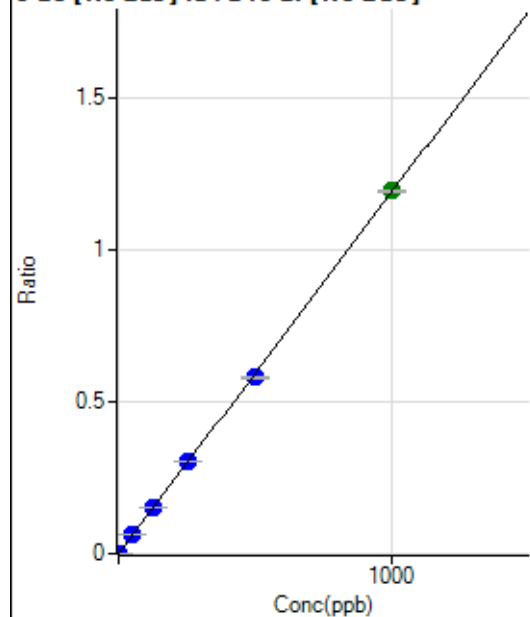


Batch Folder: D:\ICP-MS Data\P7101918MS.b\
Analysis File: P7101918MS.batch.bin
DA Date-Time: 2018-10-19 19:50:26
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-10-19 17:23:03
2			
3	005CALS.d	S02	2018-10-19 17:31:13
4	006CALS.d	S03	2018-10-19 17:35:14
5	007CALS.d	S04	2018-10-19 17:39:42
6	008CALS.d	S05	2018-10-19 17:43:40
7	009CALS.d	S06	2018-10-19 17:47:34
8	010CALS.d	S07	2018-10-19 17:51:28
9	011CALS.d	S08	2018-10-19 17:55:26

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	25.93	0.0000	P	75.2
2	☐	0.100					
3	☐	1.000	0.997	3778.34	0.0012	P	2.4
4	☐	50.000	51.936	192614.81	0.0618	P	0.7
5	☐	125.000	128.281	465952.11	0.1526	P	0.7
6	☐	250.000	253.756	894198.23	0.3019	P	0.4
7	☐	500.000	488.715	1710899.43	0.5814	P	1.4
8	☐	1000.000	1004.197	3401179.76	1.1946	A	0.7
9	☐			559.28	0.0002	P	4.2

$$y = 0.0012 * x + 8.9431E-006$$

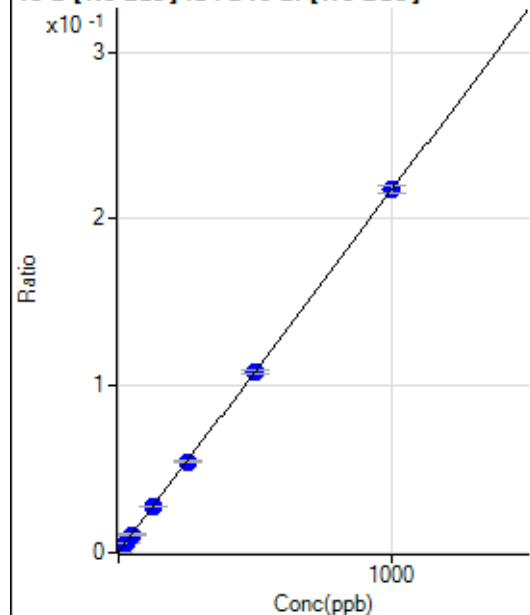
$$R = 0.9999$$

$$DL = 0.01696$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	591.70	0.0002	P	9.2
2	☐	2.500					
3	☐	25.000	23.381	16676.48	0.0053	P	0.7
4	☐	50.000	49.222	33902.74	0.0109	P	3.6
5	☐	125.000	126.340	84259.30	0.0276	P	0.9
6	☐	250.000	250.916	161756.07	0.0546	P	1.1
7	☐	500.000	496.960	317688.25	0.1080	P	2.2
8	☐	1000.000	1001.203	618617.00	0.2173	P	2.2
9	☐			10857.05	0.0044	P	6.1

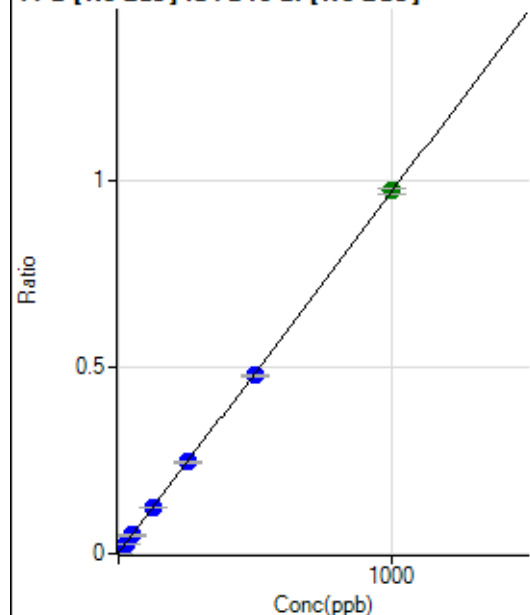
$$y = 2.1682E-004 * x + 2.0420E-004$$

$$R = 1.0000$$

$$DL = 0.2601$$

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	2703.12	0.0009	P	5.2
2	☐	2.500					
3	☐	25.000	23.192	74152.00	0.0234	P	1.2
4	☐	50.000	49.871	153824.84	0.0493	P	2.7
5	☐	125.000	125.889	375997.06	0.1231	P	0.5
6	☐	250.000	252.402	728596.47	0.2460	P	1.5
7	☐	500.000	492.109	1408678.08	0.4787	P	1.4
8	☐	1000.000	1003.286	2775730.40	0.9750	A	1.4
9	☐			48147.35	0.0195	P	8.6

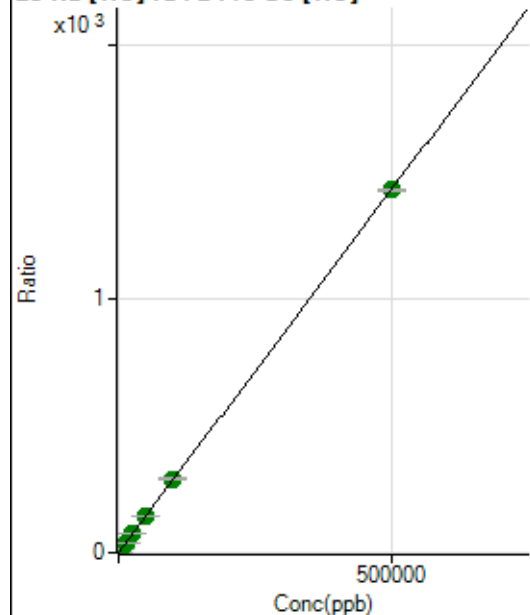
$$y = 9.7083\text{E-}004 * x + 9.3286\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.15$$

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	12919.91	0.0592	P	2.1
2	☐	50.000					
3	☐	500.000	504.805	333770.83	1.5017	P	0.7
4	☐	5000.000	5106.209	3268305.82	14.6503	A	1.0
5	☐	12500.000	12771.962	8017468.23	36.5554	A	0.3
6	☐	25000.000	25733.124	15865165.46	73.5922	A	0.6
7	☐	50000.000	50543.329	30994214.58	144.4878	A	1.4
8	☐	100000.00	101519.81	62443122.92	290.1542	A	1.6
9	☐	500000.00	499597.18	319881359.9	1,427.668	A	0.3

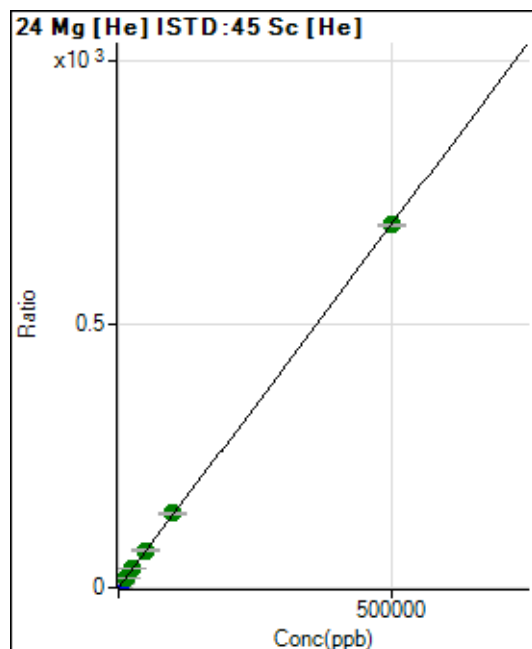
$$y = 0.0029 * x + 0.0592$$

$$R = 1.0000$$

$$DL = 1.275$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.56	0.0007	P	7.3
2	☐	50.000					
3	☐	500.000	530.671	162620.15	0.7317	P	1.3
4	☐	5000.000	5262.055	1617220.62	7.2492	P	1.5
5	☐	12500.000	12947.401	3911813.84	17.8358	A	0.4
6	☐	25000.000	26240.554	7792679.51	36.1471	A	0.7
7	☐	50000.000	51355.927	15175200.51	70.7436	A	1.5
8	☐	100000.00	102294.53	30324980.54	140.9116	A	1.3
9	☐	500000.00	499329.63	154115385.3	687.8283	A	0.2

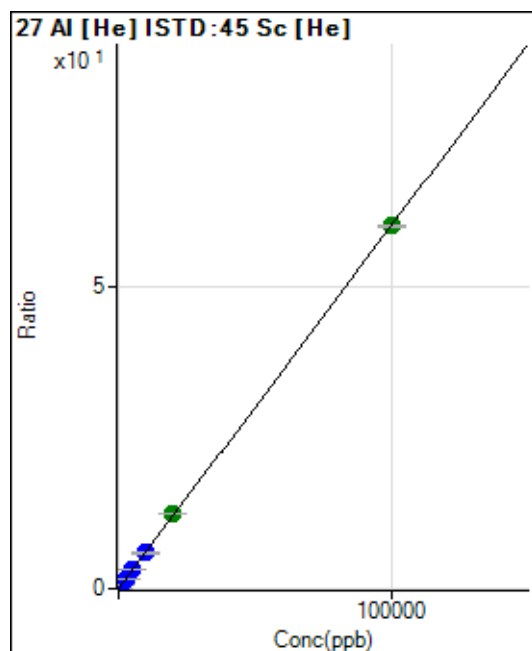
$$y = 0.0014 * x + 7.1294E-004$$

$$R = 1.0000$$

$$DL = 0.114$$

Weight: <None>

Min Conc: 0



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	91.67	0.0004	P	31.9
2	☐	2.000					
3	☐	20.000	18.773	2603.12	0.0117	P	7.9
4	☐	1000.000	1022.750	137353.27	0.6157	P	0.9
5	☐	2500.000	2527.323	333556.21	1.5208	P	0.7
6	☐	5000.000	5047.042	654646.26	3.0367	P	0.5
7	☐	10000.000	9833.299	1269157.81	5.9160	P	1.1
8	☐	20000.000	20642.072	2672518.09	12.4184	A	1.3
9	☐	100000.00	99884.993	13463784.50	60.0899	A	0.2

$$y = 6.0159E-004 * x + 4.1957E-004$$

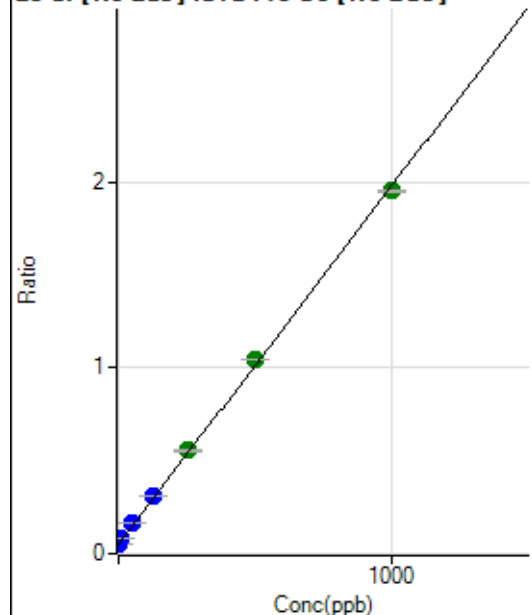
$$R = 1.0000$$

$$DL = 0.6679$$

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	239678.15	0.0506	P	0.5
2	☐	1.000					
3	☐	10.000	16.075	377583.47	0.0816	P	0.1
4	☐	50.000	58.378	750762.44	0.1631	P	0.5
5	☐	125.000	134.633	1397597.08	0.3099	P	0.2
6	☐	250.000	261.654	2445589.53	0.5545	A	1.5
7	☐	500.000	517.224	4614840.21	1.0467	A	0.5
8	☐	1000.000	986.791	8550129.62	1.9509	A	0.7
9	☐			569676.47	0.1280	P	1.0

$$y = 0.0019 * x + 0.0506$$

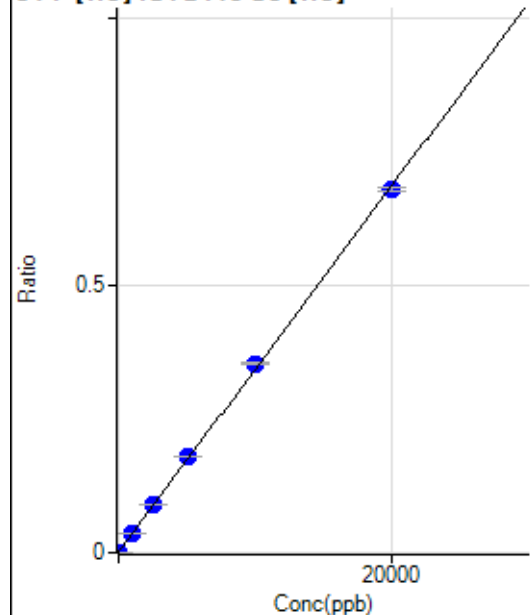
$$R = 0.9997$$

$$DL = 0.4186$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	-2.453	225.01	0.0010	P	33.2
2	☐	0.000					
3	☐	0.000	2.453	266.68	0.0012	P	8.6
4	☐	1000.000	1026.070	8083.04	0.0362	P	3.7
5	☐	2500.000	2564.152	19491.07	0.0889	P	0.5
6	☐	5000.000	5204.694	38639.64	0.1792	P	0.4
7	☐	10000.000	10293.423	75809.32	0.3534	P	0.8
8	☐	20000.000	19792.792	146014.71	0.6785	P	1.2
9	☐			211.12	0.0009	P	2.0

$$y = 3.4223E-005 * x + 0.0011$$

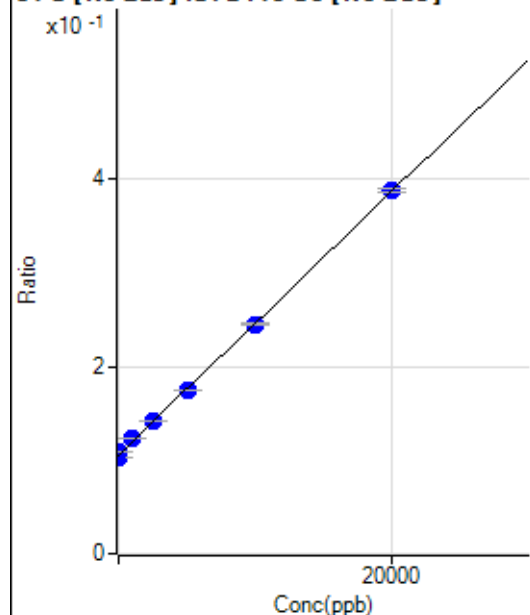
$$R = 0.9998$$

$$DL = 19.56$$

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	-183.527	487744.36	0.1030	P	0.6
2	☐	0.000					
3	☐	0.000	183.527	500721.26	0.1082	P	0.7
4	☐	1000.000	1210.895	564659.68	0.1226	P	0.6
5	☐	2500.000	2597.627	640954.02	0.1421	P	0.5
6	☐	5000.000	4888.335	768828.48	0.1743	P	0.6
7	☐	10000.000	9923.915	1080600.84	0.2451	P	0.6
8	☐	20000.000	20043.211	1697323.78	0.3873	P	1.2
9	☐			440918.19	0.0990	P	0.7

$$y = 1.4053E-005 * x + 0.1056$$

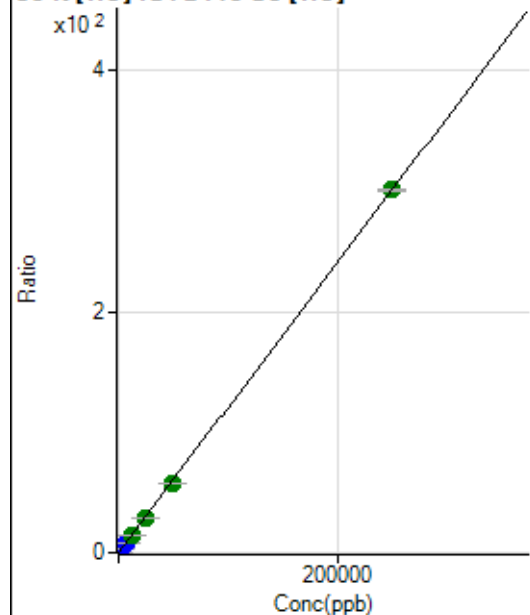
$$R = 0.9998$$

$$DL = 150$$

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	21558.12	0.0989	P	3.0
2	☐	50.000					
3	☐	500.000	491.504	153146.96	0.6891	P	0.7
4	☐	2500.000	2491.222	689419.84	3.0903	P	1.2
5	☐	6250.000	6055.317	1616457.48	7.3701	P	0.3
6	☐	12500.000	12092.991	3151872.69	14.6202	A	0.4
7	☐	25000.000	23857.913	6166913.85	28.7477	A	1.0
8	☐	50000.000	47649.841	12335451.23	57.3172	A	1.1
9	☐	250000.00	250609.56	67447810.53	301.0330	A	0.6

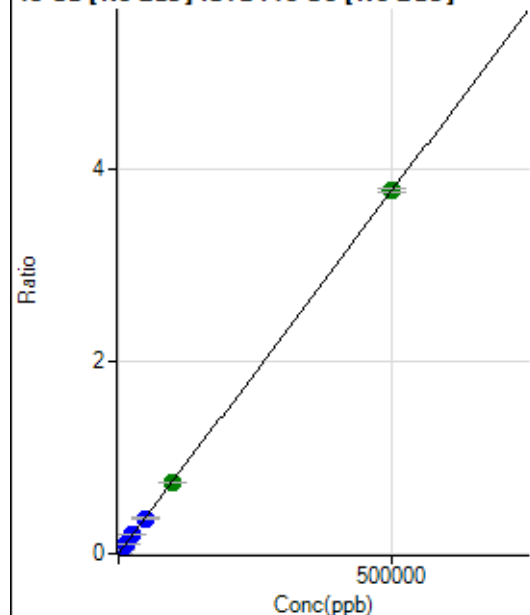
$$y = 0.0012 * x + 0.0989$$

$$R = 0.9999$$

$$DL = 7.489$$

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	172.23	0.0000	P	12.2
2	☐	50.000					
3	☐	500.000	479.179	16871.32	0.0036	P	1.6
4	☐	5000.000	5262.807	182686.31	0.0397	P	1.3
5	☐	12500.000	12970.733	440771.60	0.0977	P	0.2
6	☐	25000.000	25461.202	846025.89	0.1918	P	0.7
7	☐	50000.000	48928.895	1625127.51	0.3686	P	0.6
8	☐	100000.00	98369.643	3247497.75	0.7410	A	0.4
9	☐	500000.00	500395.74	16780142.39	3.7692	A	1.1

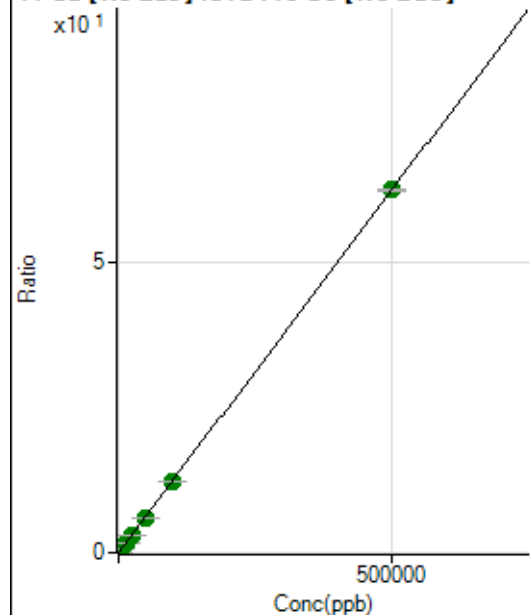
$$y = 7.5324\text{E-}006 * x + 3.6388\text{E-}005$$

$$R = 1.0000$$

$$DL = 1.773$$

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	10109.57	0.0021	P	4.3
2	☐	50.000					
3	☐	500.000	466.180	278723.76	0.0602	P	0.7
4	☐	5000.000	4910.010	2827015.97	0.6140	A	0.4
5	☐	12500.000	12200.913	6866478.19	1.5226	A	0.5
6	☐	25000.000	24508.318	13479770.27	3.0562	A	0.1
7	☐	50000.000	47999.560	26381930.80	5.9836	A	0.2
8	☐	100000.00	97118.548	53050078.96	12.1046	A	0.3
9	☐	500000.00	500809.32	277842858.9	62.4105	A	0.8

$$y = 1.2462\text{E-}004 * x + 0.0021$$

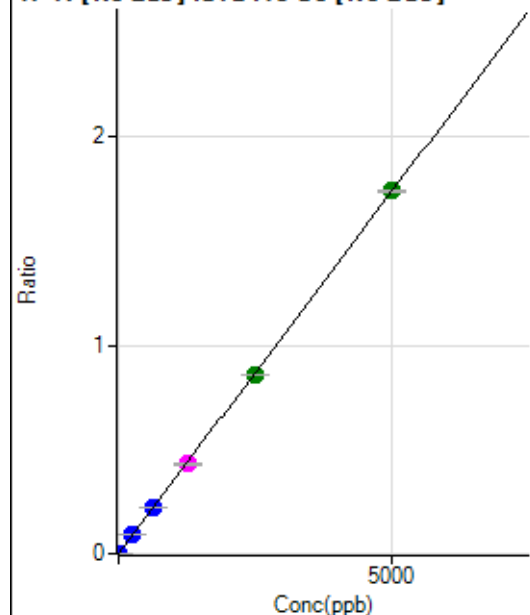
$$R = 1.0000$$

$$DL = 2.22$$

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	61.11	0.0000	P	28.5
2	☐	0.500					
3	☐	5.000	5.070	8197.01	0.0018	P	0.3
4	☐	250.000	255.152	407529.32	0.0885	P	0.2
5	☐	625.000	628.020	982398.23	0.2178	P	0.3
6	☐	1250.000	1238.007	1893876.13	0.4294	M	1.6
7	☐	2500.000	2475.166	3785186.63	0.8585	A	0.3
8	☐	5000.000	5014.780	7623006.34	1.7394	A	0.4
9	☐			3172.70	0.0007	P	2.6

$$y = 3.4684E-004 * x + 1.2914E-005$$

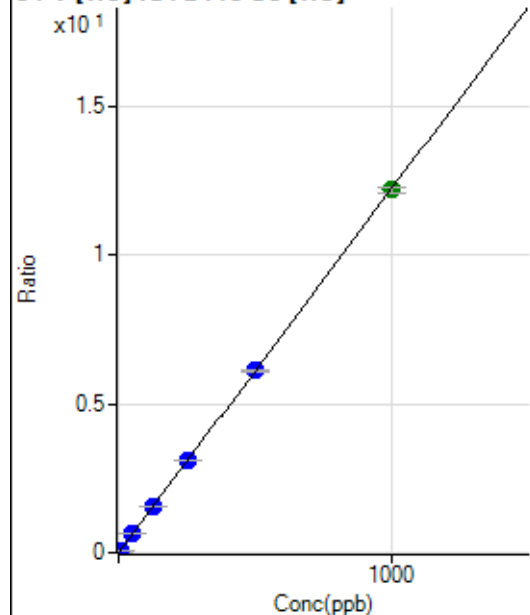
$$R = 1.0000$$

$$DL = 0.03181$$

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	6.66	0.0000	P	85.9
2	☐	0.500					
3	☐	5.000	5.086	13825.51	0.0622	P	1.7
4	☐	50.000	51.833	141380.41	0.6337	P	1.7
5	☐	125.000	127.892	342946.66	1.5636	P	0.2
6	☐	250.000	255.870	674416.47	3.1283	P	0.1
7	☐	500.000	501.602	1315595.07	6.1326	P	1.3
8	☐	1000.000	997.278	2623907.79	12.1928	A	1.6
9	☐			1313.42	0.0059	P	1.6

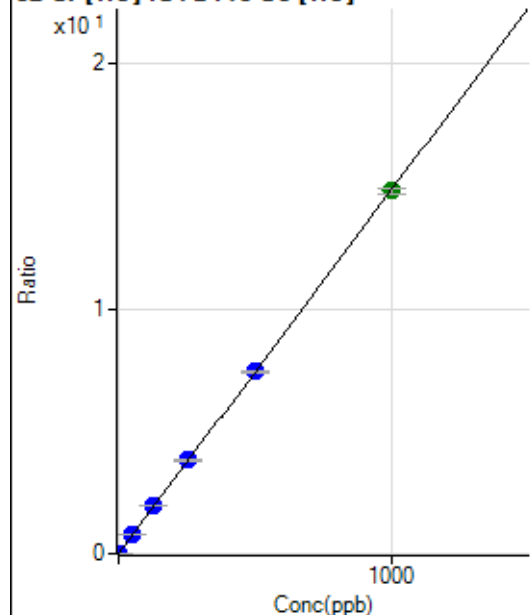
$$y = 0.0122 * x + 3.0421E-005$$

$$R = 1.0000$$

$$DL = 0.006412$$

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	593.36	0.0027	P	6.8
2	☐	0.200					
3	☐	2.000	2.259	8066.77	0.0363	P	1.1
4	☐	50.000	52.486	174606.92	0.7827	P	2.0
5	☐	125.000	130.079	424551.11	1.9357	P	0.4
6	☐	250.000	256.363	821853.93	3.8123	P	0.7
7	☐	500.000	500.539	1596226.62	7.4408	P	1.2
8	☐	1000.000	997.380	3190090.82	14.8240	A	1.7
9	☐			140351.17	0.6264	P	0.4

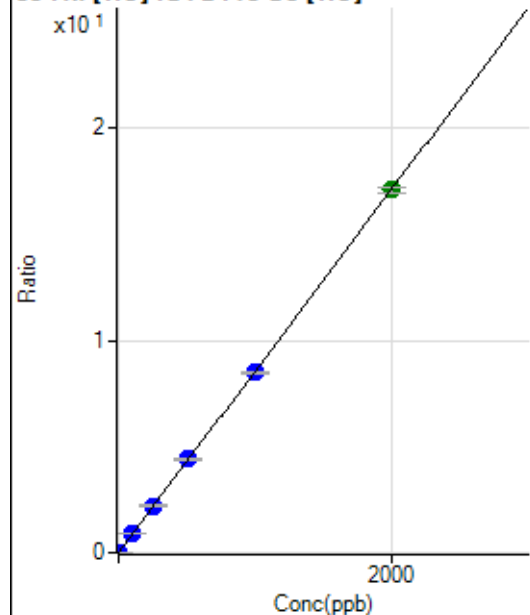
$$y = 0.0149 * x + 0.0027$$

$$R = 1.0000$$

$$DL = 0.03738$$

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	66.67	0.0003	P	18.7
2	☐	0.100					
3	☐	1.000	1.020	2004.61	0.0090	P	2.7
4	☐	100.000	104.903	200071.72	0.8968	P	1.5
5	☐	250.000	259.192	485890.89	2.2154	P	0.4
6	☐	500.000	513.612	946323.04	4.3897	P	0.9
7	☐	1000.000	994.364	1823036.93	8.4983	P	1.2
8	☐	2000.000	1998.021	3674670.12	17.0756	A	1.7
9	☐			23594.66	0.1053	P	1.2

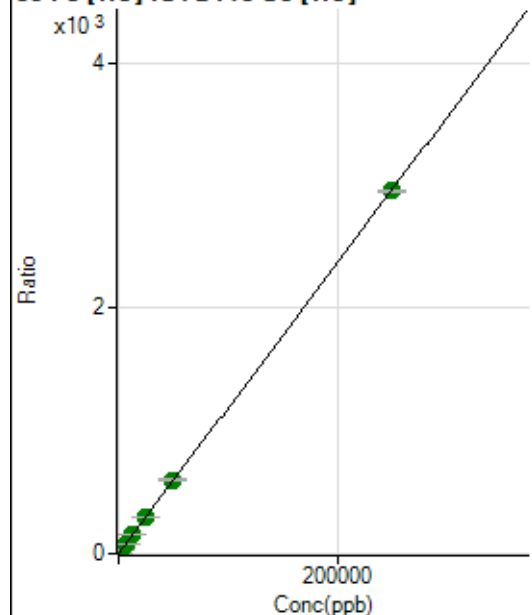
$$y = 0.0085 * x + 3.0591E-004$$

$$R = 1.0000$$

$$DL = 0.02012$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4856.49	0.0223	P	4.4
2	☐	5.000					
3	☐	50.000	53.372	145371.23	0.6541	P	0.6
4	☐	2500.000	2582.928	6826239.44	30.5986	A	1.9
5	☐	6250.000	6441.554	16729302.69	76.2764	A	0.2
6	☐	12500.000	12929.187	32999485.00	153.0760	A	0.9
7	☐	25000.000	25248.324	64118259.30	298.9080	A	1.6
8	☐	50000.000	50742.416	129265726.9	600.7032	A	2.0
9	☐	250000.00	249799.60	662566340.7	2,957.111	A	0.3

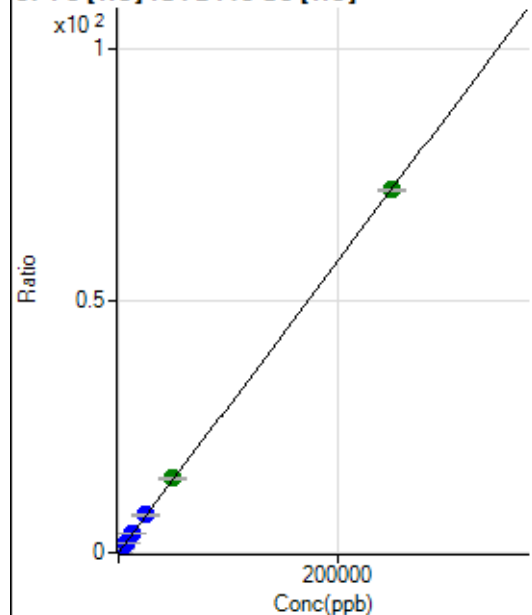
$$y = 0.0118 * x + 0.0223$$

$$R = 1.0000$$

$$DL = 0.2492$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	183.34	0.0008	P	13.1
2	☐	5.000					
3	☐	50.000	54.566	3683.89	0.0166	P	6.1
4	☐	2500.000	2690.116	173214.95	0.7764	P	2.1
5	☐	6250.000	6647.211	420515.17	1.9173	P	1.0
6	☐	12500.000	13153.078	817681.07	3.7930	P	0.9
7	☐	25000.000	25973.963	1606594.44	7.4894	P	1.9
8	☐	50000.000	50959.773	3161768.56	14.6931	A	2.1
9	☐	250000.00	249666.16	16128118.76	71.9824	A	0.4

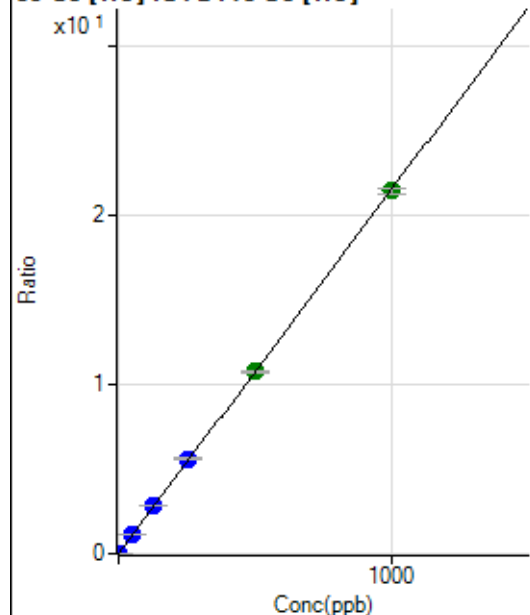
$$y = 2.8831E-004 * x + 8.4057E-004$$

$$R = 1.0000$$

$$DL = 1.148$$

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	58.89	0.0003	P	32.5
2	☐	0.100					
3	☐	1.000	1.065	5150.98	0.0232	P	4.6
4	☐	50.000	53.846	258528.35	1.1589	P	1.5
5	☐	125.000	132.066	623304.78	2.8419	P	0.4
6	☐	250.000	260.897	1210234.77	5.6140	P	0.9
7	☐	500.000	499.852	2307187.43	10.7555	A	1.4
8	☐	1000.000	996.274	4613244.97	21.4370	A	1.6
9	☐			10350.45	0.0462	P	2.3

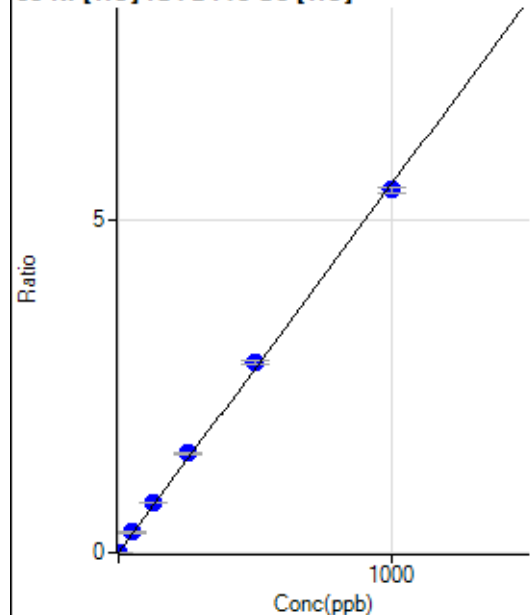
$$y = 0.0215 * x + 2.6953E-004$$

$$R = 0.9999$$

$$DL = 0.01222$$

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	46.67	0.0002	P	24.9
2	☐	0.100					
3	☐	1.000	1.138	1450.10	0.0065	P	4.0
4	☐	50.000	55.276	68446.67	0.3068	P	1.9
5	☐	125.000	135.510	164896.84	0.7518	P	0.2
6	☐	250.000	269.492	322286.71	1.4950	P	0.7
7	☐	500.000	517.454	615730.55	2.8704	P	1.6
8	☐	1000.000	984.822	1175638.30	5.4627	P	1.6
9	☐			33624.19	0.1501	P	0.1

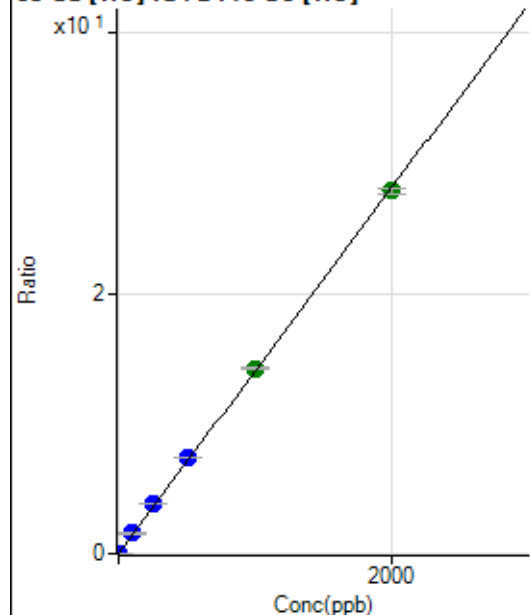
$$y = 0.0055 * x + 2.1367E-004$$

$$R = 0.9995$$

$$DL = 0.02876$$

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	205.56	0.0009	P	3.7
2	☐	0.200					
3	☐	2.000	2.236	7188.54	0.0323	P	1.1
4	☐	100.000	110.770	347256.48	1.5566	P	1.2
5	☐	250.000	269.759	831112.35	3.7894	P	0.2
6	☐	500.000	527.436	1597045.11	7.4082	P	0.7
7	☐	1000.000	1012.230	3049626.45	14.2166	A	1.5
8	☐	2000.000	1984.018	5996257.76	27.8644	A	1.8
9	☐			16451.64	0.0734	P	0.4

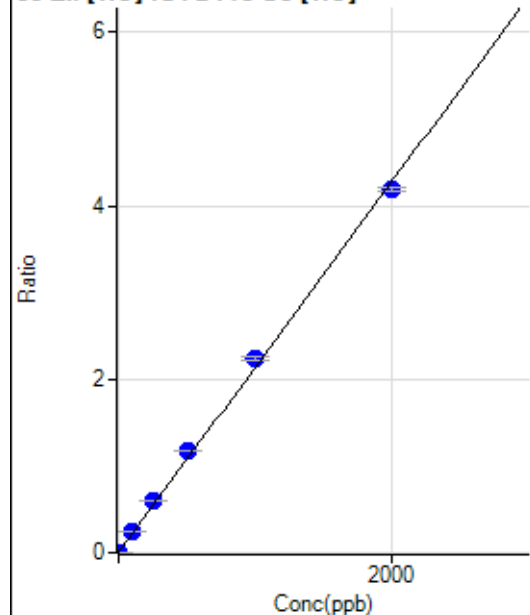
$$y = 0.0140 * x + 9.4260E-004$$

$$R = 0.9998$$

$$DL = 0.007352$$

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	705.58	0.0032	P	8.6
2	☐	0.200					
3	☐	2.000	2.299	1810.14	0.0081	P	0.9
4	☐	100.000	114.146	55094.67	0.2470	P	0.9
5	☐	250.000	281.618	132594.01	0.6046	P	0.4
6	☐	500.000	551.302	254472.28	1.1804	P	0.2
7	☐	1000.000	1048.887	481135.11	2.2428	P	1.5
8	☐	2000.000	1958.071	900523.09	4.1842	P	1.2
9	☐			5769.00	0.0257	P	2.2

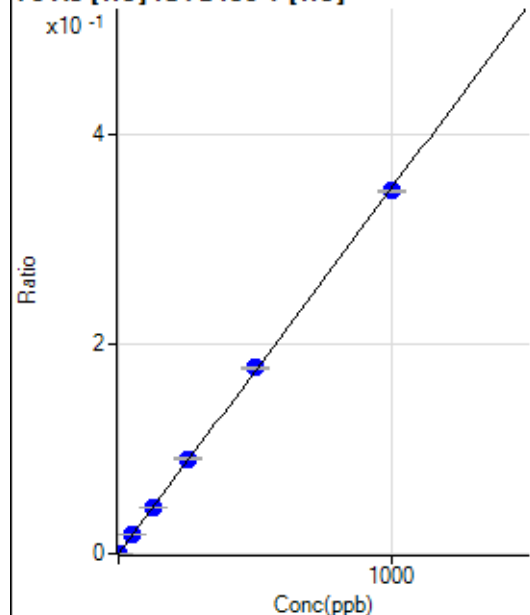
$$y = 0.0021 * x + 0.0032$$

$$R = 0.9991$$

$$DL = 0.3925$$

Weight: <None>

Min Conc: 0

75 As [He] ISTD:89 Y [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.64	0.0000	P	24.4
2	☐	0.100					
3	☐	1.000	1.013	327.79	0.0004	P	6.8
4	☐	50.000	52.031	16647.87	0.0182	P	2.3
5	☐	125.000	128.665	40376.86	0.0449	P	0.3
6	☐	250.000	260.212	80344.91	0.0909	P	0.7
7	☐	500.000	508.102	156307.89	0.1775	P	0.9
8	☐	1000.000	992.837	303442.59	0.3468	P	0.8
9	☐			162.34	0.0002	P	11.1

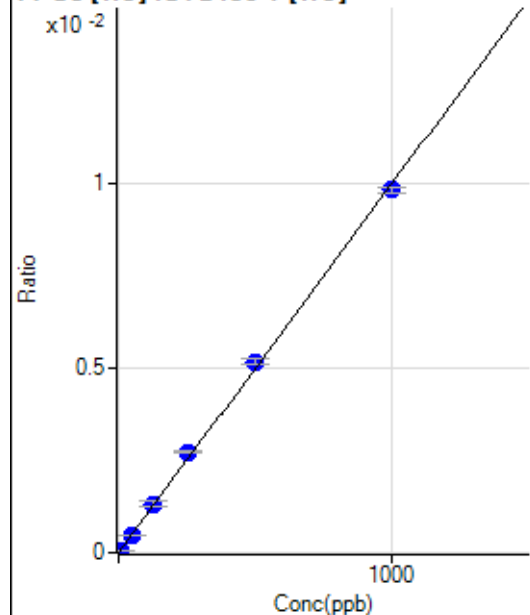
$$y = 3.4926E-004 * x + 9.7923E-006$$

$$R = 0.9999$$

$$DL = 0.02054$$

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	4.331	38.89	0.0000	P	34.7
4	☐	50.000	46.180	421.12	0.0005	P	2.9
5	☐	125.000	132.100	1182.29	0.0013	P	10.6
6	☐	250.000	273.245	2405.79	0.0027	P	0.9
7	☐	500.000	517.804	4543.00	0.0052	P	2.7
8	☐	1000.000	984.594	8581.57	0.0098	P	1.9
9	☐			2.22	0.0000	P	86.6

$$y = 9.9595E-006 * x + 0.0000E+000$$

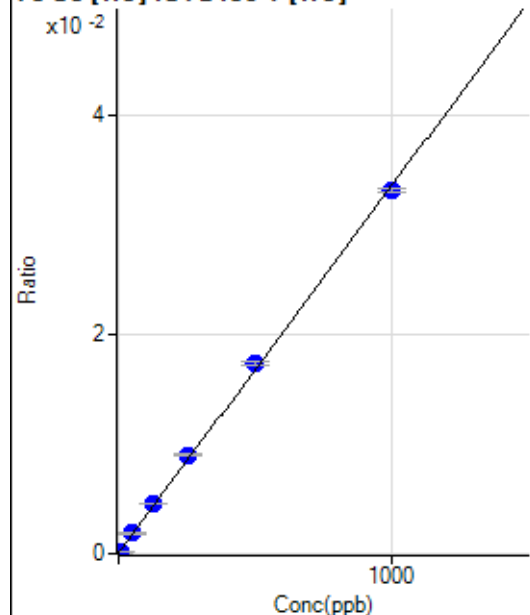
$$R = 0.9994$$

$$DL = 0$$

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	49.39	0.0001	P	28.3
2	☐	0.500					
3	☐	5.000	5.351	211.73	0.0002	P	5.8
4	☐	50.000	53.419	1685.91	0.0018	P	4.1
5	☐	125.000	132.885	4040.10	0.0045	P	0.9
6	☐	250.000	266.622	7926.91	0.0090	P	1.6
7	☐	500.000	516.056	15242.04	0.0173	P	1.7
8	☐	1000.000	986.658	28907.20	0.0330	P	1.0
9	☐			79.63	0.0001	P	11.6

$$y = 3.3422\text{E-}005 * x + 5.5936\text{E-}005$$

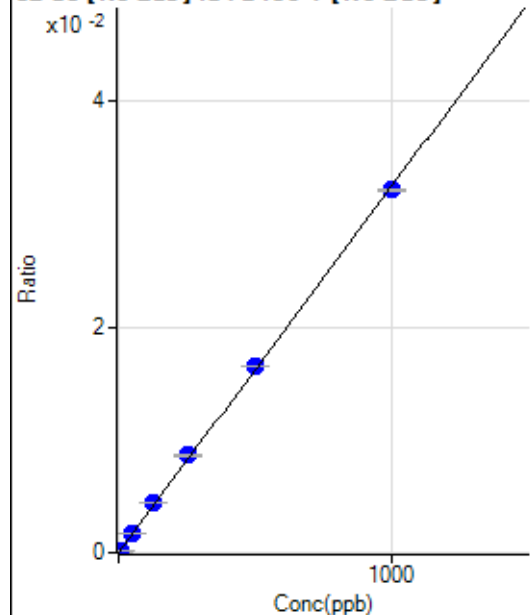
$$R = 0.9996$$

$$DL = 1.421$$

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	23.29	0.0000	P	213.
2	☐	0.500					
3	☐	5.000	5.128	1008.95	0.0002	P	2.8
4	☐	50.000	54.386	10409.29	0.0018	P	1.4
5	☐	125.000	135.143	25384.22	0.0044	P	0.8
6	☐	250.000	265.772	48936.15	0.0086	P	1.4
7	☐	500.000	507.960	93882.05	0.0165	P	0.4
8	☐	1000.000	990.589	181613.63	0.0321	P	0.8
9	☐			111.57	0.0000	P	65.6

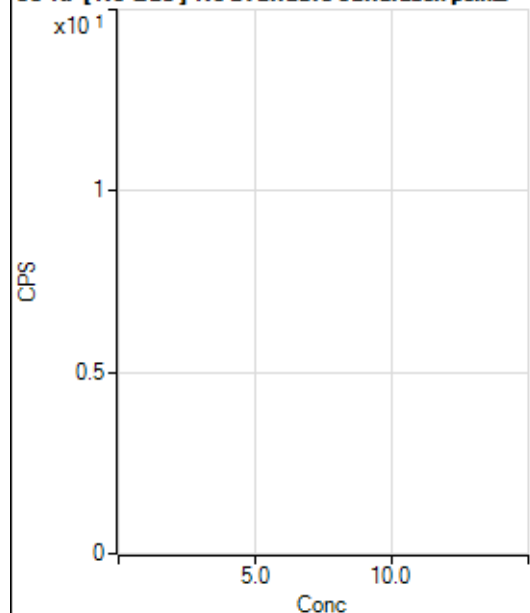
$$y = 3.2437\text{E-}005 * x + 3.8109\text{E-}006$$

$$R = 0.9998$$

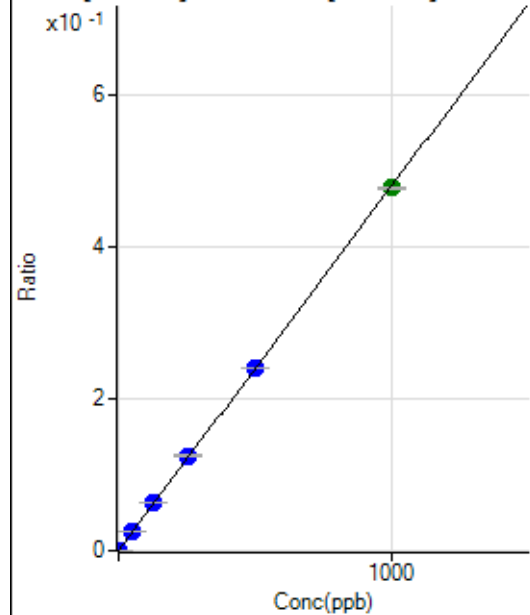
$$DL = 0.7507$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			302.23		P	18.1
2	☐						
3	☐			335.56		P	8.4
4	☐			351.12		P	8.5
5	☐			374.46		P	7.3
6	☐			284.45		P	12.5
7	☐			340.01		P	10.4
8	☐			352.23		P	3.3
9	☐			407.79		P	12.0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	527.81	0.0001	P	1.1
2	☐	0.100					
3	☐	1.000	1.025	3433.88	0.0006	P	9.3
4	☐	50.000	53.169	151031.05	0.0257	P	0.8
5	☐	125.000	132.932	370301.01	0.0640	P	0.4
6	☐	250.000	260.742	711852.92	0.1255	P	1.0
7	☐	500.000	501.914	1375255.71	0.2414	P	0.5
8	☐	1000.000	995.208	2704893.57	0.4786	A	0.3
9	☐			15514.47	0.0027	P	3.5

$$y = 4.8084\text{E-}004 * x + 8.6126\text{E-}005$$

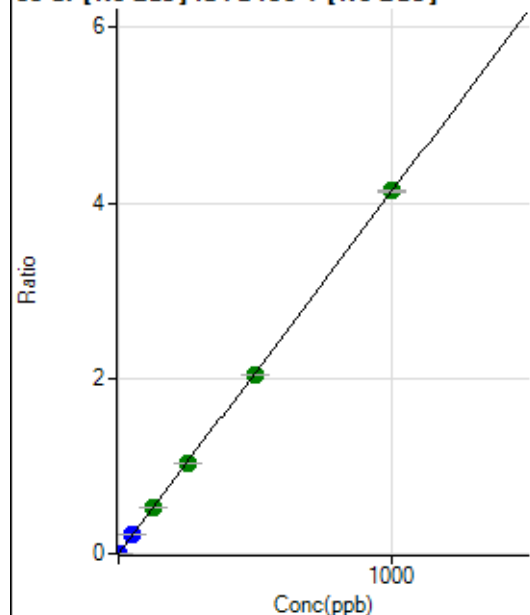
$$R = 0.9999$$

$$DL = 0.005831$$

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	200.01	0.0000	P	21.7
2	☐	0.100					
3	☐	1.000	1.025	25275.80	0.0043	P	1.2
4	☐	50.000	51.908	1261128.63	0.2142	P	0.7
5	☐	125.000	125.468	2995082.90	0.5177	A	0.1
6	☐	250.000	250.995	5875892.88	1.0356	A	0.6
7	☐	500.000	494.398	11619530.81	2.0398	A	0.6
8	☐	1000.000	1002.398	23372548.27	4.1357	A	0.6
9	☐			126592.51	0.0224	P	0.2

$$y = 0.0041 * x + 3.2639E-005$$

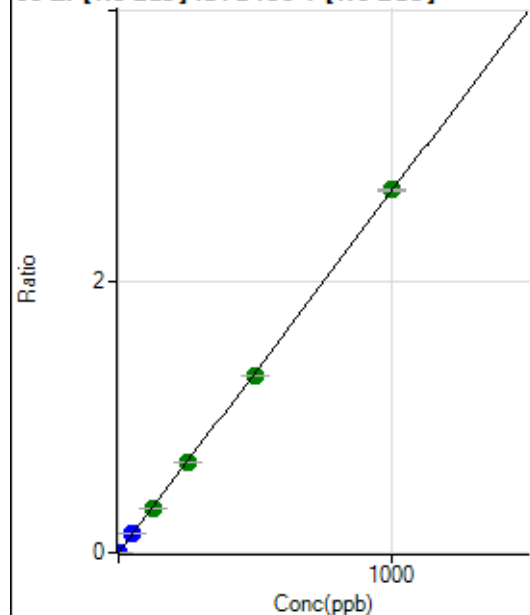
$$R = 1.0000$$

$$DL = 0.005151$$

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	469.47	0.0001	P	12.8
2	☐	0.100					
3	☐	1.000	1.029	16707.49	0.0028	P	1.2
4	☐	50.000	51.104	802216.49	0.1363	P	0.1
5	☐	125.000	124.092	1913511.83	0.3307	A	0.1
6	☐	250.000	250.178	3782971.22	0.6667	A	0.2
7	☐	500.000	491.055	7454186.10	1.3086	A	0.1
8	☐	1000.000	1004.486	15127132.63	2.6767	A	0.8
9	☐			9247.77	0.0016	P	1.5

$$y = 0.0027 * x + 7.6620E-005$$

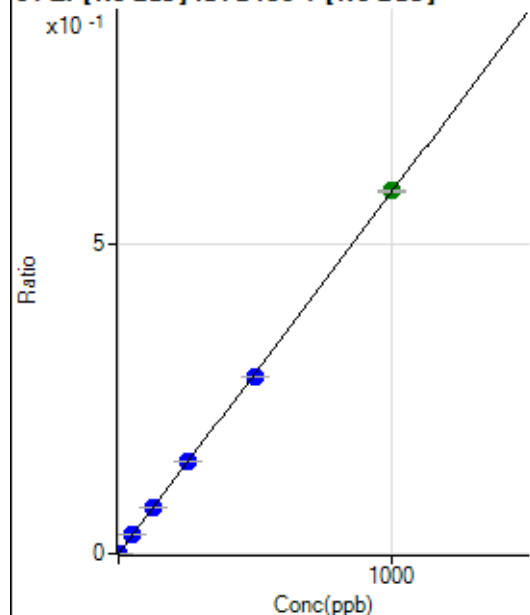
$$R = 0.9999$$

$$DL = 0.01104$$

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	88.89	0.0000	P	14.5
2	☐	0.100					
3	☐	1.000	1.140	4036.87	0.0007	P	2.1
4	☐	50.000	52.382	180265.61	0.0306	P	0.9
5	☐	125.000	129.145	436590.32	0.0755	P	0.2
6	☐	250.000	254.562	843913.89	0.1487	P	0.3
7	☐	500.000	489.101	1627785.10	0.2858	P	0.6
8	☐	1000.000	1003.672	3313817.00	0.5864	A	0.6
9	☐			2050.23	0.0004	P	5.4

$$y = 5.8421\text{E-}004 * x + 1.4508\text{E-}005$$

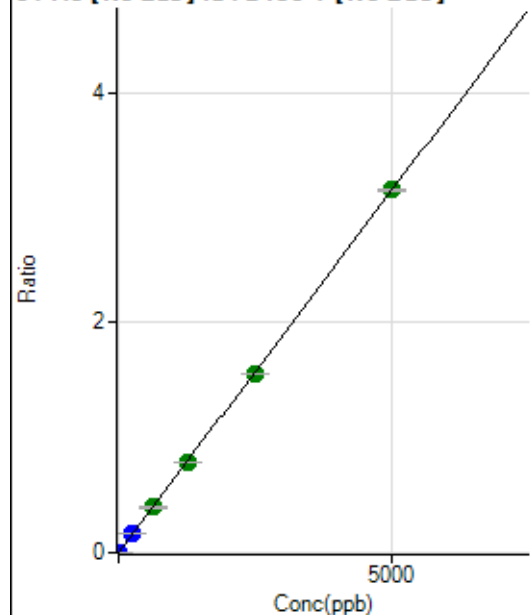
$$R = 0.9999$$

$$DL = 0.01082$$

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	211.12	0.0000	P	26.3
2	☐	0.500					
3	☐	5.000	4.953	18693.42	0.0032	P	1.3
4	☐	250.000	256.868	952157.92	0.1617	P	0.5
5	☐	625.000	624.454	2274242.13	0.3931	A	0.2
6	☐	1250.000	1256.073	4486226.49	0.7907	A	0.3
7	☐	2500.000	2470.315	8857674.42	1.5549	A	0.1
8	☐	5000.000	5013.049	17832771.75	3.1554	A	0.6
9	☐			22412.79	0.0040	P	1.1

$$y = 6.2944\text{E-}004 * x + 3.4451\text{E-}005$$

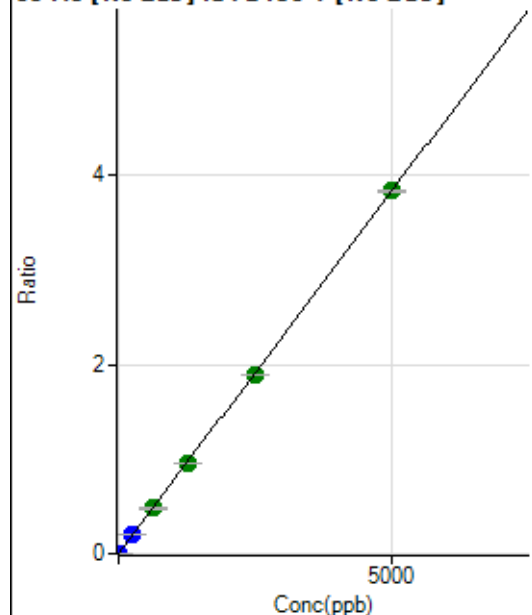
$$R = 1.0000$$

$$DL = 0.04323$$

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	52.78	0.0000	P	24.1
2	☐	0.500					
3	☐	5.000	5.191	23600.87	0.0040	P	0.3
4	☐	250.000	257.302	1159133.73	0.1969	P	0.5
5	☐	625.000	624.598	2764829.32	0.4779	A	0.4
6	☐	1250.000	1256.925	5456575.43	0.9617	A	0.2
7	☐	2500.000	2480.241	10809777.58	1.8976	A	0.1
8	☐	5000.000	5007.833	21653499.09	3.8315	A	0.4
9	☐			33069.78	0.0059	P	2.1

$$y = 7.6510E-004 * x + 8.6120E-006$$

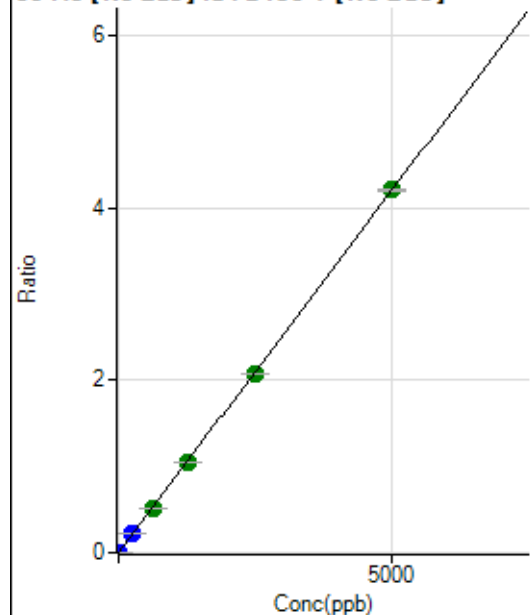
$$R = 1.0000$$

$$DL = 0.008145$$

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	136.12	0.0000	P	15.6
2	☐	0.500					
3	☐	5.000	5.099	25495.78	0.0043	P	1.8
4	☐	250.000	257.324	1270981.13	0.2159	P	0.3
5	☐	625.000	623.696	3026878.02	0.5232	A	0.2
6	☐	1250.000	1254.885	5972605.17	1.0526	A	0.1
7	☐	2500.000	2466.666	11786322.40	2.0691	A	0.4
8	☐	5000.000	5015.242	23774492.72	4.2068	A	0.7
9	☐			41775.90	0.0074	P	1.4

$$y = 8.3880E-004 * x + 2.2216E-005$$

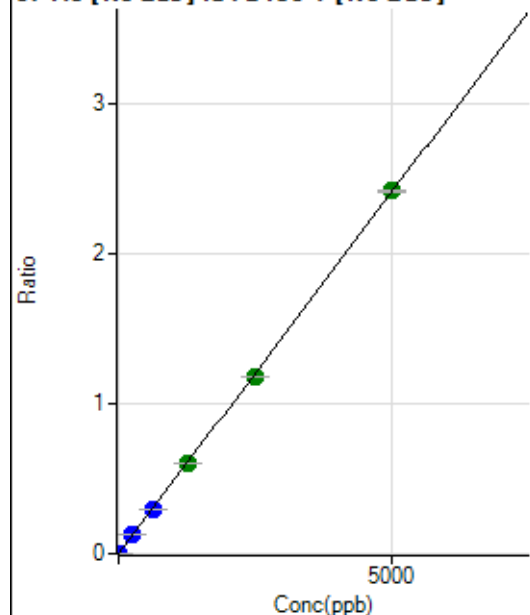
$$R = 1.0000$$

$$DL = 0.01241$$

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	52.78	0.0000	P	55.5
2	☐	0.500					
3	☐	5.000	5.049	14491.19	0.0024	P	1.7
4	☐	250.000	254.874	723841.19	0.1229	P	0.4
5	☐	625.000	613.124	1710956.27	0.2957	P	0.4
6	☐	1250.000	1251.959	3426289.79	0.6039	A	0.2
7	☐	2500.000	2458.531	6754874.89	1.1858	A	0.2
8	☐	5000.000	5021.485	13687558.29	2.4220	A	0.6
9	☐			20323.43	0.0036	P	2.4

$$y = 4.8232\text{E-}004 * x + 8.6109\text{E-}006$$

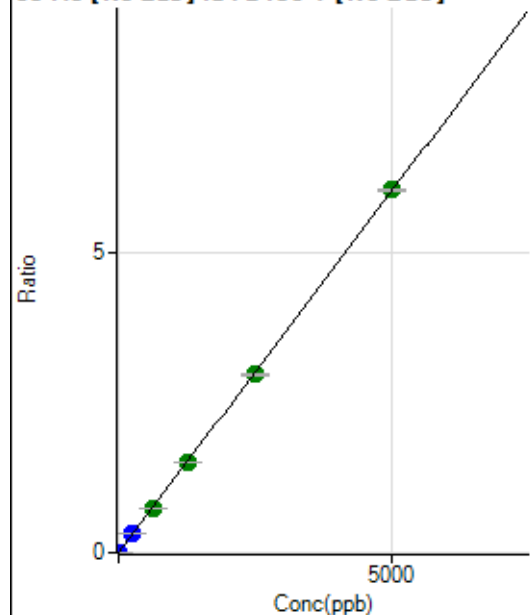
$$R = 0.9999$$

$$DL = 0.02971$$

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	83.34	0.0000	P	55.8
2	☐	0.500					
3	☐	5.000	5.155	36934.87	0.0062	P	1.3
4	☐	250.000	256.718	1822517.10	0.3095	P	0.6
5	☐	625.000	620.912	4331390.20	0.7487	A	0.2
6	☐	1250.000	1252.462	8568426.75	1.5101	A	0.4
7	☐	2500.000	2461.362	16905280.59	2.9677	A	0.4
8	☐	5000.000	5018.878	34198671.60	6.0513	A	0.6
9	☐			52296.53	0.0093	P	1.5

