976547	2985379	2995719	0.87	cps
Molybdenum	97-1	1596421	1574172	1565910	1578834	1.00	cps
Molybdenum	98-1	4460925	4359242	4379974	4400047	1.22	cps
Neodymium	150-1	127	80	173	127	36.84	cps
Neodymium	150-2	17	20	17	18	10.81	cps
Nickel	60-2	107467	108162	110099	108576	1.26	cps
Phosphorus	31-2	14724	14733	14591	14683	0.54	cps
Potassium	39-2	7500769	7457528	7582524	7513607	0.84	cps
Rhodium	103-1	1512962	1493033	1487159	1497718	0.90	cps
Rhodium	103-2	765843	777671	789533	777682	1.52	cps
Scandium	45-1	1562203	1542739	1541288	1548744	0.75	cps
Scandium	45-2	75266	76580	76767	76205	1.07	cps
Selenium	77-2	1103	1087	1173	1121	4.10	cps
Selenium	78-2	3725	3765	3904	3798	2.48	cps
Selenium	82-1	22298	22047	22211	22186	0.57	cps
Silicon	28-1	1011695	1020744	1030407	1020949	0.92	cps
Silver	109-1	1153683	1144278	1138957	1145639	0.65	cps
Silver	107-1	1203716	1195582	1170264	1189854	1.47	cps
Sodium	23-2	34125492	34135668	34570251	34277137	0.74	cps
Strontium	86-1	360198	355013	354411	356541	0.89	cps
Strontium	88-1	3184040	3171343	3168085	3174490	0.27	cps
Sulfur	34-1	275920	270911	268716	271849	1.36	cps
Terbium	159-1	3117854	3097253	3092103	3102403	0.44	cps
Terbium	159-2	1651962	1670496	1675080	1665846	0.73	cps
Thallium	203-1	1204324	1203693	1194208	1200742	0.47	cps
Thallium	205-1	3009559	3001105	3010896	3007187	0.18	cps
Thorium	232-1	5425766	5412631	5455181	5431193	0.40	cps
Tin	118-1	849478	839082	836992	841851	0.79	cps
Titanium	47-1	869825	856891	853569	860095	1.00	cps
Uranium	238-1	5062042	5092245	5103731	5086006	0.42	cps
Vanadium	51-2	295324	295551	299304	296726	0.75	cps
Yttrium	89-1	2171487	2160684	2156890	2163020	0.35	cps
Yttrium	89-2	347988	350465	352515	350323	0.65	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV30	Instrumnet Name :	P7
Client Sample ID :	CCV30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:25:58	DataFile Name :	030CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	101976	102842	104927	103248	1.47	cps
Zirconium	90-1	1877748	1855747	1855445	1862980	0.69	cps
Zirconium	91-1	427203	422804	419189	423065	0.95	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : CCB30 Instrumnet Name : P7
 Client Sample ID : CCB30 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:29:35 DataFile Name : 031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	108	133	58	100	38.19	cps
Antimony	121-1	950	1050	942	981	6.15	cps
Arsenic	75-1	-26	-83	-61	-57	-50.12	cps
Barium	135-1	267	142	158	189	35.93	cps
Barium	137-1	383	333	325	347	9.09	cps
Beryllium	9-1	160	117	123	133	17.50	cps
Bismuth	209-1	2074803	2039923	2036826	2050517	1.03	cps
Bismuth	209-2	1255856	1276700	1265555	1266037	0.82	cps
Boron	10-1	3267	2900	2742	2970	9.07	cps
Boron	11-1	14082	12689	11913	12895	8.52	cps
Cadmium	111-1	704	660	772	712	7.88	cps
Cadmium	106-1	917	858	1075	950	11.80	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	392	283	267	314	21.62	cps
Calcium	44-1	6443	5785	4884	5704	13.72	cps
Chromium	52-2	253	237	230	240	5.01	cps
Cobalt	59-2	40	43	30	38	18.36	cps
Copper	63-2	180	200	107	162	30.29	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	0	8	8	6	86.60	cps
Erbium	164-2	7	0	13	7	99.98	cps
Gadolinium	160-1	17	8	17	14	34.67	cps
Gadolinium	160-2	20	37	30	29	29.04	cps
Holmium	165-1	3098688	3113164	3110726	3107526	0.25	cps
Holmium	165-2	1697815	1733063	1723207	1718028	1.06	cps
Indium	115-1	1953241	1936983	1920413	1936879	0.85	cps
Indium	115-2	439927	444991	446517	443812	0.78	cps
Iron	56-2	6129	5257	4340	5242	17.07	cps
Iron	57-2	194	156	133	161	19.20	cps
Krypton	83-1	70	63	53	62	13.48	cps
Lead	206-1	328	283	267	293	10.80	cps
Lead	207-1	278	211	250	246	13.60	cps
Lead	208-1	1383	1189	1000	1191	16.10	cps
Lithium	6-1	1221966	1228223	1214905	1221698	0.55	cps
Magnesium	24-2	1333	875	800	1003	28.79	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:29:35	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	33	37	31	22.31	cps
Molybdenum	94-1	692	658	675	675	2.47	cps
Molybdenum	95-1	1000	767	767	845	15.95	cps
Molybdenum	96-1	900	883	642	808	17.89	cps
Molybdenum	97-1	625	417	450	497	22.51	cps
Molybdenum	98-1	1558	1275	1108	1314	17.32	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	20	20	13	18	21.66	cps
Phosphorus	31-2	17	83	25	42	87.18	cps
Potassium	39-2	5026	4868	4826	4907	2.15	cps
Rhodium	103-1	1768152	1761695	1727226	1752358	1.26	cps
Rhodium	103-2	886534	900415	903985	896978	1.03	cps
Scandium	45-1	1699691	1691002	1662774	1684489	1.15	cps
Scandium	45-2	79351	81955	81144	80817	1.65	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	17	19	15	17	11.13	cps
Selenium	82-1	2	16	36	18	96.83	cps
Silicon	28-1	72693	71136	70995	71608	1.32	cps
Silver	109-1	317	200	175	231	32.80	cps
Silver	107-1	192	175	225	197	12.91	cps
Sodium	23-2	6785	6568	5793	6382	8.17	cps
Strontium	86-1	167	83	175	142	35.78	cps
Strontium	88-1	517	342	342	400	25.26	cps
Sulfur	34-1	127609	128736	128315	128220	0.44	cps
Terbium	159-1	3183737	3218533	3182383	3194884	0.64	cps
Terbium	159-2	1680883	1708223	1710242	1699783	0.96	cps
Thallium	203-1	342	392	308	347	12.08	cps
Thallium	205-1	900	1083	725	903	19.85	cps
Thorium	232-1	1972	1661	1656	1763	10.28	cps
Tin	118-1	517	508	642	556	13.44	cps
Titanium	47-1	192	225	158	192	17.39	cps
Uranium	238-1	950	833	542	775	27.14	cps
Vanadium	51-2	30	10	7	16	81.11	cps
Yttrium	89-1	2342485	2308024	2285134	2311881	1.25	cps
Yttrium	89-2	368371	373965	371392	371242	0.75	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB30	Instrumnet Name :	P7
Client Sample ID :	CCB30	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:29:35	DataFile Name :	031CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	73	50	77	67	21.80	cps
Zirconium	90-1	542	508	550	533	4.13	cps
Zirconium	91-1	167	92	75	111	43.95	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MSD	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:33:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	59411	61293	61376	60693	1.83	cps
Antimony	121-1	1560479	1545472	1573054	1559669	0.89	cps
Arsenic	75-1	320674	316153	326079	320969	1.55	cps
Barium	135-1	306179	302180	311378	306579	1.50	cps
Barium	137-1	533355	525137	534088	530860	0.94	cps
Beryllium	9-1	145162	143947	144149	144419	0.45	cps
Bismuth	209-1	1933589	1916227	1937311	1929042	0.58	cps
Bismuth	209-2	1192698	1211247	1221234	1208393	1.20	cps
Boron	10-1	46873	47342	49557	47924	2.99	cps