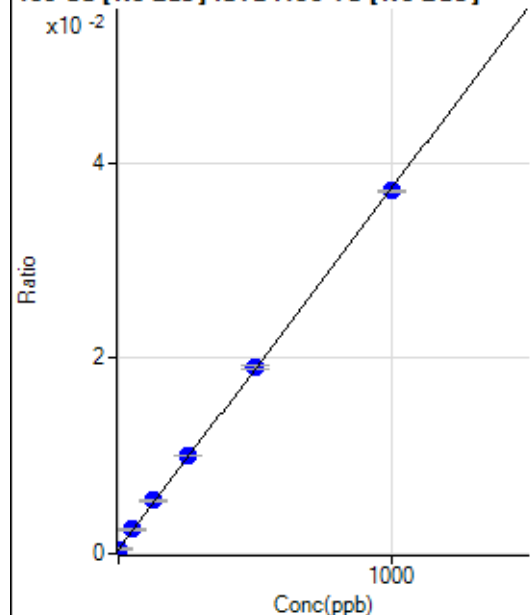
$$y = 0.0012 * x + 1.3607\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.01888$$

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	2842.07	0.0004	P	2.1
2	☐	0.100					
3	☐	1.000	1.769	3169.94	0.0005	P	5.7
4	☐	50.000	55.265	16037.45	0.0025	P	2.7
5	☐	125.000	134.946	34910.51	0.0054	P	0.6
6	☐	250.000	260.461	64212.67	0.0101	P	1.0
7	☐	500.000	506.076	123220.42	0.0191	P	2.2
8	☐	1000.000	992.840	236590.25	0.0371	P	0.9
9	☐			2803.17	0.0005	P	7.6

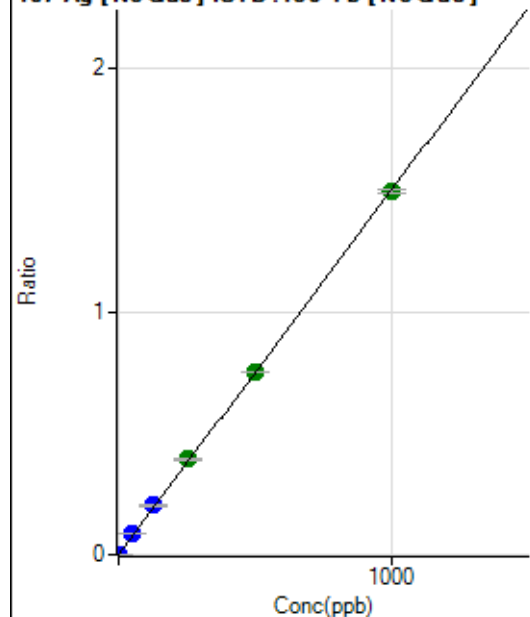
$$y = 3.6953\text{E-}005 * x + 4.2535\text{E-}004$$

$$R = 0.9999$$

$$DL = 0.7262$$

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	61.11	0.0000	P	28.5
2	☐	0.100					
3	☐	1.000	1.097	10679.47	0.0017	P	2.5
4	☐	50.000	55.968	545322.00	0.0839	P	0.4
5	☐	125.000	134.694	1302431.54	0.2019	P	0.5
6	☐	250.000	261.119	2500856.39	0.3914	A	0.7
7	☐	500.000	501.369	4841918.60	0.7515	A	0.8
8	☐	1000.000	995.025	9507975.82	1.4915	A	0.9
9	☐			1941.88	0.0003	P	6.3

$$y = 0.0015 * x + 9.1488\text{E-}006$$

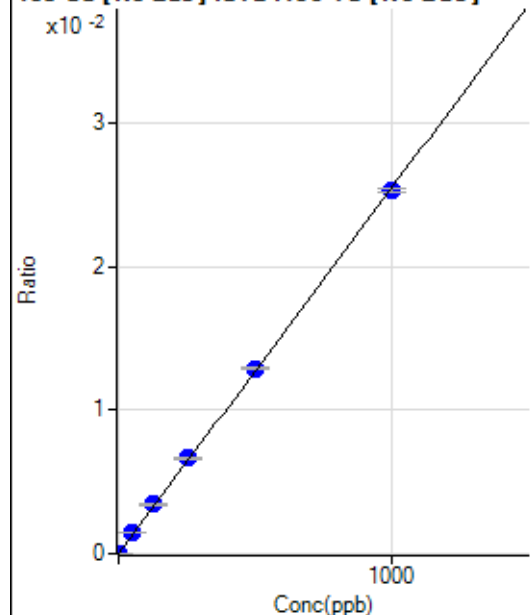
$$R = 0.9999$$

$$DL = 0.005216$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	9.72	0.0000	P	49.4
2	☐	0.100					
3	☐	1.000	1.006	175.00	0.0000	P	2.0
4	☐	50.000	55.482	9201.77	0.0014	P	0.5
5	☐	125.000	134.282	22089.70	0.0034	P	2.3
6	☐	250.000	260.519	42440.08	0.0066	P	0.9
7	☐	500.000	506.089	83126.88	0.0129	P	1.2
8	☐	1000.000	992.891	161354.68	0.0253	P	0.9
9	☐			65.28	0.0000	P	37.1

$$y = 2.5492E-005 * x + 1.4550E-006$$

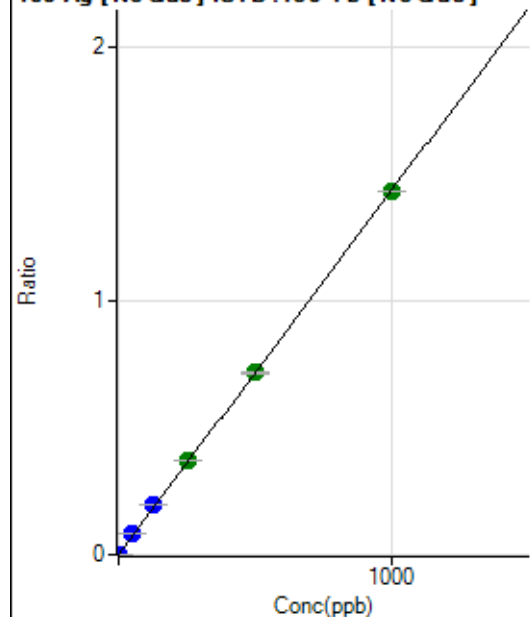
$$R = 0.9999$$

$$DL = 0.08464$$

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	50.00	0.0000	P	16.5
2	☐	0.100					
3	☐	1.000	1.105	10293.01	0.0016	P	2.8
4	☐	50.000	56.244	524636.74	0.0807	P	0.6
5	☐	125.000	135.087	1250568.56	0.1939	P	0.1
6	☐	250.000	259.814	2382338.68	0.3729	A	0.4
7	☐	500.000	499.629	4619536.78	0.7170	A	0.6
8	☐	1000.000	996.159	9113262.88	1.4296	A	0.1
9	☐			1514.04	0.0002	P	5.8

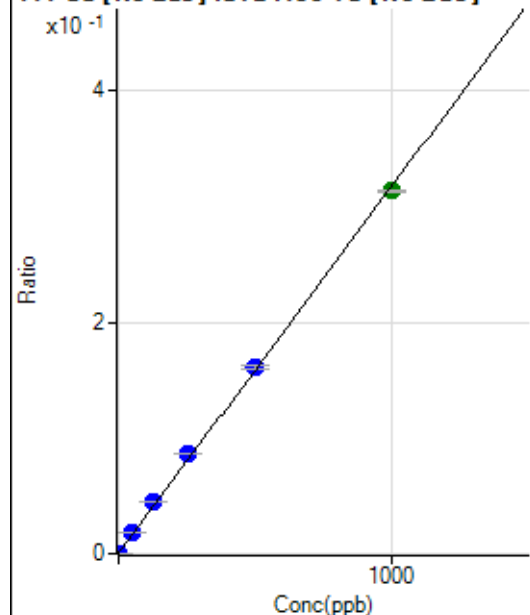
$$y = 0.0014 * x + 7.4827E-006$$

$$R = 0.9999$$

$$DL = 0.002588$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1985.42	0.0003	P	1.9
2	☐	0.100					
3	☐	1.000	1.145	4263.33	0.0007	P	3.6
4	☐	50.000	57.240	119786.69	0.0184	P	1.2
5	☐	125.000	140.919	289902.03	0.0449	P	0.3
6	☐	250.000	270.401	549243.09	0.0860	P	0.3
7	☐	500.000	508.571	1039944.74	0.1614	P	1.4
8	☐	1000.000	988.262	1997784.95	0.3134	A	0.2
9	☐			2258.21	0.0004	P	8.2

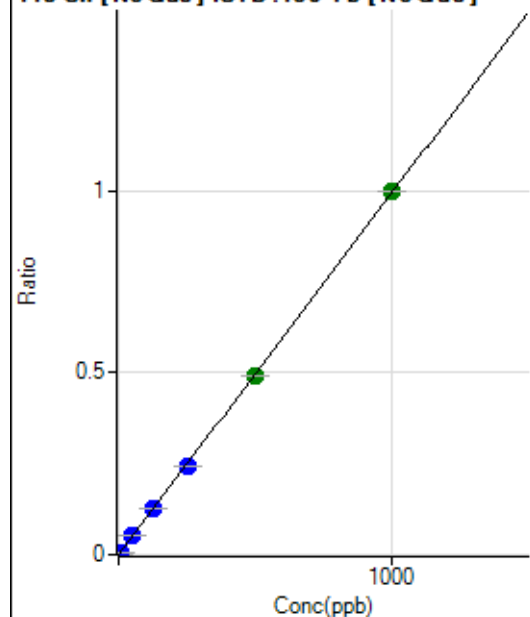
$$y = 3.1681\text{E-}004 * x + 2.9715\text{E-}004$$

$$R = 0.9997$$

$$DL = 0.05445$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	494.48	0.0001	P	11.6
2	☐	0.500					
3	☐	5.000	4.997	32577.47	0.0050	P	1.4
4	☐	50.000	52.198	337755.38	0.0520	P	1.4
5	☐	125.000	127.591	818756.96	0.1269	P	0.6
6	☐	250.000	244.963	1556543.41	0.2436	P	0.8
7	☐	500.000	493.952	3164474.20	0.4912	A	0.3
8	☐	1000.000	1003.850	6362798.49	0.9981	A	0.2
9	☐			7766.33	0.0013	P	6.0

$$y = 9.9422\text{E-}004 * x + 7.4010\text{E-}005$$

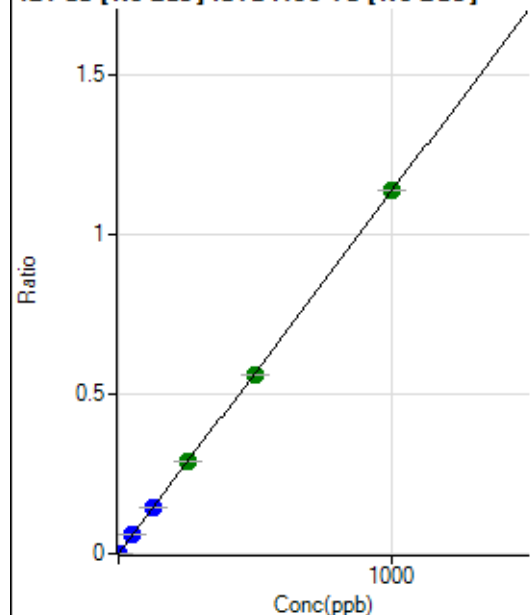
$$R = 0.9999$$

$$DL = 0.02581$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	102.78	0.0000	P	9.3
2	☐	0.200					
3	☐	2.000	2.056	15180.96	0.0023	P	1.7
4	☐	50.000	52.799	389647.97	0.0600	P	0.9
5	☐	125.000	129.692	949804.59	0.1472	P	0.3
6	☐	250.000	253.665	1839951.32	0.2880	A	0.6
7	☐	500.000	493.991	3613089.88	0.5608	A	0.1
8	☐	1000.000	1001.362	7246643.04	1.1368	A	0.1
9	☐			9928.90	0.0016	P	5.9

$$y = 0.0011 * x + 1.5382E-005$$

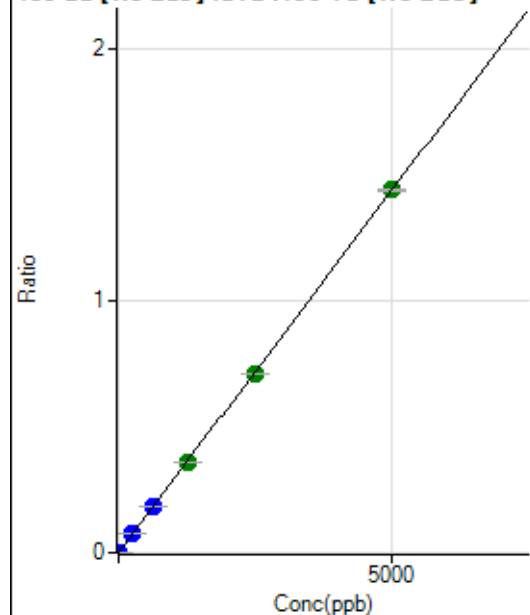
$$R = 1.0000$$

$$DL = 0.003774$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	8.33	0.0000	P	99.9
2	☐	1.000					
3	☐	10.000	9.984	18565.90	0.0029	P	1.3
4	☐	250.000	263.166	492136.06	0.0757	P	0.6
5	☐	625.000	642.930	1193284.91	0.1850	P	0.5
6	☐	1250.000	1254.406	2306051.40	0.3609	A	0.5
7	☐	2500.000	2467.863	4574816.77	0.7101	A	0.4
8	☐	5000.000	5012.067	9193176.07	1.4421	A	0.3
9	☐			2808.75	0.0005	P	5.0

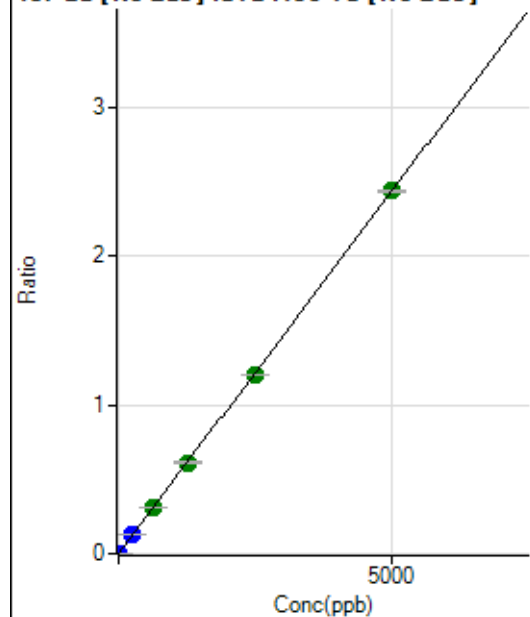
$$y = 2.8773E-004 * x + 1.2461E-006$$

$$R = 1.0000$$

$$DL = 0.01298$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	30.55	0.0000	P	15.7
2	☐	1.000					
3	☐	10.000	10.399	32717.02	0.0051	P	2.2
4	☐	250.000	264.440	836205.58	0.1287	P	1.0
5	☐	625.000	632.072	1983717.92	0.3075	A	0.3
6	☐	1250.000	1261.153	3920348.91	0.6136	A	0.6
7	☐	2500.000	2472.495	7750138.02	1.2029	A	0.7
8	☐	5000.000	5009.358	15536575.52	2.4372	A	0.2
9	☐			4803.79	0.0008	P	1.0

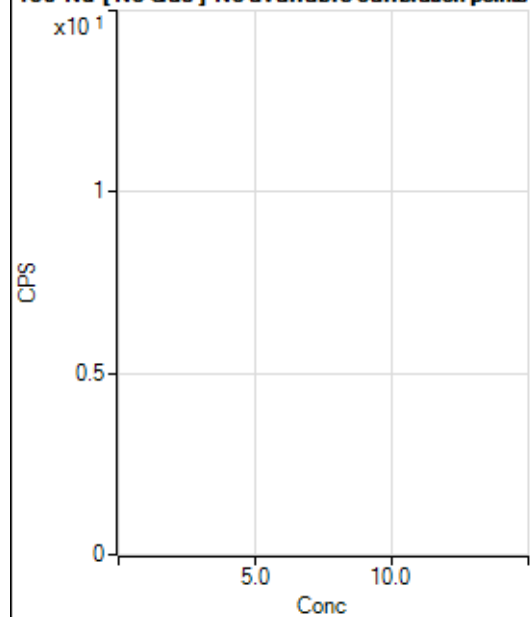
$$y = 4.8653E-004 * x + 4.5725E-006$$

$$R = 1.0000$$

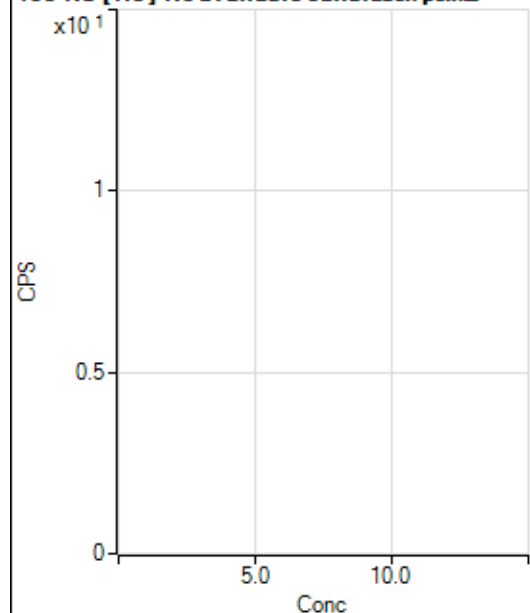
$$DL = 0.004424$$

Weight: <None>

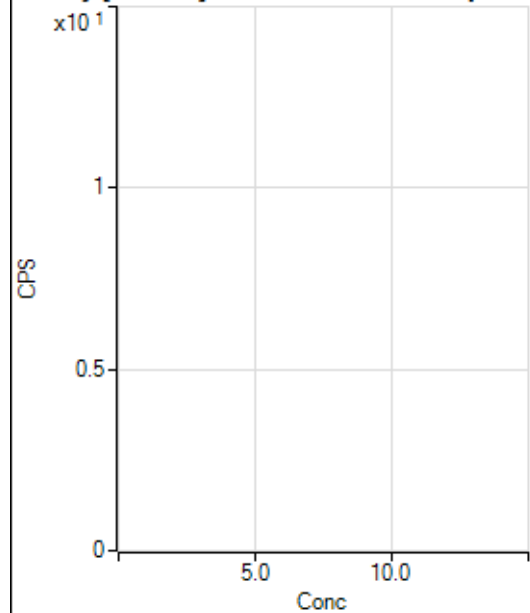
Min Conc: 0

150 Nd [No Gas] No available calibration points

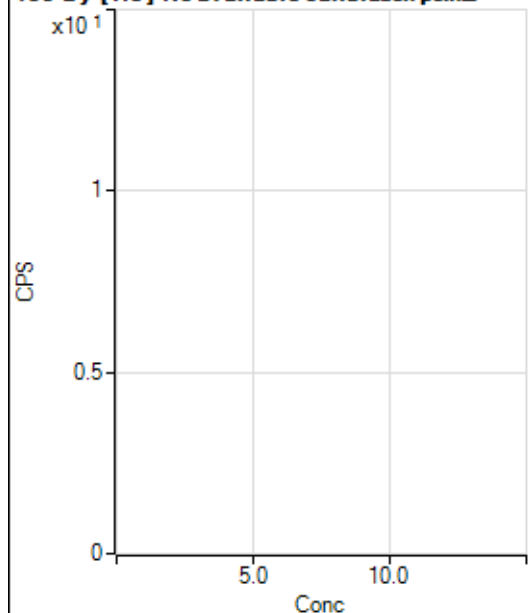
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			6.67		P	100.
4	☐			37.78		P	27.0
5	☐			104.45		P	20.5
6	☐			208.90		P	40.7
7	☐			333.35		P	10.0
8	☐			646.70		P	7.2
9	☐			162.23		P	19.4

150 Nd [He] No available calibration points

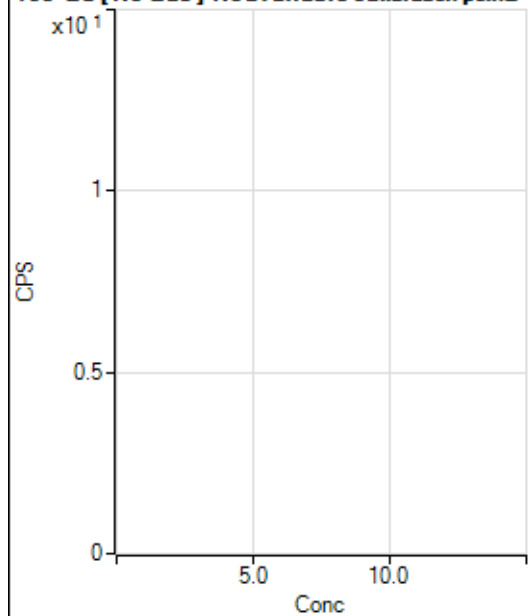
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			11.11		P	45.8
6	☐			23.33		P	24.7
7	☐			33.33		P	43.6
8	☐			76.67		P	0.0
9	☐			55.56		P	33.0

156 Dy [No Gas] No available calibration points

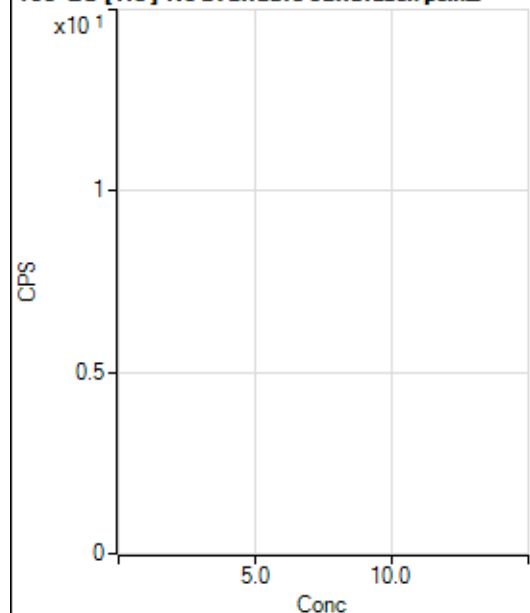
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	86.6
2	☐						
3	☐			5.55		P	86.6
4	☐			8.33		P	100.
5	☐			36.11		P	13.3
6	☐			33.33		P	50.0
7	☐			88.89		P	14.3
8	☐			141.67		P	40.8
9	☐			113.90		P	11.2

156 Dy [He] No available calibration points

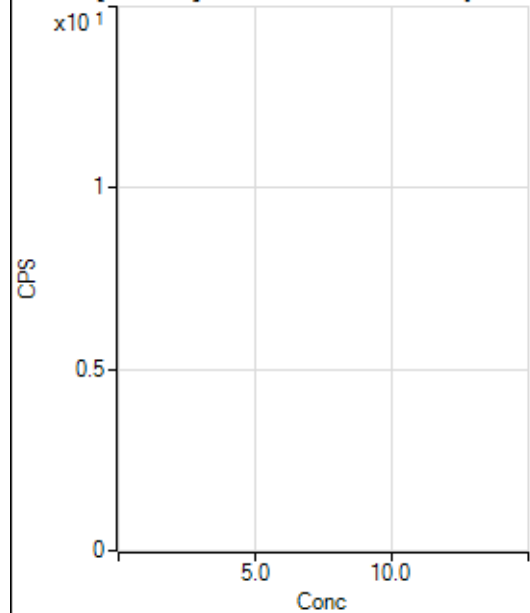
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			3.33		P	100.
4	☐			7.78		P	49.5
5	☐			22.22		P	56.8
6	☐			42.22		P	43.5
7	☐			61.11		P	12.6
8	☐			135.56		P	20.9
9	☐			45.55		P	15.2

160 Gd [No Gas] Noavailable calibration poin_

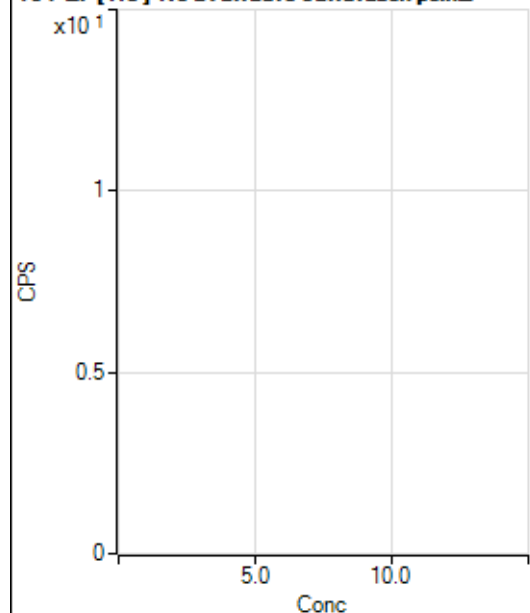
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	28.6
2	☐						
3	☐			52.78		P	59.8
4	☐			77.78		P	6.2
5	☐			50.00		P	44.1
6	☐			55.56		P	34.6
7	☐			58.34		P	14.3
8	☐			91.67		P	15.7
9	☐			122.23		P	55.1

160 Gd [He] No available calibration points

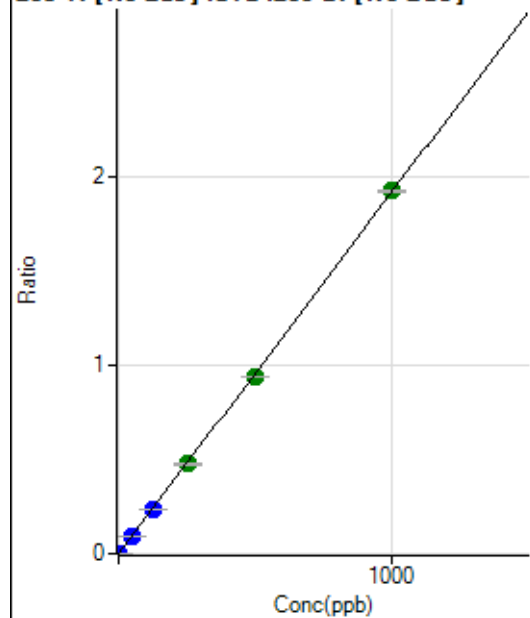
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			97.78		P	19.7
2	☐						
3	☐			121.11		P	31.9
4	☐			116.67		P	24.4
5	☐			101.11		P	27.5
6	☐			125.56		P	7.7
7	☐			94.45		P	2.0
8	☐			127.78		P	6.0
9	☐			145.56		P	31.2

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			16.67		P	50.0
2	☐						
3	☐			36.11		P	58.1
4	☐			22.22		P	21.6
5	☐			19.44		P	99.0
6	☐			22.22		P	57.3
7	☐			55.56		P	31.2
8	☐			58.34		P	28.6
9	☐			41.67		P	52.9

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			11.11		P	45.8
4	☐			8.89		P	43.3
5	☐			10.00		P	33.3
6	☐			12.22		P	31.5
7	☐			17.78		P	39.0
8	☐			24.44		P	34.3
9	☐			20.00		P	28.9

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	16.67	0.0000	P	49.9
2	☐	0.100					
3	☐	1.000	0.949	6938.18	0.0018	P	3.8
4	☐	50.000	49.491	360575.65	0.0946	P	0.1
5	☐	125.000	124.176	894692.70	0.2373	P	0.8
6	☐	250.000	248.635	1752224.99	0.4752	A	1.0
7	☐	500.000	491.057	3442870.39	0.9386	A	0.5
8	☐	1000.000	1004.941	6819146.33	1.9207	A	0.8
9	☐			2097.49	0.0007	P	10.1

$$y = 0.0019 * x + 4.2229E-006$$

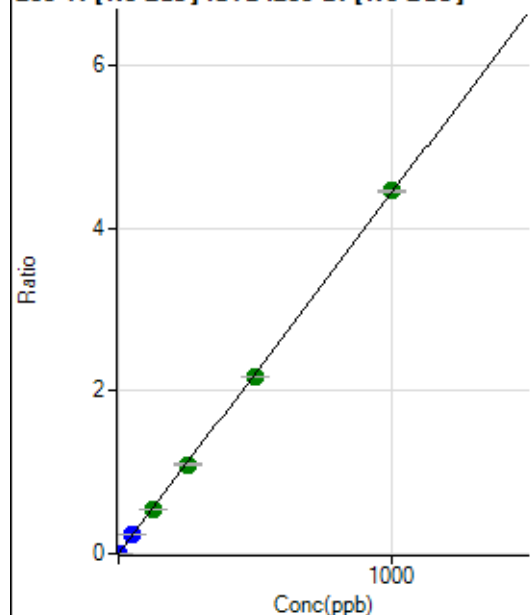
$$R = 0.9999$$

$$DL = 0.003309$$

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	100.00	0.0000	P	8.4
2	☐	0.100					
3	☐	1.000	0.982	16722.30	0.0044	P	2.1
4	☐	50.000	50.841	859718.52	0.2256	P	0.7
5	☐	125.000	122.174	2043089.39	0.5420	A	0.9
6	☐	250.000	247.550	4049080.73	1.0981	A	0.8
7	☐	500.000	489.681	7968226.83	2.1722	A	0.7
8	☐	1000.000	1006.083	15844838.55	4.4630	A	0.7
9	☐			4934.46	0.0016	P	2.4

$$y = 0.0044 * x + 2.5356E-005$$

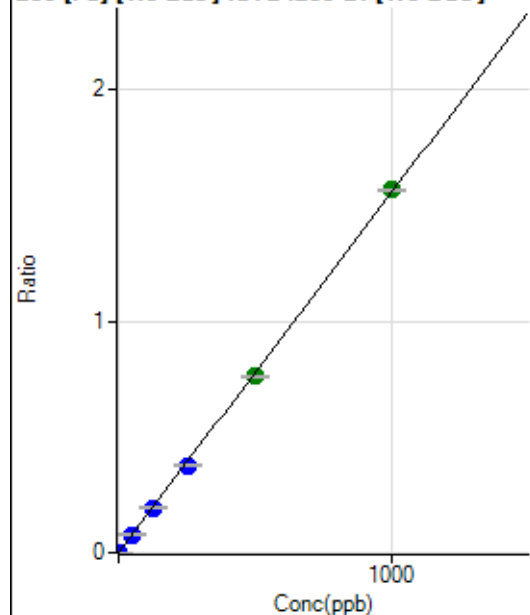
$$R = 0.9999$$

$$DL = 0.001447$$

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	112.97	0.0000	P	54.4
2	☐	0.100					
3	☐	1.000	0.984	5949.63	0.0016	P	2.7
4	☐	50.000	50.658	300366.44	0.0788	P	0.6
5	☐	125.000	124.950	732544.50	0.1943	P	1.3
6	☐	250.000	241.692	1385863.25	0.3759	P	1.4
7	☐	500.000	489.508	2792357.85	0.7612	A	0.7
8	☐	1000.000	1007.297	5561168.53	1.5664	A	0.6
9	☐			10897.33	0.0035	P	4.1

$$y = 0.0016 * x + 2.8673E-005$$

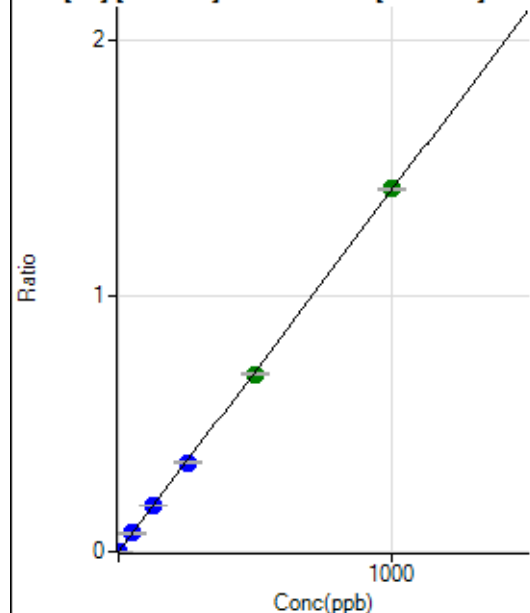
$$R = 0.9999$$

$$DL = 0.03011$$

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	105.56	0.0000	P	27.6
2	☐	0.100					
3	☐	1.000	0.985	5404.94	0.0014	P	2.8
4	☐	50.000	50.673	272662.23	0.0715	P	0.8
5	☐	125.000	126.496	673009.82	0.1785	P	1.0
6	☐	250.000	247.124	1285935.47	0.3488	P	1.2
7	☐	500.000	491.918	2546525.58	0.6942	A	0.6
8	☐	1000.000	1004.539	5032819.15	1.4176	A	0.9
9	☐			8958.84	0.0029	P	1.7

$$y = 0.0014 * x + 2.6750E-005$$

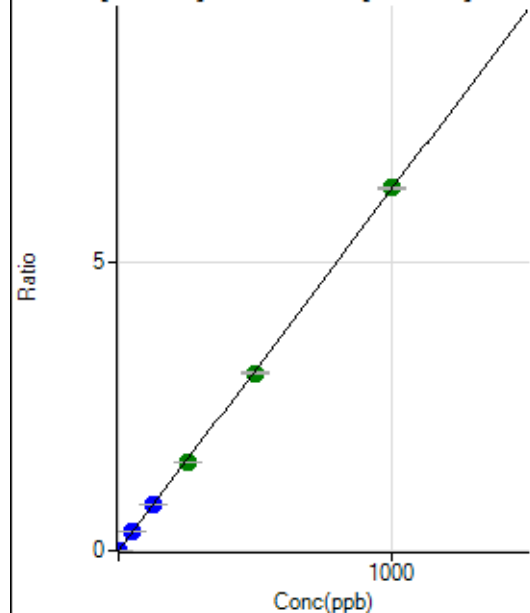
$$R = 0.9999$$

$$DL = 0.01572$$

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	442.60	0.0001	P	16.2
2	☐	0.100					
3	☐	1.000	1.000	24238.98	0.0064	P	0.8
4	☐	50.000	51.194	1218055.36	0.3196	P	0.6
5	☐	125.000	126.177	2968500.30	0.7875	P	0.5
6	☐	250.000	246.326	5667919.62	1.5372	A	0.8
7	☐	500.000	491.726	11255956.59	3.0685	A	0.6
8	☐	1000.000	1004.849	22261340.60	6.2704	A	0.7
9	☐			41884.15	0.0136	P	2.4

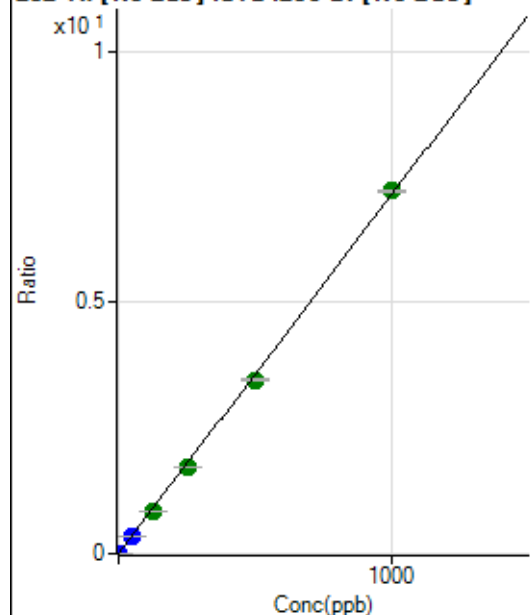
$$y = 0.0062 * x + 1.1224E-004$$

$$R = 0.9999$$

$$DL = 0.008739$$

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	159.27	0.0000	P	42.9
2	☐	0.100					
3	☐	1.000	0.935	25634.86	0.0067	P	1.3
4	☐	50.000	48.148	1311094.56	0.3440	P	0.5
5	☐	125.000	117.590	3166656.55	0.8400	A	0.2
6	☐	250.000	242.818	6395776.30	1.7346	A	0.5
7	☐	500.000	484.088	12684829.57	3.4580	A	0.5
8	☐	1000.000	1010.770	25633794.09	7.2202	A	0.3
9	☐			6036.77	0.0020	P	7.0

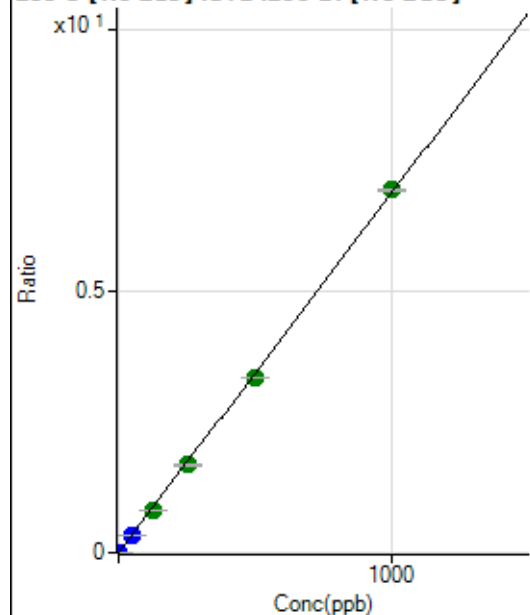
$$y = 0.0071 * x + 4.0352E-005$$

$$R = 0.9998$$

$$DL = 0.007272$$

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	27.78	0.0000	P	45.7
2	☐	0.100					
3	☐	1.000	0.982	25807.11	0.0068	P	1.5
4	☐	50.000	49.050	1286759.16	0.3376	P	0.9
5	☐	125.000	119.064	3089179.41	0.8195	A	0.5
6	☐	250.000	243.498	6179406.43	1.6759	A	1.0
7	☐	500.000	487.009	12295264.60	3.3519	A	0.9
8	☐	1000.000	1008.911	24652507.67	6.9439	A	0.4
9	☐			5762.67	0.0019	P	4.2

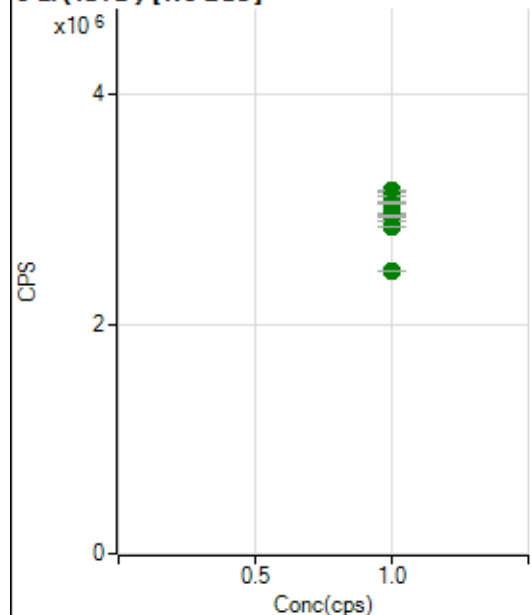
$$y = 0.0069 * x + 7.0401E-006$$

$$R = 0.9998$$

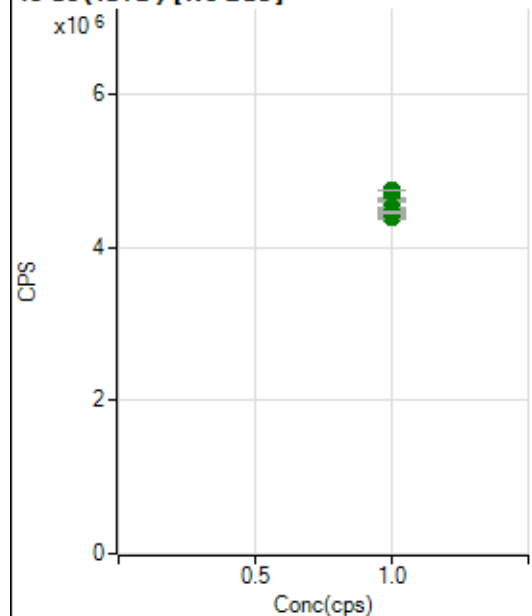
$$DL = 0.001404$$

Weight: <None>

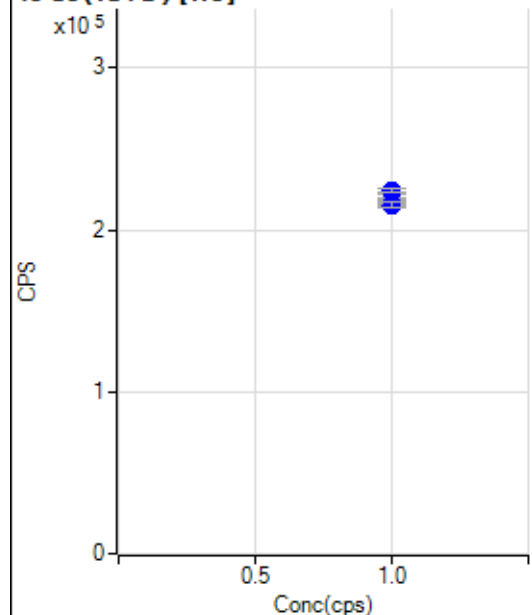
Min Conc: 0

6 Li (ISTD) [No Gas]

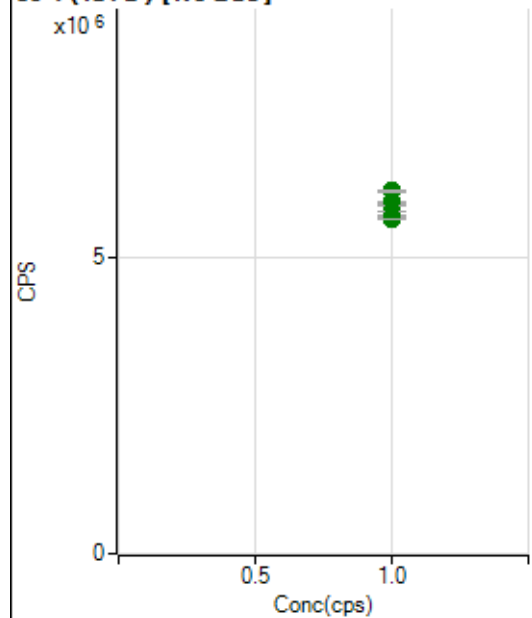
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2897608.19		A	0.1
2	☐	1.000					
3	☐	1.000		3162221.06		A	0.8
4	☐	1.000		3117204.23		A	0.5
5	☐	1.000		3053212.87		A	0.5
6	☐	1.000		2962118.26		A	0.3
7	☐	1.000		2943013.36		A	0.9
8	☐	1.000		2847113.47		A	0.3
9	☐	1.000		2463338.92		A	0.2

45 Sc (ISTD) [No Gas]

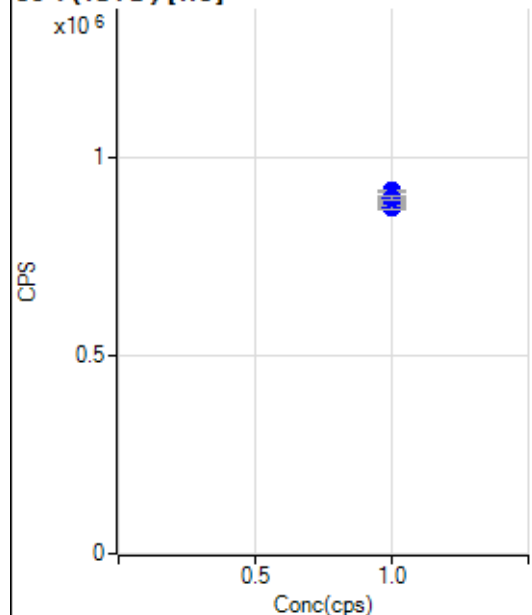
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		4733426.62		A	0.1
2	☐	1.000					
3	☐	1.000		4627738.17		A	0.1
4	☐	1.000		4604300.06		A	0.2
5	☐	1.000		4509791.07		A	0.4
6	☐	1.000		4410566.20		A	0.5
7	☐	1.000		4409043.63		A	0.2
8	☐	1.000		4382697.32		A	0.6
9	☐	1.000		4451811.64		A	0.4

45 Sc (ISTD) [He]

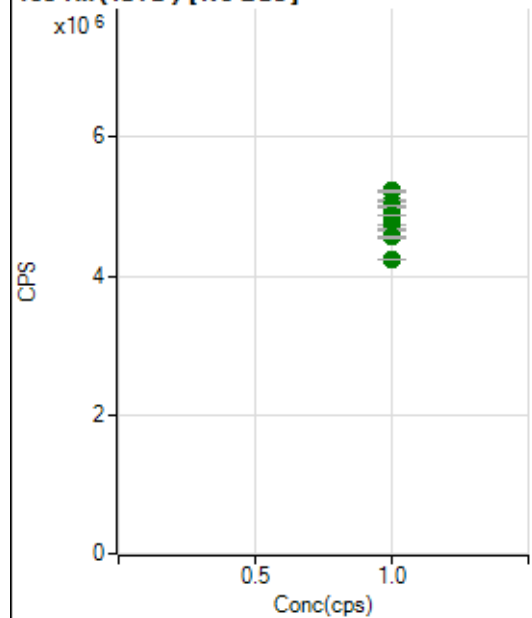
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		218101.89		P	0.9
2	☐	1.000					
3	☐	1.000		222252.99		P	0.4
4	☐	1.000		223084.06		P	0.3
5	☐	1.000		219324.33		P	0.2
6	☐	1.000		215585.23		P	0.8
7	☐	1.000		214532.87		P	1.1
8	☐	1.000		215239.52		P	1.8
9	☐	1.000		224062.32		P	0.9

89 Y (ISTD) [No Gas]

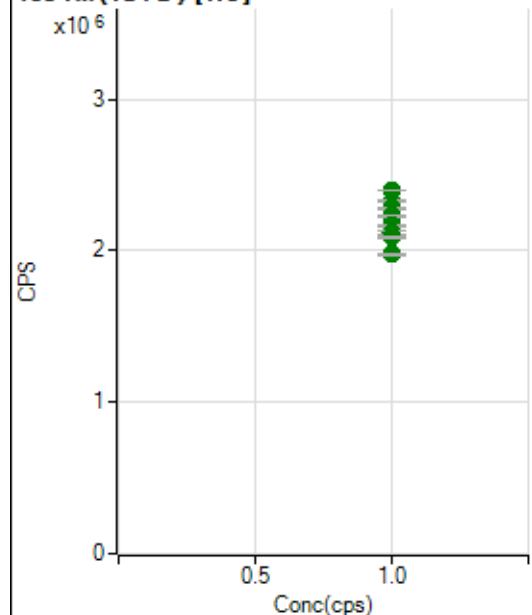
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6128399.35		A	0.2
2	☐	1.000					
3	☐	1.000		5929926.44		A	0.3
4	☐	1.000		5887807.13		A	0.0
5	☐	1.000		5785558.67		A	0.3
6	☐	1.000		5674034.08		A	0.3
7	☐	1.000		5696451.58		A	0.3
8	☐	1.000		5651492.21		A	0.3
9	☐	1.000		5648769.71		A	0.2

89 Y(ISTD) [He]

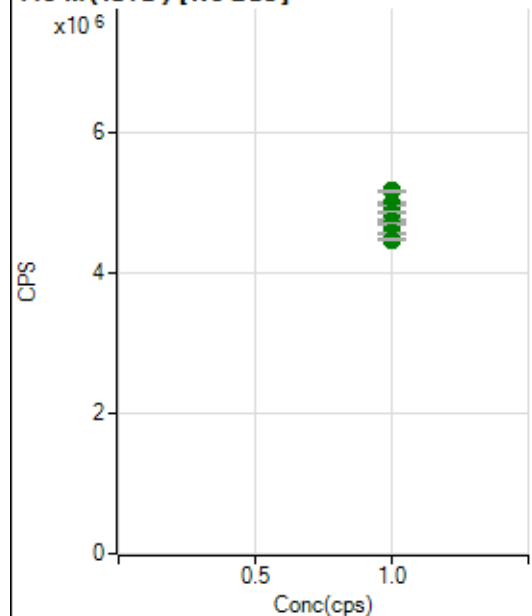
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		882288.04		P	0.5
2	☐	1.000					
3	☐	1.000		901893.15		P	0.6
4	☐	1.000		915613.14		P	0.3
5	☐	1.000		898332.69		P	0.5
6	☐	1.000		883999.55		P	0.7
7	☐	1.000		880748.45		P	1.1
8	☐	1.000		875083.78		P	1.1
9	☐	1.000		899065.72		P	1.2

103 Rh(ISTD) [No Gas]

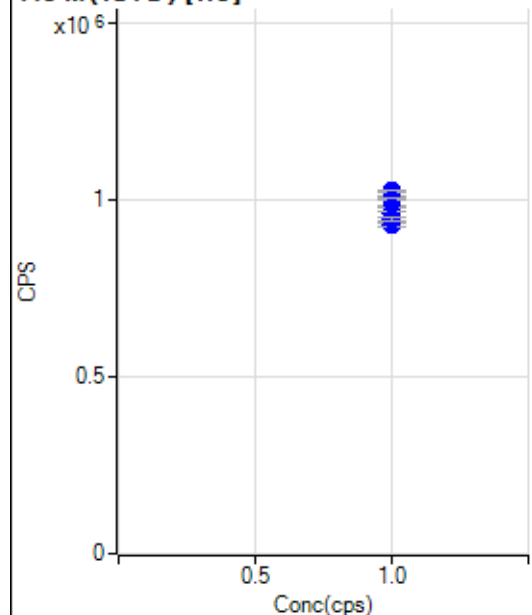
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5226854.80		A	0.4
2	☐	1.000					
3	☐	1.000		5070419.82		A	0.5
4	☐	1.000		5001000.89		A	0.6
5	☐	1.000		4883965.78		A	0.2
6	☐	1.000		4741465.03		A	0.2
7	☐	1.000		4672285.48		A	0.2
8	☐	1.000		4568016.20		A	0.6
9	☐	1.000		4233063.89		A	0.3

103 Rh (ISTD) [He]

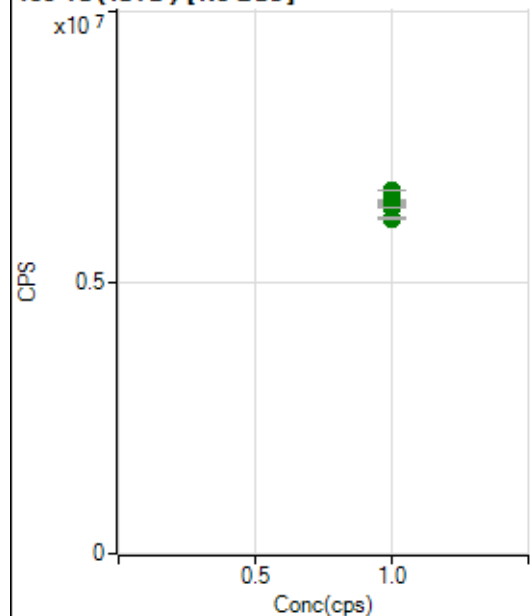
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2395342.34		A	0.2
2	☐	1.000					
3	☐	1.000		2329017.66		A	0.1
4	☐	1.000		2284321.77		A	0.6
5	☐	1.000		2228206.79		A	0.1
6	☐	1.000		2168737.14		A	0.8
7	☐	1.000		2118380.11		A	0.8
8	☐	1.000		2089791.25		A	0.5
9	☐	1.000		1977848.48		A	0.8

115 In (ISTD) [No Gas]

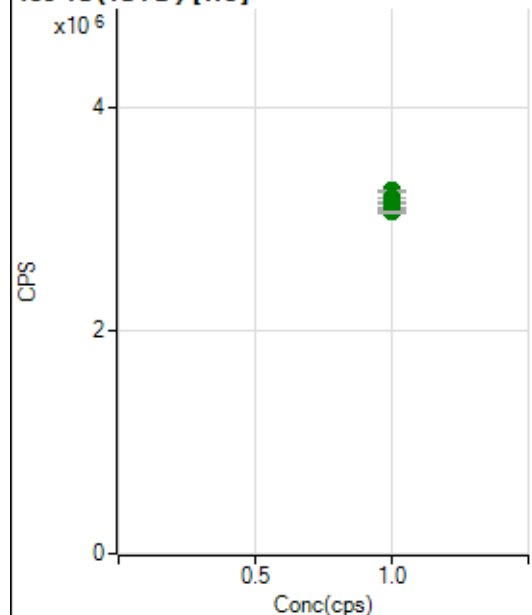
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5167562.35		A	0.3
2	☐	1.000					
3	☐	1.000		4988203.86		A	0.6
4	☐	1.000		4960447.59		A	0.3
5	☐	1.000		4859622.88		A	0.4
6	☐	1.000		4741195.19		A	0.6
7	☐	1.000		4692700.10		A	0.4
8	☐	1.000		4563628.98		A	0.4
9	☐	1.000		4476941.96		A	0.4

115 In (ISTD) [He]

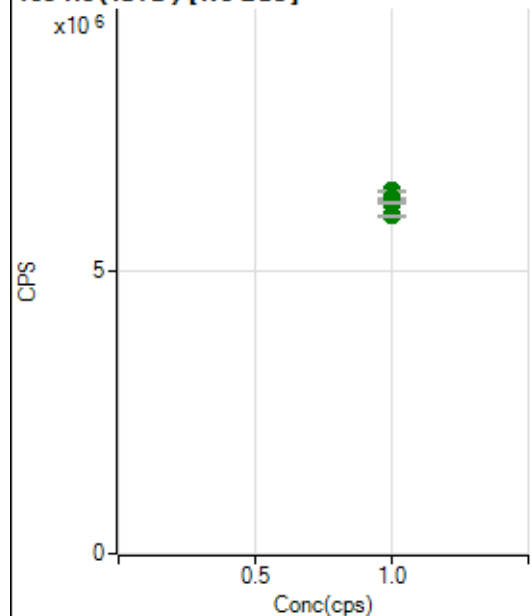
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		979683.43		P	0.9
2	☐	1.000					
3	☐	1.000		1006135.10		P	0.6
4	☐	1.000		1024223.31		P	0.7
5	☐	1.000		999834.74		P	0.6
6	☐	1.000		977117.76		P	0.5
7	☐	1.000		958946.55		P	1.5
8	☐	1.000		927911.96		P	1.4
9	☐	1.000		943910.10		P	1.3

159 Tb (ISTD) [No Gas]

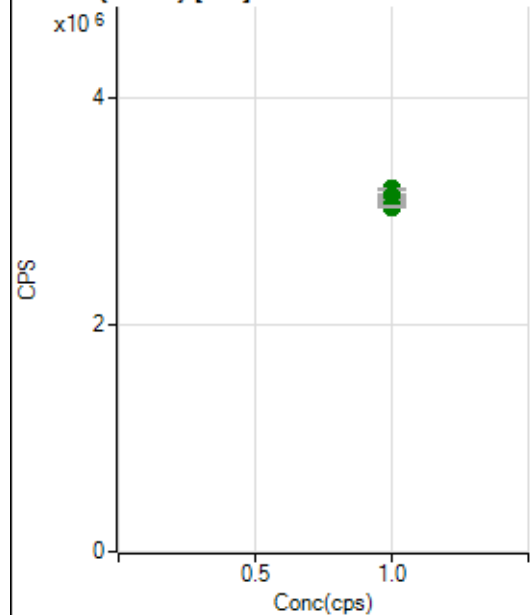
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6681637.96		A	0.1
2	☐	1.000					
3	☐	1.000		6460400.11		A	0.4
4	☐	1.000		6499445.04		A	0.7
5	☐	1.000		6450556.71		A	0.2
6	☐	1.000		6389278.65		A	0.5
7	☐	1.000		6442732.47		A	0.4
8	☐	1.000		6374746.92		A	0.2
9	☐	1.000		6170530.12		A	0.6

159 Tb (ISTD) [He]

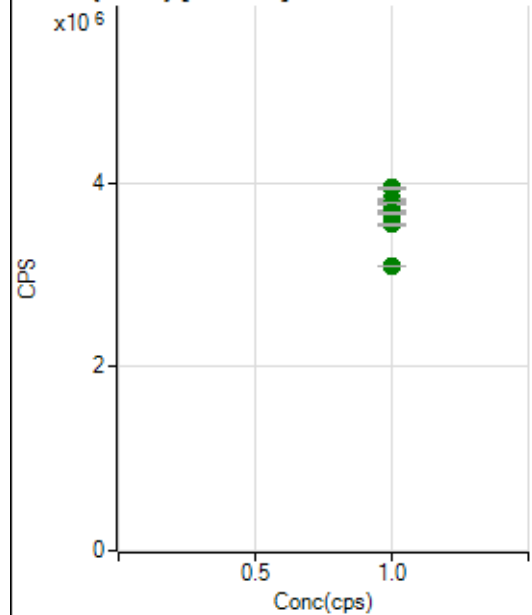
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3249161.65		A	0.3
2	☐	1.000					
3	☐	1.000		3184737.94		A	0.0
4	☐	1.000		3149160.79		A	0.4
5	☐	1.000		3131331.79		A	0.1
6	☐	1.000		3091333.01		A	0.8
7	☐	1.000		3063791.45		A	0.8
8	☐	1.000		3091462.73		A	0.3
9	☐	1.000		3061766.90		A	0.5