Boron	11-1	206348	204550	209831	206909	1.30	cps
Cadmium	111-1	106031	105050	107907	106329	1.37	cps
Cadmium	106-1	10654	9929	10971	10518	5.08	cps
Cadmium	108-1	7202	7427	7331	7320	1.54	cps
Calcium	43-1	415340	413497	420913	416583	0.93	cps
Calcium	44-1	6867579	6883745	6953141	6901488	0.66	cps
Chromium	52-2	280288	284804	284657	283249	0.91	cps
Cobalt	59-2	188265	192737	193483	191495	1.47	cps
Copper	63-2	209032	214169	212692	211964	1.25	cps
Dysprosium	156-1	153476	148725	157578	153259	2.89	cps
Dysprosium	156-2	46823	48117	47505	47482	1.36	cps
Erbium	164-1	417	383	442	414	7.07	cps
Erbium	164-2	223	200	233	219	7.82	cps
Gadolinium	160-1	458	392	442	431	8.06	cps
Gadolinium	160-2	307	267	290	288	6.98	cps
Holmium	165-1	3001193	3010853	3027234	3013093	0.44	cps
Holmium	165-2	1652525	1685856	1682527	1673636	1.10	cps
Indium	115-1	1829387	1821279	1827541	1826069	0.23	cps
Indium	115-2	405504	412260	413818	410527	1.08	cps
Iron	56-2	1756506	1790729	1794293	1780509	1.17	cps
Iron	57-2	46759	47460	48637	47618	1.99	cps
Krypton	83-1	87	67	107	87	23.08	cps
Lead	206-1	2034362	2027287	2072092	2044580	1.18	cps
Lead	207-1	1806645	1795418	1841966	1814676	1.34	cps
Lead	208-1	8450321	8425933	8586535	8487596	1.02	cps
Lithium	6-1	1196298	1193220	1200524	1196680	0.31	cps
Magnesium	24-2	768436	784729	785767	779644	1.25	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01MSD Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:33:12 DataFile Name : 032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	91164	91013	92918	91698	1.15	cps
Molybdenum	94-1	240287	237517	238830	238878	0.58	cps
Molybdenum	95-1	422120	424540	424097	423585	0.30	cps
Molybdenum	96-1	454345	456100	457740	456062	0.37	cps
Molybdenum	97-1	265842	265047	266411	265767	0.26	cps
Molybdenum	98-1	678182	676812	686439	680478	0.77	cps
Neodymium	150-1	360	427	493	427	15.62	cps
Neodymium	150-2	130	177	170	159	15.89	cps
Nickel	60-2	115423	116951	117590	116655	0.95	cps
Phosphorus	31-2	9162	8736	9462	9120	4.00	cps
Potassium	39-2	678947	688072	690419	685812	0.88	cps
Rhodium	103-1	1632833	1632614	1643069	1636172	0.37	cps
Rhodium	103-2	814982	835438	834385	828268	1.39	cps
Scandium	45-1	1576301	1578455	1590714	1581823	0.49	cps
Scandium	45-2	74781	76111	76238	75710	1.07	cps
Selenium	77-2	4374	4394	4501	4423	1.54	cps
Selenium	78-2	14277	14637	14557	14491	1.30	cps
Selenium	82-1	87783	87191	88218	87731	0.59	cps
Silicon	28-1	21613636	21673715	21998704	21762018	0.95	cps
Silver	109-1	169538	168593	168333	168821	0.38	cps
Silver	107-1	176142	177887	176359	176796	0.54	cps
Sodium	23-2	2813955	2841474	2843682	2833037	0.58	cps
Strontium	86-1	222521	224435	223632	223529	0.43	cps
Strontium	88-1	1890656	1880577	1891216	1887483	0.32	cps
Sulfur	34-1	190857	191262	190924	191014	0.11	cps
Terbium	159-1	3072471	3070091	3130711	3091091	1.11	cps
Terbium	159-2	1619093	1664187	1664876	1649385	1.59	cps
Thallium	203-1	5134381	5152739	5229313	5172144	0.97	cps
Thallium	205-1	12377094	12385935	12632834	12465288	1.16	cps
Thorium	232-1	1156	1372	1122	1217	11.16	cps
Tin	118-1	1188237	1173560	1203236	1188344	1.25	cps
Titanium	47-1	73542	71766	74580	73296	1.94	cps
Uranium	238-1	9062	8603	8645	8770	2.89	cps
Vanadium	51-2	179283	183455	181544	181427	1.15	cps
Yttrium	89-1	2204572	2206215	2221535	2210774	0.42	cps
Yttrium	89-2	343777	353081	353110	349990	1.54	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01MSD	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:33:12	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25138	25950	25155	25414	1.82	cps
Zirconium	90-1	1383	1492	1325	1400	6.04	cps
Zirconium	91-1	592	725	508	608	17.97	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01A Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:36:47 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	61519	61084	60632	61078	0.73	cps
Antimony	121-1	1557762	1562786	1556419	1558989	0.22	cps
Arsenic	75-1	322413	319877	312395	318228	1.64	cps
Barium	135-1	304516	304246	304931	304564	0.11	cps
Barium	137-1	535705	534420	531879	534001	0.36	cps
Beryllium	9-1	143446	145374	143748	144189	0.72	cps
Bismuth	209-1	1952288	1942372	1949962	1948207	0.27	cps
Bismuth	209-2	1209104	1224526	1213605	1215745	0.65	cps
Boron	10-1	48738	48370	48529	48545	0.38	cps
Boron	11-1	209733	210706	214045	211495	1.07	cps
Cadmium	111-1	107597	106784	106669	107017	0.47	cps
Cadmium	106-1	10396	10254	9587	10079	4.29	cps
Cadmium	108-1	7164	7452	7285	7301	1.98	cps
Calcium	43-1	411097	416033	417163	414765	0.78	cps
Calcium	44-1	6866572	6966624	6898684	6910627	0.74	cps
Chromium	52-2	281959	283268	283158	282795	0.26	cps
Cobalt	59-2	191913	192473	190539	191642	0.52	cps
Copper	63-2	211430	213039	211829	212100	0.39	cps
Dysprosium	156-1	152110	151404	148135	150550	1.41	cps
Dysprosium	156-2	46963	47027	46766	46919	0.29	cps
Erbium	164-1	442	392	408	414	6.15	cps
Erbium	164-2	207	213	253	224	11.25	cps
Gadolinium	160-1	400	567	383	450	22.53	cps
Gadolinium	160-2	333	317	363	338	7.00	cps
Holmium	165-1	3036415	3075916	3044047	3052126	0.69	cps
Holmium	165-2	1689270	1690778	1685632	1688560	0.16	cps
Indium	115-1	1833367	1837016	1835126	1835170	0.10	cps
Indium	115-2	411484	418793	414464	414914	0.89	cps
Iron	56-2	1770725	1791112	1772183	1778007	0.64	cps
Iron	57-2	47288	48107	47806	47733	0.87	cps
Krypton	83-1	63	77	63	68	11.36	cps
Lead	206-1	2062527	2039209	2040390	2047375	0.64	cps
Lead	207-1	1812824	1806018	1814235	1811025	0.24	cps
Lead	208-1	8501292	8472785	8502358	8492145	0.20	cps
Lithium	6-1	1197113	1199492	1203405	1200003	0.26	cps
Magnesium	24-2	775779	785907	785159	782282	0.72	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : K3517-01A Instrumnet Name : P7
 Client Sample ID : 390619179.9-WELL-TAN Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:36:47 DataFile Name : 033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	89802	92485	91153	91147	1.47	cps
Molybdenum	94-1	239755	237021	239897	238891	0.68	cps
Molybdenum	95-1	422579	421475	423438	422498	0.23	cps
Molybdenum	96-1	450989	448994	447735	449239	0.37	cps
Molybdenum	97-1	264366	265164	264976	264835	0.16	cps
Molybdenum	98-1	676430	679093	677108	677544	0.20	cps
Neodymium	150-1	320	313	360	331	7.62	cps
Neodymium	150-2	157	163	147	156	5.39	cps
Nickel	60-2	116669	116414	116602	116562	0.11	cps
Phosphorus	31-2	9053	8770	8744	8856	1.94	cps