165 Ho (ISTD) [No Gas]

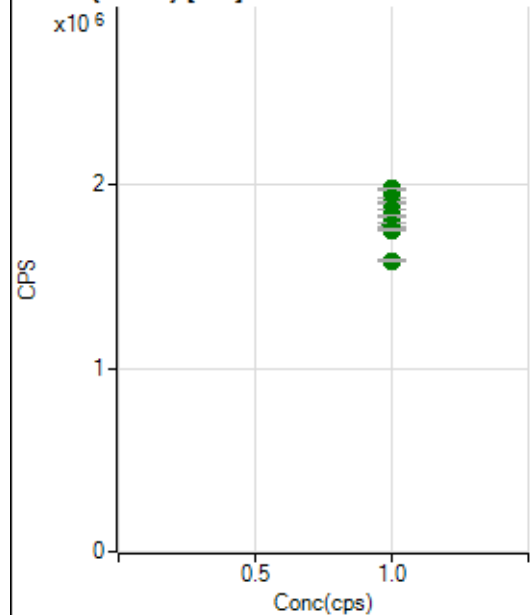
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6419179.49		A	0.6
2	☐	1.000					
3	☐	1.000		6279117.98		A	0.3
4	☐	1.000		6263863.29		A	0.8
5	☐	1.000		6233643.76		A	0.4
6	☐	1.000		6217530.00		A	0.3
7	☐	1.000		6230344.76		A	0.3
8	☐	1.000		6203446.32		A	0.6
9	☐	1.000		5978108.47		A	0.7

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3200808.94		A	0.2
2	☐	1.000					
3	☐	1.000		3142073.04		A	0.4
4	☐	1.000		3115488.67		A	0.5
5	☐	1.000		3099348.42		A	0.8
6	☐	1.000		3078895.13		A	1.3
7	☐	1.000		3040447.07		A	0.7
8	☐	1.000		3061818.49		A	0.4
9	☐	1.000		3040179.71		A	0.6

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		3944177.72		A	0.3
2	☐	1.000					
3	☐	1.000		3816192.34		A	0.4
4	☐	1.000		3811723.11		A	0.7
5	☐	1.000		3769797.86		A	0.7
6	☐	1.000		3687314.11		A	0.6
7	☐	1.000		3668298.91		A	0.4
8	☐	1.000		3550305.36		A	0.4
9	☐	1.000		3088746.86		A	0.1

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1980471.76		A	0.2
2	☐	1.000					
3	☐	1.000		1929460.81		A	0.1
4	☐	1.000		1902060.81		A	0.5
5	☐	1.000		1870772.02		A	0.3
6	☐	1.000		1832453.55		A	0.9
7	☐	1.000		1782861.38		A	1.0
8	☐	1.000		1757842.42		A	0.5
9	☐	1.000		1589093.62		A	0.3

US EPA Tune Check Sample Report

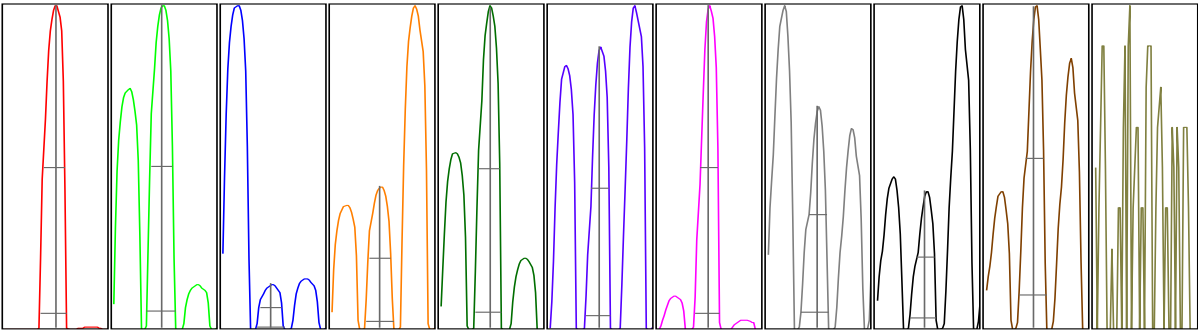
Batch Folder D:\ICP-MS Data\P7101918MS.b
Report Comment
Instrument Name G8403A JP14410463

[No Gas]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	17605	1.55	5.00	
24	119966	0.53	5.00	
25	16456	1.60	5.00	
26	18762	1.21	5.00	
59	87883	1.37	5.00	
113	9346	1.43	5.00	
115	104063	1.45	5.00	
206	24464	1.42	5.00	
207	22708	1.30	5.00	
208	51835	1.48	5.00	
220	0	74.69		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	17395	17591	18071	17423	17543
24	119147	120922	120012	119989	119761
25	16287	16524	16889	16255	16325
26	18598	18792	19145	18617	18659
59	86931	87701	89981	87463	87340
113	9292	9361	9568	9223	9284
115	103933	104082	106534	102599	103169
206	24149	24425	25057	24309	24378
207	22481	22730	23200	22484	22644
208	51220	51912	53110	51291	51643
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	29186	9.05	8.9 - 9.1		0.784	0.900	
24	192381	23.95	23.9 - 24.1		0.828	0.900	
25	26439	24.95	24.9 - 25.1		0.795	0.900	
26	30268	25.95	25.9 - 26.1		0.826	0.900	
59	148774	59.00	58.9 - 59.1		0.782	0.900	
113	17824	113.00	112.9 - 113.1		0.726	0.900	
115	200473	115.00	114.9 - 115.1		0.723	0.900	
206	46782	206.00	205.9 - 206.1		0.788	0.900	
207	42179	206.95	206.9 - 207.1		0.761	0.900	
208	98808	207.95	207.9 - 208.1		0.781	0.900	
220			-				

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

Tune Parameters

Plasma Paramters

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

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	7.3	V	Deflect	14.4	V
Extract 2	-155.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-85	V	Cell Exit	-50	V			

Cell Parameters

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

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	22089	1.71	
89	11430	2.05	
205	18880	1.11	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	22360	22141	22224	22290	21428
89	11569	11453	11498	11605	11024
205	18929	18968	18977	19015	18511

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	7.4	V	Deflect	2.2	V
Extract 2	-145.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-75	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 :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.18	0.25	-0.06	0.00	N/A	ppb
Antimony	121-1	0.00	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.00	0.00	0.01	0.00	N/A	ppb
Barium	135-1	0.00	0.00	0.00	0.00	N/A	ppb
Barium	137-1	0.00	0.00	0.00	0.00	N/A	ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.01	0.09	-0.08	0.00	N/A	ppb
Boron	11-1	-0.02	0.06	-0.03	0.00	N/A	ppb
Cadmium	111-1	-0.02	0.02	0.00	0.00	N/A	ppb
Cadmium	106-1	-0.26	0.21	0.05	0.00	N/A	ppb
Cadmium	108-1	-0.03	0.02	0.02	0.00	N/A	ppb
Calcium	43-1	0.54	0.08	-0.63	0.00	N/A	ppb
Calcium	44-1	-0.52	-0.33	0.85	0.00	N/A	ppb
Chromium	52-2	0.01	-0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	0.00	0.00	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	0.04	0.06	-0.10	0.00	N/A	ppb
Iron	57-2	-0.24	-0.20	0.44	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	-0.01	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	-0.04	0.03	0.01	0.00	N/A	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.01	0.00	-0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Molybdenum	95-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	96-1	0.00	0.00	0.00	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.01	0.00	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	0.01	0.00	0.00	N/A	ppb
Phosphorus	31-2	5.69	0.59	-13.64	-2.45		ppb
Potassium	39-2	2.78	-2.05	-0.73	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	-0.41	0.52	-0.11	0.00	N/A	ppb
Selenium	82-1	-0.19	-0.10	0.28	0.00	N/A	ppb
Silicon	28-1	0.15	-0.03	-0.13	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	0.00	0.00	0.00	N/A	ppb
Sodium	23-2	0.36	-0.47	0.10	0.00	N/A	ppb
Strontium	86-1	0.00	0.00	0.00	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-197.46	-219.55	-133.57	-183.53		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	0.00	0.00	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	0.01	0.00	-0.01	0.00	N/A	ppb
Titanium	47-1	0.00	0.01	-0.01	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.12	0.02	-0.14	0.00	N/A	ppb
Zirconium	90-1	0.00	0.00	0.00	0.00	N/A	ppb
Zirconium	91-1	0.00	0.00	0.00	0.00	N/A	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20.48	17.48	18.36	18.77	8.23	ppb
Antimony	121-1	2.06	2.09	2.02	2.06	1.72	ppb
Arsenic	75-2	1.05	0.93	1.05	1.01	6.97	ppb
Barium	135-1	9.97	10.12	9.86	9.98	1.29	ppb
Barium	137-1	10.31	10.23	10.66	10.40	2.23	ppb
Beryllium	9-1	1.01	0.97	1.01	1.00	2.37	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	23.47	23.49	23.18	23.38	0.74	ppb
Boron	11-1	22.86	23.29	23.42	23.19	1.25	ppb
Cadmium	111-1	1.16	1.21	1.06	1.15	6.51	ppb
Cadmium	106-1	2.22	2.18	0.90	1.77	42.49	ppb
Cadmium	108-1	1.01	0.98	1.03	1.01	2.13	ppb
Calcium	43-1	482.82	484.55	470.16	479.18	1.64	ppb
Calcium	44-1	469.48	462.33	466.73	466.18	0.77	ppb
Chromium	52-2	2.23	2.28	2.26	2.26	1.20	ppb
Cobalt	59-2	1.02	1.12	1.05	1.06	4.67	ppb
Copper	63-2	2.25	2.21	2.25	2.24	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	53.22	53.17	53.73	53.37	0.58	ppb
Iron	57-2	52.02	53.13	58.55	54.57	6.41	ppb
Krypton	83-1						cps
Lead	206-1	0.95	1.00	1.00	0.98	2.73	ppb
Lead	207-1	0.97	0.97	1.02	0.98	2.82	ppb
Lead	208-1	1.00	0.99	1.01	1.00	0.78	ppb
Lithium	6-1				109		%
Magnesium	24-2	535.01	534.33	522.67	530.67	1.31	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.05	1.00	1.01	1.02	2.79	ppb
Molybdenum	94-1	4.96	4.89	5.01	4.95	1.27	ppb
Molybdenum	95-1	5.20	5.20	5.17	5.19	0.34	ppb
Molybdenum	96-1	5.00	5.18	5.12	5.10	1.83	ppb
Molybdenum	97-1	4.99	5.15	5.01	5.05	1.74	ppb
Molybdenum	98-1	5.10	5.13	5.23	5.15	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.16	1.08	1.14	4.12	ppb
Phosphorus	31-2	4.73	3.61	-0.98	2.45	123.30	ppb
Potassium	39-2	494.97	486.93	492.61	491.50	0.84	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				102		%
Selenium	77-2	4.11	2.95	5.93	4.33	34.67	ppb
Selenium	78-2	5.19	5.05	5.81	5.35	7.62	ppb
Selenium	82-1	4.97	5.24	5.17	5.13	2.83	ppb
Silicon	28-1	16.03	16.05	16.14	16.07	0.36	ppb
Silver	109-1	1.13	1.07	1.11	1.10	2.84	ppb
Silver	107-1	1.07	1.09	1.13	1.10	2.50	ppb
Sodium	23-2	502.30	503.26	508.85	504.80	0.70	ppb
Strontium	86-1	0.96	1.15	0.96	1.03	10.89	ppb
Strontium	88-1	1.03	1.01	1.03	1.03	1.20	ppb
Sulfur	34-1	235.37	190.03	125.18	183.53	30.18	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.91	0.97	0.97	0.95	3.85	ppb
Thallium	205-1	0.96	0.99	1.00	0.98	2.12	ppb
Thorium	232-1	0.93	0.92	0.95	0.93	1.27	ppb
Tin	118-1	4.96	4.95	5.08	5.00	1.47	ppb
Titanium	47-1	5.08	5.06	5.07	5.07	0.28	ppb
Uranium	238-1	0.98	1.00	0.97	0.98	1.47	ppb
Vanadium	51-2	5.01	5.18	5.07	5.09	1.74	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.32	2.32	2.26	2.30	1.43	ppb
Zirconium	90-1	1.02	1.04	1.02	1.03	1.21	ppb
Zirconium	91-1	1.16	1.15	1.11	1.14	2.12	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1030.66	1025.37	1012.22	1022.75	0.93	ppb
Antimony	121-1	52.40	53.31	52.68	52.80	0.88	ppb
Arsenic	75-2	52.29	53.09	50.72	52.03	2.31	ppb
Barium	135-1	262.66	264.84	262.00	263.17	0.57	ppb
Barium	137-1	261.35	266.47	265.50	264.44	1.03	ppb
Beryllium	9-1	51.51	52.22	52.07	51.94	0.72	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	47.80	48.64	51.23	49.22	3.64	ppb
Boron	11-1	48.68	49.55	51.38	49.87	2.76	ppb
Cadmium	111-1	56.89	58.07	56.76	57.24	1.26	ppb
Cadmium	106-1	56.60	55.93	53.26	55.27	3.20	ppb
Cadmium	108-1	55.16	55.59	55.70	55.48	0.52	ppb
Calcium	43-1	5286.36	5185.89	5316.17	5262.81	1.30	ppb
Calcium	44-1	4933.53	4904.18	4892.32	4910.01	0.43	ppb
Chromium	52-2	53.33	52.82	51.30	52.49	2.01	ppb
Cobalt	59-2	54.31	54.30	52.92	53.85	1.49	ppb
Copper	63-2	111.97	110.99	109.35	110.77	1.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				97		%
Indium	115-1				96		%
Indium	115-2				105		%
Iron	56-2	2615.22	2607.15	2526.42	2582.93	1.90	ppb
Iron	57-2	2732.66	2711.56	2626.13	2690.12	2.10	ppb
Krypton	83-1						cps
Lead	206-1	50.29	50.82	50.86	50.66	0.62	ppb
Lead	207-1	50.33	50.53	51.16	50.67	0.85	ppb
Lead	208-1	50.90	51.21	51.47	51.19	0.56	ppb
Lithium	6-1				108		%
Magnesium	24-2	5326.74	5286.00	5173.42	5262.05	1.51	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	106.17	105.43	103.11	104.90	1.52	ppb
Molybdenum	94-1	256.39	256.01	258.20	256.87	0.45	ppb
Molybdenum	95-1	258.46	257.61	255.84	257.30	0.52	ppb
Molybdenum	96-1	257.81	256.50	257.66	257.32	0.28	ppb
Molybdenum	97-1	254.15	254.46	256.01	254.87	0.39	ppb
Molybdenum	98-1	256.12	255.63	258.41	256.72	0.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.90	55.89	54.04	55.28	1.94	ppb
Phosphorus	31-2	1054.05	1042.24	981.92	1026.07	3.77	ppb
Potassium	39-2	2517.36	2500.53	2455.78	2491.22	1.28	ppb
Rhodium	103-1				96		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	47.00	44.64	46.91	46.18	2.89	ppb
Selenium	78-2	53.88	50.97	55.41	53.42	4.23	ppb
Selenium	82-1	54.05	53.83	55.28	54.39	1.44	ppb
Silicon	28-1	58.27	58.03	58.84	58.38	0.71	ppb
Silver	109-1	56.07	56.60	56.05	56.24	0.56	ppb
Silver	107-1	55.73	56.18	55.99	55.97	0.41	ppb
Sodium	23-2	5143.68	5124.12	5050.82	5106.21	0.96	ppb
Strontium	86-1	53.11	52.78	53.61	53.17	0.79	ppb
Strontium	88-1	51.52	52.14	52.07	51.91	0.65	ppb
Sulfur	34-1	1268.55	1161.71	1202.42	1210.89	4.45	ppb
Terbium	159-1				97		%
Terbium	159-2				97		%
Thallium	203-1	49.50	49.44	49.53	49.49	0.09	ppb
Thallium	205-1	50.43	51.03	51.07	50.84	0.70	ppb
Thorium	232-1	47.87	48.31	48.26	48.15	0.49	ppb
Tin	118-1	51.56	53.02	52.01	52.20	1.43	ppb
Titanium	47-1	255.60	254.66	255.20	255.15	0.18	ppb
Uranium	238-1	48.54	49.24	49.37	49.05	0.91	ppb
Vanadium	51-2	52.39	52.32	50.79	51.83	1.75	ppb
Yttrium	89-1				96		%
Yttrium	89-2				104		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	115.27	113.94	113.24	114.15	0.90	ppb
Zirconium	90-1	51.03	51.16	51.12	51.10	0.13	ppb
Zirconium	91-1	52.46	52.80	51.88	52.38	0.88	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2507.46	2538.92	2535.58	2527.32	0.68	ppb
Antimony	121-1	129.42	130.07	129.59	129.69	0.26	ppb
Arsenic	75-2	128.89	128.18	128.92	128.66	0.33	ppb
Barium	135-1	643.19	639.60	646.00	642.93	0.50	ppb
Barium	137-1	634.27	631.84	630.10	632.07	0.33	ppb
Beryllium	9-1	128.80	127.28	128.76	128.28	0.68	ppb
Bismuth	209-1				96		%
Bismuth	209-2				94		%
Boron	10-1	127.17	125.02	126.83	126.34	0.91	ppb
Boron	11-1	126.26	125.22	126.19	125.89	0.46	ppb
Cadmium	111-1	141.40	140.90	140.46	140.92	0.33	ppb
Cadmium	106-1	135.89	133.99	134.96	134.95	0.70	ppb
Cadmium	108-1	131.33	134.05	137.47	134.28	2.29	ppb
Calcium	43-1	12940.92	13000.65	12970.63	12970.73	0.23	ppb
Calcium	44-1	12258.16	12201.29	12143.28	12200.91	0.47	ppb
Chromium	52-2	129.53	130.14	130.57	130.08	0.40	ppb
Cobalt	59-2	131.51	132.43	132.26	132.07	0.37	ppb
Copper	63-2	269.22	269.88	270.17	269.76	0.18	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				97		%
Indium	115-1				94		%
Indium	115-2				102		%
Iron	56-2	6430.27	6450.90	6443.49	6441.55	0.16	ppb
Iron	57-2	6573.91	6675.43	6692.29	6647.21	0.96	ppb
Krypton	83-1						cps
Lead	206-1	125.16	126.46	123.23	124.95	1.30	ppb
Lead	207-1	126.93	127.46	125.10	126.50	0.98	ppb
Lead	208-1	126.23	126.80	125.50	126.18	0.51	ppb
Lithium	6-1				105		%
Magnesium	24-2	12924.99	12912.26	13004.96	12947.40	0.39	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.06	259.71	259.81	259.19	0.38	ppb
Molybdenum	94-1	623.28	625.09	625.00	624.45	0.16	ppb
Molybdenum	95-1	624.01	622.65	627.13	624.60	0.37	ppb
Molybdenum	96-1	622.99	622.76	625.34	623.70	0.23	ppb
Molybdenum	97-1	610.60	615.08	613.69	613.12	0.37	ppb
Molybdenum	98-1	621.53	621.40	619.80	620.91	0.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	135.50	135.26	135.77	135.51	0.19	ppb
Phosphorus	31-2	2569.38	2572.32	2550.76	2564.15	0.46	ppb
Potassium	39-2	6034.88	6074.05	6057.03	6055.32	0.32	ppb
Rhodium	103-1				93		%
Rhodium	103-2				93		%
Scandium	45-1				95		%
Scandium	45-2				101		%
Selenium	77-2	116.98	134.71	144.61	132.10	10.60	ppb
Selenium	78-2	132.04	134.24	132.38	132.88	0.89	ppb
Selenium	82-1	134.70	136.45	134.29	135.14	0.85	ppb
Silicon	28-1	134.22	134.74	134.94	134.63	0.28	ppb
Silver	109-1	135.18	134.92	135.17	135.09	0.11	ppb
Silver	107-1	134.72	134.02	135.34	134.69	0.49	ppb
Sodium	23-2	12761.48	12737.66	12816.75	12771.96	0.32	ppb
Strontium	86-1	132.47	133.55	132.78	132.93	0.42	ppb
Strontium	88-1	125.32	125.50	125.58	125.47	0.11	ppb
Sulfur	34-1	2593.62	2554.08	2645.18	2597.63	1.76	ppb
Terbium	159-1				97		%
Terbium	159-2				96		%
Thallium	203-1	124.69	124.76	123.08	124.18	0.77	ppb
Thallium	205-1	122.24	123.19	121.09	122.17	0.86	ppb
Thorium	232-1	117.50	117.87	117.40	117.59	0.21	ppb
Tin	118-1	126.68	128.30	127.79	127.59	0.65	ppb
Titanium	47-1	628.99	625.64	629.43	628.02	0.33	ppb
Uranium	238-1	119.73	118.89	118.57	119.06	0.50	ppb
Vanadium	51-2	127.66	128.09	127.94	127.89	0.17	ppb
Yttrium	89-1				94		%
Yttrium	89-2				102		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	280.49	282.43	281.94	281.62	0.36	ppb
Zirconium	90-1	124.05	124.20	124.02	124.09	0.08	ppb
Zirconium	91-1	129.21	128.82	129.40	129.15	0.23	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5056.89	5063.58	5020.65	5047.04	0.46	ppb
Antimony	121-1	252.11	254.88	254.01	253.66	0.56	ppb
Arsenic	75-2	261.24	261.15	258.25	260.21	0.65	ppb
Barium	135-1	1246.85	1259.89	1256.48	1254.41	0.54	ppb
Barium	137-1	1254.35	1268.51	1260.59	1261.15	0.56	ppb
Beryllium	9-1	252.72	254.78	253.77	253.76	0.41	ppb
Bismuth	209-1				93		%
Bismuth	209-2				93		%
Boron	10-1	247.83	252.09	252.83	250.92	1.07	ppb
Boron	11-1	248.67	252.44	256.10	252.40	1.47	ppb
Cadmium	111-1	269.59	270.53	271.09	270.40	0.28	ppb
Cadmium	106-1	260.94	262.90	257.54	260.46	1.04	ppb
Cadmium	108-1	257.70	261.73	262.12	260.52	0.94	ppb
Calcium	43-1	25426.03	25309.32	25648.26	25461.20	0.68	ppb
Calcium	44-1	24523.20	24467.06	24534.70	24508.32	0.15	ppb
Chromium	52-2	254.73	258.28	256.09	256.36	0.70	ppb
Cobalt	59-2	258.77	263.50	260.42	260.90	0.92	ppb
Copper	63-2	525.76	531.47	525.08	527.44	0.66	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				96		%
Indium	115-1				92		%
Indium	115-2				100		%
Iron	56-2	12934.00	13041.40	12812.17	12929.19	0.89	ppb
Iron	57-2	13074.55	13286.33	13098.35	13153.08	0.88	ppb
Krypton	83-1						cps
Lead	206-1	238.40	241.33	245.35	241.69	1.44	ppb
Lead	207-1	244.18	247.23	249.96	247.12	1.17	ppb
Lead	208-1	244.44	245.97	248.57	246.33	0.85	ppb
Lithium	6-1				102		%
Magnesium	24-2	26407.29	26288.52	26025.85	26240.55	0.74	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	508.98	517.72	514.14	513.61	0.86	ppb
Molybdenum	94-1	1258.40	1252.25	1257.57	1256.07	0.27	ppb
Molybdenum	95-1	1253.53	1258.30	1258.95	1256.92	0.24	ppb
Molybdenum	96-1	1252.93	1256.19	1255.53	1254.88	0.14	ppb
Molybdenum	97-1	1253.59	1248.62	1253.67	1251.96	0.23	ppb
Molybdenum	98-1	1249.16	1257.91	1250.32	1252.46	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	267.96	271.58	268.93	269.49	0.70	ppb
Phosphorus	31-2	5208.01	5226.41	5179.66	5204.69	0.45	ppb
Potassium	39-2	12124.69	12113.80	12040.48	12092.99	0.38	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	273.06	270.93	275.74	273.24	0.88	ppb
Selenium	78-2	262.17	270.77	266.92	266.62	1.61	ppb
Selenium	82-1	262.89	270.07	264.36	265.77	1.43	ppb
Silicon	28-1	256.70	263.67	264.59	261.65	1.65	ppb
Silver	109-1	259.13	259.31	260.99	259.81	0.39	ppb
Silver	107-1	261.59	262.57	259.19	261.12	0.67	ppb
Sodium	23-2	25860.83	25786.21	25552.33	25733.12	0.63	ppb
Strontium	86-1	258.18	260.66	263.39	260.74	1.00	ppb
Strontium	88-1	250.65	252.66	249.68	250.99	0.61	ppb
Sulfur	34-1	4810.10	4894.34	4960.57	4888.33	1.54	ppb
Terbium	159-1				96		%
Terbium	159-2				95		%
Thallium	203-1	245.81	250.83	249.27	248.64	1.03	ppb
Thallium	205-1	245.25	248.44	248.95	247.55	0.81	ppb
Thorium	232-1	242.68	241.78	243.99	242.82	0.46	ppb
Tin	118-1	242.60	246.20	246.09	244.96	0.84	ppb
Titanium	47-1	1223.14	1260.95	1229.93	1238.01	1.63	ppb
Uranium	238-1	243.45	241.04	246.01	243.50	1.02	ppb
Vanadium	51-2	256.18	255.98	255.45	255.87	0.15	ppb
Yttrium	89-1				93		%
Yttrium	89-2				100		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	551.48	552.50	549.93	551.30	0.23	ppb
Zirconium	90-1	250.72	250.18	249.63	250.18	0.22	ppb
Zirconium	91-1	255.18	254.67	253.84	254.56	0.27	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9715.76	9932.60	9851.53	9833.30	1.11	ppb
Antimony	121-1	493.51	494.23	494.23	493.99	0.08	ppb
Arsenic	75-2	504.70	513.22	506.39	508.10	0.89	ppb
Barium	135-1	2479.16	2457.02	2467.41	2467.86	0.45	ppb
Barium	137-1	2463.97	2462.27	2491.25	2472.50	0.66	ppb
Beryllium	9-1	482.36	495.67	488.12	488.71	1.37	ppb
Bismuth	209-1				93		%
Bismuth	209-2				90		%
Boron	10-1	484.59	505.06	501.24	496.96	2.19	ppb
Boron	11-1	484.61	498.67	493.04	492.11	1.44	ppb
Cadmium	111-1	503.45	505.58	516.68	508.57	1.40	ppb
Cadmium	106-1	499.50	499.75	518.97	506.08	2.21	ppb
Cadmium	108-1	498.89	509.76	509.61	506.09	1.23	ppb
Calcium	43-1	48632.57	48931.97	49222.14	48928.89	0.60	ppb
Calcium	44-1	48037.62	48075.15	47885.91	47999.56	0.21	ppb
Chromium	52-2	495.60	507.14	498.88	500.54	1.19	ppb
Cobalt	59-2	499.20	507.23	493.12	499.85	1.42	ppb
Copper	63-2	1010.98	1027.58	998.13	1012.23	1.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				95		%
Indium	115-1				91		%
Indium	115-2				98		%
Iron	56-2	25251.39	25653.64	24839.95	25248.32	1.61	ppb
Iron	57-2	25603.47	26521.57	25796.84	25973.96	1.86	ppb
Krypton	83-1						cps
Lead	206-1	492.49	485.51	490.52	489.51	0.74	ppb
Lead	207-1	494.91	489.09	491.75	491.92	0.59	ppb
Lead	208-1	494.98	489.64	490.56	491.73	0.58	ppb
Lithium	6-1				102		%
Magnesium	24-2	51392.71	52107.78	50567.29	51355.93	1.50	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	986.53	1008.65	987.90	994.36	1.25	ppb
Molybdenum	94-1	2472.55	2469.45	2468.95	2470.31	0.08	ppb
Molybdenum	95-1	2483.47	2478.98	2478.28	2480.24	0.11	ppb
Molybdenum	96-1	2474.28	2469.22	2456.50	2466.67	0.37	ppb
Molybdenum	97-1	2463.12	2459.44	2453.03	2458.53	0.21	ppb
Molybdenum	98-1	2467.02	2449.63	2467.44	2461.36	0.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.48	527.14	512.74	517.45	1.62	ppb
Phosphorus	31-2	10358.94	10317.14	10204.19	10293.42	0.78	ppb
Potassium	39-2	23772.06	24134.74	23666.94	23857.91	1.03	ppb
Rhodium	103-1				89		%
Rhodium	103-2				88		%
Scandium	45-1				93		%
Scandium	45-2				98		%
Selenium	77-2	503.12	519.33	530.97	517.80	2.70	ppb
Selenium	78-2	507.62	515.49	525.06	516.06	1.69	ppb
Selenium	82-1	505.89	508.74	509.24	507.96	0.36	ppb
Silicon	28-1	517.49	514.35	519.83	517.22	0.53	ppb
Silver	109-1	496.74	499.87	502.27	499.63	0.56	ppb
Silver	107-1	500.13	498.34	505.64	501.37	0.76	ppb
Sodium	23-2	50609.95	51229.79	49790.25	50543.33	1.43	ppb
Strontium	86-1	503.70	499.23	502.81	501.91	0.47	ppb
Strontium	88-1	497.30	491.35	494.54	494.40	0.60	ppb
Sulfur	34-1	9808.01	9960.51	10003.23	9923.91	1.03	ppb
Terbium	159-1				96		%
Terbium	159-2				94		%
Thallium	203-1	493.95	490.57	488.65	491.06	0.55	ppb
Thallium	205-1	493.57	487.28	488.19	489.68	0.69	ppb
Thorium	232-1	486.95	482.83	482.49	484.09	0.51	ppb
Tin	118-1	494.75	492.17	494.94	493.95	0.31	ppb
Titanium	47-1	2482.98	2475.37	2467.15	2475.17	0.32	ppb
Uranium	238-1	491.33	482.27	487.43	487.01	0.93	ppb
Vanadium	51-2	495.94	508.49	500.38	501.60	1.27	ppb
Yttrium	89-1				93		%
Yttrium	89-2				100		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1036.02	1066.47	1044.17	1048.89	1.50	ppb
Zirconium	90-1	490.83	491.62	490.72	491.05	0.10	ppb
Zirconium	91-1	485.54	491.00	490.77	489.10	0.63	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20959.13	20452.90	20514.18	20642.07	1.34	ppb
Antimony	121-1	1001.62	1002.38	1000.09	1001.36	0.12	ppb
Arsenic	75-2	995.92	983.95	998.64	992.84	0.79	ppb
Barium	135-1	5002.96	5002.05	5031.20	5012.07	0.33	ppb
Barium	137-1	5016.81	4999.10	5012.17	5009.36	0.18	ppb
Beryllium	9-1	998.10	1011.15	1003.34	1004.20	0.65	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	976.91	1005.25	1021.45	1001.20	2.25	ppb
Boron	11-1	988.92	1004.47	1016.47	1003.29	1.38	ppb
Cadmium	111-1	990.62	987.27	986.90	988.26	0.21	ppb
Cadmium	106-1	993.44	1001.16	983.91	992.84	0.87	ppb
Cadmium	108-1	1000.16	995.92	982.60	992.89	0.92	ppb
Calcium	43-1	98609.33	98601.59	97898.00	98369.64	0.42	ppb
Calcium	44-1	97334.14	97229.91	96791.60	97118.55	0.30	ppb
Chromium	52-2	1016.92	987.95	987.28	997.38	1.70	ppb
Cobalt	59-2	1013.34	982.74	992.75	996.27	1.57	ppb
Copper	63-2	2022.08	1949.60	1980.37	1984.02	1.83	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				97		%
Holmium	165-2				96		%
Indium	115-1				88		%
Indium	115-2				95		%
Iron	56-2	51909.68	50190.11	50127.46	50742.42	1.99	ppb
Iron	57-2	52144.49	50110.39	50624.44	50959.77	2.08	ppb
Krypton	83-1						cps
Lead	206-1	1010.01	1011.26	1000.62	1007.30	0.58	ppb
Lead	207-1	1013.86	1003.53	996.23	1004.54	0.88	ppb
Lead	208-1	1012.14	1003.30	999.11	1004.85	0.66	ppb
Lithium	6-1				98		%
Magnesium	24-2	103811.33	101113.76	101958.52	102294.53	1.35	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2036.68	1984.24	1973.15	1998.02	1.70	ppb
Molybdenum	94-1	5034.92	5022.53	4981.69	5013.05	0.56	ppb
Molybdenum	95-1	5014.28	5021.76	4987.46	5007.83	0.36	ppb
Molybdenum	96-1	5044.43	5025.96	4975.34	5015.24	0.71	ppb
Molybdenum	97-1	5045.72	5033.84	4984.90	5021.49	0.64	ppb
Molybdenum	98-1	5049.74	5014.31	4992.59	5018.88	0.57	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	993.64	966.21	994.62	984.82	1.64	ppb
Phosphorus	31-2	20061.47	19581.90	19735.01	19792.79	1.24	ppb
Potassium	39-2	48235.14	47397.87	47316.51	47649.84	1.07	ppb
Rhodium	103-1				87		%
Rhodium	103-2				87		%
Scandium	45-1				93		%
Scandium	45-2				99		%
Selenium	77-2	977.95	970.00	1005.84	984.59	1.91	ppb
Selenium	78-2	980.47	981.70	997.81	986.66	0.98	ppb
Selenium	82-1	988.45	999.53	983.79	990.59	0.82	ppb
Silicon	28-1	993.73	987.96	978.68	986.79	0.77	ppb
Silver	109-1	995.62	997.04	995.82	996.16	0.08	ppb
Silver	107-1	999.76	1000.87	984.45	995.03	0.92	ppb
Sodium	23-2	102780.88	99677.43	102101.11	101519.81	1.61	ppb
Strontium	86-1	998.02	995.87	991.73	995.21	0.32	ppb
Strontium	88-1	1007.04	1005.03	995.13	1002.40	0.64	ppb
Sulfur	34-1	20276.93	20174.54	19678.16	20043.21	1.60	ppb
Terbium	159-1				95		%
Terbium	159-2				95		%
Thallium	203-1	1006.40	1012.26	996.17	1004.94	0.81	ppb
Thallium	205-1	1004.60	1013.69	999.96	1006.08	0.69	ppb
Thorium	232-1	1014.38	1007.89	1010.05	1010.77	0.33	ppb
Tin	118-1	1005.60	1002.52	1003.43	1003.85	0.16	ppb
Titanium	47-1	5035.20	4998.00	5011.14	5014.78	0.38	ppb
Uranium	238-1	1013.82	1006.74	1006.16	1008.91	0.42	ppb
Vanadium	51-2	1015.33	989.47	987.03	997.28	1.57	ppb
Yttrium	89-1				92		%
Yttrium	89-2				99		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:51:28	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1969.12	1931.25	1973.84	1958.07	1.19	ppb
Zirconium	90-1	1013.25	999.59	1000.62	1004.49	0.76	ppb
Zirconium	91-1	1009.54	1003.82	997.65	1003.67	0.59	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100044.36	99923.98	99686.64	99884.99	0.18	ppb
Antimony	121-1	1.34	1.50	1.38	1.40	5.98	ppb
Arsenic	75-2	0.53	0.42	0.52	0.49	11.71	ppb
Barium	135-1	1.65	1.49	1.60	1.58	5.00	ppb
Barium	137-1	1.58	1.58	1.61	1.59	0.96	ppb
Beryllium	9-1	0.18	0.18	0.19	0.18	4.36	ppb
Bismuth	209-1				78		%
Bismuth	209-2				80		%
Boron	10-1	20.60	19.44	18.12	19.38	6.39	ppb
Boron	11-1	20.89	19.18	17.44	19.17	8.99	ppb
Cadmium	111-1	0.31	0.12	0.22	0.22	43.38	ppb
Cadmium	106-1	1.74	-0.12	0.73	0.79	118.57	ppb
Cadmium	108-1	0.42	0.47	0.18	0.36	43.03	ppb
Calcium	43-1	495310.15	499880.73	505996.36	500395.75	1.07	ppb
Calcium	44-1	498306.77	498950.50	505170.71	500809.33	0.76	ppb
Chromium	52-2	42.14	41.98	41.79	41.97	0.42	ppb
Cobalt	59-2	2.13	2.09	2.19	2.13	2.34	ppb
Copper	63-2	5.18	5.15	5.15	5.16	0.38	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				93		%
Holmium	165-2				95		%
Indium	115-1				87		%
Indium	115-2				96		%
Iron	56-2	250544.22	249069.31	249785.29	249799.61	0.30	ppb
Iron	57-2	250850.97	248755.94	249391.58	249666.16	0.43	ppb
Krypton	83-1						cps
Lead	206-1	2.31	2.30	2.14	2.25	4.09	ppb
Lead	207-1	2.07	2.01	2.03	2.04	1.67	ppb
Lead	208-1	2.20	2.17	2.10	2.16	2.40	ppb
Lithium	6-1				85		%
Magnesium	24-2	499876.68	498221.16	499891.07	499329.64	0.19	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	12.22	12.45	12.18	12.29	1.20	ppb
Molybdenum	94-1	6.30	6.27	6.17	6.25	1.13	ppb
Molybdenum	95-1	7.74	7.72	7.46	7.64	2.06	ppb
Molybdenum	96-1	8.80	8.91	8.66	8.79	1.42	ppb
Molybdenum	97-1	7.65	7.33	7.34	7.44	2.45	ppb
Molybdenum	98-1	7.73	7.74	7.54	7.67	1.49	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.05	26.98	27.01	27.02	0.13	ppb
Phosphorus	31-2	-5.15	-5.61	-4.49	-5.08		ppb
Potassium	39-2	252200.24	249298.23	250330.22	250609.56	0.59	ppb
Rhodium	103-1				81		%
Rhodium	103-2				83		%
Scandium	45-1				94		%
Scandium	45-2				103		%
Selenium	77-2	0.38	0.37	0.00	0.25	86.62	ppb
Selenium	78-2	1.26	0.65	1.02	0.98	31.31	ppb
Selenium	82-1	0.93	0.41	0.14	0.49	81.26	ppb
Silicon	28-1	39.37	40.46	40.63	40.15	1.70	ppb
Silver	109-1	0.18	0.16	0.16	0.17	5.99	ppb
Silver	107-1	0.22	0.20	0.19	0.20	6.53	ppb
Sodium	23-2	501120.51	498280.99	499390.05	499597.18	0.29	ppb
Strontium	86-1	5.35	5.50	5.75	5.53	3.59	ppb
Strontium	88-1	5.44	5.41	5.42	5.42	0.21	ppb
Sulfur	34-1	-522.72	-459.23	-422.82	-468.26		ppb
Terbium	159-1				92		%
Terbium	159-2				94		%
Thallium	203-1	0.33	0.39	0.34	0.35	10.21	ppb
Thallium	205-1	0.36	0.35	0.35	0.35	2.41	ppb
Thorium	232-1	0.28	0.27	0.25	0.27	7.10	ppb
Tin	118-1	1.28	1.13	1.17	1.19	6.41	ppb
Titanium	47-1	1.97	2.08	2.00	2.02	2.69	ppb
Uranium	238-1	0.28	0.27	0.26	0.27	4.20	ppb
Vanadium	51-2	0.47	0.48	0.48	0.48	1.61	ppb
Yttrium	89-1				92		%
Yttrium	89-2				102		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	10.60	10.25	10.78	10.54	2.52	ppb
Zirconium	90-1	0.59	0.59	0.58	0.59	1.58	ppb
Zirconium	91-1	0.57	0.63	0.58	0.60	5.58	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:06:10 DataFile Name : 013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	517.15	509.80	507.19	511.38	1.01	ppb
Antimony	121-1	187.44	189.61	191.12	189.39	0.98	ppb
Arsenic	75-2	200.24	201.47	200.77	200.83	0.31	ppb
Barium	135-1	98.68	99.71	100.67	99.69	1.00	ppb
Barium	137-1	99.10	100.63	103.58	101.10	2.25	ppb
Beryllium	9-1	107.90	107.77	109.16	108.28	0.71	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	5.29	5.52	5.00	5.27	5.02	ppb
Boron	11-1	5.21	5.06	5.21	5.16	1.63	ppb
Cadmium	111-1	104.10	105.73	106.81	105.55	1.29	ppb
Cadmium	106-1	80.73	83.10	83.24	82.36	1.71	ppb
Cadmium	108-1	87.32	85.43	89.86	87.54	2.54	ppb
Calcium	43-1	1898.71	1965.83	1988.60	1951.04	2.40	ppb
Calcium	44-1	1821.76	1827.63	1844.78	1831.39	0.65	ppb
Chromium	52-2	97.86	95.19	95.26	96.11	1.58	ppb
Cobalt	59-2	103.23	100.81	101.45	101.83	1.23	ppb
Copper	63-2	105.47	104.71	104.15	104.78	0.64	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				101		%
Holmium	165-2				102		%
Indium	115-1				101		%
Indium	115-2				109		%
Iron	56-2	1012.29	992.27	991.80	998.79	1.17	ppb
Iron	57-2	1034.04	1019.16	1032.70	1028.63	0.80	ppb
Krypton	83-1						cps
Lead	206-1	183.21	182.62	185.60	183.81	0.86	ppb
Lead	207-1	177.80	179.84	181.55	179.73	1.04	ppb
Lead	208-1	184.26	184.55	186.19	185.00	0.56	ppb
Lithium	6-1				98		%
Magnesium	24-2	1238.63	1231.61	1216.87	1229.04	0.90	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:06:10	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	98.61	97.81	98.37	98.26	0.42	ppb
Molybdenum	94-1	0.15	0.11	0.10	0.12	20.37	ppb
Molybdenum	95-1	0.09	0.10	0.10	0.10	5.37	ppb
Molybdenum	96-1	0.12	0.11	0.11	0.11	5.44	ppb
Molybdenum	97-1	0.11	0.10	0.10	0.11	5.39	ppb
Molybdenum	98-1	0.11	0.11	0.10	0.11	4.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	105.45	102.91	102.27	103.55	1.62	ppb
Phosphorus	31-2	-8.62	0.10	-0.97	-3.17		ppb
Potassium	39-2	1937.06	1902.61	1921.02	1920.23	0.90	ppb
Rhodium	103-1				100		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	221.54	224.63	202.82	216.33	5.45	ppb
Selenium	78-2	209.94	213.24	213.59	212.25	0.95	ppb
Selenium	82-1	201.84	204.04	208.22	204.70	1.58	ppb
Silicon	28-1	4.31	4.93	5.88	5.04	15.68	ppb
Silver	109-1	96.01	96.43	98.21	96.88	1.21	ppb
Silver	107-1	95.57	96.62	97.66	96.62	1.08	ppb
Sodium	23-2	1957.40	1940.70	1912.90	1937.00	1.16	ppb
Strontium	86-1	2.24	2.39	2.36	2.33	3.31	ppb
Strontium	88-1	2.32	2.33	2.33	2.33	0.12	ppb
Sulfur	34-1	-460.23	-436.42	-436.98	-444.54		ppb
Terbium	159-1				100		%
Terbium	159-2				102		%
Thallium	203-1	180.72	181.72	184.79	182.41	1.16	ppb
Thallium	205-1	191.66	189.66	190.27	190.53	0.54	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	7.48	ppb
Tin	118-1	0.08	0.07	0.06	0.07	11.87	ppb
Titanium	47-1	0.10	0.05	0.05	0.07	41.36	ppb
Uranium	238-1	489.06	485.00	486.40	486.82	0.42	ppb
Vanadium	51-2	98.90	97.28	96.85	97.68	1.11	ppb
Yttrium	89-1				101		%
Yttrium	89-2				109		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:06:10	DataFile Name :	013ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	216.43	213.14	214.39	214.65	0.77	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	6.20	ppb
Zirconium	91-1	0.12	0.10	0.10	0.10	12.57	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19.09	19.15	21.65	19.96	7.32	ppb
Antimony	121-1	1.93	2.01	2.17	2.04	6.08	ppb
Arsenic	75-2	0.97	1.04	1.22	1.08	12.22	ppb
Barium	135-1	9.51	9.78	10.41	9.90	4.64	ppb
Barium	137-1	9.68	9.86	11.01	10.18	7.10	ppb
Beryllium	9-1	1.16	1.00	1.21	1.12	9.69	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	30.13	29.28	30.71	30.04	2.40	ppb
Boron	11-1	29.22	29.06	32.33	30.20	6.11	ppb
Cadmium	111-1	0.93	1.09	1.22	1.08	13.45	ppb
Cadmium	106-1	0.10	1.08	1.40	0.86	79.31	ppb
Cadmium	108-1	0.97	0.98	1.13	1.03	8.70	ppb
Calcium	43-1	470.00	435.97	549.46	485.14	12.00	ppb
Calcium	44-1	457.75	450.20	523.03	477.00	8.40	ppb
Chromium	52-2	2.21	2.16	2.22	2.20	1.43	ppb
Cobalt	59-2	1.12	1.08	1.07	1.09	2.44	ppb
Copper	63-2	2.31	2.33	2.31	2.32	0.56	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	55.17	54.69	54.63	54.83	0.54	ppb
Iron	57-2	56.46	56.22	56.17	56.28	0.27	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.96	1.14	1.03	9.45	ppb
Lead	207-1	0.89	0.90	1.08	0.96	11.15	ppb
Lead	208-1	0.96	0.96	1.10	1.01	7.70	ppb
Lithium	6-1				96		%
Magnesium	24-2	547.17	540.58	544.53	544.09	0.61	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.10	1.04	1.09	1.08	2.99	ppb
Molybdenum	94-1	5.09	4.89	5.35	5.11	4.49	ppb
Molybdenum	95-1	4.71	4.68	5.65	5.01	11.06	ppb
Molybdenum	96-1	4.94	4.75	5.62	5.11	8.95	ppb
Molybdenum	97-1	4.57	4.95	5.48	5.00	9.12	ppb
Molybdenum	98-1	4.96	4.96	5.60	5.17	7.10	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.16	1.17	1.18	1.17	0.83	ppb
Phosphorus	31-2	3.47	1.84	8.50	4.60	75.44	ppb
Potassium	39-2	513.87	510.47	515.90	513.41	0.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				103		%
Selenium	77-2	3.72	6.32	5.89	5.31	26.22	ppb
Selenium	78-2	6.95	4.79	5.33	5.69	19.79	ppb
Selenium	82-1	4.73	4.83	5.55	5.04	8.88	ppb
Silicon	28-1	14.67	14.28	19.68	16.21	18.57	ppb
Silver	109-1	1.12	1.02	1.21	1.12	8.49	ppb
Silver	107-1	1.08	1.04	1.22	1.12	8.43	ppb
Sodium	23-2	535.38	535.16	531.60	534.05	0.40	ppb
Strontium	86-1	1.00	1.04	1.23	1.09	11.12	ppb
Strontium	88-1	1.01	0.99	1.13	1.05	7.47	ppb
Sulfur	34-1	-279.40	-294.02	521.15	-17.42		ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.91	0.92	1.05	0.96	8.36	ppb
Thallium	205-1	0.96	0.93	1.14	1.01	10.95	ppb
Thorium	232-1	0.89	0.90	1.04	0.94	8.58	ppb
Tin	118-1	4.76	4.70	5.21	4.89	5.73	ppb
Titanium	47-1	4.77	4.99	5.73	5.16	9.75	ppb
Uranium	238-1	0.95	0.93	1.02	0.97	5.27	ppb
Vanadium	51-2	5.20	5.17	5.07	5.14	1.36	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.35	2.14	2.42	2.31	6.32	ppb
Zirconium	90-1	0.98	0.98	1.11	1.02	7.51	ppb
Zirconium	91-1	1.02	1.03	1.18	1.08	8.25	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:41:39 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.47	-0.34	-0.29	-0.37		ppb
Antimony	121-1	0.01	0.00	0.00	0.00	131.27	ppb
Arsenic	75-2	0.00	-0.03	-0.01	-0.01		ppb
Barium	135-1	0.01	0.01	0.01	0.01	0.78	ppb
Barium	137-1	0.00	0.01	0.00	0.00	192.11	ppb
Beryllium	9-1	0.02	0.01	0.00	0.01	72.91	ppb
Bismuth	209-1				105		%
Bismuth	209-2				105		%
Boron	10-1	0.70	0.62	0.52	0.61	14.36	ppb
Boron	11-1	0.38	0.49	0.47	0.45	12.74	ppb
Cadmium	111-1	-0.01	-0.09	-0.03	-0.04		ppb
Cadmium	106-1	-0.15	-1.01	-0.47	-0.54		ppb
Cadmium	108-1	-0.06	0.04	-0.03	-0.02		ppb
Calcium	43-1	1.47	1.46	1.93	1.62	16.77	ppb
Calcium	44-1	1.27	1.49	1.90	1.55	20.71	ppb
Chromium	52-2	-0.06	-0.10	-0.06	-0.07		ppb
Cobalt	59-2	-0.01	0.00	0.00	0.00		ppb
Copper	63-2	0.02	0.02	0.02	0.02	20.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				108		%
Iron	56-2	-0.28	-0.21	-0.16	-0.22		ppb
Iron	57-2	-0.81	-0.13	-0.14	-0.36		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.00	0.00	150.86	ppb
Lead	207-1	0.00	0.00	0.00	0.00	269.20	ppb
Lead	208-1	0.01	0.00	0.00	0.00	16.69	ppb
Lithium	6-1				104		%
Magnesium	24-2	-0.17	0.23	0.25	0.10	235.91	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:41:39 DataFile Name : 017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.02	-0.01	-0.01		ppb
Molybdenum	94-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	95-1	0.00	0.01	0.01	0.01	43.33	ppb
Molybdenum	96-1	0.00	-0.01	-0.01	-0.01		ppb
Molybdenum	97-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	98-1	0.00	0.00	0.00	0.00		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	-0.02	-0.03	-0.02		ppb
Phosphorus	31-2	-12.90	-8.81	-14.05	-11.92		ppb
Potassium	39-2	-6.65	-0.83	-0.30	-2.59		ppb
Rhodium	103-1				107		%
Rhodium	103-2				106		%
Scandium	45-1				107		%
Scandium	45-2				110		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.02	-0.03	-0.04	-0.02		ppb
Selenium	82-1	-0.39	-0.32	0.02	-0.23		ppb
Silicon	28-1	-5.21	-5.38	-5.26	-5.28		ppb
Silver	109-1	0.00	0.00	0.01	0.00	26.50	ppb
Silver	107-1	0.00	0.01	0.00	0.01	22.55	ppb
Sodium	23-2	7.26	9.01	9.15	8.47	12.39	ppb
Strontium	86-1	-0.02	-0.01	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-434.74	-409.83	-272.62	-372.39		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.00	0.00	0.00	0.00	252.69	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.00	0.00	0.00	0.00		ppb
Tin	118-1	-0.03	-0.02	-0.03	-0.03		ppb
Titanium	47-1	-0.01	0.02	0.01	0.01	278.50	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	75.93	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00		ppb
Yttrium	89-1				106		%
Yttrium	89-2				109		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:41:39	DataFile Name :	017CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.72	1.07	0.77	0.86	22.12	ppb
Zirconium	90-1	0.00	0.00	0.01	0.00	67.37	ppb
Zirconium	91-1	0.00	0.01	-0.01	0.00		ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89186.77	86866.41	87736.14	87929.77	1.33	ppb
Antimony	121-1	1.05	1.06	1.12	1.08	3.19	ppb
Arsenic	75-2	0.35	0.49	0.34	0.40	21.11	ppb
Barium	135-1	1.49	1.61	1.50	1.53	4.05	ppb
Barium	137-1	1.34	1.44	1.35	1.38	3.95	ppb
Beryllium	9-1	0.29	0.29	0.31	0.30	5.00	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	0.93	1.24	1.36	1.18	18.68	ppb
Boron	11-1	0.98	1.08	1.03	1.03	5.15	ppb
Cadmium	111-1	0.47	0.47	0.42	0.45	6.85	ppb
Cadmium	106-1	-0.72	-0.55	-0.66	-0.64		ppb
Cadmium	108-1	13.83	13.35	14.23	13.80	3.20	ppb
Calcium	43-1	91911.25	92002.02	92049.68	91987.65	0.08	ppb
Calcium	44-1	91560.82	91474.29	91319.79	91451.63	0.13	ppb
Chromium	52-2	19.41	19.13	19.49	19.35	0.98	ppb
Cobalt	59-2	1.15	1.19	1.16	1.17	1.72	ppb
Copper	63-2	7.89	7.75	7.57	7.74	2.10	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				106		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	100231.11	98532.45	97139.99	98634.52	1.57	ppb
Iron	57-2	99482.32	98348.76	98016.86	98615.98	0.78	ppb
Krypton	83-1						cps
Lead	206-1	4.44	4.51	4.44	4.46	0.83	ppb
Lead	207-1	3.93	3.90	3.93	3.92	0.44	ppb
Lead	208-1	4.16	4.15	4.13	4.15	0.40	ppb
Lithium	6-1				98		%
Magnesium	24-2	99680.84	97645.49	97450.79	98259.04	1.26	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.69	7.74	7.65	7.69	0.54	ppb
Molybdenum	94-1	1283.73	1289.82	1305.10	1292.88	0.85	ppb
Molybdenum	95-1	1848.74	1846.95	1884.20	1859.96	1.13	ppb
Molybdenum	96-1	1776.09	1773.96	1804.00	1784.68	0.94	ppb
Molybdenum	97-1	1842.30	1837.83	1868.01	1849.38	0.88	ppb
Molybdenum	98-1	1845.42	1835.20	1873.42	1851.35	1.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.54	5.31	5.19	5.35	3.35	ppb
Phosphorus	31-2	95113.39	93596.56	94598.13	94436.02	0.82	ppb
Potassium	39-2	95825.24	94490.48	94315.65	94877.12	0.87	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				108		%
Scandium	45-2				109		%
Selenium	77-2	0.00	0.35	0.00	0.12	173.21	ppb
Selenium	78-2	0.17	0.04	-0.53	-0.11		ppb
Selenium	82-1	0.07	0.42	0.17	0.22	82.62	ppb
Silicon	28-1	19.05	18.97	20.05	19.36	3.10	ppb
Silver	109-1	0.14	0.12	0.12	0.13	9.71	ppb
Silver	107-1	0.14	0.14	0.13	0.14	6.91	ppb
Sodium	23-2	100438.65	98674.88	97766.81	98960.11	1.37	ppb
Strontium	86-1	32.33	32.11	32.77	32.40	1.03	ppb
Strontium	88-1	31.83	32.18	32.48	32.16	1.02	ppb
Sulfur	34-1	96159.05	95727.25	96129.98	96005.43	0.25	ppb
Terbium	159-1				107		%
Terbium	159-2				105		%
Thallium	203-1	0.02	0.01	0.02	0.02	24.88	ppb
Thallium	205-1	0.01	0.01	0.01	0.01	10.85	ppb
Thorium	232-1	0.00	0.00	0.01	0.00	28.57	ppb
Tin	118-1	0.12	0.11	0.12	0.12	3.60	ppb
Titanium	47-1	1918.85	1900.99	1914.97	1911.60	0.49	ppb
Uranium	238-1	0.02	0.01	0.02	0.02	6.41	ppb
Vanadium	51-2	0.17	0.16	0.16	0.16	3.79	ppb
Yttrium	89-1				107		%
Yttrium	89-2				110		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	11.52	11.84	10.89	11.42	4.22	ppb
Zirconium	90-1	0.02	0.03	0.02	0.03	26.14	ppb
Zirconium	91-1	0.01	0.04	0.02	0.02	52.33	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:55:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	86592.90	88869.93	87512.35	87658.39	1.31	ppb
Antimony	121-1	19.70	20.51	20.24	20.15	2.04	ppb
Arsenic	75-2	19.83	20.49	19.90	20.07	1.80	ppb
Barium	135-1	21.30	20.89	21.21	21.14	1.02	ppb
Barium	137-1	21.49	21.21	21.56	21.42	0.87	ppb
Beryllium	9-1	21.71	21.99	21.66	21.79	0.80	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	59.25	60.76	59.13	59.71	1.52	ppb
Boron	11-1	61.19	61.32	62.43	61.65	1.10	ppb
Cadmium	111-1	19.96	20.00	20.08	20.01	0.29	ppb
Cadmium	106-1	13.73	15.55	14.38	14.55	6.35	ppb
Cadmium	108-1	30.62	30.84	31.50	30.99	1.49	ppb
Calcium	43-1	92368.46	92090.20	92423.11	92293.92	0.19	ppb
Calcium	44-1	92157.96	91019.86	92707.37	91961.73	0.94	ppb
Chromium	52-2	38.33	39.68	39.13	39.05	1.74	ppb
Cobalt	59-2	21.01	21.38	21.30	21.23	0.92	ppb
Copper	63-2	27.66	28.08	28.25	28.00	1.08	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				105		%
Indium	115-1				103		%
Indium	115-2				105		%
Iron	56-2	98629.43	99781.48	99203.08	99204.66	0.58	ppb
Iron	57-2	98383.65	99858.98	98801.19	99014.60	0.77	ppb
Krypton	83-1						cps
Lead	206-1	24.49	24.29	24.59	24.46	0.63	ppb
Lead	207-1	22.28	21.98	22.52	22.26	1.23	ppb
Lead	208-1	23.32	23.34	23.39	23.35	0.14	ppb
Lithium	6-1				97		%
Magnesium	24-2	98018.09	100077.34	98905.40	99000.28	1.04	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:55:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.16	27.98	27.51	27.55	1.49	ppb
Molybdenum	94-1	1331.38	1319.81	1312.74	1321.31	0.71	ppb
Molybdenum	95-1	1909.75	1908.14	1890.42	1902.77	0.56	ppb
Molybdenum	96-1	1835.96	1844.18	1820.12	1833.42	0.67	ppb
Molybdenum	97-1	1895.77	1920.52	1896.09	1904.13	0.75	ppb
Molybdenum	98-1	1896.07	1903.11	1913.18	1904.12	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	25.00	24.91	25.30	25.07	0.82	ppb
Phosphorus	31-2	93152.07	96025.87	95262.35	94813.43	1.57	ppb
Potassium	39-2	93828.30	95201.63	95154.88	94728.27	0.82	ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				109		%
Scandium	45-2				110		%
Selenium	77-2	22.88	21.71	25.47	23.35	8.24	ppb
Selenium	78-2	16.30	22.21	19.76	19.42	15.29	ppb
Selenium	82-1	18.77	17.76	18.86	18.46	3.33	ppb
Silicon	28-1	64.52	63.77	65.97	64.75	1.72	ppb
Silver	109-1	18.83	18.84	19.05	18.91	0.65	ppb
Silver	107-1	18.52	18.82	19.01	18.78	1.32	ppb
Sodium	23-2	98725.54	100108.13	100367.35	99733.67	0.88	ppb
Strontium	86-1	32.62	32.64	33.44	32.90	1.42	ppb
Strontium	88-1	32.45	32.54	32.52	32.50	0.15	ppb
Sulfur	34-1	96541.80	94751.88	96772.44	96022.04	1.15	ppb
Terbium	159-1				107		%
Terbium	159-2				104		%
Thallium	203-1	19.21	19.30	19.19	19.23	0.29	ppb
Thallium	205-1	19.77	19.67	19.86	19.77	0.47	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	16.61	ppb
Tin	118-1	45.86	45.90	46.97	46.24	1.37	ppb
Titanium	47-1	1974.57	1972.40	1975.23	1974.07	0.07	ppb
Uranium	238-1	0.01	0.02	0.02	0.02	11.38	ppb
Vanadium	51-2	19.90	20.37	20.05	20.11	1.20	ppb
Yttrium	89-1				107		%
Yttrium	89-2				109		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:55:40	DataFile Name :	020ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	31.50	31.70	32.68	31.96	1.97	ppb
Zirconium	90-1	0.03	0.02	0.03	0.03	15.13	ppb
Zirconium	91-1	0.02	0.03	0.04	0.03	32.23	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52515.20	51405.96	51629.59	51850.25	1.13	ppb
Antimony	121-1	494.41	487.16	493.95	491.84	0.83	ppb
Arsenic	75-2	481.63	480.91	483.45	482.00	0.27	ppb
Barium	135-1	2496.35	2468.44	2512.31	2492.37	0.89	ppb
Barium	137-1	2509.03	2493.75	2516.77	2506.52	0.47	ppb
Beryllium	9-1	529.67	536.64	542.92	536.41	1.24	ppb
Bismuth	209-1				88		%
Bismuth	209-2				88		%
Boron	10-1	544.23	554.35	564.08	554.22	1.79	ppb
Boron	11-1	549.61	564.15	577.78	563.85	2.50	ppb
Cadmium	111-1	478.27	479.97	489.55	482.60	1.26	ppb
Cadmium	106-1	483.87	484.15	489.45	485.82	0.65	ppb
Cadmium	108-1	478.08	483.70	490.86	484.22	1.32	ppb
Calcium	43-1	237375.62	234982.66	238716.08	237024.78	0.80	ppb
Calcium	44-1	235244.41	234685.09	238986.67	236305.39	0.99	ppb
Chromium	52-2	510.03	506.97	514.51	510.51	0.74	ppb
Cobalt	59-2	484.55	474.70	478.60	479.29	1.03	ppb
Copper	63-2	940.53	924.93	931.38	932.28	0.84	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				95		%
Indium	115-2				102		%
Iron	56-2	124666.57	122996.62	123367.15	123676.78	0.71	ppb
Iron	57-2	124888.89	123542.97	123704.42	124045.43	0.59	ppb
Krypton	83-1						cps
Lead	206-1	502.73	501.62	509.77	504.71	0.88	ppb
Lead	207-1	508.56	502.96	509.36	506.96	0.69	ppb
Lead	208-1	505.87	502.98	509.52	506.12	0.65	ppb
Lithium	6-1				89		%
Magnesium	24-2	245620.03	242418.04	242577.54	243538.54	0.74	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	981.69	963.32	967.91	970.97	0.98	ppb
Molybdenum	94-1	2474.00	2469.11	2505.70	2482.94	0.80	ppb
Molybdenum	95-1	2474.68	2466.98	2496.86	2479.51	0.63	ppb
Molybdenum	96-1	2472.83	2469.89	2496.87	2479.87	0.60	ppb
Molybdenum	97-1	2467.33	2463.60	2486.72	2472.55	0.50	ppb
Molybdenum	98-1	2461.27	2448.12	2467.37	2458.92	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	492.19	491.09	494.74	492.67	0.38	ppb
Phosphorus	31-2	9708.15	9650.22	9637.53	9665.30	0.39	ppb
Potassium	39-2	122142.95	119130.24	120597.37	120623.52	1.25	ppb
Rhodium	103-1				91		%
Rhodium	103-2				91		%
Scandium	45-1				102		%
Scandium	45-2				109		%
Selenium	77-2	480.43	461.17	460.25	467.28	2.44	ppb
Selenium	78-2	487.10	464.61	475.00	475.57	2.37	ppb
Selenium	82-1	449.36	456.81	461.71	455.96	1.36	ppb
Silicon	28-1	506.88	513.66	525.39	515.31	1.82	ppb
Silver	109-1	485.85	480.47	485.26	483.86	0.61	ppb
Silver	107-1	487.61	476.55	484.96	483.04	1.19	ppb
Sodium	23-2	245277.61	243679.82	244267.88	244408.44	0.33	ppb
Strontium	86-1	489.58	488.00	501.60	493.06	1.51	ppb
Strontium	88-1	494.36	492.05	499.62	495.34	0.78	ppb
Sulfur	34-1	9130.50	9135.85	9378.51	9214.95	1.54	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	507.84	509.99	515.85	511.22	0.81	ppb
Thallium	205-1	507.79	506.80	513.56	509.38	0.72	ppb
Thorium	232-1	509.25	507.56	513.49	510.10	0.60	ppb
Tin	118-1	501.82	493.38	501.52	498.91	0.96	ppb
Titanium	47-1	2459.24	2467.67	2488.57	2471.83	0.61	ppb
Uranium	238-1	510.26	508.97	513.89	511.04	0.50	ppb
Vanadium	51-2	496.45	493.41	494.93	494.93	0.31	ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	907.41	901.65	910.84	906.63	0.51	ppb
Zirconium	90-1	497.79	492.95	497.11	495.95	0.53	ppb
Zirconium	91-1	479.87	482.15	491.16	484.39	1.23	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P7
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 19:20:36 DataFile Name : 022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.80	1.22	0.84	0.96	24.34	ppb
Antimony	121-1	0.00	0.01	0.01	0.01	45.22	ppb
Arsenic	75-2	-0.02	-0.01	-0.02	-0.02		ppb
Barium	135-1	0.01	0.01	0.01	0.01	21.42	ppb
Barium	137-1	0.01	0.01	0.00	0.01	133.73	ppb
Beryllium	9-1	0.01	0.00	0.01	0.01	60.43	ppb
Bismuth	209-1				101		%
Bismuth	209-2				101		%
Boron	10-1	1.21	0.81	0.99	1.00	20.02	ppb
Boron	11-1	1.18	1.02	1.11	1.10	7.30	ppb
Cadmium	111-1	-0.11	-0.14	-0.10	-0.11		ppb
Cadmium	106-1	-1.31	-1.66	-1.24	-1.40		ppb
Cadmium	108-1	0.01	0.04	-0.06	0.00		ppb
Calcium	43-1	-0.38	0.49	0.45	0.19	265.61	ppb
Calcium	44-1	1.39	1.82	1.56	1.59	13.59	ppb
Chromium	52-2	0.00	0.01	-0.01	0.00		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	86.02	ppb
Copper	63-2	0.02	0.02	0.03	0.02	38.96	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				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				104		%
Iron	56-2	1.82	1.62	1.63	1.69	6.57	ppb
Iron	57-2	2.10	1.93	1.12	1.72	30.50	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	20.76	ppb
Lead	207-1	0.01	0.01	0.01	0.01	26.43	ppb
Lead	208-1	0.01	0.01	0.01	0.01	26.29	ppb
Lithium	6-1				97		%
Magnesium	24-2	2.92	2.32	2.35	2.53	13.37	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:20:36	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	94-1	0.07	0.08	0.05	0.07	21.29	ppb
Molybdenum	95-1	0.09	0.07	0.03	0.06	41.50	ppb
Molybdenum	96-1	0.09	0.06	0.05	0.07	25.17	ppb
Molybdenum	97-1	0.09	0.06	0.05	0.06	29.11	ppb
Molybdenum	98-1	0.08	0.06	0.05	0.07	21.83	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.01	-0.01	0.01	0.00	300.02	ppb
Phosphorus	31-2	-10.44	-15.72	-17.01	-14.39		ppb
Potassium	39-2	5.12	6.32	7.75	6.40	20.58	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				106		%
Selenium	77-2	0.00	0.36	0.00	0.12	173.21	ppb
Selenium	78-2	-0.29	-0.54	0.23	-0.20		ppb
Selenium	82-1	0.36	-0.19	0.15	0.11	256.58	ppb
Silicon	28-1	0.74	0.42	0.35	0.50	41.59	ppb
Silver	109-1	0.00	0.00	0.00	0.00	24.61	ppb
Silver	107-1	0.01	0.00	0.00	0.01	79.12	ppb
Sodium	23-2	18.74	19.19	18.87	18.93	1.23	ppb
Strontium	86-1	-0.03	0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-317.84	-283.19	-313.11	-304.71		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.01	0.01	0.01	0.01	16.31	ppb
Thallium	205-1	0.00	0.00	0.00	0.00		ppb
Thorium	232-1	0.01	0.00	0.00	0.00	28.62	ppb
Tin	118-1	0.02	0.02	0.02	0.02	8.58	ppb
Titanium	47-1	0.04	0.02	0.02	0.03	51.37	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	88.78	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	100.58	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:20:36	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	-0.22	-0.21	-0.26	-0.23		ppb
Zirconium	90-1	0.00	0.01	0.01	0.01	87.16	ppb
Zirconium	91-1	0.01	0.00	0.02	0.01	172.69	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	18.76	20.27	20.97	20.00	5.64	ppb
Antimony	121-1	1.95	1.97	2.03	1.98	2.21	ppb
Arsenic	75-2	0.98	1.15	0.88	1.00	13.35	ppb
Barium	135-1	9.53	9.44	9.82	9.60	2.08	ppb
Barium	137-1	9.71	9.98	9.65	9.78	1.75	ppb
Beryllium	9-1	1.18	1.09	1.16	1.14	4.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				101		%
Boron	10-1	27.64	29.80	30.09	29.18	4.58	ppb
Boron	11-1	27.13	28.72	29.15	28.33	3.74	ppb
Cadmium	111-1	0.98	0.89	1.04	0.97	8.01	ppb
Cadmium	106-1	0.44	-0.53	0.56	0.16	378.40	ppb
Cadmium	108-1	0.93	1.40	0.95	1.09	24.29	ppb
Calcium	43-1	479.92	468.74	479.51	476.06	1.33	ppb
Calcium	44-1	456.77	463.72	460.24	460.24	0.75	ppb
Chromium	52-2	2.29	2.28	2.22	2.26	1.56	ppb
Cobalt	59-2	1.13	1.11	1.12	1.12	0.78	ppb
Copper	63-2	2.25	2.20	2.30	2.25	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				105		%
Iron	56-2	54.04	53.90	54.44	54.13	0.52	ppb
Iron	57-2	52.88	56.16	58.67	55.90	5.20	ppb
Krypton	83-1						cps
Lead	206-1	0.93	0.97	0.93	0.94	2.44	ppb
Lead	207-1	0.99	0.99	0.95	0.98	2.08	ppb
Lead	208-1	0.95	0.99	0.95	0.96	1.93	ppb
Lithium	6-1				97		%
Magnesium	24-2	530.70	529.95	534.19	531.61	0.42	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.98	1.07	1.06	1.04	4.47	ppb
Molybdenum	94-1	5.04	4.76	4.81	4.87	3.05	ppb
Molybdenum	95-1	4.91	5.12	5.03	5.02	2.09	ppb
Molybdenum	96-1	5.04	5.08	5.07	5.06	0.45	ppb
Molybdenum	97-1	4.74	4.83	4.92	4.83	1.85	ppb
Molybdenum	98-1	4.86	5.03	4.98	4.96	1.72	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.24	1.22	1.21	2.41	ppb
Phosphorus	31-2	-6.54	2.59	-10.88	-4.95		ppb
Potassium	39-2	506.74	496.69	498.73	500.72	1.06	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				106		%
Scandium	45-2				108		%
Selenium	77-2	3.92	3.93	5.67	4.51	22.43	ppb
Selenium	78-2	4.76	5.47	5.61	5.28	8.65	ppb
Selenium	82-1	4.53	4.68	4.74	4.65	2.35	ppb
Silicon	28-1	14.26	14.04	14.30	14.20	0.98	ppb
Silver	109-1	1.11	1.11	1.13	1.12	1.15	ppb
Silver	107-1	1.04	1.08	1.09	1.07	2.19	ppb
Sodium	23-2	525.62	519.69	525.80	523.70	0.66	ppb
Strontium	86-1	1.02	1.00	1.05	1.02	2.23	ppb
Strontium	88-1	1.01	1.01	1.00	1.01	0.25	ppb
Sulfur	34-1	-363.06	-339.66	-68.47	-257.06		ppb
Terbium	159-1				103		%
Terbium	159-2				102		%
Thallium	203-1	0.89	0.86	0.93	0.89	4.11	ppb
Thallium	205-1	0.98	0.96	0.94	0.96	2.20	ppb
Thorium	232-1	0.92	0.89	0.89	0.90	2.00	ppb
Tin	118-1	4.69	4.83	4.93	4.82	2.44	ppb
Titanium	47-1	4.84	5.16	4.93	4.98	3.32	ppb
Uranium	238-1	0.93	0.93	0.92	0.93	0.67	ppb
Vanadium	51-2	5.03	5.10	5.18	5.10	1.51	ppb
Yttrium	89-1				105		%
Yttrium	89-2				107		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	2.24	2.08	2.16	2.16	3.70	ppb
Zirconium	90-1	1.05	0.99	0.97	1.00	4.08	ppb
Zirconium	91-1	1.02	1.06	1.04	1.04	2.17	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.31	0.02	0.75	0.36	101.21	ppb
Antimony	121-1	0.00	0.00	0.00	0.00		ppb
Arsenic	75-2	-0.01	0.00	-0.02	-0.01		ppb
Barium	135-1	0.02	0.01	0.00	0.01	58.82	ppb
Barium	137-1	0.00	0.02	0.00	0.01	95.34	ppb
Beryllium	9-1	0.00	0.02	0.00	0.01	151.76	ppb
Bismuth	209-1				107		%
Bismuth	209-2				106		%
Boron	10-1	0.62	0.81	0.80	0.75	14.62	ppb
Boron	11-1	0.79	0.94	0.66	0.80	17.42	ppb
Cadmium	111-1	-0.05	0.03	-0.03	-0.02		ppb
Cadmium	106-1	-0.68	0.36	-0.40	-0.24		ppb
Cadmium	108-1	-0.01	0.01	-0.06	-0.02		ppb
Calcium	43-1	4.59	5.69	4.55	4.94	13.03	ppb
Calcium	44-1	4.23	4.07	3.91	4.07	3.92	ppb
Chromium	52-2	-0.06	-0.08	-0.06	-0.06		ppb
Cobalt	59-2	0.00	0.00	-0.01	0.00		ppb
Copper	63-2	0.00	0.00	0.01	0.01	98.68	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				109		%
Holmium	165-2				107		%
Indium	115-1				110		%
Indium	115-2				111		%
Iron	56-2	0.72	0.85	1.04	0.87	18.26	ppb
Iron	57-2	1.13	0.95	0.11	0.73	74.85	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.01	0.00	0.01	89.91	ppb
Lead	207-1	0.01	0.00	0.01	0.00	94.24	ppb
Lead	208-1	0.01	0.01	0.01	0.01	18.13	ppb
Lithium	6-1				102		%
Magnesium	24-2	1.90	1.50	2.21	1.87	19.11	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	-0.01	-0.01	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.03	0.02	27.34	ppb
Molybdenum	95-1	0.02	0.02	0.02	0.02	3.72	ppb
Molybdenum	96-1	0.01	0.00	0.02	0.01	69.15	ppb
Molybdenum	97-1	0.02	0.02	0.03	0.02	38.05	ppb
Molybdenum	98-1	0.02	0.03	0.02	0.02	32.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-0.18	-8.20	-16.94	-8.44		ppb
Potassium	39-2	1.44	2.36	4.20	2.67	52.71	ppb
Rhodium	103-1				110		%
Rhodium	103-2				109		%
Scandium	45-1				112		%
Scandium	45-2				114		%
Selenium	77-2	0.00	0.00	0.00	0.00	N/A	ppb
Selenium	78-2	0.28	-0.05	0.33	0.19	110.19	ppb
Selenium	82-1	0.00	-0.19	0.10	-0.03		ppb
Silicon	28-1	-5.38	-5.31	-5.81	-5.50		ppb
Silver	109-1	0.00	0.00	0.00	0.00	41.21	ppb
Silver	107-1	0.00	0.00	0.00	0.00	234.64	ppb
Sodium	23-2	13.68	12.25	13.42	13.12	5.79	ppb
Strontium	86-1	-0.04	0.01	0.00	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-693.56	-517.57	-588.45	-599.86		ppb
Terbium	159-1				108		%
Terbium	159-2				107		%
Thallium	203-1	0.01	0.01	0.01	0.01	15.96	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	38.10	ppb
Thorium	232-1	0.00	0.00	0.00	0.00	253.49	ppb
Tin	118-1	-0.02	-0.02	-0.01	-0.02		ppb
Titanium	47-1	0.04	0.04	0.04	0.04	13.57	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	36.91	ppb
Vanadium	51-2	0.00	0.00	0.01	0.00	63.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				112		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.73	0.67	0.88	0.76	14.38	ppb
Zirconium	90-1	0.01	0.00	0.01	0.01	39.63	ppb
Zirconium	91-1	0.02	0.00	0.01	0.01	102.73	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9531.59	9460.10	9435.80	9475.83	0.53	ppb
Antimony	121-1	503.43	508.40	506.51	506.11	0.50	ppb
Arsenic	75-2	506.57	513.61	507.99	509.39	0.73	ppb
Barium	135-1	2494.14	2502.28	2495.04	2497.15	0.18	ppb
Barium	137-1	2497.98	2514.87	2509.30	2507.38	0.34	ppb
Beryllium	9-1	539.57	541.47	534.50	538.51	0.67	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	540.27	557.86	561.11	553.08	2.03	ppb
Boron	11-1	547.57	563.84	564.06	558.49	1.69	ppb
Cadmium	111-1	505.12	513.84	522.70	513.89	1.71	ppb
Cadmium	106-1	500.41	506.54	515.90	507.62	1.54	ppb
Cadmium	108-1	501.51	511.47	514.26	509.08	1.32	ppb
Calcium	43-1	48102.33	48108.15	48698.27	48302.92	0.71	ppb
Calcium	44-1	48352.77	47940.07	48062.10	48118.32	0.44	ppb
Chromium	52-2	490.19	487.26	484.22	487.23	0.61	ppb
Cobalt	59-2	499.44	492.23	487.43	493.03	1.23	ppb
Copper	63-2	1011.83	995.46	982.22	996.50	1.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				98		%
Indium	115-2				104		%
Iron	56-2	25220.18	24717.17	24595.29	24844.21	1.33	ppb
Iron	57-2	25176.02	25175.38	25084.59	25145.33	0.21	ppb
Krypton	83-1						cps
Lead	206-1	486.92	487.32	482.37	485.54	0.57	ppb
Lead	207-1	490.22	489.09	487.26	488.85	0.31	ppb
Lead	208-1	489.42	491.19	487.76	489.46	0.35	ppb
Lithium	6-1				93		%
Magnesium	24-2	51191.17	50256.89	49951.13	50466.40	1.28	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	987.64	959.30	964.36	970.43	1.56	ppb
Molybdenum	94-1	2464.58	2465.21	2436.57	2455.45	0.67	ppb
Molybdenum	95-1	2455.65	2472.43	2431.24	2453.11	0.84	ppb
Molybdenum	96-1	2445.21	2451.23	2429.71	2442.05	0.45	ppb
Molybdenum	97-1	2440.48	2445.40	2419.96	2435.28	0.55	ppb
Molybdenum	98-1	2455.11	2437.00	2421.95	2438.02	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.57	501.13	502.01	501.24	0.15	ppb
Phosphorus	31-2	10194.30	9835.75	9869.60	9966.55	1.99	ppb
Potassium	39-2	24073.36	23455.64	23537.30	23688.77	1.42	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				108		%
Selenium	77-2	518.55	509.32	513.74	513.87	0.90	ppb
Selenium	78-2	512.13	512.85	497.00	507.33	1.76	ppb
Selenium	82-1	492.35	506.79	503.22	500.79	1.50	ppb
Silicon	28-1	509.02	511.04	516.50	512.18	0.76	ppb
Silver	109-1	511.94	517.34	513.22	514.17	0.55	ppb
Silver	107-1	514.04	515.27	520.84	516.72	0.70	ppb
Sodium	23-2	50778.01	49914.47	49373.12	50021.87	1.42	ppb
Strontium	86-1	484.91	491.30	494.05	490.09	0.96	ppb
Strontium	88-1	491.60	493.46	493.15	492.74	0.20	ppb
Sulfur	34-1	9857.28	9522.81	9786.94	9722.34	1.81	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	496.94	493.13	489.37	493.15	0.77	ppb
Thallium	205-1	493.48	490.90	484.70	489.69	0.92	ppb
Thorium	232-1	475.70	476.80	473.08	475.20	0.40	ppb
Tin	118-1	501.23	509.64	508.01	506.29	0.88	ppb
Titanium	47-1	2472.84	2461.37	2463.25	2465.82	0.25	ppb
Uranium	238-1	478.27	479.76	475.16	477.73	0.49	ppb
Vanadium	51-2	496.52	490.14	493.23	493.30	0.65	ppb
Yttrium	89-1				101		%
Yttrium	89-2				108		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	1015.63	1012.89	1015.21	1014.58	0.15	ppb
Zirconium	90-1	490.12	490.05	487.89	489.36	0.26	ppb
Zirconium	91-1	473.59	481.90	485.22	480.24	1.25	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25896.08	25826.18	25397.00	25706.42	1.05	ppb
Antimony	121-1	0.83	0.83	0.93	0.86	6.77	ppb
Arsenic	75-2	36.44	36.04	36.44	36.31	0.63	ppb
Barium	135-1	2232.46	2243.37	2240.89	2238.91	0.26	ppb
Barium	137-1	2253.93	2262.44	2269.13	2261.83	0.34	ppb
Beryllium	9-1	1.68	1.80	1.76	1.75	3.54	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	18.68	19.11	18.90	18.89	1.14	ppb
Boron	11-1	19.59	20.27	20.06	19.97	1.75	ppb
Cadmium	111-1	3.94	3.94	3.98	3.96	0.59	ppb
Cadmium	106-1	8.90	8.27	9.08	8.75	4.87	ppb
Cadmium	108-1	5.79	5.21	5.58	5.53	5.30	ppb
Calcium	43-1	48756.88	49332.69	49390.66	49160.08	0.71	ppb
Calcium	44-1	48765.34	48793.60	48810.61	48789.85	0.05	ppb
Chromium	52-2	80.47	80.87	80.44	80.60	0.30	ppb
Cobalt	59-2	48.87	49.24	48.80	48.97	0.48	ppb
Copper	63-2	431.24	432.59	430.65	431.50	0.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				109		%
Iron	56-2	72951.83	72815.80	71711.99	72493.21	0.94	ppb
Iron	57-2	72320.88	72612.83	71582.50	72172.07	0.74	ppb
Krypton	83-1						cps
Lead	206-1	14442.45	14508.13	14421.48	14457.35	0.31	ppb
Lead	207-1	13266.89	13275.94	13277.90	13273.58	0.04	ppb
Lead	208-1	13851.24	13849.56	13758.79	13819.86	0.38	ppb
Lithium	6-1				100		%
Magnesium	24-2	11326.26	11189.21	11106.79	11207.42	0.99	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1176.17	1180.61	1162.55	1173.11	0.80	ppb
Molybdenum	94-1	25.33	24.94	25.31	25.20	0.88	ppb
Molybdenum	95-1	1.70	1.72	1.71	1.71	0.70	ppb
Molybdenum	96-1	4.79	5.07	5.12	4.99	3.60	ppb
Molybdenum	97-1	1.66	1.72	1.64	1.67	2.44	ppb
Molybdenum	98-1	1.68	1.75	1.73	1.72	2.15	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	207.72	208.89	206.61	207.74	0.55	ppb
Phosphorus	31-2	1580.09	1518.62	1435.47	1511.40	4.80	ppb
Potassium	39-2	2909.67	2926.37	2907.18	2914.40	0.36	ppb
Rhodium	103-1				102		%
Rhodium	103-2				102		%
Scandium	45-1				111		%
Scandium	45-2				115		%
Selenium	77-2	25.23	28.29	28.91	27.48	7.18	ppb
Selenium	78-2	6.63	6.15	7.06	6.61	6.89	ppb
Selenium	82-1	1.42	1.32	1.38	1.37	3.67	ppb
Silicon	28-1	854.64	878.42	872.65	868.57	1.43	ppb
Silver	109-1	1.94	2.03	2.04	2.00	2.55	ppb
Silver	107-1	2.02	2.00	2.04	2.02	1.19	ppb
Sodium	23-2	732.56	732.79	733.35	732.90	0.06	ppb
Strontium	86-1	130.89	130.34	131.02	130.75	0.28	ppb
Strontium	88-1	126.47	125.74	126.49	126.23	0.34	ppb
Sulfur	34-1	150.92	249.86	262.37	221.05	27.62	ppb
Terbium	159-1				105		%
Terbium	159-2				103		%
Thallium	203-1	0.32	0.33	0.35	0.33	4.38	ppb
Thallium	205-1	0.34	0.35	0.32	0.34	4.35	ppb
Thorium	232-1	8.72	8.83	8.78	8.77	0.61	ppb
Tin	118-1	198.36	198.81	201.06	199.41	0.72	ppb
Titanium	47-1	610.10	615.19	611.17	612.15	0.44	ppb
Uranium	238-1	2.07	2.06	2.06	2.07	0.28	ppb
Vanadium	51-2	83.37	83.26	82.30	82.98	0.71	ppb
Yttrium	89-1				119		%
Yttrium	89-2				126		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	3021.21	3042.74	3027.26	3030.40	0.37	ppb
Zirconium	90-1	15.27	15.44	15.48	15.40	0.74	ppb
Zirconium	91-1	15.71	15.33	15.68	15.57	1.35	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20311.44	19798.67	19980.50	20030.20	1.30	ppb
Antimony	121-1	0.06	0.06	0.06	0.06	6.52	ppb
Arsenic	75-2	27.30	27.88	28.09	27.76	1.47	ppb
Barium	135-1	48.83	48.86	49.02	48.90	0.20	ppb
Barium	137-1	50.20	49.16	49.82	49.73	1.07	ppb
Beryllium	9-1	2.18	1.97	1.92	2.02	6.68	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	12.37	11.99	13.34	12.57	5.54	ppb
Boron	11-1	13.34	13.00	13.67	13.33	2.51	ppb
Cadmium	111-1	0.70	0.63	0.63	0.66	6.55	ppb
Cadmium	106-1	7.79	5.67	6.97	6.81	15.69	ppb
Cadmium	108-1	2.93	2.32	2.84	2.70	12.15	ppb
Calcium	43-1	6328.24	6231.13	6318.62	6292.66	0.85	ppb
Calcium	44-1	5998.78	5983.77	6033.76	6005.44	0.43	ppb
Chromium	52-2	60.69	60.01	60.39	60.36	0.56	ppb
Cobalt	59-2	39.12	38.91	39.24	39.09	0.43	ppb
Copper	63-2	71.67	70.67	71.34	71.23	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				104		%
Indium	115-1				103		%
Indium	115-2				111		%
Iron	56-2	61312.00	60147.16	60961.20	60806.78	0.98	ppb
Iron	57-2	60519.94	60142.98	60421.07	60361.33	0.32	ppb
Krypton	83-1						cps
Lead	206-1	87.33	87.05	87.15	87.18	0.16	ppb
Lead	207-1	80.41	81.60	80.15	80.72	0.95	ppb
Lead	208-1	84.34	84.24	83.80	84.13	0.34	ppb
Lithium	6-1				99		%
Magnesium	24-2	13481.11	13295.13	13323.02	13366.42	0.75	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	788.27	781.27	785.88	785.14	0.45	ppb
Molybdenum	94-1	27.02	27.01	26.19	26.74	1.78	ppb
Molybdenum	95-1	0.78	0.87	0.79	0.81	5.47	ppb
Molybdenum	96-1	4.41	4.39	4.22	4.34	2.50	ppb
Molybdenum	97-1	0.80	0.75	0.71	0.76	5.85	ppb
Molybdenum	98-1	0.81	0.82	0.81	0.81	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	183.65	182.79	182.94	183.13	0.25	ppb
Phosphorus	31-2	1120.56	1164.16	1113.12	1132.62	2.43	ppb
Potassium	39-2	3619.75	3569.21	3633.03	3607.33	0.93	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				111		%
Scandium	45-2				116		%
Selenium	77-2	38.65	46.84	45.46	43.65	10.05	ppb
Selenium	78-2	9.71	9.37	8.86	9.31	4.59	ppb
Selenium	82-1	0.96	1.15	1.06	1.06	9.26	ppb
Silicon	28-1	228.07	238.68	234.68	233.81	2.29	ppb
Silver	109-1	0.17	0.16	0.19	0.17	9.63	ppb
Silver	107-1	0.20	0.20	0.21	0.20	2.70	ppb
Sodium	23-2	531.97	534.39	531.86	532.74	0.27	ppb
Strontium	86-1	27.66	27.79	27.90	27.78	0.42	ppb
Strontium	88-1	27.76	27.43	27.30	27.50	0.86	ppb
Sulfur	34-1	-1745.56	-1735.37	-1746.92	-1742.62		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.31	0.30	0.30	1.58	ppb
Thallium	205-1	0.30	0.29	0.32	0.30	5.82	ppb
Thorium	232-1	15.42	15.44	15.35	15.40	0.29	ppb
Tin	118-1	1.48	1.48	1.47	1.48	0.40	ppb
Titanium	47-1	436.24	436.40	433.00	435.21	0.44	ppb
Uranium	238-1	2.45	2.45	2.41	2.44	0.89	ppb
Vanadium	51-2	66.16	65.69	66.26	66.04	0.46	ppb
Yttrium	89-1				126		%
Yttrium	89-2				134		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	328.49	324.72	327.40	326.87	0.59	ppb
Zirconium	90-1	17.06	16.89	16.98	16.98	0.50	ppb
Zirconium	91-1	17.26	17.23	17.65	17.38	1.34	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	14760.61	14725.44	14786.69	14757.58	0.21	ppb
Antimony	121-1	0.13	0.14	0.12	0.13	8.45	ppb
Arsenic	75-2	128.66	128.13	127.87	128.22	0.31	ppb
Barium	135-1	40.90	40.71	39.98	40.53	1.20	ppb
Barium	137-1	40.67	41.39	40.73	40.93	0.97	ppb
Beryllium	9-1	1.31	1.26	1.29	1.29	1.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				97		%
Boron	10-1	11.48	10.61	11.54	11.21	4.66	ppb
Boron	11-1	12.09	11.78	11.87	11.92	1.33	ppb
Cadmium	111-1	0.67	0.63	0.73	0.68	7.34	ppb
Cadmium	106-1	4.35	3.97	5.01	4.44	11.88	ppb
Cadmium	108-1	2.16	2.29	2.10	2.19	4.42	ppb
Calcium	43-1	6451.10	6577.44	6435.80	6488.11	1.20	ppb
Calcium	44-1	6133.12	6227.95	6116.41	6159.16	0.98	ppb
Chromium	52-2	144.20	145.32	145.99	145.17	0.62	ppb
Cobalt	59-2	30.31	30.15	30.65	30.37	0.85	ppb
Copper	63-2	51.41	51.74	52.30	51.82	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				108		%
Iron	56-2	47005.58	46655.42	46795.21	46818.74	0.38	ppb
Iron	57-2	46620.62	46324.02	46983.91	46642.85	0.71	ppb
Krypton	83-1						cps
Lead	206-1	107.80	109.04	108.93	108.59	0.63	ppb
Lead	207-1	100.25	100.68	99.86	100.26	0.41	ppb
Lead	208-1	104.26	105.20	103.93	104.46	0.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	9578.76	9525.34	9656.55	9586.88	0.69	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	649.48	645.65	652.65	649.26	0.54	ppb
Molybdenum	94-1	21.30	21.46	21.16	21.31	0.70	ppb
Molybdenum	95-1	0.58	0.65	0.61	0.61	5.42	ppb
Molybdenum	96-1	3.49	3.43	3.28	3.40	3.22	ppb
Molybdenum	97-1	0.62	0.67	0.62	0.64	5.03	ppb
Molybdenum	98-1	0.60	0.63	0.61	0.61	2.92	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	159.34	158.79	159.26	159.13	0.19	ppb
Phosphorus	31-2	1076.85	1136.77	1031.94	1081.85	4.86	ppb
Potassium	39-2	2613.17	2631.21	2603.86	2616.08	0.53	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				105		%
Scandium	45-2				111		%
Selenium	77-2	33.62	43.78	34.43	37.27	15.15	ppb
Selenium	78-2	7.96	7.04	7.84	7.62	6.55	ppb
Selenium	82-1	0.67	0.45	0.63	0.58	20.86	ppb
Silicon	28-1	272.88	256.18	263.23	264.10	3.17	ppb
Silver	109-1	0.19	0.21	0.25	0.22	12.22	ppb
Silver	107-1	0.22	0.23	0.23	0.23	2.74	ppb
Sodium	23-2	394.45	405.19	395.21	398.28	1.51	ppb
Strontium	86-1	26.34	26.56	26.12	26.34	0.85	ppb
Strontium	88-1	26.02	26.12	25.94	26.03	0.35	ppb
Sulfur	34-1	-1374.73	-1384.14	-1399.38	-1386.09		ppb
Terbium	159-1				101		%
Terbium	159-2				101		%
Thallium	203-1	0.19	0.20	0.19	0.20	2.82	ppb
Thallium	205-1	0.19	0.20	0.22	0.21	7.82	ppb
Thorium	232-1	20.18	19.86	19.86	19.97	0.91	ppb
Tin	118-1	3.15	2.96	3.01	3.04	3.30	ppb
Titanium	47-1	392.91	396.20	392.01	393.71	0.56	ppb
Uranium	238-1	2.39	2.34	2.37	2.37	0.97	ppb
Vanadium	51-2	61.23	61.00	61.46	61.23	0.38	ppb
Yttrium	89-1				115		%
Yttrium	89-2				123		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	497.75	499.03	502.24	499.67	0.46	ppb