Potassium	39-2	681959	689574	689461	686998	0.64	cps
Rhodium	103-1	1645820	1630665	1652298	1642928	0.68	cps
Rhodium	103-2	834392	840288	835948	836876	0.37	cps
Scandium	45-1	1567324	1593031	1586861	1582405	0.85	cps
Scandium	45-2	75675	76402	75565	75881	0.60	cps
Selenium	77-2	4071	4337	4324	4244	3.54	cps
Selenium	78-2	14448	14702	14415	14522	1.08	cps
Selenium	82-1	87800	86891	87631	87440	0.55	cps
Silicon	28-1	21588194	21925107	22019190	21844164	1.04	cps
Silver	109-1	170388	171577	169823	170596	0.52	cps
Silver	107-1	177904	173408	177489	176267	1.41	cps
Sodium	23-2	2868549	2862222	2837902	2856224	0.57	cps
Strontium	86-1	222278	220655	225560	222831	1.12	cps
Strontium	88-1	1893994	1899931	1897993	1897306	0.16	cps
Sulfur	34-1	185732	185195	184200	185042	0.42	cps
Terbium	159-1	3123249	3121457	3128135	3124281	0.11	cps
Terbium	159-2	1662951	1667211	1667767	1665976	0.16	cps
Thallium	203-1	5195275	5196012	5207744	5199677	0.13	cps
Thallium	205-1	12492561	12510438	12473407	12492136	0.15	cps
Thorium	232-1	733	700	694	709	2.97	cps
Tin	118-1	1194744	1182964	1190736	1189481	0.50	cps
Titanium	47-1	72428	73797	75150	73792	1.84	cps
Uranium	238-1	9029	9054	9387	9156	2.19	cps
Vanadium	51-2	178249	180758	179737	179581	0.70	cps
Yttrium	89-1	2210459	2237871	2215735	2221355	0.65	cps
Yttrium	89-2	351673	357199	350982	353285	0.96	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	K3517-01A	Instrumnet Name :	P7
Client Sample ID :	390619179.9-WELL-TAN	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:36:47	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	25442	25382	25352	25392	0.18	cps
Zirconium	90-1	775	858	633	756	15.06	cps
Zirconium	91-1	408	433	517	453	12.53	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1442897	1449342	1453954	1448731	0.38	cps
Antimony	121-1	970314	960997	964762	965358	0.49	cps
Arsenic	75-1	213403	212135	212499	212679	0.31	cps
Barium	135-1	1376327	1354580	1341677	1357528	1.29	cps
Barium	137-1	2365829	2329683	2343391	2346301	0.78	cps
Beryllium	9-1	352096	351935	349228	351086	0.46	cps
Bismuth	209-1	1860045	1822156	1840257	1840819	1.03	cps
Bismuth	209-2	1121271	1116982	1123457	1120570	0.29	cps
Boron	10-1	66622	67176	66555	66784	0.51	cps
Boron	11-1	290211	290336	293879	291475	0.71	cps
Cadmium	111-1	286213	280948	285003	284055	0.97	cps
Cadmium	106-1	33064	33875	33833	33591	1.36	cps
Cadmium	108-1	23094	22539	22577	22737	1.36	cps
Calcium	43-1	1991392	1949401	1959284	1966692	1.12	cps
Calcium	44-1	33432178	33167675	33176173	33258675	0.45	cps
Chromium	52-2	345720	347219	346967	346635	0.23	cps
Cobalt	59-2	458989	460825	461480	460432	0.28	cps
Copper	63-2	588569	591423	589743	589912	0.24	cps
Dysprosium	156-1	42	58	50	50	16.67	cps
Dysprosium	156-2	47	43	57	49	14.20	cps
Erbium	164-1	0	8	25	11	114.58	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	25	42	17	28	45.82	cps
Gadolinium	160-2	70	33	37	47	43.45	cps
Holmium	165-1	3059992	3051595	3031437	3047675	0.48	cps
Holmium	165-2	1683222	1686297	1690722	1686747	0.22	cps
Indium	115-1	1787891	1765614	1763581	1772362	0.76	cps
Indium	115-2	400459	402673	405322	402818	0.60	cps
Iron	56-2	67860452	67537678	66982518	67460216	0.66	cps