Zirconium	90-1	13.77	13.62	13.32	13.57	1.67	ppb
Zirconium	91-1	13.95	14.18	13.81	13.98	1.36	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	17376.93	17174.90	16977.96	17176.60	1.16	ppb
Antimony	121-1	0.08	0.06	0.10	0.08	21.91	ppb
Arsenic	75-2	15.88	15.68	15.99	15.85	1.00	ppb
Barium	135-1	64.49	64.80	65.71	65.00	0.98	ppb
Barium	137-1	66.49	65.62	66.46	66.19	0.74	ppb
Beryllium	9-1	1.81	1.78	1.81	1.80	0.94	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	14.69	14.73	14.97	14.80	1.03	ppb
Boron	11-1	14.11	14.36	15.03	14.50	3.29	ppb
Cadmium	111-1	1.26	1.22	1.30	1.26	2.88	ppb
Cadmium	106-1	6.20	6.41	6.99	6.54	6.29	ppb
Cadmium	108-1	3.24	3.20	3.02	3.15	3.66	ppb
Calcium	43-1	18919.56	19001.39	18896.57	18939.17	0.29	ppb
Calcium	44-1	18295.36	18180.53	18173.92	18216.60	0.37	ppb
Chromium	52-2	97.91	97.65	97.30	97.62	0.31	ppb
Cobalt	59-2	36.79	37.04	37.20	37.01	0.56	ppb
Copper	63-2	94.23	93.76	92.31	93.44	1.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				103		%
Indium	115-1				102		%
Indium	115-2				110		%
Iron	56-2	55630.98	55320.94	54773.85	55241.92	0.79	ppb
Iron	57-2	55450.80	55035.13	54600.91	55028.95	0.77	ppb
Krypton	83-1						cps
Lead	206-1	97.81	98.14	98.26	98.07	0.24	ppb
Lead	207-1	90.02	89.43	89.75	89.73	0.33	ppb
Lead	208-1	94.26	93.85	93.96	94.02	0.22	ppb
Lithium	6-1				96		%
Magnesium	24-2	12925.49	12723.23	12602.23	12750.32	1.28	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	640.30	635.31	633.23	636.28	0.57	ppb
Molybdenum	94-1	25.11	24.76	25.62	25.17	1.72	ppb
Molybdenum	95-1	0.91	0.88	0.88	0.89	2.25	ppb
Molybdenum	96-1	4.10	4.28	4.28	4.22	2.43	ppb
Molybdenum	97-1	0.95	0.88	0.93	0.92	4.08	ppb
Molybdenum	98-1	0.99	0.97	1.00	0.99	1.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	214.57	213.58	211.35	213.17	0.77	ppb
Phosphorus	31-2	1306.18	1191.72	1217.83	1238.58	4.84	ppb
Potassium	39-2	3196.63	3198.81	3146.46	3180.63	0.93	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				108		%
Scandium	45-2				115		%
Selenium	77-2	35.92	29.63	34.03	33.19	9.72	ppb
Selenium	78-2	8.04	7.65	8.23	7.98	3.71	ppb
Selenium	82-1	0.32	0.92	1.05	0.76	50.91	ppb
Silicon	28-1	1393.65	1426.11	1409.18	1409.64	1.15	ppb
Silver	109-1	0.25	0.25	0.26	0.25	2.52	ppb
Silver	107-1	0.31	0.28	0.27	0.28	7.63	ppb
Sodium	23-2	412.05	405.86	408.91	408.94	0.76	ppb
Strontium	86-1	61.31	61.33	62.10	61.58	0.73	ppb
Strontium	88-1	59.57	59.49	59.67	59.58	0.16	ppb
Sulfur	34-1	-1336.82	-1370.90	-1375.05	-1360.92		ppb
Terbium	159-1				103		%
Terbium	159-2				103		%
Thallium	203-1	0.26	0.30	0.28	0.28	6.83	ppb
Thallium	205-1	0.26	0.30	0.26	0.27	7.34	ppb
Thorium	232-1	16.07	15.99	16.00	16.02	0.28	ppb
Tin	118-1	2.65	2.70	2.64	2.66	1.18	ppb
Titanium	47-1	486.86	480.29	481.99	483.05	0.71	ppb
Uranium	238-1	2.06	2.04	2.06	2.05	0.61	ppb
Vanadium	51-2	61.48	61.83	61.48	61.59	0.33	ppb
Yttrium	89-1				120		%
Yttrium	89-2				128		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	239.04	239.67	241.13	239.95	0.45	ppb
Zirconium	90-1	15.73	15.70	15.66	15.70	0.23	ppb
Zirconium	91-1	16.05	16.13	16.19	16.12	0.45	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	97233.04	96823.55	95065.50	96374.03	1.19	ppb
Antimony	121-1	0.22	0.20	0.23	0.21	7.74	ppb
Arsenic	75-2	28.32	28.25	28.10	28.22	0.41	ppb
Barium	135-1	942.39	939.93	942.69	941.67	0.16	ppb
Barium	137-1	946.79	939.26	947.59	944.55	0.49	ppb
Beryllium	9-1	8.87	8.92	9.09	8.96	1.28	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	16.21	16.18	17.23	16.54	3.60	ppb
Boron	11-1	16.76	17.24	17.90	17.30	3.31	ppb
Cadmium	111-1	2.03	2.08	1.97	2.03	2.85	ppb
Cadmium	106-1	11.62	11.05	10.54	11.07	4.87	ppb
Cadmium	108-1	6.28	5.85	5.82	5.98	4.31	ppb
Calcium	43-1	14764.31	14779.06	14822.42	14788.60	0.20	ppb
Calcium	44-1	14270.79	14375.99	14336.58	14327.78	0.37	ppb
Chromium	52-2	131.22	132.71	130.30	131.41	0.92	ppb
Cobalt	59-2	86.04	85.88	85.50	85.80	0.33	ppb
Copper	63-2	119.47	120.56	119.89	119.97	0.46	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				102		%
Indium	115-1				98		%
Indium	115-2				105		%
Iron	56-2	138690.18	137598.29	136033.18	137440.55	0.97	ppb
Iron	57-2	138342.56	136778.94	134861.70	136661.07	1.28	ppb
Krypton	83-1						cps
Lead	206-1	233.87	242.65	241.40	239.31	1.98	ppb
Lead	207-1	215.36	220.73	221.99	219.36	1.60	ppb
Lead	208-1	227.17	231.58	231.15	229.97	1.06	ppb
Lithium	6-1				102		%
Magnesium	24-2	38282.89	38057.29	37871.78	38070.65	0.54	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6977.15	6946.24	6838.97	6920.78	1.05	ppb
Molybdenum	94-1	42.94	42.82	43.14	42.97	0.37	ppb
Molybdenum	95-1	1.25	1.12	1.19	1.19	5.83	ppb
Molybdenum	96-1	7.01	7.24	6.98	7.08	2.02	ppb
Molybdenum	97-1	1.12	1.15	1.18	1.15	2.83	ppb
Molybdenum	98-1	1.13	1.12	1.12	1.12	0.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	189.29	190.11	190.04	189.81	0.24	ppb
Phosphorus	31-2	4642.89	4651.28	4738.25	4677.47	1.13	ppb
Potassium	39-2	8410.72	8354.16	8267.18	8344.02	0.87	ppb
Rhodium	103-1				97		%
Rhodium	103-2				96		%
Scandium	45-1				113		%
Scandium	45-2				117		%
Selenium	77-2	75.51	76.33	66.83	72.89	7.22	ppb
Selenium	78-2	14.35	14.51	13.95	14.27	2.04	ppb
Selenium	82-1	2.60	2.28	2.83	2.57	10.78	ppb
Silicon	28-1	356.74	353.56	336.38	348.89	3.14	ppb
Silver	109-1	0.61	0.64	0.66	0.63	3.74	ppb
Silver	107-1	0.70	0.66	0.69	0.68	2.97	ppb
Sodium	23-2	1294.75	1301.50	1299.22	1298.49	0.26	ppb
Strontium	86-1	79.13	78.59	80.00	79.24	0.89	ppb
Strontium	88-1	76.31	75.87	76.59	76.25	0.47	ppb
Sulfur	34-1	-1709.55	-1831.92	-1909.30	-1816.92		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	1.27	1.26	1.32	1.28	2.71	ppb
Thallium	205-1	1.34	1.36	1.32	1.34	1.66	ppb
Thorium	232-1	35.71	36.31	36.66	36.23	1.32	ppb
Tin	118-1	0.78	0.82	0.76	0.79	4.18	ppb
Titanium	47-1	216.07	214.44	217.14	215.88	0.63	ppb
Uranium	238-1	6.25	6.34	6.33	6.31	0.82	ppb
Vanadium	51-2	186.01	186.98	185.40	186.13	0.43	ppb
Yttrium	89-1				136		%
Yttrium	89-2				144		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	544.92	545.64	540.47	543.68	0.52	ppb
Zirconium	90-1	27.11	27.33	27.39	27.28	0.54	ppb
Zirconium	91-1	27.88	28.09	28.35	28.11	0.85	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	115740.08	114735.72	113258.83	114578.21	1.09	ppb
Antimony	121-1	0.26	0.24	0.23	0.24	5.43	ppb
Arsenic	75-2	27.73	27.80	27.80	27.77	0.13	ppb
Barium	135-1	1138.85	1113.98	1090.59	1114.47	2.17	ppb
Barium	137-1	1142.91	1116.43	1101.01	1120.12	1.89	ppb
Beryllium	9-1	10.51	10.38	10.32	10.40	0.92	ppb
Bismuth	209-1				93		%
Bismuth	209-2				95		%
Boron	10-1	21.41	22.49	21.03	21.64	3.51	ppb
Boron	11-1	23.76	23.32	23.14	23.41	1.35	ppb
Cadmium	111-1	2.68	2.53	2.46	2.55	4.51	ppb
Cadmium	106-1	13.89	12.97	12.00	12.95	7.30	ppb
Cadmium	108-1	6.69	6.70	5.69	6.36	9.08	ppb
Calcium	43-1	15144.72	14838.74	14676.67	14886.71	1.60	ppb
Calcium	44-1	14654.40	14331.53	14151.52	14379.15	1.77	ppb
Chromium	52-2	147.23	147.14	145.84	146.73	0.53	ppb
Cobalt	59-2	112.12	112.12	110.62	111.62	0.78	ppb
Copper	63-2	128.98	128.02	128.22	128.41	0.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				97		%
Indium	115-2				105		%
Iron	56-2	143465.75	138992.93	138596.95	140351.88	1.93	ppb
Iron	57-2	141935.17	139289.95	137525.13	139583.42	1.59	ppb
Krypton	83-1						cps
Lead	206-1	294.12	285.05	282.08	287.09	2.18	ppb
Lead	207-1	257.76	252.68	250.14	253.53	1.53	ppb
Lead	208-1	278.23	270.62	267.63	272.16	2.01	ppb
Lithium	6-1				103		%
Magnesium	24-2	47655.67	47079.70	46435.00	47056.79	1.30	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	10147.65	9903.60	9866.32	9972.52	1.53	ppb
Molybdenum	94-1	49.50	49.31	49.38	49.40	0.19	ppb
Molybdenum	95-1	1.41	1.33	1.37	1.37	2.69	ppb
Molybdenum	96-1	7.91	7.87	8.04	7.94	1.12	ppb
Molybdenum	97-1	1.27	1.27	1.20	1.25	3.41	ppb
Molybdenum	98-1	1.27	1.26	1.32	1.28	2.42	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	239.49	240.47	237.81	239.26	0.56	ppb
Phosphorus	31-2	4881.52	4872.25	4846.34	4866.70	0.37	ppb
Potassium	39-2	10669.45	10530.66	10391.78	10530.63	1.32	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				113		%
Scandium	45-2				121		%
Selenium	77-2	80.25	76.22	76.62	77.70	2.85	ppb
Selenium	78-2	14.03	16.74	13.33	14.70	12.26	ppb
Selenium	82-1	2.22	3.24	2.86	2.77	18.57	ppb
Silicon	28-1	483.47	528.13	480.05	497.22	5.40	ppb
Silver	109-1	0.69	0.70	0.71	0.70	1.59	ppb
Silver	107-1	0.77	0.74	0.78	0.76	2.52	ppb
Sodium	23-2	1244.88	1227.00	1220.07	1230.65	1.04	ppb
Strontium	86-1	79.70	79.86	79.86	79.81	0.11	ppb
Strontium	88-1	78.23	76.87	76.99	77.37	0.98	ppb
Sulfur	34-1	-1736.63	-1827.75	-1952.10	-1838.83		ppb
Terbium	159-1				102		%
Terbium	159-2				103		%
Thallium	203-1	1.65	1.53	1.59	1.59	3.83	ppb
Thallium	205-1	1.63	1.60	1.64	1.62	1.30	ppb
Thorium	232-1	41.52	40.49	40.17	40.73	1.72	ppb
Tin	118-1	1.04	0.96	1.06	1.02	5.27	ppb
Titanium	47-1	289.54	284.60	282.14	285.43	1.32	ppb
Uranium	238-1	6.48	6.35	6.29	6.37	1.55	ppb
Vanadium	51-2	187.15	186.22	186.23	186.53	0.29	ppb
Yttrium	89-1				142		%
Yttrium	89-2				152		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	657.93	656.42	650.80	655.05	0.57	ppb
Zirconium	90-1	31.35	30.93	31.21	31.16	0.69	ppb
Zirconium	91-1	32.13	32.27	32.32	32.24	0.30	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	112869.49	111383.66	112016.93	112090.03	0.67	ppb
Antimony	121-1	0.25	0.23	0.27	0.25	8.49	ppb
Arsenic	75-2	26.23	26.49	26.05	26.26	0.85	ppb
Barium	135-1	1023.73	1019.84	1028.76	1024.11	0.44	ppb
Barium	137-1	1035.28	1028.74	1027.73	1030.58	0.40	ppb
Beryllium	9-1	9.96	9.79	9.86	9.87	0.87	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	17.20	16.92	17.71	17.28	2.33	ppb
Boron	11-1	17.97	17.85	18.15	17.99	0.84	ppb
Cadmium	111-1	2.45	2.57	2.42	2.48	3.03	ppb
Cadmium	106-1	15.90	17.80	16.33	16.68	5.99	ppb
Cadmium	108-1	6.81	7.78	7.37	7.32	6.68	ppb
Calcium	43-1	11901.72	11984.28	11995.99	11960.66	0.43	ppb
Calcium	44-1	11525.81	11541.11	11539.12	11535.34	0.07	ppb
Chromium	52-2	146.08	147.43	145.53	146.35	0.67	ppb
Cobalt	59-2	106.75	106.83	107.22	106.93	0.24	ppb
Copper	63-2	119.41	119.75	120.52	119.90	0.47	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				104		%
Indium	115-1				100		%
Indium	115-2				107		%
Iron	56-2	138049.50	136714.55	135901.83	136888.63	0.79	ppb
Iron	57-2	137292.57	135099.98	135514.01	135968.85	0.86	ppb
Krypton	83-1						cps
Lead	206-1	210.12	214.66	214.87	213.22	1.26	ppb
Lead	207-1	191.31	198.69	198.68	196.23	2.17	ppb
Lead	208-1	203.00	206.52	207.06	205.53	1.07	ppb
Lithium	6-1				107		%
Magnesium	24-2	48457.96	48101.44	47834.33	48131.24	0.65	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7234.68	7170.17	7143.32	7182.72	0.65	ppb
Molybdenum	94-1	55.74	56.86	56.96	56.52	1.19	ppb
Molybdenum	95-1	1.25	1.37	1.31	1.31	4.45	ppb
Molybdenum	96-1	8.66	8.77	8.80	8.74	0.84	ppb
Molybdenum	97-1	1.24	1.17	1.20	1.21	2.95	ppb
Molybdenum	98-1	1.27	1.29	1.27	1.27	0.89	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	241.70	244.57	243.48	243.25	0.60	ppb
Phosphorus	31-2	5318.99	5181.23	4968.53	5156.25	3.42	ppb
Potassium	39-2	12109.56	11982.11	11900.01	11997.23	0.88	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				119		%
Scandium	45-2				124		%
Selenium	77-2	85.91	87.19	87.68	86.93	1.05	ppb
Selenium	78-2	16.21	15.15	15.50	15.62	3.47	ppb
Selenium	82-1	2.51	2.73	2.68	2.64	4.35	ppb
Silicon	28-1	594.27	625.58	621.39	613.75	2.77	ppb
Silver	109-1	0.63	0.62	0.60	0.62	2.37	ppb
Silver	107-1	0.67	0.64	0.66	0.66	2.49	ppb
Sodium	23-2	1193.89	1194.99	1188.88	1192.59	0.27	ppb
Strontium	86-1	54.48	54.84	54.56	54.63	0.35	ppb
Strontium	88-1	53.07	53.02	52.63	52.91	0.46	ppb
Sulfur	34-1	-1254.30	-1354.21	-1271.71	-1293.41		ppb
Terbium	159-1				105		%
Terbium	159-2				104		%
Thallium	203-1	1.42	1.44	1.51	1.46	3.36	ppb
Thallium	205-1	1.50	1.54	1.55	1.53	2.01	ppb
Thorium	232-1	40.84	41.77	41.33	41.31	1.12	ppb
Tin	118-1	0.79	0.79	0.73	0.77	4.63	ppb
Titanium	47-1	221.10	221.44	223.52	222.02	0.59	ppb
Uranium	238-1	8.37	8.43	8.52	8.44	0.90	ppb
Vanadium	51-2	167.57	167.86	168.39	167.94	0.25	ppb
Yttrium	89-1				150		%
Yttrium	89-2				157		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	634.75	638.61	635.15	636.17	0.33	ppb
Zirconium	90-1	37.29	35.83	36.02	36.38	2.18	ppb
Zirconium	91-1	36.98	37.10	36.79	36.96	0.42	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:11:29	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51942.31	51507.06	51709.59	51719.65	0.42	ppb
Antimony	121-1	503.24	504.58	505.56	504.46	0.23	ppb
Arsenic	75-2	488.20	494.91	495.11	492.74	0.80	ppb
Barium	135-1	2562.92	2551.29	2563.27	2559.16	0.27	ppb
Barium	137-1	2571.31	2543.76	2573.75	2562.94	0.65	ppb
Beryllium	9-1	535.83	545.13	556.31	545.76	1.88	ppb
Bismuth	209-1				90		%
Bismuth	209-2				89		%
Boron	10-1	539.39	562.51	578.48	560.13	3.51	ppb
Boron	11-1	561.22	572.73	590.23	574.73	2.54	ppb
Cadmium	111-1	483.36	485.85	496.69	488.63	1.45	ppb
Cadmium	106-1	483.13	491.17	498.37	490.89	1.55	ppb
Cadmium	108-1	472.44	477.45	497.50	482.47	2.75	ppb
Calcium	43-1	244320.16	241018.67	239374.43	241571.09	1.04	ppb
Calcium	44-1	242234.17	241019.90	238284.70	240512.92	0.84	ppb
Chromium	52-2	508.59	505.12	511.96	508.56	0.67	ppb
Cobalt	59-2	493.25	488.01	490.51	490.59	0.53	ppb
Copper	63-2	950.99	936.93	940.74	942.89	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				103		%
Holmium	165-2				102		%
Indium	115-1				97		%
Indium	115-2				103		%
Iron	56-2	124561.21	123111.59	123221.22	123631.34	0.65	ppb
Iron	57-2	123553.74	122656.28	123119.31	123109.78	0.36	ppb
Krypton	83-1						cps
Lead	206-1	512.62	513.77	510.40	512.26	0.34	ppb
Lead	207-1	518.54	514.44	511.39	514.79	0.70	ppb
Lead	208-1	515.59	513.99	514.09	514.56	0.17	ppb
Lithium	6-1				92		%
Magnesium	24-2	250003.54	246480.83	248110.46	248198.28	0.71	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:11:29	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	997.43	984.89	984.89	989.07	0.73	ppb
Molybdenum	94-1	2535.34	2540.46	2494.87	2523.56	0.99	ppb
Molybdenum	95-1	2533.03	2555.97	2497.28	2528.76	1.17	ppb
Molybdenum	96-1	2506.51	2539.20	2510.23	2518.65	0.71	ppb
Molybdenum	97-1	2491.27	2518.62	2512.41	2507.43	0.57	ppb
Molybdenum	98-1	2494.92	2518.38	2501.53	2504.94	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	494.87	492.92	494.22	494.00	0.20	ppb
Phosphorus	31-2	9952.40	9876.37	9976.31	9935.03	0.53	ppb
Potassium	39-2	121223.52	119929.79	121600.31	120917.87	0.72	ppb
Rhodium	103-1				93		%
Rhodium	103-2				92		%
Scandium	45-1				104		%
Scandium	45-2				110		%
Selenium	77-2	459.78	454.05	472.04	461.96	1.99	ppb
Selenium	78-2	463.04	472.16	477.36	470.85	1.54	ppb
Selenium	82-1	452.51	467.98	467.59	462.70	1.91	ppb
Silicon	28-1	533.92	537.32	538.31	536.51	0.43	ppb
Silver	109-1	490.28	489.96	493.74	491.33	0.43	ppb
Silver	107-1	493.57	491.22	494.55	493.11	0.35	ppb
Sodium	23-2	250238.16	248266.22	250247.91	249584.10	0.46	ppb
Strontium	86-1	492.14	506.24	505.64	501.34	1.59	ppb
Strontium	88-1	503.65	508.91	505.31	505.95	0.53	ppb
Sulfur	34-1	9602.80	9429.51	9418.73	9483.68	1.09	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	520.79	520.66	518.34	519.93	0.27	ppb
Thallium	205-1	512.97	516.71	518.94	516.20	0.58	ppb
Thorium	232-1	522.33	519.26	518.77	520.12	0.37	ppb
Tin	118-1	509.08	507.16	511.37	509.20	0.41	ppb
Titanium	47-1	2513.70	2525.44	2500.59	2513.25	0.49	ppb
Uranium	238-1	519.34	520.71	515.47	518.51	0.52	ppb
Vanadium	51-2	502.90	502.41	509.23	504.85	0.75	ppb
Yttrium	89-1				102		%
Yttrium	89-2				109		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:11:29	DataFile Name :	035CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	915.67	914.29	931.86	920.61	1.06	ppb
Zirconium	90-1	505.90	507.20	503.92	505.67	0.33	ppb
Zirconium	91-1	507.27	493.28	493.64	498.07	1.60	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:21:25	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.47	1.29	1.25	1.34	8.74	ppb
Antimony	121-1	0.03	0.05	0.03	0.03	28.03	ppb
Arsenic	75-2	0.01	-0.01	-0.01	0.00		ppb
Barium	135-1	0.02	0.04	0.04	0.03	32.66	ppb
Barium	137-1	0.03	0.03	0.02	0.03	15.17	ppb
Beryllium	9-1	0.02	0.01	0.01	0.01	45.66	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	2.29	1.87	2.47	2.21	13.82	ppb
Boron	11-1	2.41	2.15	2.23	2.27	5.83	ppb
Cadmium	111-1	-0.05	-0.08	-0.01	-0.05		ppb
Cadmium	106-1	-0.64	-1.06	-0.08	-0.59		ppb
Cadmium	108-1	-0.03	-0.03	0.08	0.00	1532.14	ppb
Calcium	43-1	2.19	1.79	3.92	2.64	42.93	ppb
Calcium	44-1	2.69	2.48	2.33	2.50	7.22	ppb
Chromium	52-2	-0.02	0.00	-0.02	-0.01		ppb
Cobalt	59-2	0.01	0.00	0.00	0.00	188.72	ppb
Copper	63-2	0.02	0.02	0.01	0.02	39.58	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				106		%
Holmium	165-2				106		%
Indium	115-1				109		%
Indium	115-2				108		%
Iron	56-2	3.10	2.33	2.31	2.58	17.26	ppb
Iron	57-2	3.43	1.60	2.90	2.64	35.77	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.07	0.07	0.07	7.74	ppb
Lead	207-1	0.08	0.06	0.06	0.07	18.76	ppb
Lead	208-1	0.08	0.07	0.08	0.08	8.09	ppb
Lithium	6-1				99		%
Magnesium	24-2	5.79	2.14	1.51	3.15	73.49	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:21:25	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.11	0.07	0.08	0.09	24.18	ppb
Molybdenum	94-1	0.06	0.03	0.06	0.05	30.81	ppb
Molybdenum	95-1	0.08	0.05	0.07	0.06	22.80	ppb
Molybdenum	96-1	0.05	0.07	0.04	0.05	23.34	ppb
Molybdenum	97-1	0.07	0.04	0.04	0.05	31.13	ppb
Molybdenum	98-1	0.06	0.06	0.04	0.06	20.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	0.01	-0.01	0.00		ppb
Phosphorus	31-2	-5.53	-17.61	-20.53	-14.56		ppb
Potassium	39-2	4.19	4.58	7.25	5.34	31.21	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				111		%
Selenium	77-2	0.00	0.00	0.34	0.11	173.21	ppb
Selenium	78-2	0.17	0.33	0.09	0.20	61.38	ppb
Selenium	82-1	-0.01	0.12	0.28	0.13	116.04	ppb
Silicon	28-1	-1.99	-0.84	-1.48	-1.44		ppb
Silver	109-1	0.01	0.01	0.01	0.01	21.09	ppb
Silver	107-1	0.02	0.01	0.01	0.01	37.49	ppb
Sodium	23-2	21.61	18.28	18.44	19.45	9.65	ppb
Strontium	86-1	-0.02	0.01	0.00	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-690.79	-620.45	-636.31	-649.19		ppb
Terbium	159-1				106		%
Terbium	159-2				105		%
Thallium	203-1	0.00	0.01	0.01	0.01	55.03	ppb
Thallium	205-1	0.00	0.01	0.00	0.00	114.16	ppb
Thorium	232-1	0.03	0.03	0.03	0.03	6.91	ppb
Tin	118-1	0.03	0.01	0.03	0.02	59.60	ppb
Titanium	47-1	0.02	0.00	0.02	0.02	62.87	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	39.95	ppb
Vanadium	51-2	0.01	0.00	0.00	0.01	69.40	ppb
Yttrium	89-1				108		%
Yttrium	89-2				110		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:21:25	DataFile Name :	036CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.13	0.12	0.21	0.15	31.45	ppb
Zirconium	90-1	0.01	0.02	0.02	0.02	11.12	ppb
Zirconium	91-1	0.01	0.01	0.02	0.01	44.75	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5100.79	5135.29	5189.34	5141.80	0.87	ppb
Antimony	121-1	0.18	0.18	0.21	0.19	7.96	ppb
Arsenic	75-2	7.85	7.92	7.95	7.91	0.65	ppb
Barium	135-1	433.52	436.80	445.28	438.53	1.38	ppb
Barium	137-1	435.24	438.29	441.55	438.36	0.72	ppb
Beryllium	9-1	0.36	0.39	0.41	0.39	6.32	ppb
Bismuth	209-1				105		%
Bismuth	209-2				107		%
Boron	10-1	4.42	4.36	4.70	4.49	4.11	ppb
Boron	11-1	4.65	5.06	4.90	4.87	4.16	ppb
Cadmium	111-1	0.74	0.75	0.69	0.72	4.65	ppb
Cadmium	106-1	1.11	0.95	0.56	0.87	32.31	ppb
Cadmium	108-1	1.22	0.96	1.28	1.15	14.80	ppb
Calcium	43-1	10251.98	10244.74	10335.99	10277.57	0.49	ppb
Calcium	44-1	10054.34	10025.89	10191.07	10090.43	0.88	ppb
Chromium	52-2	15.88	15.73	16.16	15.92	1.38	ppb
Cobalt	59-2	9.79	9.74	9.95	9.83	1.08	ppb
Copper	63-2	89.05	88.79	89.90	89.25	0.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				111		%
Indium	115-1				110		%
Indium	115-2				115		%
Iron	56-2	14789.90	14354.39	14534.88	14559.72	1.50	ppb
Iron	57-2	14333.75	14034.17	14437.06	14268.33	1.47	ppb
Krypton	83-1						cps
Lead	206-1	2888.04	2903.48	2901.65	2897.72	0.29	ppb
Lead	207-1	2651.60	2650.72	2640.23	2647.52	0.24	ppb
Lead	208-1	2761.41	2766.03	2763.85	2763.77	0.08	ppb
Lithium	6-1				102		%
Magnesium	24-2	2265.76	2287.59	2308.81	2287.39	0.94	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	236.51	234.13	237.69	236.11	0.77	ppb
Molybdenum	94-1	5.21	5.44	5.62	5.42	3.75	ppb
Molybdenum	95-1	0.32	0.41	0.37	0.37	11.03	ppb
Molybdenum	96-1	1.15	1.07	1.09	1.10	3.39	ppb
Molybdenum	97-1	0.34	0.35	0.36	0.35	2.37	ppb
Molybdenum	98-1	0.40	0.38	0.43	0.40	6.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.01	41.42	41.88	41.77	0.74	ppb
Phosphorus	31-2	277.95	294.83	304.93	292.57	4.66	ppb
Potassium	39-2	597.92	582.38	595.32	591.88	1.41	ppb
Rhodium	103-1				110		%
Rhodium	103-2				111		%
Scandium	45-1				114		%
Scandium	45-2				120		%
Selenium	77-2	4.45	5.31	6.60	5.45	19.79	ppb
Selenium	78-2	1.12	1.33	1.45	1.30	12.91	ppb
Selenium	82-1	0.21	0.54	0.39	0.38	42.73	ppb
Silicon	28-1	175.58	181.93	176.48	178.00	1.93	ppb
Silver	109-1	0.40	0.41	0.44	0.42	5.14	ppb
Silver	107-1	0.40	0.41	0.42	0.41	1.64	ppb
Sodium	23-2	157.16	155.42	156.17	156.25	0.56	ppb
Strontium	86-1	27.18	28.46	28.55	28.06	2.72	ppb
Strontium	88-1	27.33	27.89	28.08	27.76	1.41	ppb
Sulfur	34-1	-929.48	-1007.22	-939.34	-958.68		ppb
Terbium	159-1				109		%
Terbium	159-2				110		%
Thallium	203-1	0.08	0.07	0.07	0.07	6.13	ppb
Thallium	205-1	0.06	0.08	0.06	0.07	10.35	ppb
Thorium	232-1	1.65	1.69	1.71	1.68	1.62	ppb
Tin	118-1	40.32	40.88	41.28	40.83	1.17	ppb
Titanium	47-1	126.92	128.66	130.31	128.63	1.32	ppb
Uranium	238-1	0.37	0.40	0.41	0.39	5.74	ppb
Vanadium	51-2	16.54	16.25	16.44	16.41	0.92	ppb
Yttrium	89-1				114		%
Yttrium	89-2				120		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	657.45	655.21	661.96	658.21	0.52	ppb
Zirconium	90-1	3.27	3.32	3.38	3.32	1.64	ppb
Zirconium	91-1	3.42	3.53	3.48	3.48	1.59	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5198.86	4236.54	4217.05	4550.82	12.33	ppb
Antimony	121-1	0.04	0.01	0.02	0.02	61.26	ppb
Arsenic	75-2	7.91	6.67	6.64	7.07	10.25	ppb
Barium	135-1	9.35	9.19	9.43	9.32	1.32	ppb
Barium	137-1	9.67	9.37	9.63	9.56	1.68	ppb
Beryllium	9-1	0.41	0.44	0.43	0.42	3.36	ppb
Bismuth	209-1				108		%
Bismuth	209-2				99		%
Boron	10-1	2.94	3.33	3.21	3.16	6.21	ppb
Boron	11-1	3.56	3.38	3.25	3.40	4.51	ppb
Cadmium	111-1	0.19	0.01	0.11	0.10	86.85	ppb
Cadmium	106-1	1.91	-0.16	0.86	0.87	118.78	ppb
Cadmium	108-1	0.63	0.40	0.39	0.47	29.69	ppb
Calcium	43-1	1272.42	1208.29	1254.94	1245.22	2.66	ppb
Calcium	44-1	1219.54	1157.59	1198.30	1191.81	2.64	ppb
Chromium	52-2	15.35	12.49	12.57	13.47	12.06	ppb
Cobalt	59-2	10.07	8.32	8.37	8.92	11.19	ppb
Copper	63-2	18.66	14.77	14.93	16.12	13.67	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				111		%
Holmium	165-2				102		%
Indium	115-1				113		%
Indium	115-2				107		%
Iron	56-2	15596.71	12839.24	12717.53	13717.83	11.87	ppb
Iron	57-2	15487.82	12650.33	12723.13	13620.43	11.88	ppb
Krypton	83-1						cps
Lead	206-1	16.69	15.99	16.06	16.25	2.37	ppb
Lead	207-1	15.26	14.75	14.92	14.98	1.74	ppb
Lead	208-1	16.03	15.55	15.81	15.80	1.52	ppb
Lithium	6-1				104		%
Magnesium	24-2	3458.51	2869.51	2829.45	3052.49	11.54	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	204.37	169.48	167.20	180.35	11.55	ppb
Molybdenum	94-1	5.97	5.66	5.65	5.76	3.20	ppb
Molybdenum	95-1	0.20	0.17	0.21	0.19	12.76	ppb
Molybdenum	96-1	0.95	0.88	1.00	0.94	6.01	ppb
Molybdenum	97-1	0.17	0.22	0.14	0.18	23.52	ppb
Molybdenum	98-1	0.19	0.19	0.20	0.19	4.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	46.44	38.36	38.75	41.18	11.06	ppb
Phosphorus	31-2	322.91	237.99	242.20	267.70	17.88	ppb
Potassium	39-2	965.38	773.19	772.79	837.12	13.27	ppb
Rhodium	103-1				113		%
Rhodium	103-2				102		%
Scandium	45-1				116		%
Scandium	45-2				109		%
Selenium	77-2	12.91	12.13	10.26	11.77	11.60	ppb
Selenium	78-2	2.85	1.92	1.19	1.99	41.75	ppb
Selenium	82-1	0.16	0.01	0.04	0.07	114.58	ppb
Silicon	28-1	66.26	60.04	61.41	62.57	5.22	ppb
Silver	109-1	0.03	0.04	0.03	0.03	9.48	ppb
Silver	107-1	0.04	0.05	0.04	0.05	11.69	ppb
Sodium	23-2	146.93	120.63	120.43	129.33	11.79	ppb
Strontium	86-1	6.18	6.11	6.20	6.16	0.74	ppb
Strontium	88-1	6.33	5.97	6.14	6.15	2.92	ppb
Sulfur	34-1	-1546.58	-1819.06	-1634.77	-1666.80		ppb
Terbium	159-1				111		%
Terbium	159-2				101		%
Thallium	203-1	0.07	0.07	0.06	0.06	8.29	ppb
Thallium	205-1	0.05	0.06	0.05	0.05	11.77	ppb
Thorium	232-1	2.84	2.74	2.77	2.79	1.82	ppb
Tin	118-1	0.29	0.28	0.27	0.28	2.81	ppb
Titanium	47-1	90.27	87.84	89.29	89.13	1.37	ppb
Uranium	238-1	0.45	0.45	0.43	0.44	2.09	ppb
Vanadium	51-2	16.81	13.47	13.73	14.67	12.65	ppb
Yttrium	89-1				118		%
Yttrium	89-2				113		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	87.01	71.85	71.65	76.84	11.47	ppb
Zirconium	90-1	3.73	3.57	3.70	3.67	2.42	ppb
Zirconium	91-1	3.98	3.63	3.87	3.83	4.72	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3089.12	3109.64	3076.42	3091.72	0.54	ppb
Antimony	121-1	0.03	0.02	0.04	0.03	30.80	ppb
Arsenic	75-2	29.66	29.42	29.69	29.59	0.51	ppb
Barium	135-1	7.92	7.94	8.21	8.03	2.02	ppb
Barium	137-1	8.06	8.14	8.07	8.09	0.51	ppb
Beryllium	9-1	0.30	0.27	0.24	0.27	10.87	ppb
Bismuth	209-1				103		%
Bismuth	209-2				104		%
Boron	10-1	2.81	2.79	3.45	3.02	12.37	ppb
Boron	11-1	3.01	2.91	3.23	3.05	5.26	ppb
Cadmium	111-1	0.10	0.13	0.10	0.11	17.05	ppb
Cadmium	106-1	0.16	1.01	0.36	0.51	87.15	ppb
Cadmium	108-1	0.33	0.67	0.56	0.52	33.31	ppb
Calcium	43-1	1298.33	1288.09	1311.80	1299.41	0.91	ppb
Calcium	44-1	1238.95	1244.66	1247.28	1243.63	0.34	ppb
Chromium	52-2	30.18	29.96	29.94	30.03	0.43	ppb
Cobalt	59-2	6.32	6.35	6.22	6.30	1.11	ppb
Copper	63-2	10.53	10.65	10.68	10.62	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				107		%
Holmium	165-2				107		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	56-2	9780.05	9711.27	9574.84	9688.72	1.08	ppb
Iron	57-2	9615.65	9628.88	9598.66	9614.40	0.16	ppb
Krypton	83-1						cps
Lead	206-1	20.67	20.82	20.99	20.83	0.76	ppb
Lead	207-1	19.43	19.55	19.35	19.44	0.51	ppb
Lead	208-1	20.31	20.43	20.40	20.38	0.30	ppb
Lithium	6-1				101		%
Magnesium	24-2	2051.79	1998.88	2022.19	2024.29	1.31	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	136.43	135.47	135.61	135.84	0.38	ppb
Molybdenum	94-1	4.66	4.50	4.64	4.60	1.86	ppb
Molybdenum	95-1	0.13	0.12	0.11	0.12	5.78	ppb
Molybdenum	96-1	0.75	0.74	0.77	0.75	2.27	ppb
Molybdenum	97-1	0.14	0.13	0.15	0.14	6.97	ppb
Molybdenum	98-1	0.16	0.14	0.12	0.14	14.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	33.21	32.78	33.31	33.10	0.86	ppb
Phosphorus	31-2	208.23	221.94	211.04	213.74	3.39	ppb
Potassium	39-2	543.86	532.92	540.41	539.06	1.04	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	77-2	6.45	6.67	8.56	7.23	16.04	ppb
Selenium	78-2	1.85	1.75	1.48	1.69	11.43	ppb
Selenium	82-1	0.01	-0.11	0.18	0.03	536.73	ppb
Silicon	28-1	50.26	50.09	51.83	50.73	1.89	ppb
Silver	109-1	0.04	0.05	0.05	0.05	3.53	ppb
Silver	107-1	0.05	0.06	0.06	0.06	14.29	ppb
Sodium	23-2	87.41	88.40	87.97	87.93	0.56	ppb
Strontium	86-1	5.89	5.59	5.74	5.74	2.61	ppb
Strontium	88-1	5.63	5.61	5.65	5.63	0.40	ppb
Sulfur	34-1	-1640.68	-1617.66	-1572.98	-1610.44		ppb
Terbium	159-1				107		%
Terbium	159-2				107		%
Thallium	203-1	0.02	0.04	0.04	0.04	31.95	ppb
Thallium	205-1	0.04	0.04	0.04	0.04	7.07	ppb
Thorium	232-1	3.80	3.81	3.76	3.79	0.67	ppb
Tin	118-1	0.59	0.58	0.55	0.57	3.88	ppb
Titanium	47-1	79.62	79.81	79.44	79.62	0.23	ppb
Uranium	238-1	0.44	0.42	0.43	0.43	2.65	ppb
Vanadium	51-2	12.68	12.35	12.47	12.50	1.36	ppb
Yttrium	89-1				113		%
Yttrium	89-2				119		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	106.74	110.59	109.63	108.98	1.84	ppb
Zirconium	90-1	3.03	2.92	2.95	2.97	2.04	ppb
Zirconium	91-1	3.10	2.96	2.95	3.00	2.83	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : J5516-08DLX5 Instrumnet Name : P7
 Client Sample ID : SSSI-1012-S-DH-29DL Dilution Factor : 5
 Date & Time Acquired :: 2018-10-19 20:36:52 DataFile Name : 040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3515.30	3544.72	3534.50	3531.51	0.42	ppb
Antimony	121-1	0.02	0.04	0.02	0.03	36.66	ppb
Arsenic	75-2	3.66	3.39	3.35	3.47	4.97	ppb
Barium	135-1	12.55	12.48	12.61	12.54	0.52	ppb
Barium	137-1	12.78	13.19	12.54	12.84	2.54	ppb
Beryllium	9-1	0.31	0.33	0.31	0.32	3.21	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	3.27	3.68	3.39	3.44	6.08	ppb
Boron	11-1	3.34	3.44	3.23	3.34	3.14	ppb
Cadmium	111-1	0.18	0.19	0.25	0.21	16.46	ppb
Cadmium	106-1	0.61	0.48	1.49	0.86	63.73	ppb
Cadmium	108-1	0.60	0.49	0.61	0.57	11.60	ppb
Calcium	43-1	3709.39	3747.83	3764.09	3740.44	0.75	ppb
Calcium	44-1	3661.17	3632.84	3664.30	3652.77	0.47	ppb
Chromium	52-2	19.39	19.58	19.72	19.56	0.82	ppb
Cobalt	59-2	7.54	7.55	7.63	7.57	0.68	ppb
Copper	63-2	18.85	19.03	18.97	18.95	0.48	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				106		%
Indium	115-1				109		%
Indium	115-2				113		%
Iron	56-2	11225.33	11203.28	11211.80	11213.47	0.10	ppb
Iron	57-2	10987.74	11126.26	11095.51	11069.84	0.66	ppb
Krypton	83-1						cps
Lead	206-1	18.83	18.61	18.50	18.65	0.92	ppb
Lead	207-1	17.18	16.92	16.93	17.01	0.85	ppb
Lead	208-1	17.97	17.89	17.81	17.89	0.44	ppb
Lithium	6-1				100		%
Magnesium	24-2	2624.95	2625.84	2649.44	2633.41	0.53	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:36:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	128.85	130.02	131.88	130.25	1.17	ppb
Molybdenum	94-1	5.29	5.42	5.10	5.27	3.07	ppb
Molybdenum	95-1	0.20	0.22	0.20	0.21	5.94	ppb
Molybdenum	96-1	0.93	0.85	0.87	0.88	4.71	ppb
Molybdenum	97-1	0.22	0.24	0.17	0.21	18.22	ppb
Molybdenum	98-1	0.24	0.19	0.19	0.21	12.75	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	43.25	43.50	43.47	43.41	0.31	ppb
Phosphorus	31-2	228.46	267.12	251.69	249.09	7.81	ppb
Potassium	39-2	654.81	650.63	666.37	657.27	1.24	ppb
Rhodium	103-1				109		%
Rhodium	103-2				108		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	77-2	9.10	7.40	9.59	8.70	13.26	ppb
Selenium	78-2	2.09	1.68	1.82	1.86	11.26	ppb
Selenium	82-1	-0.14	0.16	0.22	0.08	240.55	ppb
Silicon	28-1	323.68	337.93	329.57	330.39	2.17	ppb
Silver	109-1	0.05	0.05	0.06	0.05	8.08	ppb
Silver	107-1	0.05	0.05	0.07	0.06	14.72	ppb
Sodium	23-2	89.21	91.81	88.93	89.98	1.76	ppb
Strontium	86-1	13.23	13.69	13.05	13.32	2.48	ppb
Strontium	88-1	13.15	13.25	13.30	13.24	0.58	ppb
Sulfur	34-1	-1593.77	-1715.38	-1622.67	-1643.94		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.06	0.06	0.04	0.05	13.41	ppb
Thallium	205-1	0.05	0.05	0.05	0.05	8.08	ppb
Thorium	232-1	2.94	2.93	2.92	2.93	0.35	ppb
Tin	118-1	0.53	0.52	0.51	0.52	2.10	ppb
Titanium	47-1	96.66	97.40	97.22	97.09	0.40	ppb
Uranium	238-1	0.36	0.39	0.37	0.37	3.69	ppb
Vanadium	51-2	12.28	12.50	12.37	12.38	0.93	ppb
Yttrium	89-1				114		%
Yttrium	89-2				118		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:36:52	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	51.83	51.19	51.37	51.46	0.65	ppb
Zirconium	90-1	3.33	3.34	3.33	3.33	0.26	ppb
Zirconium	91-1	3.44	3.56	3.41	3.47	2.26	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20884.42	20764.28	20701.70	20783.47	0.45	ppb
Antimony	121-1	0.05	0.04	0.04	0.04	15.82	ppb
Arsenic	75-2	7.50	7.29	7.79	7.53	3.35	ppb
Barium	135-1	196.13	195.67	194.75	195.52	0.36	ppb
Barium	137-1	198.61	198.64	196.04	197.77	0.75	ppb
Beryllium	9-1	2.01	2.01	1.94	1.99	2.16	ppb
Bismuth	209-1				103		%
Bismuth	209-2				102		%
Boron	10-1	3.85	4.60	3.93	4.13	9.96	ppb
Boron	11-1	4.18	4.27	4.44	4.30	3.06	ppb
Cadmium	111-1	0.45	0.47	0.37	0.43	13.14	ppb
Cadmium	106-1	2.77	2.78	1.30	2.28	37.39	ppb
Cadmium	108-1	1.13	0.99	1.04	1.05	6.38	ppb
Calcium	43-1	3228.33	3268.93	3259.74	3252.33	0.65	ppb
Calcium	44-1	3090.94	3099.55	3072.49	3087.66	0.45	ppb
Chromium	52-2	28.41	28.53	28.59	28.51	0.32	ppb
Cobalt	59-2	18.93	18.80	18.66	18.80	0.72	ppb
Copper	63-2	26.72	26.94	26.28	26.65	1.26	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				108		%
Holmium	165-2				107		%
Indium	115-1				108		%
Indium	115-2				112		%
Iron	56-2	30115.82	29863.72	29818.80	29932.78	0.53	ppb
Iron	57-2	30054.52	29867.54	29774.55	29898.87	0.48	ppb
Krypton	83-1						cps
Lead	206-1	47.66	48.02	48.05	47.91	0.45	ppb
Lead	207-1	44.16	44.09	44.05	44.10	0.13	ppb
Lead	208-1	46.12	46.32	46.52	46.32	0.42	ppb
Lithium	6-1				102		%
Magnesium	24-2	8298.93	8185.60	8177.23	8220.59	0.83	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1512.18	1498.85	1497.57	1502.86	0.54	ppb
Molybdenum	94-1	10.80	10.87	10.93	10.86	0.60	ppb
Molybdenum	95-1	0.32	0.28	0.34	0.31	10.06	ppb
Molybdenum	96-1	1.70	1.81	1.75	1.75	3.10	ppb
Molybdenum	97-1	0.26	0.31	0.23	0.26	14.47	ppb
Molybdenum	98-1	0.28	0.27	0.27	0.27	2.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	41.40	42.36	42.29	42.02	1.27	ppb
Phosphorus	31-2	1055.88	1039.92	1088.27	1061.36	2.32	ppb
Potassium	39-2	1844.20	1829.17	1844.04	1839.14	0.47	ppb
Rhodium	103-1				108		%
Rhodium	103-2				106		%
Scandium	45-1				113		%
Scandium	45-2				116		%
Selenium	77-2	16.65	16.16	20.14	17.65	12.32	ppb
Selenium	78-2	3.37	3.73	3.51	3.54	5.07	ppb
Selenium	82-1	0.40	0.76	0.67	0.61	30.15	ppb
Silicon	28-1	103.08	112.54	100.73	105.45	5.93	ppb
Silver	109-1	0.14	0.16	0.13	0.14	11.76	ppb
Silver	107-1	0.16	0.15	0.15	0.15	3.70	ppb
Sodium	23-2	294.57	287.45	287.93	289.98	1.37	ppb
Strontium	86-1	20.06	20.18	19.85	20.03	0.83	ppb
Strontium	88-1	19.79	19.92	19.96	19.89	0.44	ppb
Sulfur	34-1	-2112.78	-2263.60	-2215.14	-2197.17		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.25	0.22	0.25	0.24	6.36	ppb
Thallium	205-1	0.26	0.26	0.26	0.26	0.54	ppb
Thorium	232-1	7.03	7.10	7.01	7.05	0.65	ppb
Tin	118-1	0.14	0.15	0.16	0.15	4.85	ppb
Titanium	47-1	47.98	49.02	49.84	48.95	1.90	ppb
Uranium	238-1	1.19	1.20	1.17	1.19	1.06	ppb
Vanadium	51-2	40.62	40.26	39.90	40.26	0.89	ppb
Yttrium	89-1				117		%
Yttrium	89-2				122		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	129.49	127.23	129.28	128.66	0.97	ppb
Zirconium	90-1	6.93	6.83	6.90	6.89	0.71	ppb
Zirconium	91-1	6.93	7.01	6.86	6.93	1.01	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	26079.84	25792.90	25149.67	25674.14	1.86	ppb
Antimony	121-1	0.04	0.05	0.05	0.05	3.88	ppb
Arsenic	75-2	7.64	7.55	7.61	7.60	0.58	ppb
Barium	135-1	223.91	223.20	227.64	224.92	1.06	ppb
Barium	137-1	226.54	227.44	230.29	228.09	0.86	ppb
Beryllium	9-1	2.33	2.36	2.36	2.35	0.59	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	5.93	5.59	5.36	5.63	5.13	ppb
Boron	11-1	5.57	5.53	5.75	5.62	2.12	ppb
Cadmium	111-1	0.62	0.56	0.55	0.58	6.78	ppb
Cadmium	106-1	2.85	2.99	2.46	2.77	9.77	ppb
Cadmium	108-1	1.26	1.39	1.20	1.28	7.60	ppb
Calcium	43-1	3213.78	3202.30	3302.16	3239.41	1.69	ppb
Calcium	44-1	3090.05	3104.04	3132.55	3108.88	0.70	ppb
Chromium	52-2	32.90	33.19	32.70	32.93	0.76	ppb
Cobalt	59-2	25.55	25.47	25.02	25.35	1.12	ppb
Copper	63-2	29.71	29.92	29.50	29.71	0.69	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				109		%
Iron	56-2	31742.66	31750.66	31183.60	31558.97	1.03	ppb
Iron	57-2	31559.52	31420.94	31058.33	31346.26	0.83	ppb
Krypton	83-1						cps
Lead	206-1	55.52	55.81	56.38	55.90	0.79	ppb
Lead	207-1	50.74	51.46	51.60	51.27	0.90	ppb
Lead	208-1	53.54	53.70	54.16	53.80	0.59	ppb
Lithium	6-1				102		%
Magnesium	24-2	10638.39	10617.66	10429.87	10561.97	1.09	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2255.40	2246.96	2230.04	2244.13	0.58	ppb
Molybdenum	94-1	12.54	12.91	12.42	12.63	2.03	ppb
Molybdenum	95-1	0.34	0.31	0.33	0.33	4.06	ppb
Molybdenum	96-1	2.11	2.00	2.08	2.06	2.83	ppb
Molybdenum	97-1	0.32	0.31	0.33	0.32	1.84	ppb
Molybdenum	98-1	0.32	0.31	0.31	0.31	1.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.42	54.86	53.83	54.37	0.94	ppb
Phosphorus	31-2	1174.66	1229.68	1114.77	1173.03	4.90	ppb
Potassium	39-2	2384.23	2407.96	2350.19	2380.79	1.22	ppb
Rhodium	103-1				105		%
Rhodium	103-2				103		%
Scandium	45-1				111		%
Scandium	45-2				113		%
Selenium	77-2	20.05	20.08	17.10	19.08	8.96	ppb
Selenium	78-2	4.60	3.13	4.14	3.96	19.01	ppb
Selenium	82-1	1.14	0.24	0.70	0.70	64.54	ppb
Silicon	28-1	152.79	203.49	155.40	170.56	16.74	ppb
Silver	109-1	0.13	0.15	0.14	0.14	4.67	ppb
Silver	107-1	0.19	0.16	0.16	0.17	9.07	ppb
Sodium	23-2	282.75	286.01	280.54	283.10	0.97	ppb
Strontium	86-1	20.72	20.59	20.68	20.66	0.32	ppb
Strontium	88-1	20.28	20.41	20.48	20.39	0.49	ppb
Sulfur	34-1	-2331.25	-2298.38	-2289.05	-2306.22		ppb
Terbium	159-1				106		%
Terbium	159-2				104		%
Thallium	203-1	0.30	0.35	0.32	0.32	6.39	ppb
Thallium	205-1	0.31	0.31	0.32	0.31	1.66	ppb
Thorium	232-1	7.76	7.90	8.00	7.89	1.53	ppb
Tin	118-1	0.21	0.18	0.23	0.20	12.20	ppb
Titanium	47-1	63.03	64.19	64.59	63.94	1.27	ppb
Uranium	238-1	1.20	1.21	1.25	1.22	2.06	ppb
Vanadium	51-2	41.93	42.03	41.46	41.81	0.72	ppb
Yttrium	89-1				116		%
Yttrium	89-2				120		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	159.75	163.16	160.71	161.21	1.09	ppb
Zirconium	90-1	7.91	8.09	8.05	8.02	1.18	ppb
Zirconium	91-1	8.09	8.30	8.22	8.20	1.25	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24925.60	25138.20	24703.13	24922.31	0.87	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	23.11	ppb
Arsenic	75-2	7.25	7.27	7.08	7.20	1.49	ppb
Barium	135-1	201.34	210.47	207.78	206.53	2.27	ppb
Barium	137-1	200.35	212.73	212.42	208.50	3.39	ppb
Beryllium	9-1	2.12	2.17	2.23	2.17	2.64	ppb
Bismuth	209-1				104		%
Bismuth	209-2				100		%
Boron	10-1	4.40	4.03	4.53	4.32	5.95	ppb
Boron	11-1	3.81	4.27	4.24	4.11	6.22	ppb
Cadmium	111-1	0.44	0.46	0.56	0.49	12.44	ppb
Cadmium	106-1	2.15	2.45	3.86	2.82	32.32	ppb
Cadmium	108-1	1.24	1.30	1.33	1.29	3.40	ppb
Calcium	43-1	2526.18	2675.51	2648.05	2616.58	3.04	ppb
Calcium	44-1	2383.29	2480.77	2493.92	2452.66	2.46	ppb
Chromium	52-2	32.26	33.02	32.38	32.55	1.27	ppb
Cobalt	59-2	24.00	24.16	24.38	24.18	0.80	ppb
Copper	63-2	27.39	27.55	27.59	27.51	0.38	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				109		%
Holmium	165-2				105		%
Indium	115-1				107		%
Indium	115-2				109		%
Iron	56-2	30759.45	30847.20	30436.10	30680.91	0.71	ppb
Iron	57-2	30186.82	30738.57	30445.12	30456.84	0.91	ppb
Krypton	83-1						cps
Lead	206-1	40.58	42.84	42.99	42.14	3.20	ppb
Lead	207-1	37.67	39.02	38.90	38.53	1.93	ppb
Lead	208-1	39.40	41.23	41.14	40.59	2.55	ppb
Lithium	6-1				103		%
Magnesium	24-2	10692.01	10818.59	10663.87	10724.82	0.77	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1600.25	1614.03	1600.22	1604.83	0.50	ppb
Molybdenum	94-1	14.09	14.75	14.86	14.57	2.84	ppb
Molybdenum	95-1	0.34	0.37	0.38	0.36	5.64	ppb
Molybdenum	96-1	2.32	2.26	2.27	2.28	1.54	ppb
Molybdenum	97-1	0.24	0.32	0.32	0.29	15.93	ppb
Molybdenum	98-1	0.32	0.30	0.33	0.32	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.68	55.73	55.12	55.18	0.96	ppb
Phosphorus	31-2	1203.61	1148.37	1159.08	1170.36	2.50	ppb
Potassium	39-2	2672.16	2685.93	2641.01	2666.37	0.86	ppb
Rhodium	103-1				107		%
Rhodium	103-2				103		%
Scandium	45-1				113		%
Scandium	45-2				114		%
Selenium	77-2	19.48	27.50	23.28	23.42	17.14	ppb
Selenium	78-2	3.16	4.69	3.43	3.76	21.68	ppb
Selenium	82-1	0.85	0.57	0.55	0.66	25.42	ppb
Silicon	28-1	126.47	163.82	136.18	142.16	13.63	ppb
Silver	109-1	0.12	0.13	0.10	0.12	11.85	ppb
Silver	107-1	0.13	0.16	0.14	0.15	9.35	ppb
Sodium	23-2	273.00	277.08	273.37	274.48	0.82	ppb
Strontium	86-1	13.86	14.47	14.44	14.26	2.41	ppb
Strontium	88-1	13.74	14.63	14.50	14.29	3.39	ppb
Sulfur	34-1	-2459.31	-2316.37	-2226.65	-2334.11		ppb
Terbium	159-1				108		%
Terbium	159-2				104		%
Thallium	203-1	0.26	0.27	0.28	0.27	2.89	ppb
Thallium	205-1	0.28	0.29	0.29	0.28	3.10	ppb
Thorium	232-1	7.59	8.03	7.96	7.86	3.03	ppb
Tin	118-1	0.12	0.13	0.19	0.15	24.86	ppb
Titanium	47-1	47.56	50.36	48.95	48.96	2.86	ppb
Uranium	238-1	1.50	1.58	1.61	1.56	3.44	ppb
Vanadium	51-2	37.08	37.28	37.80	37.39	0.99	ppb
Yttrium	89-1				118		%
Yttrium	89-2				121		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	154.82	158.31	155.24	156.13	1.22	ppb
Zirconium	90-1	9.16	9.54	9.56	9.42	2.38	ppb
Zirconium	91-1	9.11	9.74	9.96	9.60	4.57	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : J5516-02DL2X10 Instrumnet Name : P7
 Client Sample ID : SSSI-1011-S-DH-32DL2 Dilution Factor : 10
 Date & Time Acquired :: 2018-10-19 20:53:06 DataFile Name : 044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2716.39	2654.11	2652.79	2674.43	1.36	ppb
Antimony	121-1	0.08	0.09	0.08	0.08	6.38	ppb
Arsenic	75-2	4.06	4.24	4.09	4.13	2.41	ppb
Barium	135-1	218.83	221.77	221.35	220.65	0.72	ppb
Barium	137-1	221.74	226.83	225.15	224.57	1.16	ppb
Beryllium	9-1	0.16	0.19	0.15	0.17	13.56	ppb
Bismuth	209-1				104		%
Bismuth	209-2				104		%
Boron	10-1	1.78	2.03	2.04	1.95	7.56	ppb
Boron	11-1	1.91	1.90	2.05	1.95	4.29	ppb
Cadmium	111-1	0.28	0.34	0.30	0.31	8.82	ppb
Cadmium	106-1	-0.48	-0.03	-0.68	-0.40		ppb
Cadmium	108-1	0.44	0.70	0.43	0.52	28.89	ppb
Calcium	43-1	5085.18	5145.88	5161.53	5130.86	0.79	ppb
Calcium	44-1	4971.72	5039.10	4989.56	5000.13	0.70	ppb
Chromium	52-2	8.34	8.25	8.10	8.23	1.47	ppb
Cobalt	59-2	5.02	5.09	4.97	5.03	1.23	ppb
Copper	63-2	47.21	46.87	46.41	46.83	0.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				106		%
Indium	115-1				108		%
Indium	115-2				111		%
Iron	56-2	7643.60	7542.35	7402.17	7529.37	1.61	ppb
Iron	57-2	7568.69	7514.08	7390.75	7491.17	1.22	ppb
Krypton	83-1						cps
Lead	206-1	1410.09	1426.56	1423.85	1420.17	0.62	ppb
Lead	207-1	1296.95	1310.39	1300.84	1302.73	0.53	ppb
Lead	208-1	1352.39	1367.64	1359.52	1359.85	0.56	ppb
Lithium	6-1				100		%
Magnesium	24-2	1209.53	1184.09	1186.81	1193.47	1.17	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:53:06	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	123.04	123.47	121.85	122.79	0.69	ppb
Molybdenum	94-1	2.62	2.71	2.69	2.68	1.69	ppb
Molybdenum	95-1	0.19	0.22	0.19	0.20	10.14	ppb
Molybdenum	96-1	0.51	0.55	0.50	0.52	5.24	ppb
Molybdenum	97-1	0.16	0.19	0.15	0.16	14.15	ppb
Molybdenum	98-1	0.19	0.20	0.14	0.18	15.84	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	21.91	21.62	21.38	21.64	1.24	ppb
Phosphorus	31-2	181.33	138.94	157.32	159.20	13.35	ppb
Potassium	39-2	304.55	299.05	303.34	302.31	0.96	ppb
Rhodium	103-1				108		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				115		%
Selenium	77-2	2.67	4.61	2.93	3.40	30.89	ppb
Selenium	78-2	1.14	1.00	0.49	0.88	39.44	ppb
Selenium	82-1	0.14	0.02	0.13	0.10	68.30	ppb
Silicon	28-1	86.28	83.13	83.34	84.25	2.09	ppb
Silver	109-1	0.22	0.20	0.20	0.21	4.54	ppb
Silver	107-1	0.19	0.18	0.19	0.19	1.71	ppb
Sodium	23-2	80.29	79.76	78.15	79.40	1.41	ppb
Strontium	86-1	13.92	14.07	14.20	14.06	1.01	ppb
Strontium	88-1	14.09	14.43	14.33	14.28	1.21	ppb
Sulfur	34-1	-2112.92	-1887.94	-1739.74	-1913.53		ppb
Terbium	159-1				107		%
Terbium	159-2				106		%
Thallium	203-1	0.05	0.02	0.02	0.03	45.70	ppb
Thallium	205-1	0.03	0.03	0.03	0.03	11.61	ppb
Thorium	232-1	0.81	0.82	0.83	0.82	1.24	ppb
Tin	118-1	20.35	20.45	20.60	20.47	0.62	ppb
Titanium	47-1	63.59	62.84	63.44	63.29	0.63	ppb
Uranium	238-1	0.18	0.20	0.17	0.18	6.57	ppb
Vanadium	51-2	8.76	8.39	8.42	8.52	2.41	ppb
Yttrium	89-1				110		%
Yttrium	89-2				115		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:53:06	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	348.34	340.61	339.45	342.80	1.41	ppb
Zirconium	90-1	1.61	1.65	1.63	1.63	1.20	ppb
Zirconium	91-1	1.69	1.64	1.59	1.64	3.09	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10231.83	10321.78	10166.74	10240.12	0.76	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	18.07	ppb
Arsenic	75-2	4.04	4.00	3.67	3.90	5.24	ppb
Barium	135-1	97.74	98.52	98.17	98.14	0.40	ppb
Barium	137-1	97.72	99.01	99.21	98.65	0.82	ppb
Beryllium	9-1	1.04	0.94	1.10	1.03	8.07	ppb
Bismuth	209-1				101		%
Bismuth	209-2				103		%
Boron	10-1	2.03	2.02	2.05	2.03	0.85	ppb
Boron	11-1	2.09	2.08	2.22	2.13	3.50	ppb
Cadmium	111-1	0.19	0.15	0.05	0.13	57.23	ppb
Cadmium	106-1	1.01	0.43	-0.99	0.15	677.32	ppb
Cadmium	108-1	0.52	0.43	0.72	0.56	26.18	ppb
Calcium	43-1	1603.03	1663.77	1680.31	1649.04	2.47	ppb
Calcium	44-1	1545.42	1573.40	1566.27	1561.70	0.93	ppb
Chromium	52-2	14.18	14.35	14.12	14.22	0.83	ppb
Cobalt	59-2	9.31	9.51	9.22	9.35	1.60	ppb
Copper	63-2	13.20	13.50	13.17	13.29	1.35	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				113		%
Iron	56-2	14754.88	15068.60	14526.38	14783.29	1.84	ppb
Iron	57-2	14580.65	14964.21	14563.25	14702.70	1.54	ppb
Krypton	83-1						cps
Lead	206-1	23.88	23.69	23.92	23.83	0.51	ppb
Lead	207-1	21.73	21.73	21.79	21.75	0.16	ppb
Lead	208-1	23.00	23.01	23.13	23.05	0.31	ppb
Lithium	6-1				100		%
Magnesium	24-2	4125.30	4173.50	4067.75	4122.18	1.28	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	728.47	741.15	726.08	731.90	1.11	ppb
Molybdenum	94-1	5.37	5.61	5.56	5.51	2.34	ppb
Molybdenum	95-1	0.16	0.14	0.16	0.15	6.84	ppb
Molybdenum	96-1	0.91	0.89	0.91	0.91	1.27	ppb
Molybdenum	97-1	0.14	0.11	0.16	0.14	19.18	ppb
Molybdenum	98-1	0.13	0.16	0.12	0.14	17.12	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	20.62	21.79	21.26	21.22	2.76	ppb
Phosphorus	31-2	488.79	497.57	493.27	493.21	0.89	ppb
Potassium	39-2	910.96	912.75	890.07	904.59	1.39	ppb
Rhodium	103-1				106		%
Rhodium	103-2				107		%
Scandium	45-1				110		%
Scandium	45-2				117		%
Selenium	77-2	10.56	9.41	6.88	8.95	21.06	ppb
Selenium	78-2	2.14	1.60	1.74	1.83	15.32	ppb
Selenium	82-1	0.20	0.51	0.31	0.34	46.20	ppb
Silicon	28-1	49.07	53.30	50.51	50.96	4.22	ppb
Silver	109-1	0.07	0.06	0.08	0.07	9.96	ppb
Silver	107-1	0.08	0.08	0.08	0.08	2.56	ppb
Sodium	23-2	140.57	143.89	136.73	140.40	2.55	ppb
Strontium	86-1	10.03	10.35	10.41	10.26	1.99	ppb
Strontium	88-1	10.31	10.24	10.37	10.31	0.65	ppb
Sulfur	34-1	-2341.24	-2439.23	-2471.66	-2417.38		ppb
Terbium	159-1				105		%
Terbium	159-2				107		%
Thallium	203-1	0.14	0.13	0.13	0.13	4.17	ppb
Thallium	205-1	0.12	0.12	0.11	0.12	4.68	ppb
Thorium	232-1	3.42	3.42	3.47	3.44	0.85	ppb
Tin	118-1	0.11	0.08	0.10	0.10	11.77	ppb
Titanium	47-1	24.33	24.48	24.91	24.58	1.22	ppb
Uranium	238-1	0.57	0.59	0.59	0.59	1.92	ppb
Vanadium	51-2	19.89	20.11	19.73	19.91	0.95	ppb
Yttrium	89-1				111		%
Yttrium	89-2				119		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	62.06	63.75	62.66	62.82	1.36	ppb
Zirconium	90-1	3.50	3.54	3.50	3.52	0.61	ppb
Zirconium	91-1	3.62	3.83	3.65	3.70	2.98	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12577.57	12822.19	12712.12	12703.96	0.96	ppb
Antimony	121-1	0.02	0.02	0.02	0.02	13.21	ppb
Arsenic	75-2	4.08	3.78	3.96	3.94	3.81	ppb
Barium	135-1	118.17	112.45	111.78	114.13	3.08	ppb
Barium	137-1	120.39	114.11	115.22	116.57	2.87	ppb
Beryllium	9-1	1.28	1.13	1.14	1.18	6.95	ppb
Bismuth	209-1				100		%
Bismuth	209-2				101		%
Boron	10-1	2.49	2.36	2.41	2.42	2.75	ppb
Boron	11-1	2.79	2.66	2.70	2.72	2.44	ppb
Cadmium	111-1	0.25	0.29	0.12	0.22	42.16	ppb
Cadmium	106-1	1.13	1.67	-0.51	0.76	149.22	ppb
Cadmium	108-1	0.65	0.64	0.78	0.69	11.51	ppb
Calcium	43-1	1708.19	1657.66	1636.81	1667.55	2.20	ppb
Calcium	44-1	1645.40	1570.84	1544.51	1586.92	3.30	ppb
Chromium	52-2	16.46	16.58	16.50	16.51	0.39	ppb
Cobalt	59-2	12.71	12.95	13.04	12.90	1.30	ppb
Copper	63-2	15.03	15.28	15.10	15.14	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				105		%
Indium	115-1				105		%
Indium	115-2				110		%
Iron	56-2	15731.22	15850.02	15522.96	15701.40	1.05	ppb
Iron	57-2	15735.57	15872.07	15816.25	15807.97	0.43	ppb
Krypton	83-1						cps
Lead	206-1	29.39	27.62	27.53	28.18	3.72	ppb
Lead	207-1	26.86	25.55	25.30	25.90	3.23	ppb
Lead	208-1	28.25	26.70	26.66	27.20	3.33	ppb
Lithium	6-1				99		%
Magnesium	24-2	5301.04	5333.53	5308.05	5314.20	0.32	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1113.41	1124.02	1097.13	1111.52	1.22	ppb
Molybdenum	94-1	7.08	6.47	6.45	6.67	5.37	ppb
Molybdenum	95-1	0.17	0.16	0.15	0.16	4.85	ppb
Molybdenum	96-1	1.12	1.10	0.93	1.05	9.92	ppb
Molybdenum	97-1	0.12	0.17	0.16	0.15	18.79	ppb
Molybdenum	98-1	0.16	0.17	0.15	0.16	5.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.34	27.91	27.45	27.57	1.08	ppb
Phosphorus	31-2	595.05	600.90	554.35	583.43	4.35	ppb
Potassium	39-2	1183.63	1186.31	1205.36	1191.77	0.99	ppb
Rhodium	103-1				104		%
Rhodium	103-2				105		%
Scandium	45-1				108		%
Scandium	45-2				114		%
Selenium	77-2	9.73	11.34	8.13	9.73	16.46	ppb
Selenium	78-2	1.92	2.03	1.77	1.91	6.68	ppb
Selenium	82-1	0.03	0.27	0.49	0.27	86.46	ppb
Silicon	28-1	82.22	80.81	76.81	79.95	3.51	ppb
Silver	109-1	0.08	0.06	0.07	0.07	10.24	ppb
Silver	107-1	0.08	0.08	0.08	0.08	3.78	ppb
Sodium	23-2	140.98	143.32	137.55	140.62	2.06	ppb
Strontium	86-1	10.98	10.89	10.59	10.82	1.88	ppb
Strontium	88-1	11.23	10.61	10.45	10.76	3.84	ppb
Sulfur	34-1	-2378.86	-2598.31	-2561.26	-2512.81		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.16	0.16	0.16	0.16	1.91	ppb
Thallium	205-1	0.16	0.15	0.16	0.16	2.66	ppb
Thorium	232-1	3.99	3.83	3.82	3.88	2.46	ppb
Tin	118-1	0.10	0.07	0.09	0.08	15.41	ppb
Titanium	47-1	34.26	32.50	31.97	32.91	3.65	ppb
Uranium	238-1	0.65	0.58	0.58	0.60	6.01	ppb
Vanadium	51-2	20.77	21.00	20.51	20.76	1.17	ppb
Yttrium	89-1				111		%
Yttrium	89-2				117		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	81.50	82.00	80.33	81.27	1.06	ppb
Zirconium	90-1	4.42	4.07	4.14	4.21	4.36	ppb
Zirconium	91-1	4.25	4.26	4.25	4.25	0.08	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51843.04	51228.97	51361.75	51477.92	0.63	ppb
Antimony	121-1	500.21	500.06	497.83	499.36	0.27	ppb
Arsenic	75-2	488.63	487.42	490.19	488.74	0.28	ppb
Barium	135-1	2556.10	2543.97	2521.31	2540.46	0.70	ppb
Barium	137-1	2568.41	2557.04	2530.36	2551.94	0.77	ppb
Beryllium	9-1	539.94	536.69	543.55	540.06	0.64	ppb
Bismuth	209-1				88		%
Bismuth	209-2				87		%
Boron	10-1	545.59	555.26	566.45	555.76	1.88	ppb
Boron	11-1	558.54	566.56	573.68	566.26	1.34	ppb
Cadmium	111-1	470.52	480.37	483.41	478.10	1.41	ppb
Cadmium	106-1	477.70	479.76	488.34	481.94	1.17	ppb
Cadmium	108-1	471.60	475.64	482.96	476.73	1.21	ppb
Calcium	43-1	242797.17	240280.86	244262.66	242446.90	0.83	ppb
Calcium	44-1	240722.59	239781.78	241811.56	240771.98	0.42	ppb
Chromium	52-2	506.48	506.06	506.05	506.19	0.05	ppb
Cobalt	59-2	496.85	489.87	487.70	491.47	0.97	ppb
Copper	63-2	956.74	946.91	939.77	947.81	0.90	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				94		%
Indium	115-2				100		%
Iron	56-2	124957.28	123056.87	122941.54	123651.89	0.92	ppb
Iron	57-2	125122.38	123004.00	123159.57	123761.98	0.95	ppb
Krypton	83-1						cps
Lead	206-1	517.04	516.93	510.67	514.88	0.71	ppb
Lead	207-1	515.88	522.65	514.04	517.53	0.88	ppb
Lead	208-1	515.34	520.22	514.31	516.62	0.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	254452.53	248573.34	249660.82	250895.56	1.25	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1000.42	978.93	982.65	987.34	1.16	ppb
Molybdenum	94-1	2497.54	2497.28	2516.03	2503.61	0.43	ppb
Molybdenum	95-1	2501.72	2502.07	2514.40	2506.06	0.29	ppb
Molybdenum	96-1	2491.68	2502.83	2498.70	2497.74	0.23	ppb
Molybdenum	97-1	2500.78	2497.36	2495.85	2497.99	0.10	ppb
Molybdenum	98-1	2504.49	2487.63	2501.33	2497.82	0.36	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	491.79	494.89	493.83	493.50	0.32	ppb
Phosphorus	31-2	9862.96	9817.45	10064.44	9914.95	1.33	ppb
Potassium	39-2	123084.53	121289.33	121247.16	121873.68	0.86	ppb
Rhodium	103-1				91		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				107		%
Selenium	77-2	476.19	480.60	485.29	480.69	0.95	ppb
Selenium	78-2	482.64	479.12	476.15	479.31	0.68	ppb
Selenium	82-1	451.33	450.50	460.59	454.14	1.23	ppb
Silicon	28-1	517.71	525.48	529.83	524.34	1.17	ppb
Silver	109-1	491.44	485.71	486.42	487.86	0.64	ppb
Silver	107-1	489.14	489.03	483.77	487.31	0.63	ppb
Sodium	23-2	251113.74	248396.03	249293.31	249601.03	0.55	ppb
Strontium	86-1	485.03	494.50	503.19	494.24	1.84	ppb
Strontium	88-1	504.45	503.32	504.48	504.08	0.13	ppb
Sulfur	34-1	9519.84	9502.52	9670.28	9564.22	0.96	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	523.84	521.47	516.05	520.46	0.77	ppb
Thallium	205-1	518.86	523.12	516.03	519.34	0.69	ppb
Thorium	232-1	521.47	520.60	519.37	520.48	0.20	ppb
Tin	118-1	508.88	507.58	505.02	507.16	0.39	ppb
Titanium	47-1	2504.88	2527.86	2514.45	2515.73	0.46	ppb
Uranium	238-1	527.31	521.03	517.59	521.98	0.94	ppb
Vanadium	51-2	506.22	502.40	506.73	505.12	0.47	ppb
Yttrium	89-1				100		%
Yttrium	89-2				106		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	921.65	922.80	922.54	922.33	0.07	ppb
Zirconium	90-1	500.31	502.81	502.73	501.95	0.28	ppb
Zirconium	91-1	476.22	485.05	490.00	483.76	1.44	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 21:22:06 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	0.41	0.57	0.59	31.63	ppb
Antimony	121-1	0.02	0.03	0.03	0.03	15.21	ppb
Arsenic	75-2	-0.02	-0.01	0.02	0.00		ppb
Barium	135-1	0.03	0.02	0.06	0.04	54.70	ppb
Barium	137-1	0.03	0.03	0.03	0.03	9.21	ppb
Beryllium	9-1	0.03	0.01	0.01	0.02	77.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				103		%
Boron	10-1	1.97	1.48	1.30	1.58	21.89	ppb
Boron	11-1	1.71	1.60	1.52	1.61	5.85	ppb
Cadmium	111-1	-0.11	-0.01	-0.07	-0.06		ppb
Cadmium	106-1	-1.32	-0.15	-0.94	-0.80		ppb
Cadmium	108-1	0.01	-0.01	-0.03	-0.01		ppb
Calcium	43-1	6.20	3.05	7.73	5.66	42.11	ppb
Calcium	44-1	5.24	4.61	4.34	4.73	9.80	ppb
Chromium	52-2	-0.03	-0.04	-0.04	-0.04		ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	974.42	ppb
Copper	63-2	0.06	0.06	0.07	0.06	14.33	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				103		%
Holmium	165-2				104		%
Indium	115-1				105		%
Indium	115-2				106		%
Iron	56-2	1.68	1.75	1.67	1.70	2.43	ppb
Iron	57-2	1.37	1.31	1.81	1.50	18.07	ppb
Krypton	83-1						cps
Lead	206-1	0.06	0.05	0.07	0.06	17.33	ppb
Lead	207-1	0.04	0.05	0.05	0.05	13.84	ppb
Lead	208-1	0.05	0.05	0.06	0.05	5.34	ppb
Lithium	6-1				97		%
Magnesium	24-2	3.26	2.93	3.43	3.21	7.94	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 21:22:06 DataFile Name : 048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	0.01	0.02	0.01	26.38	ppb
Molybdenum	94-1	0.09	0.09	0.08	0.09	6.91	ppb
Molybdenum	95-1	0.08	0.06	0.05	0.06	24.08	ppb
Molybdenum	96-1	0.08	0.07	0.05	0.07	19.42	ppb
Molybdenum	97-1	0.09	0.03	0.04	0.06	56.19	ppb
Molybdenum	98-1	0.07	0.07	0.06	0.07	13.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.01	0.02	0.00	9159.50	ppb
Phosphorus	31-2	-13.85	-13.08	-16.42	-14.45		ppb
Potassium	39-2	3.27	4.82	1.61	3.23	49.67	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				106		%
Scandium	45-2				109		%
Selenium	77-2	0.36	0.00	0.35	0.23	86.62	ppb
Selenium	78-2	0.69	0.25	0.40	0.45	50.45	ppb
Selenium	82-1	0.38	-0.09	-0.02	0.09	287.35	ppb
Silicon	28-1	-2.76	-3.23	-2.80	-2.93		ppb
Silver	109-1	0.01	0.01	0.01	0.01	38.38	ppb
Silver	107-1	0.01	0.01	0.01	0.01	14.87	ppb
Sodium	23-2	15.74	15.52	14.04	15.10	6.11	ppb
Strontium	86-1	0.00	0.00	-0.03	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	52.00	ppb
Sulfur	34-1	-520.06	-552.45	-486.13	-519.54		ppb
Terbium	159-1				104		%
Terbium	159-2				104		%
Thallium	203-1	0.01	0.02	0.01	0.01	48.19	ppb
Thallium	205-1	0.01	0.01	0.00	0.01	46.84	ppb
Thorium	232-1	0.01	0.01	0.01	0.01	3.61	ppb
Tin	118-1	0.00	0.00	0.01	0.00	207.72	ppb
Titanium	47-1	0.00	0.07	0.02	0.03	124.75	ppb
Uranium	238-1	0.00	0.00	0.01	0.01	45.66	ppb
Vanadium	51-2	0.00	0.01	0.00	0.00	52.85	ppb
Yttrium	89-1				106		%
Yttrium	89-2				108		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:22:06	DataFile Name :	048CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.38	0.30	0.39	0.36	12.66	ppb
Zirconium	90-1	0.02	0.02	0.02	0.02	9.05	ppb
Zirconium	91-1	0.03	0.01	0.03	0.02	44.05	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12508.72	12408.21	12677.60	12531.51	1.09	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	21.61	ppb
Arsenic	75-2	3.77	3.62	3.96	3.79	4.50	ppb
Barium	135-1	100.87	101.01	103.04	101.64	1.19	ppb
Barium	137-1	103.12	101.78	103.98	102.96	1.08	ppb
Beryllium	9-1	1.04	1.07	1.13	1.08	4.00	ppb
Bismuth	209-1				103		%
Bismuth	209-2				103		%
Boron	10-1	2.14	2.11	1.89	2.05	6.58	ppb
Boron	11-1	2.23	2.36	2.56	2.38	6.89	ppb
Cadmium	111-1	0.18	0.08	0.15	0.14	38.31	ppb
Cadmium	106-1	0.98	-0.30	0.48	0.39	166.01	ppb
Cadmium	108-1	0.80	0.79	0.83	0.81	2.41	ppb
Calcium	43-1	1320.28	1307.65	1310.86	1312.93	0.50	ppb
Calcium	44-1	1242.25	1256.14	1246.19	1248.19	0.57	ppb
Chromium	52-2	16.30	16.43	16.76	16.50	1.45	ppb
Cobalt	59-2	12.56	12.34	12.39	12.43	0.93	ppb
Copper	63-2	13.88	13.77	14.08	13.91	1.15	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				106		%
Indium	115-1				106		%
Indium	115-2				109		%
Iron	56-2	15845.52	15682.36	15659.08	15728.99	0.65	ppb
Iron	57-2	15406.00	15513.06	15433.26	15450.77	0.36	ppb
Krypton	83-1						cps
Lead	206-1	19.79	20.04	20.32	20.05	1.32	ppb
Lead	207-1	17.98	18.25	18.53	18.25	1.49	ppb
Lead	208-1	19.03	19.24	19.49	19.26	1.19	ppb
Lithium	6-1				101		%
Magnesium	24-2	5459.24	5399.50	5442.08	5433.61	0.57	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	789.52	793.77	806.56	796.62	1.11	ppb
Molybdenum	94-1	7.35	7.44	7.44	7.41	0.74	ppb
Molybdenum	95-1	0.21	0.15	0.17	0.18	16.16	ppb
Molybdenum	96-1	1.17	1.12	1.22	1.17	4.08	ppb
Molybdenum	97-1	0.16	0.14	0.20	0.17	17.82	ppb
Molybdenum	98-1	0.17	0.17	0.19	0.18	7.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	27.68	27.91	28.42	28.00	1.35	ppb
Phosphorus	31-2	580.56	585.02	637.07	600.88	5.23	ppb
Potassium	39-2	1359.13	1374.16	1368.64	1367.31	0.56	ppb
Rhodium	103-1				106		%
Rhodium	103-2				106		%
Scandium	45-1				110		%
Scandium	45-2				114		%
Selenium	77-2	15.86	11.02	13.81	13.57	17.93	ppb
Selenium	78-2	1.61	1.44	2.58	1.88	32.87	ppb
Selenium	82-1	0.50	0.33	0.36	0.40	21.87	ppb
Silicon	28-1	64.71	65.82	64.11	64.88	1.34	ppb
Silver	109-1	0.08	0.08	0.05	0.07	20.84	ppb
Silver	107-1	0.05	0.08	0.08	0.07	21.46	ppb
Sodium	23-2	142.88	143.84	141.20	142.64	0.93	ppb
Strontium	86-1	7.35	7.18	7.34	7.29	1.33	ppb
Strontium	88-1	7.19	7.16	7.46	7.27	2.30	ppb
Sulfur	34-1	-1338.31	-1505.66	-1611.49	-1485.15		ppb
Terbium	159-1				106		%
Terbium	159-2				106		%
Thallium	203-1	0.15	0.12	0.16	0.14	12.01	ppb
Thallium	205-1	0.14	0.15	0.13	0.14	5.39	ppb
Thorium	232-1	3.69	3.69	3.73	3.70	0.65	ppb
Tin	118-1	0.05	0.04	0.06	0.05	13.15	ppb
Titanium	47-1	24.77	23.93	24.69	24.47	1.89	ppb
Uranium	238-1	0.75	0.77	0.74	0.75	2.06	ppb
Vanadium	51-2	18.77	18.82	19.04	18.88	0.77	ppb
Yttrium	89-1				112		%
Yttrium	89-2				117		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	79.15	79.18	78.87	79.07	0.21	ppb
Zirconium	90-1	4.73	4.78	4.77	4.76	0.53	ppb
Zirconium	91-1	4.99	4.95	4.88	4.94	1.12	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51784.87	51593.40	51642.53	51673.60	0.19	ppb
Antimony	121-1	494.69	505.58	509.48	503.25	1.52	ppb
Arsenic	75-2	488.14	493.53	494.59	492.09	0.70	ppb
Barium	135-1	2509.02	2567.20	2562.82	2546.34	1.27	ppb
Barium	137-1	2518.74	2560.91	2576.26	2551.97	1.17	ppb
Beryllium	9-1	540.92	547.83	559.34	549.36	1.69	ppb
Bismuth	209-1				87		%
Bismuth	209-2				87		%
Boron	10-1	549.31	563.46	569.02	560.60	1.81	ppb
Boron	11-1	555.97	573.68	582.81	570.82	2.39	ppb
Cadmium	111-1	478.11	485.91	493.84	485.95	1.62	ppb
Cadmium	106-1	476.61	490.68	498.62	488.64	2.28	ppb
Cadmium	108-1	473.04	486.22	500.08	486.44	2.78	ppb
Calcium	43-1	240645.99	242084.54	242254.18	241661.57	0.37	ppb
Calcium	44-1	239526.31	240096.28	240565.90	240062.83	0.22	ppb
Chromium	52-2	499.90	508.60	508.48	505.66	0.99	ppb
Cobalt	59-2	490.77	488.52	491.80	490.36	0.34	ppb
Copper	63-2	947.45	944.53	950.80	947.60	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				100		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				101		%
Iron	56-2	122682.43	122844.58	123373.87	122966.96	0.29	ppb
Iron	57-2	123402.32	122859.96	122760.38	123007.55	0.28	ppb
Krypton	83-1						cps
Lead	206-1	514.44	515.53	517.47	515.82	0.30	ppb
Lead	207-1	517.22	515.14	522.06	518.14	0.69	ppb
Lead	208-1	514.64	514.72	520.16	516.51	0.61	ppb
Lithium	6-1				90		%
Magnesium	24-2	251176.81	253014.18	249628.80	251273.27	0.67	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	985.72	983.26	993.52	987.50	0.54	ppb
Molybdenum	94-1	2507.01	2535.33	2554.40	2532.25	0.94	ppb
Molybdenum	95-1	2518.22	2538.81	2547.87	2534.97	0.60	ppb
Molybdenum	96-1	2502.30	2537.80	2536.16	2525.42	0.79	ppb
Molybdenum	97-1	2488.00	2525.28	2527.57	2513.62	0.88	ppb
Molybdenum	98-1	2481.94	2508.97	2525.53	2505.48	0.88	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	484.11	493.31	496.04	491.15	1.27	ppb
Phosphorus	31-2	10029.24	9937.76	9979.96	9982.32	0.46	ppb
Potassium	39-2	121443.07	121662.94	121378.04	121494.69	0.12	ppb
Rhodium	103-1				90		%
Rhodium	103-2				90		%
Scandium	45-1				101		%
Scandium	45-2				108		%
Selenium	77-2	466.25	480.77	502.58	483.20	3.78	ppb
Selenium	78-2	469.37	480.84	487.71	479.30	1.93	ppb
Selenium	82-1	459.20	467.58	471.67	466.15	1.36	ppb
Silicon	28-1	516.14	522.52	531.16	523.27	1.44	ppb
Silver	109-1	489.68	489.19	493.19	490.69	0.44	ppb
Silver	107-1	488.39	493.10	494.92	492.14	0.68	ppb
Sodium	23-2	248124.63	248735.96	250921.01	249260.53	0.59	ppb
Strontium	86-1	490.25	501.84	503.94	498.68	1.48	ppb
Strontium	88-1	500.61	508.70	508.42	505.91	0.91	ppb
Sulfur	34-1	9740.12	9800.91	9888.03	9809.69	0.76	ppb
Terbium	159-1				99		%
Terbium	159-2				99		%
Thallium	203-1	512.11	520.61	524.63	519.12	1.23	ppb
Thallium	205-1	512.79	519.24	524.13	518.72	1.10	ppb
Thorium	232-1	517.64	523.51	525.11	522.09	0.75	ppb
Tin	118-1	505.19	514.07	515.48	511.58	1.09	ppb
Titanium	47-1	2510.12	2541.98	2537.01	2529.70	0.68	ppb
Uranium	238-1	516.50	521.06	526.85	521.47	1.00	ppb
Vanadium	51-2	498.46	507.04	508.62	504.71	1.08	ppb
Yttrium	89-1				99		%
Yttrium	89-2				108		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	913.40	930.88	941.68	928.65	1.54	ppb
Zirconium	90-1	501.35	508.67	510.84	506.95	0.98	ppb
Zirconium	91-1	482.81	494.56	498.81	492.06	1.68	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 21:56:46 DataFile Name : 051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.04	-0.46	-0.04	-0.18		ppb
Antimony	121-1	0.02	0.02	0.01	0.02	25.42	ppb
Arsenic	75-2	-0.01	-0.01	-0.01	-0.01		ppb
Barium	135-1	0.02	0.02	0.03	0.02	35.08	ppb
Barium	137-1	0.01	0.01	0.01	0.01	12.25	ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	53.01	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	1.61	2.01	2.13	1.92	14.16	ppb
Boron	11-1	2.05	1.74	1.91	1.90	8.31	ppb
Cadmium	111-1	-0.04	-0.10	-0.13	-0.09		ppb
Cadmium	106-1	-0.51	-1.29	-1.57	-1.12		ppb
Cadmium	108-1	-0.01	0.02	-0.03	-0.01		ppb
Calcium	43-1	-0.61	0.76	0.53	0.23	320.36	ppb
Calcium	44-1	1.33	1.40	0.48	1.07	47.55	ppb
Chromium	52-2	0.00	-0.05	-0.02	-0.02		ppb
Cobalt	59-2	-0.01	-0.01	0.00	0.00		ppb
Copper	63-2	0.02	0.00	0.01	0.01	106.58	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				102		%
Holmium	165-2				102		%
Indium	115-1				104		%
Indium	115-2				103		%
Iron	56-2	0.60	0.60	0.61	0.60	1.64	ppb
Iron	57-2	-0.35	0.23	0.80	0.23	254.98	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.02	0.02	14.59	ppb
Lead	207-1	0.03	0.03	0.02	0.03	19.83	ppb
Lead	208-1	0.02	0.03	0.02	0.02	11.54	ppb
Lithium	6-1				95		%
Magnesium	24-2	1.09	1.15	1.32	1.19	10.20	ppb