Iron	57-2	1703685	1706075	1705280	1705013	0.07	cps
Krypton	83-1	83	73	57	71	18.95	cps
Lead	206-1	990089	976813	979736	982213	0.71	cps
Lead	207-1	900956	888092	888331	892460	0.82	cps
Lead	208-1	3996231	3941125	3942075	3959810	0.80	cps
Lithium	6-1	1157793	1144625	1149637	1150685	0.58	cps
Magnesium	24-2	17042335	17017034	16977356	17012241	0.19	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	437642	440115	435985	437914	0.47	cps
Molybdenum	94-1	2132294	2114415	2114835	2120515	0.48	cps
Molybdenum	95-1	2729206	2532865	2525365	2595812	4.45	cps
Molybdenum	96-1	3040339	2986366	2988281	3004995	1.02	cps
Molybdenum	97-1	1590931	1575253	1578059	1581414	0.53	cps
Molybdenum	98-1	4454534	4389476	4422369	4422127	0.74	cps
Neodymium	150-1	173	167	80	140	37.19	cps
Neodymium	150-2	17	7	33	19	71.30	cps
Nickel	60-2	108366	108833	108454	108551	0.23	cps
Phosphorus	31-2	14574	14933	14666	14724	1.27	cps
Potassium	39-2	7552589	7554886	7502401	7536625	0.39	cps
Rhodium	103-1	1521398	1489220	1503531	1504716	1.07	cps
Rhodium	103-2	772727	780214	776820	776587	0.48	cps
Scandium	45-1	1587405	1561162	1568771	1572446	0.86	cps
Scandium	45-2	75582	76245	76563	76130	0.66	cps
Selenium	77-2	1047	1220	1133	1133	7.65	cps
Selenium	78-2	3706	3808	3547	3687	3.57	cps
Selenium	82-1	22333	22262	22330	22308	0.18	cps
Silicon	28-1	1111204	1116259	1125333	1117598	0.64	cps
Silver	109-1	1156209	1136853	1146066	1146376	0.84	cps
Silver	107-1	1197509	1186700	1190083	1191430	0.46	cps
Sodium	23-2	34796446	34470245	34438183	34568291	0.57	cps
Strontium	86-1	360214	354129	361685	358676	1.12	cps
Strontium	88-1	3221927	3161494	3199746	3194389	0.96	cps
Sulfur	34-1	272992	273473	270632	272366	0.56	cps
Terbium	159-1	3129916	3090858	3111539	3110771	0.63	cps
Terbium	159-2	1656208	1665894	1643050	1655051	0.69	cps
Thallium	203-1	1211482	1195167	1196938	1201196	0.75	cps
Thallium	205-1	3027088	2985891	3016027	3009668	0.71	cps
Thorium	232-1	5449736	5351812	5381215	5394254	0.93	cps
Tin	118-1	844777	838554	837928	840419	0.45	cps
Titanium	47-1	885216	865453	871652	874107	1.16	cps
Uranium	238-1	5114170	4976535	5002842	5031182	1.45	cps
Vanadium	51-2	296582	296112	296986	296560	0.15	cps
Yttrium	89-1	2196433	2156299	2165386	2172706	0.97	cps
Yttrium	89-2	344334	352449	349790	348858	1.19	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCV31	Instrumnet Name :	P7
Client Sample ID :	CCV31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:40:24	DataFile Name :	034CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	102496	104051	102648	103065	0.83	cps
Zirconium	90-1	1889745	1867517	1871957	1876406	0.63	cps
Zirconium	91-1	426701	424090	425739	425510	0.31	cps

LB Number : LB103645 Operator : Jaswal
 Lab Sample ID : CCB31 Instrumnet Name : P7
 Client Sample ID : CCB31 Dilution Factor : 1
 Date & Time Acquired :: 2019-06-26 12:44:02 DataFile Name : 035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	58	75	67	12.49	cps
Antimony	121-1	1008	1075	1133	1072	5.83	cps
Arsenic	75-1	84	-65	-83	-21	-434.82	cps
Barium	135-1	242	133	133	169	36.91	cps
Barium	137-1	350	325	250	308	16.88	cps
Beryllium	9-1	167	133	120	140	17.17	cps
Bismuth	209-1	2035372	2013563	2008901	2019279	0.70	cps