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB44 Instrumnet Name : P7
 Client Sample ID : CCB44 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 21:56:46 DataFile Name : 051CCBE.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	0.02	0.04	0.03	0.03	37.07	ppb
Molybdenum	95-1	0.04	0.03	0.07	0.05	45.92	ppb
Molybdenum	96-1	0.04	0.03	0.02	0.03	32.56	ppb
Molybdenum	97-1	0.08	0.03	0.03	0.05	62.35	ppb
Molybdenum	98-1	0.06	0.05	0.04	0.05	15.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.02	-0.02		ppb
Phosphorus	31-2	-9.65	-10.62	-14.88	-11.72		ppb
Potassium	39-2	6.69	6.38	6.83	6.63	3.45	ppb
Rhodium	103-1				104		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				107		%
Selenium	77-2	0.00	0.00	0.36	0.12	173.21	ppb
Selenium	78-2	-0.12	1.40	-0.13	0.39	227.45	ppb
Selenium	82-1	-0.04	-0.27	-0.06	-0.13		ppb
Silicon	28-1	-1.55	-1.28	-1.34	-1.39		ppb
Silver	109-1	0.01	0.01	0.01	0.01	30.27	ppb
Silver	107-1	0.01	0.01	0.01	0.01	16.16	ppb
Sodium	23-2	18.78	17.49	17.99	18.08	3.60	ppb
Strontium	86-1	-0.01	-0.01	0.01	0.00		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-505.03	-415.65	-420.17	-446.95		ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	0.00	0.01	0.00	0.00	53.05	ppb
Thallium	205-1	0.01	0.00	0.00	0.00	212.43	ppb
Thorium	232-1	0.01	0.00	0.00	0.01	51.41	ppb
Tin	118-1	0.00	0.00	0.00	0.00	33.21	ppb
Titanium	47-1	0.00	0.00	0.02	0.01	140.74	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	48.34	ppb
Vanadium	51-2	0.00	0.00	0.00	0.00	98.89	ppb
Yttrium	89-1				104		%
Yttrium	89-2				105		%