Bismuth	209-2	1241428	1251753	1244535	1245905	0.43	cps
Boron	10-1	4484	3626	4234	4115	10.73	cps
Boron	11-1	17753	17219	16835	17269	2.67	cps
Cadmium	111-1	727	773	685	728	6.04	cps
Cadmium	106-1	950	1025	933	970	5.04	cps
Cadmium	108-1	13	4	8	8	49.98	cps
Calcium	43-1	308	275	142	242	36.49	cps
Calcium	44-1	6760	5284	4434	5493	21.43	cps
Chromium	52-2	223	187	193	201	9.71	cps
Cobalt	59-2	13	30	13	19	50.96	cps
Copper	63-2	180	143	180	168	12.62	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	0	25	17	86.60	cps
Erbium	164-2	3	10	17	10	66.70	cps
Gadolinium	160-1	0	0	17	6	173.21	cps
Gadolinium	160-2	40	23	40	34	27.94	cps
Holmium	165-1	3086578	3114258	3083675	3094837	0.55	cps
Holmium	165-2	1689342	1703735	1679850	1690975	0.71	cps
Indium	115-1	1914575	1912764	1915455	1914265	0.07	cps
Indium	115-2	436910	439757	435962	437543	0.45	cps
Iron	56-2	4317	3484	2734	3512	22.56	cps
Iron	57-2	67	100	72	80	22.43	cps
Krypton	83-1	83	63	57	68	20.47	cps
Lead	206-1	333	356	261	317	15.59	cps
Lead	207-1	350	244	183	259	32.52	cps
Lead	208-1	1411	1167	961	1180	19.10	cps
Lithium	6-1	1221876	1228380	1217162	1222473	0.46	cps
Magnesium	24-2	850	592	492	644	28.69	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:44:02	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	30	20	24	20.83	cps
Molybdenum	94-1	825	667	450	647	29.09	cps
Molybdenum	95-1	1000	792	592	795	25.70	cps
Molybdenum	96-1	842	792	717	783	8.03	cps
Molybdenum	97-1	550	492	358	467	21.05	cps
Molybdenum	98-1	1450	1300	1100	1283	13.68	cps
Neodymium	150-1	0	0	7	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	27	7	23	19	56.72	cps
Phosphorus	31-2	25	67	42	44	47.19	cps
Potassium	39-2	5243	4901	4993	5045	3.51	cps
Rhodium	103-1	1731249	1710882	1721823	1721318	0.59	cps
Rhodium	103-2	883516	881292	875507	880105	0.47	cps
Scandium	45-1	1684848	1664757	1665500	1671702	0.68	cps
Scandium	45-2	80189	81342	80172	80567	0.83	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	7	6	19	10	66.78	cps
Selenium	82-1	-13	32	35	18	149.82	cps
Silicon	28-1	90456	88519	86634	88536	2.16	cps
Silver	109-1	217	150	117	161	31.61	cps
Silver	107-1	167	200	167	178	10.83	cps
Sodium	23-2	6735	6193	5918	6282	6.62	cps
Strontium	86-1	167	125	158	150	14.70	cps
Strontium	88-1	592	342	317	417	36.50	cps
Sulfur	34-1	128988	131307	133023	131106	1.54	cps
Terbium	159-1	3173264	3159720	3172110	3168365	0.24	cps
Terbium	159-2	1677426	1687358	1662415	1675733	0.75	cps
Thallium	203-1	458	442	408	436	5.84	cps
Thallium	205-1	1275	1350	1083	1236	11.13	cps
Thorium	232-1	1650	1428	1083	1387	20.59	cps
Tin	118-1	483	592	433	503	16.10	cps
Titanium	47-1	183	100	125	136	31.41	cps
Uranium	238-1	917	500	517	644	36.61	cps
Vanadium	51-2	27	3	10	13	90.16	cps
Yttrium	89-1	2295889	2290794	2270811	2285832	0.58	cps
Yttrium	89-2	362676	363835	362711	363074	0.18	cps

LB Number :	LB103645	Operator :	Jaswal
Lab Sample ID :	CCB31	Instrumnet Name :	P7
Client Sample ID :	CCB31	Dilution Factor :	1
Date & Time Acquired ::	2019-06-26 12:44:02	DataFile Name :	035CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83	67	47	66	28.00	cps
Zirconium	90-1	667	533	575	592	11.53	cps
Zirconium	91-1	167	92	117	125	30.55	cps