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:56:46	DataFile Name :	051CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zinc	66-2	0.01	-0.06	-0.06	-0.04		ppb
Zirconium	90-1	0.01	0.02	0.02	0.01	45.97	ppb
Zirconium	91-1	0.03	0.00	0.01	0.01	143.45	ppb

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	125	83	92	32.78	cps
Antimony	121-1	108	92	108	103	9.36	cps
Arsenic	75-2	7	7	11	9	24.71	cps
Barium	135-1	8	0	17	8	100.02	cps
Barium	137-1	25	33	33	31	15.74	cps
Beryllium	9-1	6	28	44	26	75.24	cps
Bismuth	209-1	3955315	3946404	3930814	3944178	0.31	cps
Bismuth	209-2	1982294	1975104	1984017	1980472	0.24	cps
Boron	10-1	583	650	542	592	9.24	cps
Boron	11-1	2634	2867	2609	2703	5.27	cps
Cadmium	111-1	1944	2020	1992	1985	1.93	cps
Cadmium	106-1	2775	2892	2859	2842	2.11	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	192	175	150	172	12.18	cps
Calcium	44-1	9804	9904	10621	10110	4.41	cps
Chromium	52-2	633	567	580	593	5.95	cps
Cobalt	59-2	37	73	67	59	33.16	cps
Copper	63-2	203	200	213	206	3.37	cps
Dysprosium	156-1	8	0	8	6	86.60	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	17	8	17	50.01	cps
Erbium	164-2	3	0	3	2	86.60	cps
Gadolinium	160-1	42	58	75	58	28.57	cps
Gadolinium	160-2	87	87	120	98	19.68	cps
Holmium	165-1	6428739	6378943	6449857	6419179	0.57	cps
Holmium	165-2	3203347	3206929	3192151	3200809	0.24	cps
Indium	115-1	5149009	5184269	5169409	5167562	0.34	cps
Indium	115-2	969036	984225	985790	979683	0.94	cps
Iron	56-2	4907	5051	4612	4856	4.61	cps
Iron	57-2	167	172	211	183	13.21	cps
Krypton	83-1	343	323	240	302	18.13	cps
Lead	206-1	50	117	172	113	54.17	cps
Lead	207-1	117	128	72	106	27.85	cps
Lead	208-1	361	489	478	443	15.99	cps
Lithium	6-1	2892824	2900189	2899812	2897608	0.14	cps
Magnesium	24-2	142	167	158	156	8.18	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	63	57	67	18.03	cps
Molybdenum	94-1	183	275	175	211	26.28	cps
Molybdenum	95-1	50	67	42	53	24.12	cps
Molybdenum	96-1	117	133	158	136	15.41	cps
Molybdenum	97-1	50	83	25	53	55.46	cps
Molybdenum	98-1	33	125	92	83	55.68	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	37	60	43	47	25.75	cps
Phosphorus	31-2	283	250	142	225	32.92	cps
Potassium	39-2	22092	21208	21374	21558	2.18	cps
Rhodium	103-1	5207898	5250150	5222517	5226855	0.41	cps
Rhodium	103-2	2390849	2396894	2398285	2395342	0.17	cps
Scandium	45-1	4734045	4727430	4738804	4733427	0.12	cps
Scandium	45-2	216166	219988	218152	218102	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	37	65	46	49	28.64	cps
Selenium	82-1	-14	4	80	23	213.25	cps
Silicon	28-1	241081	239146	238807	239678	0.51	cps
Silver	109-1	42	50	58	50	16.67	cps
Silver	107-1	75	67	42	61	28.38	cps
Sodium	23-2	13031	12739	12989	12920	1.22	cps
Strontium	86-1	525	525	533	528	0.91	cps
Strontium	88-1	175	250	175	200	21.65	cps
Sulfur	34-1	486879	484731	491623	487744	0.72	cps
Terbium	159-1	6677228	6674974	6692712	6681638	0.14	cps
Terbium	159-2	3247144	3258639	3241702	3249162	0.27	cps
Thallium	203-1	17	25	8	17	50.01	cps
Thallium	205-1	92	108	100	100	8.33	cps
Thorium	232-1	178	217	83	159	43.05	cps
Tin	118-1	558	475	450	494	11.47	cps
Titanium	47-1	67	75	42	61	28.38	cps
Uranium	238-1	25	42	17	28	45.82	cps
Vanadium	51-2	3	13	3	7	86.65	cps
Yttrium	89-1	6143262	6124990	6116946	6128399	0.22	cps
Yttrium	89-2	877033	884820	885011	882288	0.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P7
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:23:03	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	753	723	640	706	8.32	cps
Zirconium	90-1	417	458	533	469	12.59	cps
Zirconium	91-1	75	92	100	89	14.32	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2825	2425	2559	2603	7.83	cps
Antimony	121-1	15225	15359	14958	15181	1.34	cps
Arsenic	75-2	339	304	341	328	6.37	cps
Barium	135-1	18513	18763	18421	18566	0.95	cps
Barium	137-1	32388	32079	33683	32717	2.60	cps
Beryllium	9-1	3806	3656	3873	3778	2.94	cps
Bismuth	209-1	3809278	3806059	3833240	3816192	0.39	cps
Bismuth	209-2	1929376	1932115	1926891	1929461	0.14	cps
Boron	10-1	16685	16660	16685	16676	0.09	cps
Boron	11-1	72901	74057	75498	74152	1.75	cps
Cadmium	111-1	4287	4387	4116	4263	3.21	cps
Cadmium	106-1	3276	3259	2975	3170	5.32	cps
Cadmium	108-1	175	171	179	175	2.38	cps
Calcium	43-1	16994	17044	16576	16871	1.52	cps
Calcium	44-1	280546	276259	279366	278724	0.79	cps
Chromium	52-2	7952	8132	8116	8067	1.23	cps
Cobalt	59-2	4934	5401	5118	5151	4.57	cps
Copper	63-2	7222	7082	7262	7189	1.32	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	17	7	10	11	45.82	cps
Gadolinium	160-1	17	67	75	53	59.77	cps
Gadolinium	160-2	157	80	127	121	31.90	cps
Holmium	165-1	6264348	6274166	6298840	6279118	0.28	cps
Holmium	165-2	3149886	3149824	3126509	3142073	0.43	cps
Indium	115-1	4992229	4958134	5014249	4988204	0.57	cps
Indium	115-2	999591	1007676	1011138	1006135	0.59	cps
Iron	56-2	144615	144548	146950	145371	0.94	cps
Iron	57-2	3512	3584	3956	3684	6.48	cps
Krypton	83-1	363	337	307	336	8.45	cps
Lead	206-1	5757	6002	6090	5950	2.90	cps
Lead	207-1	5296	5318	5601	5405	3.15	cps
Lead	208-1	24120	24037	24560	24239	1.16	cps
Lithium	6-1	3151708	3145096	3189860	3162221	0.76	cps
Magnesium	24-2	163566	163415	160879	162620	0.93	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2060	1957	1997	2005	2.60	cps
Molybdenum	94-1	18771	18404	18905	18693	1.39	cps
Molybdenum	95-1	23729	23587	23487	23601	0.51	cps
Molybdenum	96-1	25081	25841	25565	25496	1.51	cps
Molybdenum	97-1	14366	14742	14366	14491	1.50	cps
Molybdenum	98-1	36707	36648	37450	36935	1.21	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1487	1473	1390	1450	3.61	cps
Phosphorus	31-2	283	275	242	267	8.27	cps
Potassium	39-2	153706	151618	154116	153147	0.87	cps
Rhodium	103-1	5040148	5080611	5090501	5070420	0.53	cps
Rhodium	103-2	2330367	2326121	2330565	2329018	0.11	cps
Scandium	45-1	4626448	4623627	4633139	4627738	0.11	cps
Scandium	45-2	221726	221803	223230	222253	0.38	cps
Selenium	77-2	37	27	53	39	34.63	cps
Selenium	78-2	206	204	226	212	5.82	cps
Selenium	82-1	981	1029	1017	1009	2.46	cps
Silicon	28-1	377072	377071	378608	377583	0.23	cps
Silver	109-1	10538	9946	10396	10293	3.00	cps
Silver	107-1	10454	10563	11021	10679	2.82	cps
Sodium	23-2	331388	332109	337815	333771	1.05	cps
Strontium	86-1	3267	3792	3242	3434	9.05	cps
Strontium	88-1	25532	24864	25432	25276	1.42	cps
Sulfur	34-1	503954	500701	497508	500721	0.64	cps
Terbium	159-1	6453719	6440363	6487118	6460400	0.37	cps
Terbium	159-2	3185682	3185003	3183528	3184738	0.03	cps
Thallium	203-1	6619	7069	7127	6938	4.01	cps
Thallium	205-1	16286	16853	17028	16722	2.32	cps
Thorium	232-1	25592	25242	26071	25635	1.62	cps
Tin	118-1	32288	32188	33257	32577	1.81	cps
Titanium	47-1	8219	8169	8203	8197	0.31	cps
Uranium	238-1	25760	26119	25543	25807	1.13	cps
Vanadium	51-2	13583	14060	13833	13826	1.73	cps
Yttrium	89-1	5950495	5914791	5924493	5929926	0.31	cps
Yttrium	89-2	896520	906443	902716	901893	0.56	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P7
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:31:13	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1813	1817	1800	1810	0.49	cps
Zirconium	90-1	16610	16886	16627	16707	0.92	cps
Zirconium	91-1	4126	4042	3942	4037	2.27	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	138797	137644	135618	137353	1.17	cps
Antimony	121-1	388549	390286	390109	389648	0.25	cps
Arsenic	75-2	16786	16969	16189	16648	2.45	cps
Barium	135-1	493476	491290	491642	492136	0.24	cps
Barium	137-1	830294	835868	842455	836206	0.73	cps
Beryllium	9-1	192043	193055	192746	192615	0.27	cps
Bismuth	209-1	3842781	3802785	3789603	3811723	0.73	cps
Bismuth	209-2	1912645	1900044	1893493	1902061	0.51	cps
Boron	10-1	33112	33404	35192	33903	3.32	cps
Boron	11-1	151021	152378	158075	153825	2.43	cps
Cadmium	111-1	119635	120518	119207	119787	0.56	cps
Cadmium	106-1	16435	16068	15609	16037	2.58	cps
Cadmium	108-1	9191	9145	9270	9202	0.69	cps
Calcium	43-1	183178	180329	184552	182686	1.18	cps
Calcium	44-1	2835458	2828515	2817075	2827016	0.33	cps
Chromium	52-2	177895	175645	170280	174607	2.24	cps
Cobalt	59-2	261496	260607	253482	258528	1.70	cps
Copper	63-2	351979	347783	342007	347256	1.44	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	3	10	10	8	49.52	cps
Erbium	164-1	17	25	25	22	21.64	cps
Erbium	164-2	7	7	13	9	43.25	cps
Gadolinium	160-1	75	83	75	78	6.19	cps
Gadolinium	160-2	87	143	120	117	24.41	cps
Holmium	165-1	6313840	6269712	6208038	6263863	0.85	cps
Holmium	165-2	3128225	3119766	3098475	3115489	0.49	cps
Indium	115-1	4972339	4965372	4943632	4960448	0.30	cps
Indium	115-2	1032294	1021617	1018759	1024223	0.70	cps
Iron	56-2	6930561	6887073	6661085	6826239	2.12	cps
Iron	57-2	176435	174514	168696	173215	2.33	cps
Krypton	83-1	317	370	367	351	8.51	cps
Lead	206-1	300655	300618	299827	300366	0.16	cps
Lead	207-1	273027	271288	273671	272662	0.45	cps
Lead	208-1	1221041	1215538	1217587	1218055	0.23	cps
Lithium	6-1	3133423	3107165	3111025	3117204	0.45	cps
Magnesium	24-2	1641614	1623848	1586200	1617221	1.75	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	203044	200993	196179	200072	1.76	cps
Molybdenum	94-1	950876	948939	956659	952158	0.42	cps
Molybdenum	95-1	1164913	1160464	1152024	1159134	0.56	cps
Molybdenum	96-1	1274030	1266852	1272062	1270981	0.29	cps
Molybdenum	97-1	722158	722617	726749	723841	0.35	cps
Molybdenum	98-1	1819154	1814719	1833678	1822517	0.54	cps
Neodymium	150-1	40	47	27	38	26.95	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	69403	69179	66758	68447	2.14	cps
Phosphorus	31-2	8319	8203	7727	8083	3.88	cps
Potassium	39-2	698346	691605	678309	689420	1.48	cps
Rhodium	103-1	4983045	4981993	5037965	5001001	0.64	cps
Rhodium	103-2	2290286	2294671	2268008	2284322	0.63	cps
Scandium	45-1	4596098	4612177	4604626	4604300	0.17	cps
Scandium	45-2	223705	222989	222558	223084	0.26	cps
Selenium	77-2	430	407	427	421	3.00	cps
Selenium	78-2	1706	1609	1743	1686	4.08	cps
Selenium	82-1	10350	10302	10576	10409	1.40	cps
Silicon	28-1	748448	748952	754887	750762	0.48	cps
Silver	109-1	525493	523760	524657	524637	0.17	cps
Silver	107-1	545529	543004	547433	545322	0.41	cps
Sodium	23-2	3301304	3278279	3225335	3268306	1.19	cps
Strontium	86-1	150952	149924	152217	151031	0.76	cps
Strontium	88-1	1252289	1266695	1264402	1261129	0.61	cps
Sulfur	34-1	567382	562442	564156	564660	0.44	cps
Terbium	159-1	6529559	6447029	6521746	6499445	0.70	cps
Terbium	159-2	3157391	3155018	3135073	3149161	0.39	cps
Thallium	203-1	363613	359383	358731	360576	0.74	cps
Thallium	205-1	859753	860843	858560	859719	0.13	cps
Thorium	232-1	1314307	1312519	1306458	1311095	0.31	cps
Tin	118-1	335189	340332	337745	337755	0.76	cps
Titanium	47-1	407512	407445	407630	407529	0.02	cps
Uranium	238-1	1283830	1288659	1287788	1286759	0.20	cps
Vanadium	51-2	143284	142655	138203	141380	1.96	cps
Yttrium	89-1	5890755	5887496	5885171	5887807	0.05	cps
Yttrium	89-2	918716	914765	913358	915613	0.30	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P7
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:35:14	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	55783	54970	54531	55095	1.15	cps
Zirconium	90-1	801498	803114	802038	802216	0.10	cps
Zirconium	91-1	180625	181698	178473	180266	0.91	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	330363	335848	334458	333556	0.85	cps
Antimony	121-1	947621	954658	947135	949805	0.44	cps
Arsenic	75-2	40196	40386	40549	40377	0.44	cps
Barium	135-1	1193516	1189752	1196587	1193285	0.29	cps
Barium	137-1	1990194	1987399	1973561	1983718	0.45	cps
Beryllium	9-1	466864	464817	466175	465952	0.22	cps
Bismuth	209-1	3755047	3753864	3800482	3769798	0.71	cps
Bismuth	209-2	1867611	1876927	1867779	1870772	0.28	cps
Boron	10-1	84628	83841	84310	84259	0.47	cps
Boron	11-1	376302	376038	375652	375997	0.09	cps
Cadmium	111-1	290818	290507	288381	289902	0.46	cps
Cadmium	106-1	35128	34760	34844	34911	0.55	cps
Cadmium	108-1	21600	22101	22568	22090	2.19	cps
Calcium	43-1	440940	442725	438650	440772	0.46	cps
Calcium	44-1	6917106	6881173	6801156	6866478	0.86	cps
Chromium	52-2	422022	425703	425928	424551	0.52	cps
Cobalt	59-2	619592	626431	623892	623305	0.55	cps
Copper	63-2	828015	833394	831928	831112	0.33	cps
Dysprosium	156-1	33	33	42	36	13.33	cps
Dysprosium	156-2	37	17	13	22	56.80	cps
Erbium	164-1	8	8	42	19	99.00	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	75	42	33	50	44.10	cps
Gadolinium	160-2	123	70	110	101	27.45	cps
Holmium	165-1	6234004	6260606	6206321	6233644	0.44	cps
Holmium	165-2	3123849	3097247	3076949	3099348	0.76	cps
Indium	115-1	4846284	4883513	4849072	4859623	0.43	cps
Indium	115-2	993358	1005158	1000988	999835	0.60	cps
Iron	56-2	16671168	16791740	16724999	16729303	0.36	cps
Iron	57-2	415160	423259	423127	420515	1.10	cps
Krypton	83-1	343	387	393	374	7.25	cps
Lead	206-1	730936	738313	728384	732545	0.70	cps
Lead	207-1	672694	675312	671023	673010	0.32	cps
Lead	208-1	2958139	2970580	2976782	2968500	0.32	cps
Lithium	6-1	3046719	3069734	3043186	3053213	0.47	cps
Magnesium	24-2	3898317	3910098	3927027	3911814	0.37	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	482926	487969	486778	485891	0.54	cps
Molybdenum	94-1	2277599	2276593	2268534	2274242	0.22	cps
Molybdenum	95-1	2771532	2756291	2766666	2764829	0.28	cps
Molybdenum	96-1	3033643	3022410	3024581	3026878	0.20	cps
Molybdenum	97-1	1709662	1716457	1706750	1710956	0.29	cps
Molybdenum	98-1	4350316	4334883	4308972	4331390	0.48	cps
Neodymium	150-1	120	80	113	104	20.52	cps
Neodymium	150-2	10	7	17	11	45.82	cps
Nickel	60-2	164601	164965	165124	164897	0.16	cps
Phosphorus	31-2	19497	19597	19380	19491	0.56	cps
Potassium	39-2	1608290	1625080	1616003	1616457	0.52	cps
Rhodium	103-1	4887973	4891945	4871979	4883966	0.22	cps
Rhodium	103-2	2230199	2229046	2225375	2228207	0.11	cps
Scandium	45-1	4521907	4519354	4488112	4509791	0.42	cps
Scandium	45-2	218946	219824	219202	219324	0.21	cps
Selenium	77-2	1040	1210	1297	1182	11.05	cps
Selenium	78-2	3989	4097	4034	4040	1.34	cps
Selenium	82-1	25386	25629	25138	25384	0.97	cps
Silicon	28-1	1397765	1401507	1393519	1397597	0.29	cps
Silver	109-1	1251119	1251763	1248824	1250569	0.12	cps
Silver	107-1	1302461	1298807	1306027	1302432	0.28	cps
Sodium	23-2	7997105	8014215	8041085	8017468	0.28	cps
Strontium	86-1	370255	372028	368620	370301	0.46	cps
Strontium	88-1	3001638	2995940	2987671	2995083	0.23	cps
Sulfur	34-1	642429	639554	640879	640954	0.22	cps
Terbium	159-1	6449169	6464865	6437637	6450557	0.21	cps
Terbium	159-2	3134400	3130516	3129079	3131332	0.09	cps
Thallium	203-1	894929	895128	894021	894693	0.07	cps
Thallium	205-1	2036196	2051479	2041593	2043089	0.38	cps
Thorium	232-1	3151985	3160746	3187238	3166657	0.58	cps
Tin	118-1	812759	825118	818393	818757	0.76	cps
Titanium	47-1	986562	980760	979873	982398	0.37	cps
Uranium	238-1	3094370	3071712	3101456	3089179	0.50	cps
Vanadium	51-2	341723	344247	342871	342947	0.37	cps
Yttrium	89-1	5805033	5785661	5765982	5785559	0.34	cps
Yttrium	89-2	892718	901931	900349	898333	0.55	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P7
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:39:42	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	131836	133278	132669	132594	0.55	cps
Zirconium	90-1	1919322	1915258	1905956	1913512	0.36	cps
Zirconium	91-1	438276	435510	435985	436590	0.34	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	658252	650726	654962	654646	0.58	cps
Antimony	121-1	1835443	1839260	1845151	1839951	0.27	cps
Arsenic	75-2	80311	80350	80374	80345	0.04	cps
Barium	135-1	2300675	2304192	2313287	2306051	0.28	cps
Barium	137-1	3913715	3922903	3924429	3920349	0.15	cps
Beryllium	9-1	892234	895220	895140	894198	0.19	cps
Bismuth	209-1	3710549	3685211	3666183	3687314	0.60	cps
Bismuth	209-2	1848578	1816781	1832001	1832454	0.87	cps
Boron	10-1	160081	162042	163146	161756	0.96	cps
Boron	11-1	719218	726621	739951	728596	1.44	cps
Cadmium	111-1	549621	546658	551451	549243	0.44	cps
Cadmium	106-1	64564	64456	63618	64213	0.81	cps
Cadmium	108-1	42138	42418	42765	42440	0.74	cps
Calcium	43-1	849845	839099	849133	846026	0.71	cps
Calcium	44-1	13567465	13426881	13444965	13479770	0.57	cps
Chromium	52-2	819520	820352	825690	821854	0.41	cps
Cobalt	59-2	1204654	1211073	1214977	1210235	0.43	cps
Copper	63-2	1597644	1594412	1599080	1597045	0.15	cps
Dysprosium	156-1	17	50	33	33	50.00	cps
Dysprosium	156-2	30	63	33	42	43.48	cps
Erbium	164-1	33	8	25	22	57.29	cps
Erbium	164-2	10	10	17	12	31.50	cps
Gadolinium	160-1	67	67	33	56	34.65	cps
Gadolinium	160-2	120	137	120	126	7.67	cps
Holmium	165-1	6224085	6232571	6195934	6217530	0.31	cps
Holmium	165-2	3124273	3056444	3055968	3078895	1.28	cps
Indium	115-1	4763082	4711617	4748887	4741195	0.56	cps
Indium	115-2	974905	973678	982771	977118	0.50	cps
Iron	56-2	33129792	32979269	32889394	32999485	0.37	cps
Iron	57-2	815708	818358	818977	817681	0.21	cps
Krypton	83-1	303	307	243	284	12.53	cps
Lead	206-1	1375707	1383049	1398833	1385863	0.85	cps
Lead	207-1	1278677	1285831	1293298	1285935	0.57	cps
Lead	208-1	5660150	5656723	5686886	5667920	0.29	cps
Lithium	6-1	2967742	2953602	2965010	2962118	0.25	cps
Magnesium	24-2	7870000	7734789	7773250	7792680	0.89	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	941131	945088	952750	946323	0.62	cps
Molybdenum	94-1	4512273	4464278	4482128	4486226	0.54	cps
Molybdenum	95-1	5463354	5452467	5453906	5456575	0.11	cps
Molybdenum	96-1	5986878	5967772	5963166	5972605	0.21	cps
Molybdenum	97-1	3444300	3410819	3423750	3426290	0.49	cps
Molybdenum	98-1	8579650	8589803	8535828	8568427	0.33	cps
Neodymium	150-1	167	153	307	209	40.66	cps
Neodymium	150-2	20	20	30	23	24.74	cps
Nickel	60-2	321601	321791	323467	322287	0.32	cps
Phosphorus	31-2	38801	38442	38676	38640	0.47	cps
Potassium	39-2	3171273	3128076	3156269	3151873	0.70	cps
Rhodium	103-1	4750378	4738649	4735368	4741465	0.17	cps
Rhodium	103-2	2174977	2149734	2181501	2168737	0.77	cps
Scandium	45-1	4436573	4400670	4394456	4410566	0.52	cps
Scandium	45-2	216347	213590	216819	215585	0.81	cps
Selenium	77-2	2394	2377	2447	2406	1.52	cps
Selenium	78-2	7761	8021	7999	7927	1.81	cps
Selenium	82-1	48599	49636	48574	48936	1.24	cps
Silicon	28-1	2417789	2457324	2461656	2445590	0.99	cps
Silver	109-1	2384891	2365465	2396660	2382339	0.66	cps
Silver	107-1	2514677	2501818	2486074	2500856	0.57	cps
Sodium	23-2	16000364	15750978	15844153	15865165	0.79	cps
Strontium	86-1	707655	710328	717575	711853	0.72	cps
Strontium	88-1	5891002	5903861	5832816	5875893	0.64	cps
Sulfur	34-1	768499	767490	770496	768828	0.20	cps
Terbium	159-1	6412930	6356254	6398652	6389279	0.46	cps
Terbium	159-2	3111707	3064479	3097812	3091333	0.79	cps
Thallium	203-1	1743266	1766730	1746678	1752225	0.72	cps
Thallium	205-1	4036930	4061493	4048819	4049081	0.30	cps
Thorium	232-1	6432431	6364936	6389962	6395776	0.53	cps
Tin	118-1	1547279	1556331	1566020	1556543	0.60	cps
Titanium	47-1	1882216	1924709	1874704	1893876	1.42	cps
Uranium	238-1	6217109	6113544	6207566	6179406	0.93	cps
Vanadium	51-2	677615	668460	677175	674416	0.77	cps
Yttrium	89-1	5696442	5663541	5662120	5674034	0.34	cps
Yttrium	89-2	880135	880859	891004	884000	0.69	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P7
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:43:40	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	255456	252664	255297	254472	0.62	cps
Zirconium	90-1	3806073	3776053	3766787	3782971	0.54	cps
Zirconium	91-1	849297	842698	839747	843914	0.58	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1251138	1269816	1286520	1269158	1.39	cps
Antimony	121-1	3611767	3627941	3599562	3613090	0.39	cps
Arsenic	75-2	153408	158179	157336	156308	1.63	cps
Barium	135-1	4598533	4571266	4554651	4574817	0.48	cps
Barium	137-1	7728167	7746227	7776020	7750138	0.31	cps
Beryllium	9-1	1698977	1716555	1717167	1710899	0.60	cps
Bismuth	209-1	3651951	3683983	3668963	3668299	0.44	cps
Bismuth	209-2	1792053	1762561	1793970	1782861	0.99	cps
Boron	10-1	311691	319386	321988	317688	1.69	cps
Boron	11-1	1395739	1412048	1418247	1408678	0.83	cps
Cadmium	111-1	1030135	1037630	1052069	1039945	1.07	cps
Cadmium	106-1	121735	122164	125763	123220	1.80	cps
Cadmium	108-1	81994	84035	83352	83127	1.25	cps
Calcium	43-1	1611254	1626556	1637572	1625128	0.81	cps
Calcium	44-1	26337195	26445288	26363309	26381931	0.21	cps
Chromium	52-2	1576940	1601975	1609765	1596227	1.07	cps
Cobalt	59-2	2299138	2319246	2303178	2307187	0.46	cps
Copper	63-2	3039212	3066772	3042896	3049626	0.49	cps
Dysprosium	156-1	92	75	100	89	14.33	cps
Dysprosium	156-2	57	57	70	61	12.59	cps
Erbium	164-1	75	50	42	56	31.22	cps
Erbium	164-2	20	10	23	18	39.03	cps
Gadolinium	160-1	58	67	50	58	14.29	cps
Gadolinium	160-2	93	97	93	94	2.04	cps
Holmium	165-1	6212863	6226555	6251616	6230345	0.32	cps
Holmium	165-2	3050791	3015408	3055142	3040447	0.72	cps
Indium	115-1	4673992	4692432	4711676	4692700	0.40	cps
Indium	115-2	947949	953440	975450	958947	1.52	cps
Iron	56-2	63986571	64536043	63832164	64118259	0.58	cps
Iron	57-2	1580186	1625014	1614583	1606594	1.46	cps
Krypton	83-1	367	353	300	340	10.38	cps
Lead	206-1	2796910	2781462	2798702	2792358	0.34	cps
Lead	207-1	2550644	2542755	2546177	2546526	0.16	cps
Lead	208-1	11280198	11256199	11231473	11255957	0.22	cps
Lithium	6-1	2960760	2911107	2957173	2943013	0.94	cps
Magnesium	24-2	15152933	15252742	15119926	15175201	0.46	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1804661	1831786	1832664	1823037	0.87	cps
Molybdenum	94-1	8840038	8874475	8858511	8857674	0.19	cps
Molybdenum	95-1	10792540	10828573	10808220	10809778	0.17	cps
Molybdenum	96-1	11788518	11825079	11745370	11786322	0.34	cps
Molybdenum	97-1	6747928	6772572	6744125	6754875	0.23	cps
Molybdenum	98-1	16895225	16862586	16958030	16905281	0.29	cps
Neodymium	150-1	333	300	367	333	10.00	cps
Neodymium	150-2	50	23	27	33	43.59	cps
Nickel	60-2	608473	621353	617365	615731	1.07	cps
Phosphorus	31-2	76119	75265	76044	75809	0.62	cps
Potassium	39-2	6131131	6179371	6190240	6166914	0.51	cps
Rhodium	103-1	4671656	4662207	4682994	4672285	0.22	cps
Rhodium	103-2	2114424	2104153	2136563	2118380	0.78	cps
Scandium	45-1	4398074	4412679	4416378	4409044	0.22	cps
Scandium	45-2	214042	212495	217062	214533	1.08	cps
Selenium	77-2	4361	4564	4704	4543	3.80	cps
Selenium	78-2	14813	15253	15660	15242	2.78	cps
Selenium	82-1	93229	94238	94179	93882	0.60	cps
Silicon	28-1	4605597	4594244	4644680	4614840	0.57	cps
Silver	109-1	4595594	4638624	4624392	4619537	0.47	cps
Silver	107-1	4832921	4830200	4862636	4841919	0.37	cps
Sodium	23-2	30967183	31119779	30895682	30994215	0.37	cps
Strontium	86-1	1376175	1370978	1378614	1375256	0.28	cps
Strontium	88-1	11654134	11573968	11630491	11619531	0.35	cps
Sulfur	34-1	1070739	1083752	1087312	1080601	0.81	cps
Terbium	159-1	6446591	6466123	6415483	6442732	0.40	cps
Terbium	159-2	3064593	3038138	3088644	3063791	0.82	cps
Thallium	203-1	3447730	3454203	3426679	3442870	0.42	cps
Thallium	205-1	7995930	7963270	7945480	7968227	0.32	cps
Thorium	232-1	12703218	12705993	12645278	12684830	0.27	cps
Tin	118-1	3171495	3164528	3157399	3164474	0.22	cps
Titanium	47-1	3787700	3788633	3779227	3785187	0.14	cps
Uranium	238-1	12349326	12228101	12308367	12295265	0.50	cps
Vanadium	51-2	1297828	1321042	1327915	1315595	1.20	cps
Yttrium	89-1	5679970	5709256	5700129	5696452	0.26	cps
Yttrium	89-2	870261	882426	889558	880748	1.11	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P7
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:47:34	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	474181	484572	484652	481135	1.25	cps
Zirconium	90-1	7429189	7479492	7453878	7454186	0.34	cps
Zirconium	91-1	1611238	1637752	1634366	1627785	0.89	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P7
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 17:51:28 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2660094	2684465	2672995	2672518	0.46	cps
Antimony	121-1	7239281	7247781	7252867	7246643	0.09	cps
Arsenic	75-2	300438	302583	307306	303443	1.16	cps
Barium	135-1	9164704	9166903	9247922	9193176	0.52	cps
Barium	137-1	15539795	15491469	15578463	15536576	0.28	cps
Beryllium	9-1	3390284	3426150	3387105	3401180	0.64	cps
Bismuth	209-1	3533183	3554986	3562747	3550305	0.43	cps
Bismuth	209-2	1752054	1754618	1766856	1757842	0.45	cps
Boron	10-1	605389	621400	629063	618617	1.95	cps
Boron	11-1	2743979	2780230	2802982	2775730	1.07	cps
Cadmium	111-1	1999984	1994067	1999304	1997785	0.16	cps
Cadmium	106-1	236432	238348	234990	236590	0.71	cps
Cadmium	108-1	162329	161710	160025	161355	0.74	cps
Calcium	43-1	3235449	3256021	3251023	3247498	0.33	cps
Calcium	44-1	52841646	53124872	53183719	53050079	0.34	cps
Chromium	52-2	3188599	3203522	3178151	3190091	0.40	cps
Cobalt	59-2	4599932	4613293	4626510	4613245	0.29	cps
Copper	63-2	5991185	5973645	6023944	5996258	0.43	cps
Dysprosium	156-1	208	108	108	142	40.75	cps
Dysprosium	156-2	103	157	147	136	20.91	cps
Erbium	164-1	58	42	75	58	28.57	cps
Erbium	164-2	33	23	17	24	34.31	cps
Gadolinium	160-1	83	108	83	92	15.74	cps
Gadolinium	160-2	123	123	137	128	6.02	cps
Holmium	165-1	6174654	6242567	6193118	6203446	0.57	cps
Holmium	165-2	3065107	3049703	3070645	3061818	0.35	cps
Indium	115-1	4544225	4566121	4580541	4563629	0.40	cps
Indium	115-2	913363	932387	937986	927912	1.39	cps
Iron	56-2	129642542	129627325	128527314	129265727	0.49	cps
Iron	57-2	3171793	3152128	3161384	3161769	0.31	cps
Krypton	83-1	340	353	363	352	3.32	cps
Lead	206-1	5549323	5590462	5543721	5561169	0.46	cps
Lead	207-1	5055149	5034500	5008808	5032819	0.46	cps
Lead	208-1	22315078	22256835	22212109	22261341	0.23	cps
Lithium	6-1	2855314	2848288	2837738	2847113	0.31	cps
Magnesium	24-2	30168235	30387443	30419263	30324981	0.45	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:51:28	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3672058	3699644	3652308	3674670	0.65	cps
Molybdenum	94-1	17876706	17835887	17785722	17832772	0.26	cps
Molybdenum	95-1	21640260	21676423	21643814	21653499	0.09	cps
Molybdenum	96-1	23867702	23784545	23671231	23774493	0.41	cps
Molybdenum	97-1	13727625	13697734	13637316	13687558	0.34	cps
Molybdenum	98-1	34343845	34108900	34143271	34198672	0.37	cps
Neodymium	150-1	693	647	600	647	7.22	cps
Neodymium	150-2	77	77	77	77	0.00	cps
Nickel	60-2	1162752	1169250	1194913	1175638	1.45	cps
Phosphorus	31-2	145075	146448	146521	146015	0.56	cps
Potassium	39-2	12240208	12438722	12327423	12335451	0.81	cps
Rhodium	103-1	4540025	4572013	4592011	4568016	0.57	cps
Rhodium	103-2	2082409	2086380	2100585	2089791	0.46	cps
Scandium	45-1	4355762	4383802	4408528	4382697	0.60	cps
Scandium	45-2	210965	218167	216586	215240	1.76	cps
Selenium	77-2	8413	8506	8826	8582	2.53	cps
Selenium	78-2	28352	28938	29432	28907	1.87	cps
Selenium	82-1	180878	182940	181023	181614	0.63	cps
Silicon	28-1	8556018	8562418	8531953	8550130	0.19	cps
Silver	109-1	9096707	9113485	9129596	9113263	0.18	cps
Silver	107-1	9541096	9555700	9427132	9507976	0.74	cps
Sodium	23-2	61972651	62153560	63203158	62443123	1.06	cps
Strontium	86-1	2707386	2702043	2705251	2704894	0.10	cps
Strontium	88-1	23436348	23393696	23287600	23372548	0.33	cps
Sulfur	34-1	1701271	1705916	1684785	1697324	0.65	cps
Terbium	159-1	6366599	6369287	6388354	6374747	0.19	cps
Terbium	159-2	3089796	3082507	3102085	3091463	0.32	cps
Thallium	203-1	6796144	6877932	6783362	6819146	0.75	cps
Thallium	205-1	15745190	15985718	15803607	15844839	0.79	cps
Thorium	232-1	25601394	25594544	25705444	25633794	0.24	cps
Tin	118-1	6365724	6348953	6373719	6362798	0.20	cps
Titanium	47-1	7607085	7599486	7662448	7623006	0.45	cps
Uranium	238-1	24653392	24632310	24671821	24652508	0.08	cps
Vanadium	51-2	2618823	2639233	2613667	2623908	0.52	cps
Yttrium	89-1	5640738	5641742	5671997	5651492	0.31	cps
Yttrium	89-2	863719	880471	881061	875084	1.13	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P7
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:51:28	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	887688	900355	913526	900523	1.43	cps
Zirconium	90-1	15230173	15027541	15123684	15127133	0.67	cps
Zirconium	91-1	3326902	3308616	3305934	3313817	0.34	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13341573	13550025	13499756	13463785	0.81	cps
Antimony	121-1	9412	10663	9712	9929	6.58	cps
Arsenic	75-2	172	143	172	162	10.54	cps
Barium	135-1	2917	2675	2834	2809	4.37	cps
Barium	137-1	4759	4809	4843	4804	0.87	cps
Beryllium	9-1	556	539	583	559	4.01	cps
Bismuth	209-1	3083894	3090728	3091619	3088747	0.14	cps
Bismuth	209-2	1583741	1594273	1589267	1589094	0.33	cps
Boron	10-1	11505	10904	10162	10857	6.19	cps
Boron	11-1	52258	48253	43931	48147	8.65	cps
Cadmium	111-1	2433	2090	2252	2258	7.59	cps
Cadmium	106-1	3009	2617	2784	2803	7.01	cps
Cadmium	108-1	75	83	38	65	37.40	cps
Calcium	43-1	16531040	16806316	17003071	16780142	1.41	cps
Calcium	44-1	275150223	277532423	280845931	277842859	1.03	cps
Chromium	52-2	139421	141239	140394	140351	0.65	cps
Cobalt	59-2	10210	10187	10654	10350	2.54	cps
Copper	63-2	16346	16526	16483	16452	0.57	cps
Dysprosium	156-1	117	100	125	114	11.18	cps
Dysprosium	156-2	40	53	43	46	15.23	cps
Erbium	164-1	33	67	25	42	52.92	cps
Erbium	164-2	13	23	23	20	28.87	cps
Gadolinium	160-1	83	83	200	122	55.11	cps
Gadolinium	160-2	197	130	110	146	31.18	cps
Holmium	165-1	5931250	5991910	6011165	5978108	0.70	cps
Holmium	165-2	3021987	3043119	3055432	3040180	0.56	cps
Indium	115-1	4460395	4476083	4494348	4476942	0.38	cps
Indium	115-2	929323	950353	952054	943910	1.34	cps
Iron	56-2	657465904	664607170	665625948	662566341	0.67	cps
Iron	57-2	16032272	16166229	16185855	16128119	0.52	cps
Krypton	83-1	363	400	460	408	11.97	cps
Lead	206-1	11172	11122	10399	10897	3.97	cps
Lead	207-1	9109	8842	8925	8959	1.52	cps
Lead	208-1	42678	42144	40831	41884	2.27	cps
Lithium	6-1	2463606	2467479	2458933	2463339	0.17	cps
Magnesium	24-2	152640033	154697637	155008487	154115385	0.84	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23222	24060	23502	23595	1.81	cps
Molybdenum	94-1	22569	22493	22176	22413	0.93	cps
Molybdenum	95-1	33448	33407	32354	33070	1.88	cps
Molybdenum	96-1	41754	42330	41244	41776	1.30	cps
Molybdenum	97-1	20858	20023	20090	20323	2.28	cps
Molybdenum	98-1	52623	52765	51502	52297	1.32	cps
Neodymium	150-1	127	173	187	162	19.42	cps
Neodymium	150-2	37	73	57	56	33.05	cps
Nickel	60-2	33311	33786	33776	33624	0.81	cps
Phosphorus	31-2	208	208	217	211	2.28	cps
Potassium	39-2	67154322	67500229	67688881	67447811	0.40	cps
Rhodium	103-1	4217869	4235342	4245981	4233064	0.34	cps
Rhodium	103-2	1958680	1989893	1984973	1977848	0.85	cps
Scandium	45-1	4430856	4463451	4461128	4451812	0.41	cps
Scandium	45-2	221673	225408	225106	224062	0.93	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	87	70	81	80	10.66	cps
Selenium	82-1	191	96	47	112	65.44	cps
Silicon	28-1	560321	573777	574931	569676	1.43	cps
Silver	109-1	1609	1475	1458	1514	5.43	cps
Silver	107-1	2059	1950	1817	1942	6.23	cps
Sodium	23-2	317440557	320959757	321243766	319881360	0.66	cps
Strontium	86-1	15000	15417	16126	15514	3.67	cps
Strontium	88-1	126621	126293	126864	126593	0.23	cps
Sulfur	34-1	435444	442630	444681	440918	1.10	cps
Terbium	159-1	6142458	6216223	6152910	6170530	0.65	cps
Terbium	159-2	3050226	3078801	3056273	3061767	0.49	cps
Thallium	203-1	1942	2342	2009	2097	10.22	cps
Thallium	205-1	5060	4851	4893	4934	2.23	cps
Thorium	232-1	6368	6168	5574	6037	6.85	cps
Tin	118-1	8244	7419	7636	7766	5.51	cps
Titanium	47-1	3092	3276	3150	3173	2.95	cps
Uranium	238-1	6027	5677	5585	5763	4.05	cps
Vanadium	51-2	1277	1340	1323	1313	2.50	cps
Yttrium	89-1	5638234	5647803	5660272	5648770	0.20	cps
Yttrium	89-2	886680	904378	906139	899066	1.20	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P7
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 17:55:26	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	5735	5665	5908	5769	2.17	cps
Zirconium	90-1	9370	9245	9128	9248	1.31	cps
Zirconium	91-1	1967	2175	2009	2050	5.38	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P7
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:06:10 DataFile Name : 013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	72727	73146	72895	72923	0.29	cps
Antimony	121-1	1424661	1438389	1447258	1436769	0.79	cps
Arsenic	75-2	67210	67639	67476	67442	0.32	cps
Barium	135-1	190090	191712	193207	191669	0.81	cps
Barium	137-1	322821	327165	336148	328711	2.07	cps
Beryllium	9-1	362684	362856	367421	364320	0.74	cps
Bismuth	209-1	3928837	3936305	3931321	3932154	0.10	cps
Bismuth	209-2	1994707	2006421	1993855	1998328	0.35	cps
Boron	10-1	3817	3967	3642	3809	4.27	cps
Boron	11-1	16927	16551	16943	16807	1.32	cps
Cadmium	111-1	222788	225807	227693	225430	1.10	cps
Cadmium	106-1	22819	23362	23353	23178	1.34	cps
Cadmium	108-1	14912	14562	15288	14921	2.43	cps
Calcium	43-1	69723	72269	72302	71431	2.07	cps
Calcium	44-1	1114327	1119229	1117240	1116932	0.22	cps
Chromium	52-2	340136	337575	338366	338692	0.39	cps
Cobalt	59-2	518601	516698	520854	518718	0.40	cps
Copper	63-2	346016	350466	349172	348551	0.66	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	7	17	17	13	43.29	cps
Erbium	164-1	100	75	92	89	14.33	cps
Erbium	164-2	23	27	30	27	12.51	cps
Gadolinium	160-1	50	25	75	50	50.00	cps
Gadolinium	160-2	97	117	97	103	11.17	cps
Holmium	165-1	6500116	6452905	6481608	6478210	0.37	cps
Holmium	165-2	3265562	3273982	3248474	3262673	0.40	cps
Indium	115-1	5234062	5220397	5165686	5206715	0.69	cps
Indium	115-2	1065079	1074330	1076298	1071902	0.56	cps
Iron	56-2	2802705	2803013	2806363	2804027	0.07	cps
Iron	57-2	69793	70185	71234	70404	1.06	cps
Krypton	83-1	360	343	330	344	4.36	cps
Lead	206-1	1119401	1117943	1134770	1124038	0.83	cps
Lead	207-1	985902	999092	1007323	997439	1.08	cps
Lead	208-1	4517791	4533412	4567963	4539722	0.57	cps
Lithium	6-1	2825447	2830056	2829112	2828205	0.09	cps
Magnesium	24-2	398482	404245	400082	400936	0.74	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:06:10	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196803	199168	200645	198872	0.97	cps
Molybdenum	94-1	800	658	617	692	13.90	cps
Molybdenum	95-1	492	525	542	519	4.90	cps
Molybdenum	96-1	758	700	725	728	4.02	cps
Molybdenum	97-1	383	367	350	367	4.54	cps
Molybdenum	98-1	917	917	850	895	4.30	cps
Neodymium	150-1	20	7	27	18	57.27	cps
Neodymium	150-2	7	7	0	4	86.60	cps
Nickel	60-2	136593	136004	135391	135996	0.44	cps
Phosphorus	31-2	192	267	258	239	17.21	cps
Potassium	39-2	566092	567699	573927	569239	0.73	cps
Rhodium	103-1	5217195	5273027	5229949	5240057	0.56	cps
Rhodium	103-2	2419076	2432540	2412404	2421340	0.42	cps
Scandium	45-1	4862783	4868641	4815208	4848877	0.60	cps
Scandium	45-2	233449	238176	238576	236734	1.20	cps
Selenium	77-2	2120	2150	1944	2071	5.39	cps
Selenium	78-2	6796	6904	6922	6874	0.99	cps
Selenium	82-1	40411	41188	41714	41104	1.59	cps
Silicon	28-1	286619	292726	298360	292568	2.01	cps
Silver	109-1	922445	924709	940144	929099	1.04	cps
Silver	107-1	959144	967817	976503	967822	0.90	cps
Sodium	23-2	1319587	1334939	1318226	1324251	0.70	cps
Strontium	86-1	7185	7677	7544	7469	3.41	cps
Strontium	88-1	59348	59942	59524	59605	0.51	cps
Sulfur	34-1	482162	484372	479018	481851	0.56	cps
Terbium	159-1	6694725	6681987	6669911	6682208	0.19	cps
Terbium	159-2	3321501	3312383	3289840	3307908	0.49	cps
Thallium	203-1	1357036	1367200	1388483	1370906	1.17	cps
Thallium	205-1	3340340	3311817	3318218	3323458	0.45	cps
Thorium	232-1	900	900	1000	933	6.19	cps
Tin	118-1	1008	933	900	947	5.86	cps
Titanium	47-1	233	150	150	178	27.06	cps
Uranium	238-1	13224448	13139430	13160861	13174913	0.34	cps
Vanadium	51-2	282292	283276	282501	282690	0.18	cps
Yttrium	89-1	6168685	6219536	6172433	6186885	0.46	cps
Yttrium	89-2	960917	961119	962132	961389	0.07	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P7
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:06:10	DataFile Name :	013ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	108637	109167	109983	109263	0.62	cps
Zirconium	90-1	833	875	825	845	3.17	cps
Zirconium	91-1	517	442	433	464	9.90	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2650	2700	3025	2792	7.29	cps
Antimony	121-1	14750	15542	15042	15111	2.65	cps
Arsenic	75-2	313	337	398	349	12.57	cps
Barium	135-1	18304	19064	18154	18507	2.63	cps
Barium	137-1	31520	32514	32497	32177	1.77	cps
Beryllium	9-1	3940	3456	3817	3738	6.73	cps
Bismuth	209-1	3939199	3961662	3568844	3823235	5.77	cps
Bismuth	209-2	1952093	1949773	1952686	1951517	0.08	cps
Boron	10-1	19188	18904	18111	18735	2.98	cps
Boron	11-1	83439	84076	85282	84266	1.11	cps
Cadmium	111-1	3951	4359	4138	4150	4.92	cps
Cadmium	106-1	2867	3150	2892	2970	5.28	cps
Cadmium	108-1	175	179	183	179	2.33	cps
Calcium	43-1	17261	16118	18128	17169	5.87	cps
Calcium	44-1	285595	282706	292278	286859	1.71	cps
Chromium	52-2	7906	7886	8052	7948	1.15	cps
Cobalt	59-2	5414	5318	5224	5319	1.79	cps
Copper	63-2	7425	7615	7509	7516	1.27	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	33	42	25	33	25.01	cps
Erbium	164-2	43	17	13	24	67.26	cps
Gadolinium	160-1	50	92	42	61	43.83	cps
Gadolinium	160-2	117	83	100	100	16.66	cps
Holmium	165-1	6463932	6568036	5889166	6307045	5.80	cps
Holmium	165-2	3201603	3179513	3198644	3193253	0.38	cps
Indium	115-1	5212694	5269174	4661725	5047864	6.65	cps
Indium	115-2	996359	997649	1012102	1002037	0.87	cps
Iron	56-2	150378	151467	150552	150799	0.39	cps
Iron	57-2	3812	3856	3834	3834	0.58	cps
Krypton	83-1	370	350	347	356	3.55	cps
Lead	206-1	6135	6007	6407	6183	3.31	cps
Lead	207-1	5046	5162	5540	5249	4.93	cps
Lead	208-1	24148	24137	24799	24361	1.55	cps
Lithium	6-1	2848148	2885029	2638955	2790711	4.76	cps
Magnesium	24-2	167999	168587	168983	168523	0.29	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2164	2080	2164	2136	2.25	cps
Molybdenum	94-1	19931	19422	19005	19453	2.39	cps
Molybdenum	95-1	22210	22377	24213	22933	4.85	cps
Molybdenum	96-1	25640	25023	26484	25716	2.85	cps
Molybdenum	97-1	13624	14958	14825	14469	5.08	cps
Molybdenum	98-1	36891	37375	37776	37347	1.19	cps
Neodymium	150-1	7	0	0	2	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	1480	1517	1520	1506	1.47	cps
Phosphorus	31-2	275	267	317	286	9.36	cps
Potassium	39-2	159422	161006	161680	160702	0.72	cps
Rhodium	103-1	5242801	5333177	4742109	5106029	6.24	cps
Rhodium	103-2	2393773	2386845	2382232	2387617	0.24	cps
Scandium	45-1	4825971	4854365	4342035	4674124	6.16	cps
Scandium	45-2	222679	226183	225069	224644	0.80	cps
Selenium	77-2	33	57	53	48	26.42	cps
Selenium	78-2	259	194	213	222	15.02	cps
Selenium	82-1	967	1002	1027	999	3.03	cps
Silicon	28-1	380725	379331	384441	381499	0.69	cps
Silver	109-1	10788	10004	10604	10465	3.92	cps
Silver	107-1	10905	10663	11163	10910	2.29	cps
Sodium	23-2	353860	359284	355228	356124	0.79	cps
Strontium	86-1	3484	3659	3776	3640	4.03	cps
Strontium	88-1	25899	25665	26342	25969	1.32	cps
Sulfur	34-1	490776	492666	490412	491285	0.25	cps
Terbium	159-1	6685133	6773698	6060725	6506519	5.97	cps
Terbium	159-2	3223520	3233893	3259070	3238827	0.56	cps
Thallium	203-1	6885	6977	7211	7024	2.39	cps
Thallium	205-1	16811	16519	18071	17134	4.81	cps
Thorium	232-1	25253	25609	26538	25800	2.57	cps
Tin	118-1	32129	32146	31854	32043	0.51	cps
Titanium	47-1	8044	8469	8686	8400	3.89	cps
Uranium	238-1	25734	25267	25150	25384	1.22	cps
Vanadium	51-2	14164	14300	13947	14137	1.26	cps
Yttrium	89-1	6151066	6239712	5588126	5992968	5.90	cps
Yttrium	89-2	899306	900372	909807	903162	0.64	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P7
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:17:34	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1837	1767	1893	1832	3.46	cps
Zirconium	90-1	16543	16727	16986	16752	1.33	cps
Zirconium	91-1	3767	3842	3934	3848	2.17	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P7
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:41:39 DataFile Name : 017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	50	58	47	26.97	cps
Antimony	121-1	192	125	108	142	31.13	cps
Arsenic	75-2	9	0	6	5	94.35	cps
Barium	135-1	33	33	33	33	0.02	cps
Barium	137-1	25	50	42	39	32.73	cps
Beryllium	9-1	94	61	39	65	43.14	cps
Bismuth	209-1	4182551	4146741	4152190	4160494	0.46	cps
Bismuth	209-2	2158870	2054072	2040331	2084424	3.11	cps
Boron	10-1	1075	1017	950	1014	6.17	cps
Boron	11-1	3951	4234	4167	4117	3.60	cps
Cadmium	111-1	2091	1908	2011	2003	4.59	cps
Cadmium	106-1	2975	2742	2859	2859	4.08	cps
Cadmium	108-1	0	17	4	7	124.88	cps
Calcium	43-1	242	242	258	247	3.89	cps
Calcium	44-1	11689	11839	12030	11853	1.45	cps
Chromium	52-2	437	307	430	391	18.72	cps
Cobalt	59-2	37	60	47	48	24.50	cps
Copper	63-2	313	277	277	289	7.33	cps
Dysprosium	156-1	0	0	8	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	42	67	33	47	36.74	cps
Gadolinium	160-2	70	87	103	87	19.23	cps
Holmium	165-1	6827365	6713059	6777649	6772691	0.85	cps
Holmium	165-2	3521363	3357692	3325762	3401606	3.08	cps
Indium	115-1	5536085	5473297	5466206	5491863	0.70	cps
Indium	115-2	1090357	1047376	1045964	1061232	2.38	cps
Iron	56-2	4684	4645	4795	4708	1.65	cps
Iron	57-2	150	189	189	176	12.77	cps
Krypton	83-1	377	363	327	356	7.28	cps
Lead	206-1	183	128	117	143	25.05	cps
Lead	207-1	128	122	100	117	12.60	cps
Lead	208-1	611	572	572	585	3.84	cps
Lithium	6-1	3024130	3001419	2993443	3006331	0.53	cps
Magnesium	24-2	117	242	250	203	36.83	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:41:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	40	47	50	24.03	cps
Molybdenum	94-1	175	192	208	192	8.69	cps
Molybdenum	95-1	75	83	100	86	14.78	cps
Molybdenum	96-1	133	117	100	117	14.28	cps
Molybdenum	97-1	42	17	67	42	60.00	cps
Molybdenum	98-1	83	50	92	75	29.40	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	17	27	17	20	28.86	cps
Phosphorus	31-2	167	192	150	169	12.38	cps
Potassium	39-2	22451	23027	23252	22910	1.80	cps
Rhodium	103-1	5621765	5578139	5582958	5594287	0.43	cps
Rhodium	103-2	2652862	2509295	2488697	2550285	3.51	cps
Scandium	45-1	5095897	5099105	5069968	5088324	0.31	cps
Scandium	45-2	247048	235309	236056	239471	2.74	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	56	52	52	53	4.03	cps
Selenium	82-1	-57	-42	29	-23	-195.68	cps
Silicon	28-1	206912	205357	205333	205867	0.44	cps
Silver	109-1	100	92	117	103	12.38	cps
Silver	107-1	117	133	108	119	10.66	cps
Sodium	23-2	19764	19998	20156	19972	0.99	cps
Strontium	86-1	508	533	583	542	7.05	cps
Strontium	88-1	108	175	125	136	25.49	cps
Sulfur	34-1	507102	509206	516072	510793	0.92	cps
Terbium	159-1	7087988	7065651	7008915	7054185	0.58	cps
Terbium	159-2	3588352	3379978	3369462	3445931	3.58	cps
Thallium	203-1	25	17	17	19	24.73	cps
Thallium	205-1	75	75	108	86	22.35	cps
Thorium	232-1	133	122	128	128	4.35	cps
Tin	118-1	325	367	283	325	12.82	cps
Titanium	47-1	42	108	83	78	43.30	cps
Uranium	238-1	67	75	33	58	37.80	cps
Vanadium	51-2	0	7	3	3	100.05	cps
Yttrium	89-1	6553862	6507869	6509375	6523702	0.40	cps
Yttrium	89-2	982681	946387	949293	959454	2.10	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P7
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:41:39	DataFile Name :	017CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1180	1300	1153	1211	6.45	cps
Zirconium	90-1	583	517	608	569	8.32	cps
Zirconium	91-1	92	117	67	92	27.27	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12607236	12489728	12687633	12594865	0.79	cps
Antimony	121-1	8670	8745	9170	8861	3.04	cps
Arsenic	75-2	128	176	126	143	19.79	cps
Barium	135-1	3092	3317	3101	3170	4.03	cps
Barium	137-1	4701	5043	4734	4826	3.90	cps
Beryllium	9-1	1006	995	1072	1024	4.11	cps
Bismuth	209-1	3823987	3842604	3821766	3829452	0.30	cps
Bismuth	209-2	1904775	1893058	1885105	1894313	0.52	cps
Boron	10-1	1158	1342	1400	1300	9.70	cps
Boron	11-1	5359	5626	5410	5465	2.59	cps
Cadmium	111-1	3200	3198	3072	3156	2.33	cps
Cadmium	106-1	2859	2900	2867	2875	0.77	cps
Cadmium	108-1	2538	2446	2604	2529	3.14	cps
Calcium	43-1	3532869	3563198	3559012	3551693	0.46	cps
Calcium	44-1	58232635	58619166	58421168	58424323	0.33	cps
Chromium	52-2	68421	68595	70283	69100	1.49	cps
Cobalt	59-2	5901	6195	6068	6055	2.43	cps
Copper	63-2	26267	26247	25776	26097	1.06	cps
Dysprosium	156-1	50	33	33	39	24.75	cps
Dysprosium	156-2	23	23	17	21	18.21	cps
Erbium	164-1	67	33	42	47	36.74	cps
Erbium	164-2	23	47	23	31	43.32	cps
Gadolinium	160-1	83	92	133	103	26.06	cps
Gadolinium	160-2	143	113	100	119	18.67	cps
Holmium	165-1	6920144	6950813	6941873	6937610	0.23	cps
Holmium	165-2	3402861	3378637	3374514	3385337	0.45	cps
Indium	115-1	5328822	5342254	5300122	5323733	0.40	cps
Indium	115-2	1020141	1032633	1042286	1031687	1.08	cps
Iron	56-2	278805251	278778573	276426262	278003362	0.49	cps
Iron	57-2	6739653	6777074	6793212	6769980	0.41	cps
Krypton	83-1	360	287	317	321	11.48	cps
Lead	206-1	26538	27033	26488	26686	1.13	cps
Lead	207-1	21329	21256	21279	21288	0.17	cps
Lead	208-1	99696	100002	98888	99528	0.58	cps
Lithium	6-1	2847156	2834117	2802800	2828024	0.81	cps
Magnesium	24-2	32264409	32147398	32268593	32226800	0.21	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15512	15872	15792	15725	1.20	cps
Molybdenum	94-1	5324649	5339515	5336384	5333516	0.15	cps
Molybdenum	95-1	9320549	9293378	9364330	9326085	0.38	cps
Molybdenum	96-1	9816953	9786099	9829542	9810865	0.23	cps
Molybdenum	97-1	5855241	5829654	5852601	5845832	0.24	cps
Molybdenum	98-1	14661808	14552159	14672757	14628908	0.46	cps
Neodymium	150-1	47	33	47	42	18.23	cps
Neodymium	150-2	30	10	10	17	69.28	cps
Nickel	60-2	7272	7095	6968	7112	2.14	cps
Phosphorus	31-2	765109	765818	778480	769802	0.98	cps
Potassium	39-2	27061027	27141837	27248126	27150330	0.35	cps
Rhodium	103-1	5260564	5252315	5224151	5245677	0.36	cps
Rhodium	103-2	2362962	2363591	2357190	2361248	0.15	cps
Scandium	45-1	5102757	5141486	5132788	5125677	0.40	cps
Scandium	45-2	234973	239001	240381	238118	1.18	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	59	56	37	51	23.52	cps
Selenium	82-1	40	115	60	71	54.02	cps
Silicon	28-1	445585	448182	458078	450615	1.46	cps
Silver	109-1	1500	1275	1283	1353	9.43	cps
Silver	107-1	1617	1558	1417	1531	6.72	cps
Sodium	23-2	67452402	67404102	67169643	67342049	0.22	cps
Strontium	86-1	102994	102120	102908	102674	0.47	cps
Strontium	88-1	865431	873462	870675	869856	0.47	cps
Sulfur	34-1	7434593	7459821	7476250	7456888	0.28	cps
Terbium	159-1	7168331	7158923	7152052	7159769	0.11	cps
Terbium	159-2	3404055	3405075	3402292	3403807	0.04	cps
Thallium	203-1	158	108	167	144	21.84	cps
Thallium	205-1	317	275	300	297	7.05	cps
Thorium	232-1	250	250	306	269	11.95	cps
Tin	118-1	1375	1317	1358	1350	2.23	cps
Titanium	47-1	3396159	3390092	3409237	3398496	0.29	cps
Uranium	238-1	458	408	433	433	5.77	cps
Vanadium	51-2	487	470	463	473	2.54	cps
Yttrium	89-1	6589405	6576558	6495762	6553908	0.77	cps
Yttrium	89-2	961640	968054	971517	967071	0.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P7
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:50:21	DataFile Name :	019ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	6542	6815	6368	6575	3.43	cps
Zirconium	90-1	867	1083	892	947	12.51	cps
Zirconium	91-1	142	233	175	183	25.31	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P7
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 18:55:40 DataFile Name : 020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12591476	12683214	12522848	12599179	0.64	cps
Antimony	121-1	160222	166072	163861	163385	1.81	cps
Arsenic	75-2	6798	6848	6678	6774	1.29	cps
Barium	135-1	43887	42850	43519	43419	1.21	cps
Barium	137-1	74861	73562	74810	74411	0.99	cps
Beryllium	9-1	72651	73740	72289	72893	1.04	cps
Bismuth	209-1	3843474	3840943	3832643	3839020	0.15	cps
Bismuth	209-2	1913582	1865863	1859842	1879763	1.57	cps
Boron	10-1	36696	37706	36528	36977	1.72	cps
Boron	11-1	169651	170417	172600	170890	0.90	cps
Cadmium	111-1	47391	47281	47453	47375	0.18	cps
Cadmium	106-1	6677	7127	6819	6874	3.35	cps
Cadmium	108-1	5597	5614	5735	5648	1.33	cps
Calcium	43-1	3582702	3595846	3559279	3579275	0.52	cps
Calcium	44-1	59144893	58806078	59073497	59008156	0.30	cps
Chromium	52-2	138331	140526	138950	139269	0.81	cps
Cobalt	59-2	109337	109212	109071	109207	0.12	cps
Copper	63-2	94134	93771	94607	94170	0.44	cps
Dysprosium	156-1	42	42	25	36	26.65	cps
Dysprosium	156-2	17	20	20	19	10.18	cps
Erbium	164-1	33	58	50	47	26.97	cps
Erbium	164-2	50	7	30	29	75.07	cps
Gadolinium	160-1	67	92	58	72	24.02	cps
Gadolinium	160-2	117	123	117	119	3.24	cps
Holmium	165-1	6964777	6894888	6942070	6933912	0.51	cps
Holmium	165-2	3427234	3333230	3317332	3359266	1.77	cps
Indium	115-1	5332775	5302317	5320762	5318618	0.29	cps
Indium	115-2	1042483	1025471	1025897	1031284	0.94	cps
Iron	56-2	282214851	280222751	279343067	280593556	0.52	cps
Iron	57-2	6856295	6830204	6775918	6820806	0.60	cps
Krypton	83-1	343	380	320	348	8.70	cps
Lead	206-1	146497	145177	146672	146115	0.56	cps
Lead	207-1	120972	119217	121921	120703	1.14	cps
Lead	208-1	559835	559756	559761	559784	0.01	cps
Lithium	6-1	2811585	2818446	2804587	2811539	0.25	cps
Magnesium	24-2	32635715	32704143	32407560	32582473	0.48	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:55:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	56180	56799	55989	56323	0.75	cps
Molybdenum	94-1	5517900	5489047	5428968	5478638	0.83	cps
Molybdenum	95-1	9620499	9645953	9502596	9589683	0.80	cps
Molybdenum	96-1	10139833	10220783	10030706	10130441	0.94	cps
Molybdenum	97-1	6020410	6120291	6008448	6049716	1.02	cps
Molybdenum	98-1	15052239	15160875	15155322	15122812	0.40	cps
Neodymium	150-1	40	27	53	40	33.33	cps
Neodymium	150-2	20	10	10	13	43.30	cps
Nickel	60-2	33572	32827	33435	33278	1.19	cps
Phosphorus	31-2	770818	779872	775741	775477	0.58	cps
Potassium	39-2	27257182	27143519	27202717	27201139	0.21	cps
Rhodium	103-1	5219889	5273241	5274475	5255868	0.59	cps
Rhodium	103-2	2386176	2339066	2325271	2350171	1.36	cps
Scandium	45-1	5149121	5183627	5112433	5148393	0.69	cps
Scandium	45-2	241709	237232	237866	238935	1.01	cps
Selenium	77-2	223	207	243	224	8.18	cps
Selenium	78-2	589	763	687	680	12.84	cps
Selenium	82-1	4034	3831	4045	3970	3.04	cps
Silicon	28-1	900544	899057	908311	902637	0.55	cps
Silver	109-1	193490	192771	194908	193723	0.56	cps
Silver	107-1	198775	201118	203186	201026	1.10	cps
Sodium	23-2	68202837	67876774	68234395	68104669	0.29	cps
Strontium	86-1	103831	104277	106208	104772	1.21	cps
Strontium	88-1	881707	887289	881708	883568	0.36	cps
Sulfur	34-1	7529841	7449910	7492760	7490837	0.53	cps
Terbium	159-1	7158015	7126463	7127926	7137468	0.25	cps
Terbium	159-2	3445966	3370376	3358382	3391575	1.40	cps
Thallium	203-1	141107	141670	140620	141132	0.37	cps
Thallium	205-1	337089	335313	337773	336725	0.38	cps
Thorium	232-1	244	244	272	254	6.32	cps
Tin	118-1	326871	325752	333413	328679	1.26	cps
Titanium	47-1	3526527	3546264	3502575	3525122	0.62	cps
Uranium	238-1	392	433	483	436	10.52	cps
Vanadium	51-2	58817	59095	58328	58746	0.66	cps
Yttrium	89-1	6584168	6607157	6569992	6587106	0.28	cps
Yttrium	89-2	980241	955738	959290	965090	1.37	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P7
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:55:40	DataFile Name :	020ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	17040	16827	17367	17078	1.59	cps
Zirconium	90-1	958	925	1058	981	7.08	cps
Zirconium	91-1	167	225	233	208	17.44	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7461675	7403342	7412193	7425737	0.42	cps
Antimony	121-1	3733282	3724878	3738635	3732265	0.19	cps
Arsenic	75-2	158821	159839	160760	159807	0.61	cps
Barium	135-1	4777566	4783676	4819464	4793569	0.47	cps
Barium	137-1	8119565	8171826	8163857	8151749	0.35	cps
Beryllium	9-1	1636951	1660486	1664792	1654076	0.91	cps
Bismuth	209-1	3473733	3474169	3459116	3469006	0.25	cps
Bismuth	209-2	1734427	1739952	1739690	1738023	0.18	cps
Boron	10-1	307087	313160	315783	312010	1.43	cps
Boron	11-1	1388599	1426978	1448258	1421278	2.13	cps
Cadmium	111-1	1009815	1026170	1036025	1024003	1.29	cps
Cadmium	106-1	121761	123366	123424	122850	0.77	cps
Cadmium	108-1	81072	83058	83435	82522	1.54	cps
Calcium	43-1	8668488	8628555	8670856	8655966	0.27	cps
Calcium	44-1	142130987	142577153	143620278	142776139	0.54	cps
Chromium	52-2	1790701	1804169	1825234	1806701	0.96	cps
Cobalt	59-2	2462502	2445242	2457595	2455113	0.36	cps
Copper	63-2	3119882	3109842	3121684	3117136	0.20	cps
Dysprosium	156-1	117	125	75	106	25.38	cps
Dysprosium	156-2	80	63	90	78	17.32	cps
Erbium	164-1	33	58	17	36	58.08	cps
Erbium	164-2	17	23	20	20	16.65	cps
Gadolinium	160-1	58	175	75	103	61.39	cps
Gadolinium	160-2	87	130	130	116	21.65	cps
Holmium	165-1	6505660	6509474	6498328	6504487	0.09	cps
Holmium	165-2	3219242	3209527	3210267	3213012	0.17	cps
Indium	115-1	4881982	4914025	4903281	4899763	0.33	cps
Indium	115-2	987950	1002250	1007846	999349	1.03	cps
Iron	56-2	348559030	348563919	348515841	348546263	0.01	cps
Iron	57-2	8504374	8527065	8511390	8514276	0.14	cps
Krypton	83-1	363	383	347	364	5.04	cps
Lead	206-1	2715712	2710066	2742173	2722650	0.63	cps
Lead	207-1	2493058	2465925	2486505	2481829	0.57	cps
Lead	208-1	10965644	10904417	10998345	10956135	0.44	cps
Lithium	6-1	2597885	2601009	2577602	2592165	0.49	cps
Magnesium	24-2	79910529	79940712	79742056	79864432	0.13	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1981553	1970907	1974074	1975512	0.28	cps
Molybdenum	94-1	9603755	9612849	9702460	9639688	0.57	cps
Molybdenum	95-1	11676571	11674360	11751772	11700901	0.38	cps
Molybdenum	96-1	12791951	12814190	12883967	12830036	0.37	cps
Molybdenum	97-1	7339076	7349480	7378247	7355601	0.28	cps
Molybdenum	98-1	18301249	18256795	18300746	18286263	0.14	cps
Neodymium	150-1	407	440	420	422	3.97	cps
Neodymium	150-2	70	53	73	66	16.35	cps
Nickel	60-2	644825	652128	654914	650623	0.80	cps
Phosphorus	31-2	78733	79328	78975	79012	0.38	cps
Potassium	39-2	34664260	34269343	34582128	34505244	0.60	cps
Rhodium	103-1	4754538	4783447	4757694	4765226	0.33	cps
Rhodium	103-2	2184377	2186021	2175624	2182007	0.26	cps
Scandium	45-1	4848052	4874860	4822146	4848353	0.54	cps
Scandium	45-2	236182	239392	238640	238072	0.71	cps
Selenium	77-2	4517	4371	4364	4417	1.96	cps
Selenium	78-2	15423	14830	15167	15140	1.97	cps
Selenium	82-1	89915	91673	92153	91247	1.29	cps
Silicon	28-1	4977747	5068950	5123073	5056590	1.45	cps
Silver	109-1	4637699	4644145	4643035	4641626	0.07	cps
Silver	107-1	4861660	4811306	4846655	4839873	0.53	cps
Sodium	23-2	165550716	166707758	166585145	166281206	0.38	cps
Strontium	86-1	1452310	1451859	1484228	1462799	1.27	cps
Strontium	88-1	12578693	12556603	12680528	12605275	0.52	cps
Sulfur	34-1	1134130	1140768	1144876	1139925	0.48	cps
Terbium	159-1	6651448	6735266	6667164	6684626	0.67	cps
Terbium	159-2	3213108	3217334	3213117	3214520	0.08	cps
Thallium	203-1	3371704	3386392	3410500	3389532	0.58	cps
Thallium	205-1	7824766	7810426	7880414	7838535	0.47	cps
Thorium	232-1	12636638	12596281	12688234	12640385	0.36	cps
Tin	118-1	3319015	3304373	3324930	3316106	0.32	cps
Titanium	47-1	4135321	4172436	4162274	4156677	0.46	cps
Uranium	238-1	12199290	12170139	12234401	12201277	0.26	cps
Vanadium	51-2	1433549	1444128	1444023	1440567	0.42	cps
Yttrium	89-1	6167043	6185116	6151615	6167925	0.27	cps
Yttrium	89-2	944120	951593	952038	949250	0.47	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV41	Instrumnet Name :	P7
Client Sample ID :	CCV41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 18:59:20	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	458373	461657	464892	461641	0.71	cps
Zirconium	90-1	8180647	8124908	8149036	8151530	0.34	cps
Zirconium	91-1	1728969	1742274	1765226	1745490	1.05	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB41 Instrumnet Name : P7
 Client Sample ID : CCB41 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 19:20:36 DataFile Name : 022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	267	217	231	13.68	cps
Antimony	121-1	133	183	175	164	16.34	cps
Arsenic	75-2	2	7	2	4	86.68	cps
Barium	135-1	33	25	33	31	15.74	cps
Barium	137-1	50	75	25	50	50.00	cps
Beryllium	9-1	50	39	72	54	31.60	cps
Bismuth	209-1	3987626	3989633	4012541	3996600	0.35	cps
Bismuth	209-2	2006849	1988938	1995795	1997194	0.45	cps
Boron	10-1	1317	1067	1167	1183	10.63	cps
Boron	11-1	5876	5410	5618	5635	4.15	cps
Cadmium	111-1	1792	1729	1834	1785	2.96	cps
Cadmium	106-1	2567	2475	2609	2550	2.67	cps
Cadmium	108-1	13	17	0	10	89.22	cps
Calcium	43-1	167	200	200	189	10.19	cps
Calcium	44-1	11489	11780	11714	11661	1.31	cps
Chromium	52-2	633	653	600	629	4.28	cps
Cobalt	59-2	63	80	73	72	11.62	cps
Copper	63-2	273	267	320	287	10.14	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	17	17	33	22	43.28	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	58	42	42	47	20.38	cps
Gadolinium	160-2	73	103	100	92	17.83	cps
Holmium	165-1	6584305	6579464	6608758	6590842	0.24	cps
Holmium	165-2	3293285	3270908	3269195	3277796	0.41	cps
Indium	115-1	5361773	5331802	5385971	5359849	0.51	cps
Indium	115-2	1013896	1010998	1023750	1016215	0.66	cps
Iron	56-2	10098	9564	9720	9794	2.80	cps
Iron	57-2	333	322	272	309	10.53	cps
Krypton	83-1	263	373	307	314	17.62	cps
Lead	206-1	156	144	161	154	5.52	cps
Lead	207-1	156	139	139	144	6.66	cps
Lead	208-1	683	639	772	698	9.73	cps
Lithium	6-1	2828017	2814433	2792594	2811681	0.64	cps
Magnesium	24-2	1092	900	925	972	10.72	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:20:36	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	50	67	58	14.52	cps
Molybdenum	94-1	500	533	425	486	11.41	cps
Molybdenum	95-1	475	400	225	367	34.99	cps
Molybdenum	96-1	600	483	425	503	17.72	cps
Molybdenum	97-1	317	233	208	253	22.44	cps
Molybdenum	98-1	717	558	508	594	18.30	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	40	60	53	21.65	cps
Phosphorus	31-2	175	133	125	144	18.54	cps
Potassium	39-2	24220	24546	25314	24693	2.27	cps
Rhodium	103-1	5433020	5410112	5441422	5428185	0.30	cps
Rhodium	103-2	2476487	2476222	2476207	2476305	0.01	cps
Scandium	45-1	4976623	4987669	5027218	4997170	0.53	cps
Scandium	45-2	230644	230593	234021	231753	0.85	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	43	35	59	46	26.99	cps
Selenium	82-1	98	-14	55	46	122.09	cps
Silicon	28-1	259116	256608	257929	257884	0.49	cps
Silver	109-1	75	83	92	83	10.00	cps
Silver	107-1	192	92	108	131	41.04	cps
Sodium	23-2	26015	26307	26482	26268	0.90	cps
Strontium	86-1	467	575	550	531	10.69	cps
Strontium	88-1	158	183	200	181	11.62	cps
Sulfur	34-1	503408	506954	508860	506407	0.55	cps
Terbium	159-1	6809003	6802145	6874455	6828534	0.58	cps
Terbium	159-2	3320864	3305901	3297299	3308021	0.36	cps
Thallium	203-1	58	67	75	67	12.49	cps
Thallium	205-1	117	75	100	97	21.57	cps
Thorium	232-1	350	278	283	304	13.23	cps
Tin	118-1	625	608	633	622	2.05	cps
Titanium	47-1	133	100	92	108	20.35	cps
Uranium	238-1	58	42	117	72	54.52	cps
Vanadium	51-2	10	30	13	18	60.28	cps
Yttrium	89-1	6365692	6384526	6411071	6387096	0.36	cps
Yttrium	89-2	923202	928205	931886	927764	0.47	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB41	Instrumnet Name :	P7
Client Sample ID :	CCB41	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:20:36	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	637	643	627	636	1.32	cps
Zirconium	90-1	500	708	617	608	17.16	cps
Zirconium	91-1	117	75	158	117	35.72	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2734	2967	3067	2923	5.85	cps
Antimony	121-1	15492	15693	15826	15670	1.07	cps
Arsenic	75-2	331	385	300	339	12.71	cps
Barium	135-1	19097	18922	19272	19097	0.92	cps
Barium	137-1	32948	33825	32046	32940	2.70	cps
Beryllium	9-1	3995	3723	3873	3864	3.53	cps
Bismuth	209-1	4024710	4030786	3979935	4011810	0.69	cps
Bismuth	209-2	1999626	1984695	1990675	1991665	0.38	cps
Boron	10-1	17477	18988	18771	18412	4.44	cps
Boron	11-1	76913	82089	81528	80177	3.54	cps
Cadmium	111-1	4235	4022	4270	4176	3.21	cps
Cadmium	106-1	3075	2825	3042	2981	4.55	cps
Cadmium	108-1	175	258	175	203	23.73	cps
Calcium	43-1	18496	18053	18153	18234	1.27	cps
Calcium	44-1	299144	303268	296012	299475	1.22	cps
Chromium	52-2	8583	8596	8416	8531	1.18	cps
Cobalt	59-2	5735	5691	5715	5713	0.38	cps
Copper	63-2	7602	7502	7832	7645	2.21	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	33	42	33	36	13.33	cps
Erbium	164-2	10	13	23	16	44.60	cps
Gadolinium	160-1	42	58	67	56	22.91	cps
Gadolinium	160-2	97	97	110	101	7.61	cps
Holmium	165-1	6689393	6649102	6555478	6631324	1.04	cps
Holmium	165-2	3305320	3268496	3257726	3277181	0.76	cps
Indium	115-1	5397655	5445445	5354273	5399124	0.84	cps
Indium	115-2	1033197	1027915	1034447	1031853	0.34	cps
Iron	56-2	154593	155312	156907	155604	0.76	cps
Iron	57-2	3756	4006	4178	3980	5.34	cps
Krypton	83-1	453	403	387	414	8.37	cps
Lead	206-1	5918	6196	5896	6003	2.79	cps
Lead	207-1	5729	5712	5457	5633	2.71	cps
Lead	208-1	24398	25232	24098	24576	2.39	cps
Lithium	6-1	2819904	2848953	2789376	2819411	1.06	cps
Magnesium	24-2	170872	171875	173332	172026	0.72	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2034	2214	2207	2151	4.74	cps
Molybdenum	94-1	20724	19422	19497	19881	3.68	cps
Molybdenum	95-1	24355	25165	24580	24700	1.69	cps
Molybdenum	96-1	27477	27477	27219	27391	0.55	cps
Molybdenum	97-1	14833	14975	15167	14992	1.12	cps
Molybdenum	98-1	37994	38946	38327	38422	1.26	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	3	3	0	2	86.60	cps
Nickel	60-2	1577	1663	1637	1626	2.73	cps
Phosphorus	31-2	208	283	175	222	24.97	cps
Potassium	39-2	165176	163541	164198	164305	0.50	cps
Rhodium	103-1	5467815	5526715	5443510	5479346	0.78	cps
Rhodium	103-2	2470357	2456981	2468396	2465245	0.29	cps
Scandium	45-1	5065402	5061045	4975977	5034141	1.00	cps
Scandium	45-2	233510	235211	235328	234683	0.43	cps
Selenium	77-2	37	37	53	42	22.78	cps
Selenium	78-2	202	224	230	219	6.73	cps
Selenium	82-1	975	998	1005	993	1.56	cps
Silicon	28-1	395552	393101	389001	392551	0.84	cps
Silver	109-1	11180	11121	11130	11144	0.28	cps
Silver	107-1	10971	11347	11188	11169	1.69	cps
Sodium	23-2	364562	363229	367517	365102	0.60	cps
Strontium	86-1	3726	3642	3759	3709	1.62	cps
Strontium	88-1	27110	26859	26592	26854	0.96	cps
Sulfur	34-1	509170	510395	520781	513449	1.24	cps
Terbium	159-1	6964419	6962827	6817368	6914871	1.22	cps
Terbium	159-2	3358090	3308191	3294127	3320136	1.01	cps
Thallium	203-1	6894	6610	7086	6863	3.48	cps
Thallium	205-1	17671	17228	16736	17212	2.72	cps
Thorium	232-1	26644	25932	25364	25980	2.47	cps
Tin	118-1	33023	33942	33917	33627	1.56	cps
Titanium	47-1	8561	9120	8578	8753	3.63	cps
Uranium	238-1	25835	25726	25208	25590	1.31	cps
Vanadium	51-2	14357	14684	14911	14651	1.90	cps
Yttrium	89-1	6465584	6408869	6371191	6415215	0.74	cps
Yttrium	89-2	939030	938044	943758	940277	0.32	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P7
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:24:35	DataFile Name :	023LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1873	1807	1847	1842	1.82	cps
Zirconium	90-1	18571	17369	16977	17639	4.71	cps
Zirconium	91-1	3934	4067	3976	3992	1.71	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	108	217	158	34.51	cps
Antimony	121-1	92	108	133	111	18.88	cps
Arsenic	75-2	7	9	4	7	41.70	cps
Barium	135-1	42	33	17	31	41.66	cps
Barium	137-1	50	92	42	61	43.83	cps
Beryllium	9-1	22	106	39	56	79.38	cps
Bismuth	209-1	4223767	4219294	4226876	4223312	0.09	cps
Bismuth	209-2	2103981	2094594	2092599	2097058	0.29	cps
Boron	10-1	1008	1125	1117	1083	6.01	cps
Boron	11-1	5076	5460	4651	5062	7.99	cps
Cadmium	111-1	2033	2227	2079	2113	4.79	cps
Cadmium	106-1	2900	3175	2959	3012	4.81	cps
Cadmium	108-1	8	13	0	7	91.66	cps
Calcium	43-1	375	417	375	389	6.19	cps
Calcium	44-1	14074	13899	13916	13963	0.69	cps
Chromium	52-2	453	390	473	439	9.91	cps
Cobalt	59-2	50	67	37	51	29.41	cps
Copper	63-2	250	237	273	253	7.33	cps
Dysprosium	156-1	8	0	0	3	173.21	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	25	8	19	49.50	cps
Erbium	164-2	13	7	17	12	41.65	cps
Gadolinium	160-1	33	92	58	61	47.89	cps
Gadolinium	160-2	123	80	100	101	21.45	cps
Holmium	165-1	6966141	6998339	6978576	6981018	0.23	cps
Holmium	165-2	3436200	3442451	3420492	3433048	0.33	cps
Indium	115-1	5748883	5666009	5676402	5697098	0.79	cps
Indium	115-2	1081915	1089726	1094260	1088634	0.57	cps
Iron	56-2	7630	8064	8586	8093	5.91	cps
Iron	57-2	289	278	217	261	14.89	cps
Krypton	83-1	340	397	343	360	8.83	cps
Lead	206-1	222	189	122	178	28.64	cps
Lead	207-1	161	111	150	141	18.65	cps
Lead	208-1	672	722	650	682	5.43	cps
Lithium	6-1	2978023	2956381	2950452	2961619	0.49	cps
Magnesium	24-2	825	692	933	817	14.82	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	63	47	53	16.53	cps
Molybdenum	94-1	308	342	367	339	8.64	cps
Molybdenum	95-1	175	175	183	178	2.71	cps
Molybdenum	96-1	208	175	267	217	21.41	cps
Molybdenum	97-1	117	117	167	133	21.65	cps
Molybdenum	98-1	217	325	250	264	21.03	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	30	37	27	31	16.37	cps
Phosphorus	31-2	275	208	133	206	34.48	cps
Potassium	39-2	24922	25356	25832	25370	1.79	cps
Rhodium	103-1	5748884	5756206	5779309	5761466	0.28	cps
Rhodium	103-2	2610759	2624958	2582139	2605952	0.84	cps
Scandium	45-1	5285266	5259670	5304932	5283289	0.43	cps
Scandium	45-2	247749	249335	248602	248562	0.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	65	54	67	62	11.36	cps
Selenium	82-1	27	-16	47	19	169.93	cps
Silicon	28-1	212875	212570	209277	211574	0.94	cps
Silver	109-1	67	83	83	78	12.37	cps
Silver	107-1	75	50	117	81	41.81	cps
Sodium	23-2	24362	23502	24262	24042	1.96	cps
Strontium	86-1	458	600	592	550	14.45	cps
Strontium	88-1	183	192	117	164	25.08	cps
Sulfur	34-1	506722	517276	516444	513481	1.14	cps
Terbium	159-1	7246928	7237237	7209692	7231286	0.27	cps
Terbium	159-2	3499394	3446706	3470252	3472117	0.76	cps
Thallium	203-1	83	67	83	78	12.37	cps
Thallium	205-1	158	208	167	178	15.07	cps
Thorium	232-1	156	211	178	181	15.41	cps
Tin	118-1	367	383	433	394	8.80	cps
Titanium	47-1	150	133	133	139	6.93	cps
Uranium	238-1	58	92	75	75	22.22	cps
Vanadium	51-2	13	13	23	17	34.65	cps
Yttrium	89-1	6766339	6747353	6781239	6764977	0.25	cps
Yttrium	89-2	991666	989308	994454	991809	0.26	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BL	Instrumnet Name :	P7
Client Sample ID :	PB113958BL	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:28:09	DataFile Name :	024CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1190	1163	1273	1209	4.75	cps
Zirconium	90-1	692	600	717	669	9.18	cps
Zirconium	91-1	183	100	133	139	30.20	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1333529	1345633	1355692	1344951	0.83	cps
Antimony	121-1	3893211	3919541	3836653	3883135	1.09	cps
Arsenic	75-2	166532	169904	170525	168987	1.27	cps
Barium	135-1	4888642	4889423	4789976	4856014	1.18	cps
Barium	137-1	8279097	8309294	8145808	8244733	1.06	cps
Beryllium	9-1	1744357	1751949	1707610	1734638	1.37	cps
Bismuth	209-1	3778411	3796893	3731498	3768934	0.89	cps
Bismuth	209-2	1872328	1871357	1870991	1871558	0.04	cps
Boron	10-1	318896	329532	327274	325234	1.72	cps
Boron	11-1	1447176	1491321	1473126	1470541	1.51	cps
Cadmium	111-1	1092165	1107533	1106897	1102198	0.79	cps
Cadmium	106-1	128865	130007	130039	129637	0.52	cps
Cadmium	108-1	87098	88554	87478	87710	0.86	cps
Calcium	43-1	1752026	1771673	1746225	1756641	0.76	cps
Calcium	44-1	29143758	29215590	28519414	28959587	1.32	cps
Chromium	52-2	1694571	1712573	1719040	1708728	0.74	cps
Cobalt	59-2	2499082	2504139	2504702	2502641	0.12	cps
Copper	63-2	3304700	3305554	3294419	3301557	0.19	cps
Dysprosium	156-1	100	75	75	83	17.32	cps
Dysprosium	156-2	77	93	63	78	19.33	cps
Erbium	164-1	58	33	50	47	26.97	cps
Erbium	164-2	17	13	30	20	44.10	cps
Gadolinium	160-1	50	133	67	83	52.92	cps
Gadolinium	160-2	100	93	120	104	13.28	cps
Holmium	165-1	6624188	6621840	6418826	6554951	1.80	cps
Holmium	165-2	3240667	3218618	3220052	3226446	0.38	cps
Indium	115-1	5065609	5087203	5030868	5061227	0.56	cps
Indium	115-2	1008885	1024407	1034698	1022663	1.27	cps
Iron	56-2	69432029	69183888	69535979	69383965	0.26	cps
Iron	57-2	1688128	1716280	1727311	1710573	1.18	cps
Krypton	83-1	370	337	367	358	5.13	cps
Lead	206-1	2861034	2877383	2799099	2845839	1.45	cps
Lead	207-1	2613942	2620672	2565911	2600175	1.15	cps
Lead	208-1	11539559	11638091	11357792	11511814	1.24	cps
Lithium	6-1	2717537	2719789	2685530	2707619	0.71	cps
Magnesium	24-2	16398280	16367893	16432125	16399433	0.20	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1962872	1938376	1968236	1956495	0.81	cps
Molybdenum	94-1	9640669	9685074	9416293	9580679	1.50	cps
Molybdenum	95-1	11675813	11806735	11420477	11634341	1.69	cps
Molybdenum	96-1	12746276	12833196	12512851	12697441	1.30	cps
Molybdenum	97-1	7315000	7361623	7166086	7280903	1.40	cps
Molybdenum	98-1	18395713	18339417	17928589	18221240	1.40	cps
Neodymium	150-1	347	393	340	360	8.07	cps
Neodymium	150-2	33	30	37	33	10.01	cps
Nickel	60-2	645704	657227	665013	655981	1.48	cps
Phosphorus	31-2	81389	79847	80928	80722	0.98	cps
Potassium	39-2	6745279	6682566	6773274	6733706	0.69	cps
Rhodium	103-1	5083246	5099256	5082511	5088338	0.19	cps
Rhodium	103-2	2312554	2306891	2294173	2304539	0.41	cps
Scandium	45-1	4835036	4888664	4760060	4827920	1.34	cps
Scandium	45-2	232545	236429	238810	235928	1.34	cps
Selenium	77-2	4861	4804	4918	4861	1.17	cps
Selenium	78-2	16163	16287	16018	16156	0.83	cps
Selenium	82-1	99272	102627	100239	100713	1.71	cps
Silicon	28-1	4984281	5058594	4975591	5006155	0.91	cps
Silver	109-1	5004762	5041994	4914263	4987006	1.32	cps
Silver	107-1	5249024	5245329	5209197	5234517	0.42	cps
Sodium	23-2	33755840	33736237	33706524	33732867	0.07	cps
Strontium	86-1	1449519	1474979	1459020	1461173	0.88	cps
Strontium	88-1	12604498	12707281	12491952	12601244	0.85	cps
Sulfur	34-1	1180468	1170583	1157457	1169503	0.99	cps
Terbium	159-1	6812142	6791067	6672233	6758481	1.12	cps
Terbium	159-2	3257026	3259627	3242161	3252938	0.29	cps
Thallium	203-1	3588759	3578609	3490212	3552527	1.53	cps
Thallium	205-1	8271167	8268238	8023264	8187556	1.74	cps
Thorium	232-1	12839357	12932081	12610170	12793869	1.30	cps
Tin	118-1	3395237	3441503	3370499	3402413	1.06	cps
Titanium	47-1	4147014	4173571	4066889	4129158	1.34	cps
Uranium	238-1	12437449	12537167	12203062	12392559	1.38	cps
Vanadium	51-2	1411667	1416813	1440088	1422856	1.06	cps
Yttrium	89-1	6214431	6241452	6139550	6198478	0.85	cps
Yttrium	89-2	941207	947102	961087	949799	1.08	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	PB113958BS	Instrumnet Name :	P7
Client Sample ID :	PB113958BS	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:31:43	DataFile Name :	025LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	505047	512103	518441	511864	1.31	cps
Zirconium	90-1	8116543	8150695	7982280	8083173	1.10	cps
Zirconium	91-1	1719452	1757229	1740482	1739055	1.09	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3883236	3896808	3896906	3892317	0.20	cps
Antimony	121-1	6744	6677	7486	6969	6.44	cps
Arsenic	75-2	14025	14011	14303	14113	1.17	cps
Barium	135-1	4508051	4526685	4505918	4513551	0.25	cps
Barium	137-1	7696122	7719406	7715224	7710251	0.16	cps
Beryllium	9-1	5779	6224	6062	6022	3.74	cps
Bismuth	209-1	3940136	3961428	3981188	3960917	0.52	cps
Bismuth	209-2	1962770	1969252	1968650	1966891	0.18	cps
Boron	10-1	12239	12564	12397	12400	1.31	cps
Boron	11-1	57393	59568	58824	58595	1.89	cps
Cadmium	111-1	10850	10848	10897	10865	0.25	cps
Cadmium	106-1	5293	5126	5318	5246	1.99	cps
Cadmium	108-1	1046	942	1004	997	5.26	cps
Calcium	43-1	1935796	1945050	1966770	1949205	0.82	cps
Calcium	44-1	32039364	31835252	32164179	32012932	0.52	cps
Chromium	52-2	298747	302088	305589	302141	1.13	cps
Cobalt	59-2	262195	265782	267899	265292	1.09	cps
Copper	63-2	1509826	1523966	1542794	1525529	1.08	cps
Dysprosium	156-1	66905	68497	68513	67972	1.36	cps
Dysprosium	156-2	33725	34123	34116	33988	0.67	cps
Erbium	164-1	58066	58133	58912	58370	0.81	cps
Erbium	164-2	28623	28841	28811	28758	0.41	cps
Gadolinium	160-1	58208	59706	59756	59223	1.49	cps
Gadolinium	160-2	32248	33237	33033	32839	1.59	cps
Holmium	165-1	6729817	6805222	6875154	6803398	1.07	cps
Holmium	165-2	3336016	3348758	3308868	3331214	0.61	cps
Indium	115-1	5345190	5353354	5324592	5341045	0.28	cps
Indium	115-2	1054493	1072029	1077533	1068018	1.13	cps
Iron	56-2	215263138	216196205	216522438	215993927	0.30	cps
Iron	57-2	5197472	5250863	5263965	5237433	0.67	cps
Krypton	83-1	470	543	497	503	7.37	cps
Lead	206-1	88489583	89372371	89281730	89047895	0.55	cps
Lead	207-1	73767016	74216246	74597474	74193579	0.56	cps
Lead	208-1	340553880	342352833	341805469	341570727	0.27	cps
Lithium	6-1	2877307	2890329	2881800	2883145	0.23	cps
Magnesium	24-2	3889092	3865898	3902366	3885785	0.47	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2505538	2530616	2534093	2523416	0.62	cps
Molybdenum	94-1	116540	115068	116596	116068	0.75	cps
Molybdenum	95-1	9529	9687	9629	9615	0.83	cps
Molybdenum	96-1	29440	31252	31527	30740	3.69	cps
Molybdenum	97-1	5910	6118	5826	5951	2.53	cps
Molybdenum	98-1	14850	15534	15292	15225	2.28	cps
Neodymium	150-1	104050	106409	103943	104801	1.33	cps
Neodymium	150-2	40988	41486	42338	41604	1.64	cps
Nickel	60-2	287235	290653	292344	290077	0.90	cps
Phosphorus	31-2	13757	13315	12814	13295	3.55	cps
Potassium	39-2	895541	906130	915588	905753	1.11	cps
Rhodium	103-1	5324598	5374031	5344245	5347624	0.47	cps
Rhodium	103-2	2432293	2434921	2436365	2434526	0.08	cps
Scandium	45-1	5270472	5233863	5286098	5263478	0.51	cps
Scandium	45-2	249258	250806	255051	251705	1.19	cps
Selenium	77-2	277	313	323	304	8.07	cps
Selenium	78-2	306	291	328	308	6.05	cps
Selenium	82-1	363	341	354	353	3.24	cps
Silicon	28-1	8941115	9118635	9150930	9070227	1.25	cps
Silver	109-1	19639	20449	20499	20196	2.39	cps
Silver	107-1	21358	21041	21467	21289	1.04	cps
Sodium	23-2	536541	540040	549584	542055	1.25	cps
Strontium	86-1	459611	459017	460676	459768	0.18	cps
Strontium	88-1	3805397	3794559	3811090	3803682	0.22	cps
Sulfur	34-1	567852	571185	577815	572284	0.89	cps
Terbium	159-1	7018104	7012868	6988405	7006459	0.23	cps
Terbium	159-2	3342035	3363078	3355083	3353399	0.32	cps
Thallium	203-1	2442	2492	2675	2536	4.85	cps
Thallium	205-1	5993	6252	5768	6004	4.03	cps
Thorium	232-1	245562	249922	249756	248413	0.99	cps
Tin	118-1	1384594	1386702	1397458	1389584	0.50	cps
Titanium	47-1	1115345	1116849	1120610	1117601	0.24	cps
Uranium	238-1	56205	56214	56557	56325	0.36	cps
Vanadium	51-2	254064	255310	256647	255340	0.51	cps
Yttrium	89-1	7292806	7314059	7302176	7303014	0.15	cps
Yttrium	89-2	1101130	1112060	1122920	1112037	0.98	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:42:28	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	1608764	1630286	1649445	1629498	1.25	cps
Zirconium	90-1	297218	301570	301738	300175	0.85	cps
Zirconium	91-1	67024	65618	67015	66552	1.22	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3079405	3028117	3033557	3047026	0.92	cps
Antimony	121-1	542	567	600	569	5.14	cps
Arsenic	75-2	11243	11493	11569	11435	1.49	cps
Barium	135-1	97717	98556	97944	98072	0.44	cps
Barium	137-1	169876	167692	168352	168640	0.66	cps
Beryllium	9-1	7402	6763	6546	6904	6.45	cps
Bismuth	209-1	3883026	3868523	3903809	3885120	0.46	cps
Bismuth	209-2	1964987	1958181	1938026	1953731	0.72	cps
Boron	10-1	8219	8044	8828	8364	4.92	cps
Boron	11-1	39511	38884	40488	39628	2.04	cps
Cadmium	111-1	3618	3493	3440	3517	2.59	cps
Cadmium	106-1	4959	4451	4743	4718	5.41	cps
Cadmium	108-1	529	425	513	489	11.45	cps
Calcium	43-1	250714	247053	248866	248877	0.74	cps
Calcium	44-1	3940076	3933176	3939769	3937674	0.10	cps
Chromium	52-2	227967	227411	227158	227512	0.18	cps
Cobalt	59-2	212201	212887	213127	212738	0.23	cps
Copper	63-2	253874	252566	253098	253179	0.26	cps
Dysprosium	156-1	116239	115432	118955	116875	1.58	cps
Dysprosium	156-2	59458	58909	58681	59016	0.68	cps
Erbium	164-1	95366	94871	93519	94585	1.01	cps
Erbium	164-2	45452	46295	45980	45909	0.93	cps
Gadolinium	160-1	110317	109073	108647	109346	0.79	cps
Gadolinium	160-2	59448	58738	59472	59219	0.70	cps
Holmium	165-1	6697965	6696354	6739293	6711204	0.36	cps
Holmium	165-2	3335974	3332793	3299241	3322669	0.61	cps
Indium	115-1	5336393	5321293	5343113	5333600	0.21	cps
Indium	115-2	1079094	1087642	1084067	1083601	0.40	cps
Iron	56-2	182912804	181019026	182125904	182019245	0.52	cps
Iron	57-2	4397374	4408493	4396457	4400775	0.15	cps
Krypton	83-1	610	633	617	620	1.94	cps
Lead	206-1	527439	523790	529186	526805	0.52	cps
Lead	207-1	440718	445546	441645	442636	0.58	cps
Lead	208-1	2044038	2033998	2041790	2039942	0.26	cps
Lithium	6-1	2846780	2869588	2851244	2855871	0.42	cps
Magnesium	24-2	4680016	4656124	4631737	4655959	0.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1697764	1697506	1695033	1696768	0.09	cps
Molybdenum	94-1	131988	131038	128963	130663	1.18	cps
Molybdenum	95-1	4709	5159	4809	4893	4.83	cps
Molybdenum	96-1	28838	28513	27778	28376	1.91	cps
Molybdenum	97-1	3059	2867	2750	2892	5.38	cps
Molybdenum	98-1	7661	7752	7719	7711	0.60	cps
Neodymium	150-1	188228	190330	188996	189185	0.56	cps
Neodymium	150-2	72178	73052	72395	72542	0.63	cps
Nickel	60-2	256752	257807	256135	256898	0.33	cps
Phosphorus	31-2	9945	10412	9895	10084	2.83	cps
Potassium	39-2	1120295	1114738	1125919	1120317	0.50	cps
Rhodium	103-1	5365962	5399619	5369706	5378429	0.34	cps
Rhodium	103-2	2446083	2427513	2417739	2430445	0.59	cps
Scandium	45-1	5255718	5259636	5224930	5246761	0.36	cps
Scandium	45-2	252007	254228	252367	252867	0.47	cps
Selenium	77-2	453	550	533	512	10.09	cps
Selenium	78-2	448	435	415	433	3.88	cps
Selenium	82-1	270	317	299	296	8.03	cps
Silicon	28-1	2574492	2683828	2625910	2628077	2.08	cps
Silver	109-1	1717	1658	1959	1778	8.95	cps
Silver	107-1	2100	2159	2209	2156	2.52	cps
Sodium	23-2	398011	403276	398497	399928	0.73	cps
Strontium	86-1	103689	103447	105393	104176	1.02	cps
Strontium	88-1	887402	870932	879661	879331	0.94	cps
Sulfur	34-1	426188	427259	423592	425679	0.44	cps
Terbium	159-1	6953776	7010539	6943943	6969419	0.52	cps
Terbium	159-2	3362928	3391264	3371918	3375370	0.43	cps
Thallium	203-1	2259	2292	2242	2264	1.12	cps
Thallium	205-1	5193	5010	5643	5282	6.17	cps
Thorium	232-1	427743	426805	428305	427618	0.18	cps
Tin	118-1	10746	10863	10679	10763	0.86	cps
Titanium	47-1	795292	796176	784770	792079	0.80	cps
Uranium	238-1	65549	65332	64904	65261	0.50	cps
Vanadium	51-2	203861	204199	204456	204172	0.15	cps
Yttrium	89-1	7744961	7692641	7807017	7748206	0.74	cps
Yttrium	89-2	1177798	1178981	1178109	1178296	0.05	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:46:12	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	177571	177092	177238	177300	0.14	cps
Zirconium	90-1	352666	346834	353808	351102	1.07	cps
Zirconium	91-1	78197	77535	80594	78775	2.04	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2150516	2160966	2157635	2156372	0.25	cps
Antimony	121-1	1067	1200	1033	1100	8.02	cps
Arsenic	75-2	48332	48932	48637	48633	0.62	cps
Barium	135-1	78824	79896	78371	79030	0.99	cps
Barium	137-1	132553	137364	135026	134981	1.78	cps
Beryllium	9-1	4306	4212	4240	4253	1.14	cps
Bismuth	209-1	3770111	3841049	3820499	3810553	0.96	cps
Bismuth	209-2	1916989	1925304	1924433	1922242	0.24	cps
Boron	10-1	7377	6969	7435	7260	3.50	cps
Boron	11-1	34708	34432	34223	34454	0.71	cps
Cadmium	111-1	3408	3386	3595	3463	3.31	cps
Cadmium	106-1	3926	3901	4159	3995	3.57	cps
Cadmium	108-1	379	408	375	388	4.69	cps
Calcium	43-1	241563	247067	243253	243961	1.16	cps
Calcium	44-1	3807190	3878079	3832484	3839251	0.94	cps
Chromium	52-2	519593	527407	526834	524611	0.83	cps
Cobalt	59-2	157980	158292	160028	158767	0.70	cps
Copper	63-2	175079	177492	178364	176979	0.96	cps
Dysprosium	156-1	80478	84400	80963	81947	2.61	cps
Dysprosium	156-2	39363	40439	39891	39898	1.35	cps
Erbium	164-1	61732	63206	61104	62014	1.74	cps
Erbium	164-2	29395	29566	29549	29503	0.32	cps
Gadolinium	160-1	69645	73104	70238	70996	2.61	cps
Gadolinium	160-2	37866	38507	39223	38532	1.76	cps
Holmium	165-1	6456193	6614478	6580077	6550249	1.27	cps
Holmium	165-2	3239408	3244826	3252805	3245680	0.21	cps
Indium	115-1	5135038	5248850	5219679	5201189	1.14	cps
Indium	115-2	1048390	1056244	1059495	1054710	0.54	cps
Iron	56-2	134759334	134726450	134362947	134616244	0.16	cps
Iron	57-2	3255262	3258033	3285681	3266325	0.51	cps
Krypton	83-1	543	583	527	551	5.28	cps
Lead	206-1	632081	651380	647246	643569	1.58	cps
Lead	207-1	533445	545826	538465	539245	1.15	cps
Lead	208-1	2453238	2521902	2478000	2484380	1.40	cps
Lithium	6-1	2739101	2782812	2746870	2756261	0.85	cps
Magnesium	24-2	3195540	3200789	3226452	3207594	0.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1344246	1346023	1352876	1347715	0.34	cps
Molybdenum	94-1	93681	95653	94973	94769	1.06	cps
Molybdenum	95-1	3159	3559	3376	3364	5.95	cps
Molybdenum	96-1	20541	20465	19697	20234	2.31	cps
Molybdenum	97-1	2134	2359	2192	2228	5.24	cps
Molybdenum	98-1	5134	5501	5326	5321	3.45	cps
Neodymium	150-1	131678	136660	134894	134411	1.88	cps
Neodymium	150-2	50843	52780	53272	52299	2.46	cps
Nickel	60-2	214088	214894	214299	214427	0.19	cps
Phosphorus	31-2	9195	9762	8836	9264	5.04	cps
Potassium	39-2	783850	794822	782345	787006	0.87	cps
Rhodium	103-1	5176640	5291136	5234625	5234134	1.09	cps
Rhodium	103-2	2393660	2424133	2398486	2405426	0.68	cps
Scandium	45-1	4967529	4983189	5014155	4988291	0.48	cps
Scandium	45-2	242169	243927	242543	242880	0.38	cps
Selenium	77-2	360	477	373	403	15.83	cps
Selenium	78-2	346	319	346	337	4.76	cps
Selenium	82-1	179	129	173	160	17.04	cps
Silicon	28-1	2861975	2710740	2795674	2789463	2.72	cps
Silver	109-1	1909	2150	2459	2172	12.69	cps
Silver	107-1	2284	2425	2442	2384	3.65	cps
Sodium	23-2	287306	296879	288277	290821	1.81	cps
Strontium	86-1	88849	90819	89914	89861	1.10	cps
Strontium	88-1	748219	761510	761368	757032	1.01	cps
Sulfur	34-1	428706	429399	430993	429699	0.27	cps
Terbium	159-1	6697229	6820154	6812414	6776599	1.02	cps
Terbium	159-2	3277663	3308852	3277908	3288141	0.55	cps
Thallium	203-1	1408	1508	1433	1450	3.59	cps
Thallium	205-1	3301	3526	3876	3567	8.12	cps
Thorium	232-1	543504	545139	542099	543581	0.28	cps
Tin	118-1	21494	20582	20883	20986	2.21	cps
Titanium	47-1	677027	684859	681822	681236	0.58	cps
Uranium	238-1	62033	61981	62241	62085	0.22	cps
Vanadium	51-2	181285	181912	182243	181813	0.27	cps
Yttrium	89-1	6968358	7062952	7111464	7047591	1.03	cps
Yttrium	89-2	1075322	1093237	1088790	1085783	0.86	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:49:48	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	258166	260702	260886	259918	0.58	cps
Zirconium	90-1	256207	256788	253023	255339	0.79	cps
Zirconium	91-1	56872	58629	57475	57658	1.55	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2579391	2592376	2580787	2584185	0.28	cps
Antimony	121-1	758	608	883	750	18.36	cps
Arsenic	75-2	6211	6257	6383	6284	1.42	cps
Barium	135-1	126193	129053	129523	128256	1.41	cps
Barium	137-1	220018	221013	221541	220857	0.35	cps
Beryllium	9-1	6018	5940	6035	5998	0.84	cps
Bismuth	209-1	3828439	3849088	3881066	3852864	0.69	cps
Bismuth	209-2	1940028	1942439	1960826	1947764	0.58	cps
Boron	10-1	9412	9478	9637	9509	1.22	cps
Boron	11-1	40630	41500	43372	41834	3.35	cps
Cadmium	111-1	4737	4740	4849	4775	1.33	cps
Cadmium	106-1	4451	4584	4684	4573	2.56	cps
Cadmium	108-1	571	575	538	561	3.66	cps
Calcium	43-1	730151	736896	731387	732811	0.49	cps
Calcium	44-1	11689019	11672546	11645290	11668952	0.19	cps
Chromium	52-2	359673	364750	366035	363486	0.93	cps
Cobalt	59-2	195379	200013	202303	199231	1.77	cps
Copper	63-2	326748	330615	327814	328392	0.61	cps
Dysprosium	156-1	86707	89374	87429	87837	1.57	cps
Dysprosium	156-2	43542	43693	43301	43512	0.45	cps
Erbium	164-1	72309	71338	72468	72038	0.85	cps
Erbium	164-2	34420	34844	35573	34946	1.67	cps
Gadolinium	160-1	78794	79531	79984	79437	0.76	cps
Gadolinium	160-2	43101	43335	43857	43431	0.89	cps
Holmium	165-1	6574277	6662667	6678557	6638500	0.85	cps
Holmium	165-2	3291968	3310751	3332667	3311795	0.62	cps
Indium	115-1	5257724	5316898	5223841	5266154	0.89	cps
Indium	115-2	1065035	1086230	1084813	1078693	1.10	cps
Iron	56-2	162492054	164310270	163836726	163546350	0.58	cps
Iron	57-2	3944755	3981182	3977725	3967888	0.51	cps
Krypton	83-1	560	493	533	529	6.34	cps
Lead	206-1	582409	587511	593134	587684	0.91	cps
Lead	207-1	486443	485847	491655	487982	0.65	cps
Lead	208-1	2252156	2254629	2275949	2260911	0.58	cps
Lithium	6-1	2777040	2789540	2793045	2786542	0.30	cps
Magnesium	24-2	4393238	4397389	4386397	4392341	0.13	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1350219	1362271	1367437	1359976	0.65	cps
Molybdenum	94-1	116355	115707	119588	117217	1.77	cps
Molybdenum	95-1	5193	5051	5026	5090	1.77	cps
Molybdenum	96-1	25432	26743	26734	26303	2.87	cps
Molybdenum	97-1	3434	3200	3376	3337	3.64	cps
Molybdenum	98-1	8895	8720	9028	8881	1.74	cps
Neodymium	150-1	139021	141358	142785	141055	1.35	cps
Neodymium	150-2	53249	54782	54748	54260	1.61	cps
Nickel	60-2	293703	297271	296259	295744	0.62	cps
Phosphorus	31-2	11305	10512	10813	10877	3.68	cps
Potassium	39-2	971489	988522	979634	979882	0.87	cps
Rhodium	103-1	5273083	5291914	5305442	5290146	0.31	cps
Rhodium	103-2	2426922	2441853	2446585	2438453	0.42	cps
Scandium	45-1	5122239	5147297	5137145	5135560	0.25	cps
Scandium	45-2	246733	250893	252668	250098	1.22	cps
Selenium	77-2	400	337	387	374	8.92	cps
Selenium	78-2	363	356	378	365	3.10	cps
Selenium	82-1	104	250	279	211	44.38	cps
Silicon	28-1	14006446	14396742	14200864	14201351	1.37	cps
Silver	109-1	2442	2559	2584	2528	2.99	cps
Silver	107-1	3200	2925	2800	2975	6.88	cps
Sodium	23-2	305135	305836	310203	307058	0.89	cps
Strontium	86-1	217168	219070	221577	219271	1.01	cps
Strontium	88-1	1805383	1818224	1821956	1815188	0.48	cps
Sulfur	34-1	444787	444498	443321	444202	0.17	cps
Terbium	159-1	6800637	6921423	6850071	6857377	0.89	cps
Terbium	159-2	3318997	3328993	3360333	3336108	0.65	cps
Thallium	203-1	1925	2217	2092	2078	7.04	cps
Thallium	205-1	4593	5151	4551	4765	7.03	cps
Thorium	232-1	439686	439840	443728	441084	0.52	cps
Tin	118-1	18404	19072	18480	18652	1.96	cps
Titanium	47-1	865036	857532	858874	860480	0.47	cps
Uranium	238-1	54263	53996	55042	54434	1.00	cps
Vanadium	51-2	185452	189658	189935	188348	1.33	cps
Yttrium	89-1	7345028	7407387	7399356	7383923	0.46	cps
Yttrium	89-2	1118105	1140724	1140929	1133253	1.16	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:53:25	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	126734	129209	130910	128951	1.63	cps
Zirconium	90-1	308484	310390	309324	309399	0.31	cps
Zirconium	91-1	68961	69913	70089	69654	0.87	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14826136	14898121	14843898	14856052	0.25	cps
Antimony	121-1	1759	1633	1900	1764	7.56	cps
Arsenic	75-2	12465	12646	12544	12552	0.73	cps
Barium	135-1	1832839	1841377	1856445	1843554	0.65	cps
Barium	137-1	3113706	3111444	3155445	3126865	0.79	cps
Beryllium	9-1	31311	31322	32107	31580	1.45	cps
Bismuth	209-1	3703787	3707030	3733660	3714826	0.44	cps
Bismuth	209-2	1849220	1859748	1874266	1861078	0.68	cps
Boron	10-1	11021	10954	11688	11221	3.62	cps
Boron	11-1	50995	52116	54324	52478	3.23	cps
Cadmium	111-1	6363	6519	6303	6395	1.74	cps
Cadmium	106-1	5776	5676	5576	5676	1.76	cps
Cadmium	108-1	1092	1025	1025	1047	3.68	cps
Calcium	43-1	592404	595257	598307	595323	0.50	cps
Calcium	44-1	9481381	9587612	9582244	9550412	0.63	cps
Chromium	52-2	494927	505090	503289	501102	1.08	cps
Cobalt	59-2	469313	472676	477541	473177	0.87	cps
Copper	63-2	425492	433280	437245	432006	1.38	cps
Dysprosium	156-1	192813	191285	195466	193188	1.10	cps
Dysprosium	156-2	96613	97774	99926	98104	1.71	cps
Erbium	164-1	152797	154687	156807	154764	1.30	cps
Erbium	164-2	74270	76690	76720	75893	1.85	cps
Gadolinium	160-1	178576	181504	181885	180655	1.00	cps
Gadolinium	160-2	98732	101417	101764	100638	1.65	cps
Holmium	165-1	6562930	6552149	6612494	6575858	0.49	cps
Holmium	165-2	3253199	3279278	3273938	3268805	0.42	cps
Indium	115-1	5057877	5047024	5079360	5061420	0.33	cps
Indium	115-2	1015015	1035857	1036424	1029099	1.19	cps
Iron	56-2	416137443	416620398	417971743	416909861	0.23	cps
Iron	57-2	10109712	10086459	10092128	10096100	0.12	cps
Krypton	83-1	643	770	690	701	9.14	cps
Lead	206-1	1347107	1398864	1401690	1382554	2.22	cps
Lead	207-1	1125733	1154812	1169715	1150087	1.94	cps
Lead	208-1	5250694	5357247	5385732	5331225	1.34	cps
Lithium	6-1	2964307	2949912	2967055	2960425	0.31	cps
Magnesium	24-2	13366426	13408646	13540578	13438550	0.68	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	15113381	15183424	15169989	15155598	0.25	cps
Molybdenum	94-1	225528	226128	227592	226416	0.47	cps
Molybdenum	95-1	8069	7227	7686	7661	5.50	cps
Molybdenum	96-1	49177	51084	49219	49827	2.19	cps
Molybdenum	97-1	4559	4726	4843	4709	3.02	cps
Molybdenum	98-1	11422	11422	11380	11408	0.21	cps
Neodymium	150-1	290380	287860	295555	291265	1.35	cps
Neodymium	150-2	113475	116301	116624	115466	1.50	cps
Nickel	60-2	266176	269750	273644	269857	1.38	cps
Phosphorus	31-2	40556	40999	42378	41311	2.30	cps
Potassium	39-2	2584938	2591101	2602303	2592781	0.34	cps
Rhodium	103-1	5042359	5062633	5039588	5048193	0.25	cps
Rhodium	103-2	2294944	2308632	2301580	2301718	0.30	cps
Scandium	45-1	5325151	5345455	5357132	5342579	0.30	cps
Scandium	45-2	253462	255770	259551	256261	1.20	cps
Selenium	77-2	947	973	850	923	7.03	cps
Selenium	78-2	674	693	667	678	1.97	cps
Selenium	82-1	734	651	800	729	10.26	cps
Silicon	28-1	3927998	3910175	3741545	3859906	2.67	cps
Silver	109-1	5960	6302	6493	6252	4.32	cps
Silver	107-1	7110	6794	7177	7027	2.92	cps
Sodium	23-2	952770	966379	978977	966042	1.36	cps
Strontium	86-1	317801	317342	322733	319292	0.94	cps
Strontium	88-1	2623932	2622839	2645488	2630753	0.49	cps
Sulfur	34-1	434513	426977	422084	427858	1.46	cps
Terbium	159-1	6759427	6808688	6844250	6804121	0.63	cps
Terbium	159-2	3287969	3297785	3315012	3300255	0.41	cps
Thallium	203-1	9028	8912	9454	9131	3.12	cps
Thallium	205-1	22161	22445	21877	22161	1.28	cps
Thorium	232-1	945025	961745	977864	961545	1.71	cps
Tin	118-1	5718	6077	5676	5824	3.78	cps
Titanium	47-1	399156	397646	403535	400112	0.76	cps
Uranium	238-1	159241	161796	162699	161245	1.11	cps
Vanadium	51-2	576423	584693	588323	583146	1.05	cps
Yttrium	89-1	8333514	8378463	8371608	8361195	0.29	cps
Yttrium	89-2	1258886	1280417	1277049	1272117	0.91	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01	Instrumnet Name :	P7
Client Sample ID :	TS-06	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 19:57:02	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	295732	298815	300370	298306	0.79	cps
Zirconium	90-1	602678	610697	611753	608376	0.82	cps
Zirconium	91-1	135839	137622	138784	137415	1.08	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18206167	18212787	18046582	18155178	0.52	cps
Antimony	121-1	2025	1984	1909	1972	3.00	cps
Arsenic	75-2	12900	13015	13032	12982	0.55	cps
Barium	135-1	2167654	2194694	2167425	2176591	0.72	cps
Barium	137-1	3678444	3719254	3699992	3699230	0.55	cps
Beryllium	9-1	36494	37135	36912	36847	0.88	cps
Bismuth	209-1	3574591	3709947	3743133	3675890	2.43	cps
Bismuth	209-2	1882919	1881488	1867646	1877351	0.45	cps
Boron	10-1	14141	15267	14316	14574	4.16	cps
Boron	11-1	70022	70833	70322	70393	0.58	cps
Cadmium	111-1	7585	7515	7426	7509	1.06	cps
Cadmium	106-1	6210	6193	6002	6135	1.89	cps
Cadmium	108-1	1138	1179	1013	1110	7.82	cps
Calcium	43-1	599032	598747	604458	600746	0.54	cps
Calcium	44-1	9597667	9575375	9650817	9607953	0.40	cps
Chromium	52-2	572781	577661	574722	575054	0.43	cps
Cobalt	59-2	630904	636648	630499	632684	0.54	cps
Copper	63-2	473894	474630	477210	475245	0.37	cps
Dysprosium	156-1	216718	220436	218861	218672	0.85	cps
Dysprosium	156-2	110483	111423	110415	110774	0.51	cps
Erbium	164-1	178486	179416	181659	179854	0.91	cps
Erbium	164-2	86780	87474	87981	87411	0.69	cps
Gadolinium	160-1	200978	206723	204854	204185	1.43	cps
Gadolinium	160-2	112823	112698	114127	113216	0.70	cps
Holmium	165-1	6440650	6606263	6604562	6550491	1.45	cps
Holmium	165-2	3317051	3323574	3297272	3312632	0.41	cps
Indium	115-1	4917056	5071381	5124891	5037776	2.14	cps
Indium	115-2	1026950	1035405	1035701	1032685	0.48	cps
Iron	56-2	444079010	434158110	434564210	437600443	1.28	cps
Iron	57-2	10700250	10596608	10502056	10599638	0.94	cps
Krypton	83-1	843	750	787	793	5.93	cps
Lead	206-1	1635010	1644604	1642034	1640550	0.30	cps
Lead	207-1	1300346	1322964	1321394	1314901	0.96	cps
Lead	208-1	6206495	6265224	6251551	6241090	0.49	cps
Lithium	6-1	2917926	3004354	3005111	2975797	1.68	cps
Magnesium	24-2	17165054	17112260	16941981	17073098	0.68	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	22676157	22332660	22333026	22447281	0.88	cps
Molybdenum	94-1	268427	271960	271178	270522	0.69	cps
Molybdenum	95-1	9328	8995	9212	9178	1.84	cps
Molybdenum	96-1	57299	57985	58973	58086	1.45	cps
Molybdenum	97-1	5360	5435	5109	5301	3.21	cps
Molybdenum	98-1	13324	13399	13966	13563	2.59	cps
Neodymium	150-1	326406	334352	331602	330787	1.22	cps
Neodymium	150-2	129574	130331	130786	130230	0.47	cps
Nickel	60-2	347395	351996	349420	349604	0.66	cps
Phosphorus	31-2	43974	44291	44225	44163	0.38	cps
Potassium	39-2	3375885	3362702	3331290	3356626	0.68	cps
Rhodium	103-1	4855453	4974385	5016514	4948784	1.69	cps
Rhodium	103-2	2324615	2317854	2304471	2315646	0.44	cps
Scandium	45-1	5249518	5355174	5465937	5356876	2.02	cps
Scandium	45-2	261477	263862	264863	263401	0.66	cps
Selenium	77-2	1063	1017	1023	1034	2.44	cps
Selenium	78-2	698	824	672	732	11.11	cps
Selenium	82-1	653	954	841	816	18.62	cps
Silicon	28-1	5153343	5717610	5329793	5400249	5.35	cps
Silver	109-1	6610	6885	7110	6869	3.65	cps
Silver	107-1	7677	7686	8144	7836	3.41	cps
Sodium	23-2	945634	940780	939105	941840	0.36	cps
Strontium	86-1	330548	336837	335387	334257	0.99	cps
Strontium	88-1	2778082	2776158	2768564	2774268	0.18	cps
Sulfur	34-1	426344	428067	427369	427260	0.20	cps
Terbium	159-1	6615144	6847152	6907100	6789799	2.27	cps
Terbium	159-2	3381256	3337689	3339570	3352838	0.73	cps
Thallium	203-1	11289	10855	11355	11166	2.43	cps
Thallium	205-1	25901	26352	27246	26500	2.58	cps
Thorium	232-1	1060212	1073189	1074333	1069245	0.73	cps
Tin	118-1	7352	7052	7811	7405	5.16	cps
Titanium	47-1	527243	528694	534966	530301	0.77	cps
Uranium	238-1	159531	162055	162099	161228	0.91	cps
Vanadium	51-2	598298	600738	603065	600700	0.40	cps
Yttrium	89-1	8606007	8752719	8714571	8691099	0.88	cps
Yttrium	89-2	1330541	1339302	1341026	1336956	0.42	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02	Instrumnet Name :	P7
Client Sample ID :	TS-07	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:00:38	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	368176	370686	368910	369257	0.35	cps
Zirconium	90-1	719561	721985	725360	722302	0.40	cps
Zirconium	91-1	161653	165123	164652	163809	1.15	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18271462	18246356	18370302	18296040	0.36	cps
Antimony	121-1	2109	1942	2292	2114	8.28	cps
Arsenic	75-2	12615	12872	12724	12737	1.02	cps
Barium	135-1	2055563	2050273	2077200	2061012	0.69	cps
Barium	137-1	3515023	3497156	3508900	3507026	0.26	cps
Beryllium	9-1	36372	35971	36477	36273	0.74	cps
Bismuth	209-1	3800108	3767514	3797109	3788243	0.48	cps
Bismuth	209-2	1877951	1879562	1886898	1881470	0.25	cps
Boron	10-1	12072	11955	12564	12197	2.65	cps
Boron	11-1	56389	56398	57644	56811	1.27	cps
Cadmium	111-1	7494	7755	7473	7574	2.07	cps
Cadmium	106-1	7069	7569	7219	7286	3.52	cps
Cadmium	108-1	1221	1396	1329	1315	6.72	cps
Calcium	43-1	502897	508287	508164	506449	0.61	cps
Calcium	44-1	8065838	8106866	8095609	8089438	0.26	cps
Chromium	52-2	584861	597314	590293	590823	1.06	cps
Cobalt	59-2	618142	625987	628977	624369	0.90	cps
Copper	63-2	451519	458222	461664	457135	1.13	cps
Dysprosium	156-1	244632	248659	248284	247192	0.90	cps
Dysprosium	156-2	124355	127144	126956	126152	1.24	cps
Erbium	164-1	204206	206083	204856	205049	0.46	cps
Erbium	164-2	98327	99317	101375	99673	1.56	cps
Gadolinium	160-1	236001	240259	242357	239539	1.35	cps
Gadolinium	160-2	130291	134074	133886	132750	1.61	cps
Holmium	165-1	6786522	6713666	6844961	6781716	0.97	cps
Holmium	165-2	3319332	3339043	3350220	3336198	0.47	cps
Indium	115-1	5206828	5171048	5149974	5175950	0.56	cps
Indium	115-2	1024042	1047585	1062412	1044680	1.85	cps
Iron	56-2	439753188	440703865	438566476	439674510	0.24	cps
Iron	57-2	10651559	10606680	10650900	10636380	0.24	cps
Krypton	83-1	840	850	897	862	3.51	cps
Lead	206-1	1241777	1257721	1268853	1256117	1.08	cps
Lead	207-1	1026000	1056486	1064725	1049070	1.94	cps
Lead	208-1	4814187	4855567	4906550	4858768	0.95	cps
Lithium	6-1	3068321	3087618	3106506	3087482	0.62	cps
Magnesium	24-2	17962118	18042985	17962550	17989218	0.26	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	16637411	16686066	16641894	16655124	0.16	cps
Molybdenum	94-1	320813	328163	330805	326594	1.59	cps
Molybdenum	95-1	8836	9679	9312	9276	4.55	cps
Molybdenum	96-1	66573	67594	68264	67477	1.26	cps
Molybdenum	97-1	5560	5268	5401	5410	2.70	cps
Molybdenum	98-1	14091	14341	14208	14213	0.88	cps
Neodymium	150-1	358524	362670	360556	360583	0.57	cps
Neodymium	150-2	142812	144133	143924	143623	0.49	cps
Nickel	60-2	360797	369445	368213	366152	1.28	cps
Phosphorus	31-2	49283	48588	46657	48176	2.82	cps
Potassium	39-2	3939493	3944885	3922356	3935578	0.30	cps
Rhodium	103-1	5124670	5128987	5143001	5132219	0.19	cps
Rhodium	103-2	2322219	2340267	2347791	2336759	0.56	cps
Scandium	45-1	5607410	5628473	5621624	5619169	0.19	cps
Scandium	45-2	269089	272304	272603	271332	0.72	cps
Selenium	77-2	1177	1207	1220	1201	1.85	cps
Selenium	78-2	822	782	802	802	2.54	cps
Selenium	82-1	779	845	838	821	4.45	cps
Silicon	28-1	6701078	7065647	7011734	6926153	2.84	cps
Silver	109-1	6360	6318	6118	6266	2.06	cps
Silver	107-1	7069	6744	7002	6938	2.48	cps
Sodium	23-2	933956	945971	942250	940726	0.65	cps
Strontium	86-1	240072	242336	242640	241683	0.58	cps
Strontium	88-1	2000284	2004218	2002058	2002187	0.10	cps
Sulfur	34-1	493419	487370	493295	491361	0.70	cps
Terbium	159-1	6978446	6987084	7017416	6994315	0.29	cps
Terbium	159-2	3368054	3383554	3386567	3379392	0.29	cps
Thallium	203-1	10321	10405	10997	10574	3.48	cps
Thallium	205-1	25300	25818	26277	25798	1.89	cps
Thorium	232-1	1108770	1124169	1121240	1118060	0.73	cps
Tin	118-1	5985	6035	5610	5876	3.95	cps
Titanium	47-1	430093	432366	435889	432782	0.67	cps
Uranium	238-1	218970	218698	222759	220143	1.03	cps
Vanadium	51-2	551297	558835	561232	557121	0.93	cps
Yttrium	89-1	9134499	9160074	9218607	9171060	0.47	cps
Yttrium	89-2	1375322	1389666	1397146	1387378	0.80	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03	Instrumnet Name :	P7
Client Sample ID :	TS-08	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:04:14	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	365578	372191	370585	369451	0.93	cps
Zirconium	90-1	908358	875234	885515	889702	1.91	cps
Zirconium	91-1	197474	198651	198270	198132	0.30	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:11:29	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7471794	7515743	7503480	7497006	0.30	cps
Antimony	121-1	3870742	3892375	3889497	3884205	0.30	cps
Arsenic	75-2	163747	167455	167270	166157	1.26	cps
Barium	135-1	4996345	4988194	4998119	4994219	0.11	cps
Barium	137-1	8476154	8409806	8486046	8457335	0.49	cps
Beryllium	9-1	1718671	1729818	1751631	1733373	0.97	cps
Bismuth	209-1	3540630	3534971	3553886	3543163	0.27	cps
Bismuth	209-2	1765809	1756388	1757723	1759973	0.29	cps
Boron	10-1	315877	325876	332517	324756	2.58	cps
Boron	11-1	1471540	1485634	1519103	1492093	1.64	cps
Cadmium	111-1	1039559	1047948	1068404	1051970	1.41	cps
Cadmium	106-1	123845	126224	127688	125919	1.54	cps
Cadmium	108-1	81608	82714	85954	83425	2.71	cps
Calcium	43-1	9036921	8944635	8944060	8975205	0.60	cps
Calcium	44-1	148237512	147987974	147304162	147843216	0.33	cps
Chromium	52-2	1807804	1821268	1835708	1821593	0.77	cps
Cobalt	59-2	2537774	2546971	2545832	2543526	0.20	cps
Copper	63-2	3193716	3191754	3186962	3190810	0.11	cps
Dysprosium	156-1	150	100	83	111	31.22	cps
Dysprosium	156-2	117	90	90	99	15.57	cps
Erbium	164-1	83	42	42	56	43.30	cps
Erbium	164-2	30	33	23	29	17.63	cps
Gadolinium	160-1	175	92	142	136	30.82	cps
Gadolinium	160-2	123	103	97	108	12.88	cps
Holmium	165-1	6677217	6578600	6599007	6618275	0.79	cps
Holmium	165-2	3263549	3255194	3253557	3257433	0.16	cps
Indium	115-1	4992179	4976293	5022339	4996937	0.47	cps
Indium	115-2	999088	1011624	1024181	1011631	1.24	cps
Iron	56-2	352583008	353491597	351845608	352640071	0.23	cps
Iron	57-2	8517788	8577531	8562195	8552505	0.36	cps
Krypton	83-1	340	393	400	378	8.70	cps
Lead	206-1	2822478	2824318	2820754	2822517	0.06	cps
Lead	207-1	2590964	2566351	2564808	2574041	0.57	cps
Lead	208-1	11391592	11338200	11400960	11376917	0.30	cps
Lithium	6-1	2696205	2667389	2646769	2670121	0.93	cps
Magnesium	24-2	82345258	82352560	82437635	82378484	0.06	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCV42 Instrumnet Name : P7
 Client Sample ID : CCV42 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 20:11:29 DataFile Name : 035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2038282	2041617	2030307	2036735	0.29	cps
Molybdenum	94-1	10030210	9940597	9907369	9959392	0.64	cps
Molybdenum	95-1	12180627	12156623	12054056	12130436	0.55	cps
Molybdenum	96-1	13214311	13240333	13283867	13246170	0.27	cps
Molybdenum	97-1	7552112	7551584	7644954	7582883	0.71	cps
Molybdenum	98-1	18906508	18875693	19028163	18936788	0.43	cps
Neodymium	150-1	440	493	420	451	8.40	cps
Neodymium	150-2	67	67	73	69	5.58	cps
Nickel	60-2	656383	663200	661258	660280	0.53	cps
Phosphorus	31-2	81708	82252	82621	82193	0.56	cps
Potassium	39-2	34830112	34954230	35244372	35009571	0.61	cps
Rhodium	103-1	4840519	4844880	4885646	4857015	0.51	cps
Rhodium	103-2	2212161	2204205	2206680	2207682	0.18	cps
Scandium	45-1	4910452	4926881	4960404	4932579	0.52	cps
Scandium	45-2	239111	242550	241206	240955	0.72	cps
Selenium	77-2	4397	4381	4547	4442	2.07	cps
Selenium	78-2	14915	15342	15486	15248	1.95	cps
Selenium	82-1	92278	94389	95712	94127	1.84	cps
Silicon	28-1	5297489	5347509	5393314	5346104	0.90	cps
Silver	109-1	4767172	4777996	4801907	4782358	0.37	cps
Silver	107-1	5012801	5003465	5023894	5013387	0.20	cps
Sodium	23-2	170992945	172085421	172497629	171858665	0.45	cps
Strontium	86-1	1487832	1513731	1534394	1511985	1.54	cps
Strontium	88-1	13060167	13052352	13152656	13088392	0.43	cps
Sulfur	34-1	1181320	1173274	1180505	1178366	0.38	cps
Terbium	159-1	6775383	6795139	6776856	6782459	0.16	cps
Terbium	159-2	3281569	3284580	3260813	3275654	0.40	cps
Thallium	203-1	3524291	3517793	3520840	3520975	0.09	cps
Thallium	205-1	8056856	8102529	8181043	8113476	0.77	cps
Thorium	232-1	13210799	13112113	13169720	13164211	0.38	cps
Tin	118-1	3429801	3426791	3445985	3434193	0.30	cps
Titanium	47-1	4281304	4315684	4302299	4299762	0.40	cps
Uranium	238-1	12655544	12668690	12608273	12644169	0.25	cps
Vanadium	51-2	1470182	1489854	1501719	1487252	1.07	cps
Yttrium	89-1	6285065	6216378	6308804	6270082	0.77	cps
Yttrium	89-2	960302	968734	967265	965433	0.47	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV42	Instrumnet Name :	P7
Client Sample ID :	CCV42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:11:29	DataFile Name :	035CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	468276	474296	480716	474430	1.31	cps
Zirconium	90-1	8472977	8401905	8471683	8448855	0.48	cps
Zirconium	91-1	1862690	1791528	1819487	1824568	1.96	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB42 Instrumnet Name : P7
 Client Sample ID : CCB42 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 20:21:25 DataFile Name : 036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	317	292	283	297	5.84	cps
Antimony	121-1	367	475	325	389	19.91	cps
Arsenic	75-2	11	7	6	8	35.21	cps
Barium	135-1	50	83	92	75	29.40	cps
Barium	137-1	133	125	108	122	10.41	cps
Beryllium	9-1	89	67	50	69	28.47	cps
Bismuth	209-1	4087978	4091070	4064852	4081300	0.35	cps
Bismuth	209-2	2050846	2041465	2050382	2047564	0.26	cps
Boron	10-1	2000	1750	2109	1953	9.41	cps
Boron	11-1	9328	8669	8853	8950	3.80	cps
Cadmium	111-1	1973	1917	2093	1994	4.49	cps
Cadmium	106-1	2817	2725	3009	2850	5.07	cps
Cadmium	108-1	4	4	25	11	108.21	cps
Calcium	43-1	275	258	342	292	15.12	cps
Calcium	44-1	12848	12656	12573	12692	1.11	cps
Chromium	52-2	600	653	573	609	6.69	cps
Cobalt	59-2	120	53	77	83	40.60	cps
Copper	63-2	297	290	257	281	7.62	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	0	13	3	6	124.93	cps
Erbium	164-1	25	25	17	22	21.64	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	42	42	92	58	49.48	cps
Gadolinium	160-2	90	77	137	101	31.16	cps
Holmium	165-1	6802425	6832896	6786563	6807295	0.35	cps
Holmium	165-2	3378984	3371055	3397594	3382544	0.40	cps
Indium	115-1	5602980	5634902	5603402	5613761	0.33	cps
Indium	115-2	1052767	1056117	1054046	1054310	0.16	cps
Iron	56-2	14304	12150	12011	12821	10.03	cps
Iron	57-2	444	317	406	389	16.85	cps
Krypton	83-1	323	330	307	320	3.76	cps
Lead	206-1	606	550	539	565	6.32	cps
Lead	207-1	594	461	467	507	14.87	cps
Lead	208-1	2595	2278	2406	2426	6.57	cps
Lithium	6-1	2850085	2868730	2854484	2857766	0.34	cps
Magnesium	24-2	2111	892	675	1226	63.14	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:21:25	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	303	220	240	254	17.10	cps
Molybdenum	94-1	467	358	467	431	14.53	cps
Molybdenum	95-1	442	300	417	386	19.58	cps
Molybdenum	96-1	408	517	392	439	15.46	cps
Molybdenum	97-1	275	183	192	217	23.39	cps
Molybdenum	98-1	575	592	425	531	17.30	cps
Neodymium	150-1	13	0	13	9	86.60	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	47	63	40	50	24.03	cps
Phosphorus	31-2	225	125	100	150	44.10	cps
Potassium	39-2	25222	25406	26015	25548	1.62	cps
Rhodium	103-1	5656688	5670906	5632961	5653518	0.34	cps
Rhodium	103-2	2569479	2558933	2575695	2568035	0.33	cps
Scandium	45-1	5199218	5176538	5181778	5185845	0.23	cps
Scandium	45-2	242774	243450	241851	242692	0.33	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	59	65	57	60	6.38	cps
Selenium	82-1	22	50	86	53	60.31	cps
Silicon	28-1	243312	253773	247652	248246	2.12	cps
Silver	109-1	175	200	150	175	14.28	cps
Silver	107-1	233	158	158	183	23.62	cps
Sodium	23-2	29376	27142	27075	27864	4.70	cps
Strontium	86-1	508	608	558	558	8.96	cps
Strontium	88-1	158	217	217	197	17.08	cps
Sulfur	34-1	498674	501616	500969	500420	0.31	cps
Terbium	159-1	7015798	7055091	7124253	7065047	0.78	cps
Terbium	159-2	3436494	3401607	3414752	3417617	0.52	cps
Thallium	203-1	42	58	92	64	39.85	cps
Thallium	205-1	167	217	92	158	39.74	cps
Thorium	232-1	1017	1000	1106	1041	5.45	cps
Tin	118-1	717	567	708	664	12.70	cps
Titanium	47-1	100	75	108	94	18.37	cps
Uranium	238-1	92	100	58	83	26.46	cps
Vanadium	51-2	40	17	20	26	49.38	cps
Yttrium	89-1	6664025	6624012	6602611	6630216	0.47	cps
Yttrium	89-2	961233	969437	973844	968172	0.66	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB42	Instrumnet Name :	P7
Client Sample ID :	CCB42	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 20:21:25	DataFile Name :	036CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	853	850	890	864	2.57	cps
Zirconium	90-1	750	792	800	781	3.43	cps
Zirconium	91-1	125	142	167	144	14.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	796572	813483	815456	808504	1.28	cps
Antimony	121-1	1609	1608	1809	1675	6.89	cps
Arsenic	75-2	2897	2973	2969	2946	1.45	cps
Barium	135-1	911550	910187	923904	915214	0.83	cps
Barium	137-1	1547513	1544347	1549208	1547023	0.16	cps
Beryllium	9-1	1306	1383	1461	1383	5.62	cps
Bismuth	209-1	4172961	4121335	4119160	4137819	0.74	cps
Bismuth	209-2	2130440	2124137	2121545	2125374	0.22	cps
Boron	10-1	3451	3392	3592	3478	2.96	cps
Boron	11-1	16193	17252	16710	16718	3.17	cps
Cadmium	111-1	3887	3865	3709	3820	2.54	cps
Cadmium	106-1	3409	3334	3217	3320	2.91	cps
Cadmium	108-1	238	188	246	224	14.11	cps
Calcium	43-1	418687	415184	416159	416676	0.43	cps
Calcium	44-1	6801579	6730360	6796618	6776185	0.59	cps
Chromium	52-2	61939	62244	63429	62538	1.26	cps
Cobalt	59-2	54739	55260	55960	55320	1.11	cps
Copper	63-2	324842	328564	329979	327795	0.81	cps
Dysprosium	156-1	13649	13674	14375	13899	2.96	cps
Dysprosium	156-2	6665	6748	6865	6760	1.49	cps
Erbium	164-1	11347	11906	12106	11786	3.34	cps
Erbium	164-2	5645	5771	5721	5712	1.12	cps
Gadolinium	160-1	12089	11922	12323	12111	1.66	cps
Gadolinium	160-2	6502	6558	6755	6605	2.01	cps
Holmium	165-1	7058536	6978254	6934502	6990430	0.90	cps
Holmium	165-2	3543194	3539344	3530272	3537603	0.19	cps
Indium	115-1	5723678	5661845	5620776	5668766	0.91	cps
Indium	115-2	1123466	1130471	1133357	1129098	0.45	cps
Iron	56-2	45448845	44744608	44944047	45045833	0.81	cps
Iron	57-2	1072851	1065528	1087326	1075235	1.03	cps
Krypton	83-1	413	347	407	389	9.44	cps
Lead	206-1	18740884	18607955	18586423	18645087	0.45	cps
Lead	207-1	15614817	15416510	15347376	15459568	0.90	cps
Lead	208-1	71905827	71135049	71041458	71360778	0.66	cps
Lithium	6-1	2970317	2953203	2935991	2953170	0.58	cps
Magnesium	24-2	810281	829840	830825	823648	1.41	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	524701	526887	530613	527400	0.57	cps
Molybdenum	94-1	23320	24046	24839	24068	3.16	cps
Molybdenum	95-1	1809	2217	2050	2025	10.14	cps
Molybdenum	96-1	6919	6418	6535	6624	3.95	cps
Molybdenum	97-1	1225	1233	1267	1242	1.78	cps
Molybdenum	98-1	3509	3251	3667	3476	6.05	cps
Neodymium	150-1	21444	22265	21617	21776	1.99	cps
Neodymium	150-2	8389	8123	8523	8345	2.44	cps
Nickel	60-2	60534	60551	60729	60605	0.18	cps
Phosphorus	31-2	2759	2950	3017	2909	4.61	cps
Potassium	39-2	212018	210152	212525	211565	0.59	cps
Rhodium	103-1	5749080	5738645	5716724	5734816	0.29	cps
Rhodium	103-2	2677558	2666108	2667037	2670234	0.24	cps
Scandium	45-1	5419336	5377782	5342848	5379989	0.71	cps
Scandium	45-2	259555	263285	261175	261339	0.72	cps
Selenium	77-2	47	57	70	58	20.26	cps
Selenium	78-2	98	107	111	106	6.32	cps
Selenium	82-1	76	148	116	113	32.24	cps
Silicon	28-1	2106772	2156386	2086380	2116513	1.70	cps
Silver	109-1	4251	4309	4618	4393	4.49	cps
Silver	107-1	4484	4493	4568	4515	1.02	cps
Sodium	23-2	131941	132530	132027	132166	0.24	cps
Strontium	86-1	92514	95743	96053	94770	2.07	cps
Strontium	88-1	792938	800227	805647	799604	0.80	cps
Sulfur	34-1	501608	491886	493788	495761	1.04	cps
Terbium	159-1	7307787	7242049	7211219	7253685	0.68	cps
Terbium	159-2	3596939	3577976	3566753	3580556	0.43	cps
Thallium	203-1	633	575	558	589	6.69	cps
Thallium	205-1	1308	1508	1275	1364	9.25	cps
Thorium	232-1	49494	49773	50458	49908	0.99	cps
Tin	118-1	293502	294867	296466	294945	0.50	cps
Titanium	47-1	238641	240047	241551	240080	0.61	cps
Uranium	238-1	10630	11255	11764	11216	5.07	cps
Vanadium	51-2	52503	52302	52506	52437	0.22	cps
Yttrium	89-1	7031486	6953594	6953153	6979411	0.65	cps
Yttrium	89-2	1052611	1070804	1065402	1062939	0.88	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:26:08	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	365205	369196	370002	368134	0.70	cps
Zirconium	90-1	61892	61984	63207	62361	1.18	cps
Zirconium	91-1	14157	14449	14241	14283	1.05	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	657796	644621	640821	647746	1.38	cps
Antimony	121-1	408	192	292	297	36.49	cps
Arsenic	75-2	2515	2452	2432	2466	1.76	cps
Barium	135-1	19715	20015	19998	19909	0.85	cps
Barium	137-1	34502	34544	34544	34530	0.07	cps
Beryllium	9-1	1478	1628	1545	1550	4.85	cps
Bismuth	209-1	4193112	4326808	4237603	4252507	1.60	cps
Bismuth	209-2	1766661	2057330	2052344	1958778	8.49	cps
Boron	10-1	2509	2842	2692	2681	6.23	cps
Boron	11-1	13059	12931	12222	12737	3.54	cps
Cadmium	111-1	2616	2274	2445	2445	6.99	cps
Cadmium	106-1	3634	3176	3367	3392	6.79	cps
Cadmium	108-1	129	88	83	100	25.34	cps
Calcium	43-1	51733	51499	51992	51741	0.48	cps
Calcium	44-1	828675	825033	829891	827866	0.31	cps
Chromium	52-2	48530	47640	47868	48013	0.96	cps
Cobalt	59-2	45627	45333	45537	45499	0.33	cps
Copper	63-2	55318	52678	53200	53732	2.60	cps
Dysprosium	156-1	22887	23103	23388	23126	1.09	cps
Dysprosium	156-2	11855	12042	12009	11969	0.83	cps
Erbium	164-1	19189	19131	19381	19234	0.68	cps
Erbium	164-2	9530	9750	9563	9615	1.23	cps
Gadolinium	160-1	22177	20975	22469	21874	3.62	cps
Gadolinium	160-2	12449	11862	12199	12170	2.42	cps
Holmium	165-1	6994449	7333052	7128807	7152103	2.38	cps
Holmium	165-2	2937464	3442043	3424314	3267940	8.76	cps
Indium	115-1	5711904	5933297	5815996	5820399	1.90	cps
Indium	115-2	944313	1115842	1098523	1052893	8.97	cps
Iron	56-2	38831559	38441374	38027462	38433465	1.05	cps
Iron	57-2	939204	922543	926644	929464	0.93	cps
Krypton	83-1	423	437	433	431	1.61	cps
Lead	206-1	108948	107699	105969	107539	1.39	cps
Lead	207-1	90417	90165	89353	89979	0.62	cps
Lead	208-1	419910	420382	418439	419577	0.24	cps
Lithium	6-1	2976986	3070834	2987674	3011831	1.71	cps
Magnesium	24-2	1002013	999773	984535	995441	0.96	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	367362	366347	360954	364888	0.94	cps
Molybdenum	94-1	27001	26575	25924	26500	2.05	cps
Molybdenum	95-1	1150	1000	1242	1131	10.79	cps
Molybdenum	96-1	5810	5635	6193	5879	4.86	cps
Molybdenum	97-1	650	858	550	686	22.93	cps
Molybdenum	98-1	1742	1750	1850	1781	3.39	cps
Neodymium	150-1	37986	38414	38635	38345	0.86	cps
Neodymium	150-2	14735	14935	14791	14820	0.70	cps
Nickel	60-2	54213	53866	54334	54138	0.45	cps
Phosphorus	31-2	2559	2342	2375	2425	4.81	cps
Potassium	39-2	264571	259793	259334	261232	1.11	cps
Rhodium	103-1	5812417	6019596	5867269	5899761	1.82	cps
Rhodium	103-2	2207257	2596144	2547791	2450397	8.65	cps
Scandium	45-1	5377200	5635908	5479204	5497437	2.37	cps
Scandium	45-2	210294	252885	252556	238578	10.27	cps
Selenium	77-2	117	127	107	117	8.57	cps
Selenium	78-2	137	126	100	121	15.71	cps
Selenium	82-1	64	31	36	44	40.95	cps
Silicon	28-1	958441	937062	925439	940314	1.78	cps
Silver	109-1	383	467	417	422	9.93	cps
Silver	107-1	542	658	533	578	12.10	cps
Sodium	23-2	100754	102155	101878	101596	0.73	cps
Strontium	86-1	21759	22351	22159	22090	1.37	cps
Strontium	88-1	186170	182318	183313	183934	1.09	cps
Sulfur	34-1	451076	451196	452841	451705	0.22	cps
Terbium	159-1	7327837	7568592	7367961	7421463	1.74	cps
Terbium	159-2	2972353	3468788	3452027	3297723	8.55	cps
Thallium	203-1	558	558	483	533	8.12	cps
Thallium	205-1	1017	1292	1108	1139	12.30	cps
Thorium	232-1	85305	84969	84152	84809	0.70	cps
Tin	118-1	2642	2659	2542	2614	2.41	cps
Titanium	47-1	168426	171772	169765	169988	0.99	cps
Uranium	238-1	12982	13391	12648	13007	2.86	cps
Vanadium	51-2	43217	41649	42418	42428	1.85	cps
Yttrium	89-1	7117021	7387945	7223487	7242817	1.88	cps
Yttrium	89-2	907223	1048527	1044187	999979	8.04	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-04DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-31DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:29:44	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	39751	39614	39457	39607	0.37	cps
Zirconium	90-1	71336	70751	71772	71286	0.72	cps
Zirconium	91-1	16660	15768	16427	16285	2.84	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	466112	476170	469943	470742	1.08	cps
Antimony	121-1	375	267	408	350	21.16	cps
Arsenic	75-2	10761	10832	10958	10850	0.92	cps
Barium	135-1	16268	16344	16936	16516	2.21	cps
Barium	137-1	27996	28338	28171	28168	0.61	cps
Beryllium	9-1	1072	950	856	959	11.32	cps
Bismuth	209-1	4112239	4055845	4077807	4081964	0.70	cps
Bismuth	209-2	2051860	2077502	2049146	2059503	0.76	cps
Boron	10-1	2392	2359	2759	2503	8.87	cps
Boron	11-1	11346	10946	11780	11357	3.67	cps
Cadmium	111-1	2337	2419	2354	2370	1.82	cps
Cadmium	106-1	3075	3309	3142	3175	3.79	cps
Cadmium	108-1	71	133	113	106	30.15	cps
Calcium	43-1	52435	52143	52669	52416	0.50	cps
Calcium	44-1	836145	841886	836805	838279	0.37	cps
Chromium	52-2	113126	113990	113640	113585	0.38	cps
Cobalt	59-2	34163	34851	34036	34350	1.28	cps
Copper	63-2	37331	38317	38314	37987	1.50	cps
Dysprosium	156-1	16477	16969	16694	16714	1.48	cps
Dysprosium	156-2	8219	8389	8333	8314	1.04	cps
Erbium	164-1	12706	12640	12339	12562	1.56	cps
Erbium	164-2	5971	6001	5881	5951	1.05	cps
Gadolinium	160-1	15000	14542	14308	14617	2.41	cps
Gadolinium	160-2	7969	7842	7986	7932	0.99	cps
Holmium	165-1	6891506	6888100	6885125	6888244	0.05	cps
Holmium	165-2	3404988	3431183	3413594	3416588	0.39	cps
Indium	115-1	5657291	5612167	5628514	5632657	0.41	cps
Indium	115-2	1094418	1122563	1116487	1111156	1.33	cps
Iron	56-2	29037333	29261057	28780096	29026162	0.83	cps
Iron	57-2	695395	706685	702760	701613	0.82	cps
Krypton	83-1	417	430	393	413	4.49	cps
Lead	206-1	132323	131421	133221	132322	0.68	cps
Lead	207-1	112842	111979	111463	112095	0.62	cps
Lead	208-1	521647	517473	519508	519543	0.40	cps
Lithium	6-1	2941481	2911901	2898693	2917358	0.75	cps
Magnesium	24-2	708916	700886	707339	705714	0.60	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	292453	294703	294295	293817	0.41	cps
Molybdenum	94-1	20615	19965	20382	20321	1.62	cps
Molybdenum	95-1	733	683	658	692	5.52	cps
Molybdenum	96-1	4534	4468	4626	4543	1.75	cps
Molybdenum	97-1	517	500	558	525	5.72	cps
Molybdenum	98-1	1408	1258	1067	1245	13.76	cps
Neodymium	150-1	28236	28503	28951	28564	1.26	cps
Neodymium	150-2	11018	10764	11008	10930	1.31	cps
Nickel	60-2	46250	46323	46962	46511	0.84	cps
Phosphorus	31-2	2067	2217	2117	2134	3.58	cps
Potassium	39-2	188555	188011	189838	188802	0.50	cps
Rhodium	103-1	5724883	5713637	5704249	5714256	0.18	cps
Rhodium	103-2	2580991	2609334	2604080	2598135	0.58	cps
Scandium	45-1	5341857	5354175	5310842	5335624	0.42	cps
Scandium	45-2	250761	254482	253865	253036	0.79	cps
Selenium	77-2	67	70	90	76	16.70	cps
Selenium	78-2	122	120	111	118	5.05	cps
Selenium	82-1	29	2	66	32	99.06	cps
Silicon	28-1	787474	787590	799011	791358	0.84	cps
Silver	109-1	500	533	525	519	3.34	cps
Silver	107-1	583	758	675	672	13.02	cps
Sodium	23-2	77493	79360	78857	78570	1.23	cps
Strontium	86-1	20273	19314	19639	19742	2.47	cps
Strontium	88-1	161600	161287	161202	161363	0.13	cps
Sulfur	34-1	441046	443795	443539	442793	0.34	cps
Terbium	159-1	7130702	7149707	7162768	7147726	0.23	cps
Terbium	159-2	3458835	3481370	3469556	3469920	0.32	cps
Thallium	203-1	200	342	367	303	29.69	cps
Thallium	205-1	767	833	750	783	5.63	cps
Thorium	232-1	111857	110597	109790	110748	0.94	cps
Tin	118-1	4676	4676	4418	4590	3.25	cps
Titanium	47-1	147581	148279	146393	147418	0.65	cps
Uranium	238-1	12590	11781	12223	12198	3.32	cps
Vanadium	51-2	38895	38430	38701	38675	0.60	cps
Yttrium	89-1	6946156	6961340	6901981	6936492	0.44	cps
Yttrium	89-2	1037808	1053307	1055633	1048916	0.92	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-06DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-30DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:33:18	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	57961	60913	60247	59707	2.59	cps
Zirconium	90-1	56688	54663	54714	55355	2.09	cps
Zirconium	91-1	12689	12147	11989	12275	2.99	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:36:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	534701	538952	537401	537018	0.40	cps
Antimony	121-1	275	400	267	314	23.80	cps
Arsenic	75-2	1328	1243	1233	1268	4.11	cps
Barium	135-1	25892	25658	25875	25808	0.51	cps
Barium	137-1	44606	45877	43552	44678	2.60	cps
Beryllium	9-1	1117	1178	1106	1133	3.43	cps
Bismuth	209-1	4093379	4083829	4106901	4094703	0.28	cps
Bismuth	209-2	2051381	2048807	2058343	2052844	0.24	cps
Boron	10-1	2659	2925	2725	2770	5.01	cps
Boron	11-1	12147	12489	11822	12153	2.74	cps
Cadmium	111-1	2545	2560	2676	2593	2.77	cps
Cadmium	106-1	3209	3167	3426	3267	4.25	cps
Cadmium	108-1	121	100	121	114	10.56	cps
Calcium	43-1	149733	151542	151189	150821	0.64	cps
Calcium	44-1	2453223	2438513	2443202	2444979	0.31	cps
Chromium	52-2	73546	74192	74721	74153	0.79	cps
Cobalt	59-2	41084	41107	41572	41255	0.67	cps
Copper	63-2	67177	67782	67552	67504	0.45	cps
Dysprosium	156-1	17328	17662	17387	17459	1.02	cps
Dysprosium	156-2	8619	8533	8630	8594	0.62	cps
Erbium	164-1	14108	13866	13849	13941	1.04	cps
Erbium	164-2	6852	6842	6919	6871	0.61	cps
Gadolinium	160-1	16544	16168	15226	15979	4.25	cps
Gadolinium	160-2	8743	8683	8726	8717	0.36	cps
Holmium	165-1	6904750	6968297	6883607	6918885	0.64	cps
Holmium	165-2	3430429	3396764	3392073	3406422	0.61	cps
Indium	115-1	5638619	5651587	5627710	5639305	0.21	cps
Indium	115-2	1096943	1107886	1108033	1104288	0.58	cps
Iron	56-2	33597561	33517797	33543445	33552935	0.12	cps
Iron	57-2	801029	810791	808555	806792	0.63	cps
Krypton	83-1	500	420	383	434	13.73	cps
Lead	206-1	120008	118303	118248	118853	0.84	cps
Lead	207-1	99324	97623	98228	98391	0.88	cps
Lead	208-1	459429	456454	456913	457598	0.35	cps
Lithium	6-1	2911235	2921050	2903262	2911849	0.31	cps
Magnesium	24-2	914244	914178	922398	916940	0.52	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:36:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	278450	280849	284873	281391	1.15	cps
Molybdenum	94-1	23712	24038	22594	23448	3.23	cps
Molybdenum	95-1	1125	1242	1150	1172	5.24	cps
Molybdenum	96-1	5660	5126	5260	5348	5.19	cps
Molybdenum	97-1	792	867	617	758	16.92	cps
Molybdenum	98-1	2100	1684	1709	1831	12.77	cps
Neodymium	150-1	28604	27836	28336	28258	1.38	cps
Neodymium	150-2	10681	11121	11158	10987	2.42	cps
Nickel	60-2	60702	61016	60980	60899	0.28	cps
Phosphorus	31-2	2259	2592	2459	2436	6.89	cps
Potassium	39-2	223762	222400	227178	224447	1.10	cps
Rhodium	103-1	5725667	5728576	5667034	5707093	0.61	cps
Rhodium	103-2	2576687	2580294	2578602	2578528	0.07	cps
Scandium	45-1	5352027	5361230	5325628	5346295	0.35	cps
Scandium	45-2	252792	252688	252689	252723	0.02	cps
Selenium	77-2	93	77	100	90	13.35	cps
Selenium	78-2	130	117	122	123	5.29	cps
Selenium	82-1	-5	63	76	45	97.36	cps
Silicon	28-1	3607023	3760343	3649650	3672339	2.15	cps
Silver	109-1	550	558	625	578	7.11	cps
Silver	107-1	608	642	775	675	13.07	cps
Sodium	23-2	79418	81262	79184	79955	1.42	cps
Strontium	86-1	45456	46510	44294	45420	2.44	cps
Strontium	88-1	382679	381424	382482	382195	0.18	cps
Sulfur	34-1	445415	437018	441054	441162	0.95	cps
Terbium	159-1	7166596	7145449	7131732	7147926	0.25	cps
Terbium	159-2	3461101	3440550	3439340	3446997	0.35	cps
Thallium	203-1	450	450	358	419	12.62	cps
Thallium	205-1	942	1033	1092	1022	7.40	cps
Thorium	232-1	86221	85768	85903	85964	0.27	cps
Tin	118-1	4292	4209	4117	4206	2.08	cps
Titanium	47-1	179495	181184	179658	180112	0.52	cps
Uranium	238-1	10246	10938	10388	10524	3.47	cps
Vanadium	51-2	37946	38637	38230	38271	0.91	cps
Yttrium	89-1	7047567	6974055	6963706	6995109	0.65	cps
Yttrium	89-2	1029568	1040741	1046474	1038928	0.83	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-08DLX5	Instrumnet Name :	P7
Client Sample ID :	SSSI-1012-S-DH-29DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:36:52	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	28795	28435	28535	28588	0.65	cps
Zirconium	90-1	63106	62671	62262	62680	0.67	cps
Zirconium	91-1	14258	14608	13991	14286	2.17	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3174408	3180400	3158532	3171113	0.36	cps
Antimony	121-1	500	408	408	439	12.06	cps
Arsenic	75-2	2800	2754	2950	2835	3.62	cps
Barium	135-1	405438	402663	401645	403248	0.49	cps
Barium	137-1	694250	691235	683686	689724	0.79	cps
Beryllium	9-1	7130	7163	6841	7044	2.52	cps
Bismuth	209-1	4092711	4058108	4062808	4071209	0.46	cps
Bismuth	209-2	2038866	2028347	2014538	2027251	0.60	cps
Boron	10-1	3084	3584	3125	3264	8.50	cps
Boron	11-1	14824	15133	15508	15155	2.26	cps
Cadmium	111-1	3157	3196	2960	3104	4.09	cps
Cadmium	106-1	3792	3776	3392	3653	6.20	cps
Cadmium	108-1	217	192	200	203	6.28	cps
Calcium	43-1	131445	131766	131329	131513	0.17	cps
Calcium	44-1	2090503	2075339	2056267	2074036	0.83	cps
Chromium	52-2	107370	108619	108452	108147	0.63	cps
Cobalt	59-2	102995	103068	101897	102653	0.64	cps
Copper	63-2	95042	96579	93855	95159	1.44	cps
Dysprosium	156-1	41631	41405	41430	41489	0.30	cps
Dysprosium	156-2	20105	21050	20355	20503	2.39	cps
Erbium	164-1	33116	32949	32606	32890	0.79	cps
Erbium	164-2	15132	15509	15339	15327	1.23	cps
Gadolinium	160-1	38639	38179	37954	38257	0.91	cps
Gadolinium	160-2	20739	20649	20866	20751	0.53	cps
Holmium	165-1	6978387	6925493	6860592	6921490	0.85	cps
Holmium	165-2	3423701	3413888	3394019	3410536	0.44	cps
Indium	115-1	5573475	5583773	5542071	5566440	0.39	cps
Indium	115-2	1093711	1098272	1100481	1097488	0.31	cps
Iron	56-2	90078644	90011046	89527494	89872395	0.33	cps
Iron	57-2	2189478	2192578	2177285	2186447	0.37	cps
Krypton	83-1	490	423	417	443	9.15	cps
Lead	206-1	303455	303172	303711	303446	0.09	cps
Lead	207-1	255169	252570	252641	253460	0.58	cps
Lead	208-1	1178396	1173348	1179724	1177156	0.29	cps
Lithium	6-1	2968141	2982499	2957025	2969222	0.43	cps
Magnesium	24-2	2888476	2870927	2856882	2872095	0.55	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3265195	3261285	3245879	3257453	0.31	cps
Molybdenum	94-1	49419	49453	49403	49425	0.05	cps
Molybdenum	95-1	1834	1608	1942	1795	9.48	cps
Molybdenum	96-1	10463	11055	10663	10727	2.81	cps
Molybdenum	97-1	958	1125	858	981	13.74	cps
Molybdenum	98-1	2542	2417	2450	2470	2.62	cps
Neodymium	150-1	64772	64431	63105	64103	1.37	cps
Neodymium	150-2	24449	24252	24171	24290	0.59	cps
Nickel	60-2	58071	59868	59547	59162	1.62	cps
Phosphorus	31-2	9412	9345	9728	9495	2.16	cps
Potassium	39-2	584489	584386	586651	585175	0.22	cps
Rhodium	103-1	5666449	5639229	5580987	5628888	0.78	cps
Rhodium	103-2	2516055	2533073	2537888	2529006	0.45	cps
Scandium	45-1	5397436	5343484	5340759	5360560	0.60	cps
Scandium	45-2	252655	254596	253610	253620	0.38	cps
Selenium	77-2	177	173	217	189	12.77	cps
Selenium	78-2	180	194	187	187	3.96	cps
Selenium	82-1	122	204	183	170	24.96	cps
Silicon	28-1	1344673	1428629	1306465	1359922	4.60	cps
Silver	109-1	1525	1692	1350	1522	11.22	cps
Silver	107-1	1759	1659	1642	1686	3.74	cps
Sodium	23-2	227640	224207	223687	225178	0.95	cps
Strontium	86-1	70423	70415	68849	69896	1.30	cps
Strontium	88-1	591126	591212	588940	590426	0.22	cps
Sulfur	34-1	409826	394403	397839	400689	2.02	cps
Terbium	159-1	7184432	7151861	7167550	7167948	0.23	cps
Terbium	159-2	3436984	3454001	3442141	3444376	0.25	cps
Thallium	203-1	1984	1759	1967	1903	6.59	cps
Thallium	205-1	4893	4801	4826	4840	0.98	cps
Thorium	232-1	205708	205896	203605	205069	0.62	cps
Tin	118-1	1558	1617	1659	1611	3.12	cps
Titanium	47-1	89898	90921	92397	91072	1.38	cps
Uranium	238-1	33611	33477	32842	33310	1.23	cps
Vanadium	51-2	125468	125324	123727	124839	0.77	cps
Yttrium	89-1	7235440	7192145	7148070	7191885	0.61	cps
Yttrium	89-2	1065316	1077276	1079956	1074183	0.73	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-06DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:40:27	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	70673	69987	70827	70496	0.63	cps
Zirconium	90-1	134165	131514	131884	132521	1.08	cps
Zirconium	91-1	29406	29540	28772	29239	1.40	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3852682	3803007	3767910	3807866	1.12	cps
Antimony	121-1	458	475	483	472	2.69	cps
Arsenic	75-2	2815	2780	2873	2823	1.66	cps
Barium	135-1	456409	457655	460923	458329	0.51	cps
Barium	137-1	780826	788579	788489	785965	0.57	cps
Beryllium	9-1	8247	8375	8197	8273	1.11	cps
Bismuth	209-1	4025237	4000848	3966516	3997534	0.74	cps
Bismuth	209-2	1977854	1968425	2007355	1984545	1.02	cps
Boron	10-1	4417	4217	3984	4206	5.16	cps
Boron	11-1	18779	18771	19004	18851	0.70	cps
Cadmium	111-1	3498	3384	3311	3398	2.78	cps
Cadmium	106-1	3759	3817	3634	3737	2.51	cps
Cadmium	108-1	238	263	225	242	7.90	cps
Calcium	43-1	128100	126999	129420	128173	0.95	cps
Calcium	44-1	2045914	2044755	2039273	2043314	0.17	cps
Chromium	52-2	120705	121556	121681	121314	0.44	cps
Cobalt	59-2	135041	134375	134136	134518	0.35	cps
Copper	63-2	102674	103197	103419	103097	0.37	cps
Dysprosium	156-1	46062	45610	45125	45599	1.03	cps
Dysprosium	156-2	22148	21931	22575	22218	1.48	cps
Erbium	164-1	36450	37987	37009	37149	2.10	cps
Erbium	164-2	17595	17638	17859	17697	0.80	cps
Gadolinium	160-1	43654	42927	42032	42871	1.90	cps
Gadolinium	160-2	23166	23290	23611	23356	0.98	cps
Holmium	165-1	6838381	6872284	6763982	6824883	0.81	cps
Holmium	165-2	3336789	3320180	3377699	3344890	0.89	cps
Indium	115-1	5438559	5506359	5406737	5450552	0.93	cps
Indium	115-2	1059563	1051847	1087278	1066230	1.75	cps
Iron	56-2	92276227	92122952	91935413	92111531	0.19	cps
Iron	57-2	2234498	2220432	2230169	2228366	0.32	cps
Krypton	83-1	383	547	463	464	17.59	cps
Lead	206-1	347621	347339	347886	347615	0.08	cps
Lead	207-1	288354	290670	288944	289323	0.42	cps
Lead	208-1	1345318	1341041	1340850	1342403	0.19	cps
Lithium	6-1	2963186	2978186	2915871	2952414	1.10	cps
Magnesium	24-2	3598631	3584750	3578084	3587155	0.29	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	4733124	4706384	4746199	4728569	0.43	cps
Molybdenum	94-1	56655	58614	55341	56870	2.90	cps
Molybdenum	95-1	1925	1792	1859	1859	3.59	cps
Molybdenum	96-1	12798	12181	12431	12470	2.49	cps
Molybdenum	97-1	1175	1150	1167	1164	1.09	cps
Molybdenum	98-1	2817	2809	2692	2773	2.52	cps
Neodymium	150-1	70025	69830	70058	69971	0.18	cps
Neodymium	150-2	26666	26936	26559	26721	0.73	cps
Nickel	60-2	74173	74625	74414	74404	0.30	cps
Phosphorus	31-2	10145	10587	9779	10171	3.98	cps
Potassium	39-2	727300	732891	727425	729205	0.44	cps
Rhodium	103-1	5521121	5554096	5443171	5506130	1.03	cps
Rhodium	103-2	2453863	2445588	2491845	2463765	1.00	cps
Scandium	45-1	5283826	5257163	5195612	5245534	0.86	cps
Scandium	45-2	245555	245085	249033	246558	0.87	cps
Selenium	77-2	210	210	183	201	7.66	cps
Selenium	78-2	220	169	209	199	13.69	cps
Selenium	82-1	292	84	187	188	55.32	cps
Silicon	28-1	1822185	2326308	1817897	1988797	14.70	cps
Silver	109-1	1417	1558	1492	1489	4.76	cps
Silver	107-1	2084	1800	1792	1892	8.78	cps
Sodium	23-2	212948	214826	214393	214056	0.46	cps
Strontium	86-1	71788	71696	70665	71383	0.87	cps
Strontium	88-1	598059	604868	595562	599496	0.80	cps
Sulfur	34-1	384977	385463	381631	384023	0.54	cps
Terbium	159-1	7084104	7126168	7036944	7082406	0.63	cps
Terbium	159-2	3377992	3329290	3406667	3371316	1.16	cps
Thallium	203-1	2359	2659	2450	2489	6.18	cps
Thallium	205-1	5635	5518	5651	5601	1.30	cps
Thorium	232-1	223334	226043	226889	225422	0.82	cps
Tin	118-1	1992	1792	2117	1967	8.34	cps
Titanium	47-1	115583	117112	116466	116387	0.66	cps
Uranium	238-1	33251	33419	34096	33589	1.33	cps
Vanadium	51-2	125881	125941	126254	126025	0.16	cps
Yttrium	89-1	7145041	7180577	7046901	7124173	0.97	cps
Yttrium	89-2	1051815	1050325	1076423	1059521	1.38	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-07DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:44:04	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	84553	86176	86262	85664	1.12	cps
Zirconium	90-1	151123	155292	151754	152723	1.47	cps
Zirconium	91-1	33883	34902	33941	34242	1.67	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3758497	3746325	3694007	3732943	0.92	cps
Antimony	121-1	433	600	533	522	16.06	cps
Arsenic	75-2	2708	2730	2639	2692	1.76	cps
Barium	135-1	430391	430344	423690	428142	0.90	cps
Barium	137-1	724184	735519	732468	730724	0.80	cps
Beryllium	9-1	7735	7719	7841	7765	0.85	cps
Bismuth	209-1	4192717	4050059	4045745	4096174	2.04	cps
Bismuth	209-2	1987826	1990395	1982552	1986925	0.20	cps
Boron	10-1	3542	3217	3492	3417	5.12	cps
Boron	11-1	14182	15133	14875	14730	3.34	cps
Cadmium	111-1	3253	3158	3360	3257	3.10	cps
Cadmium	106-1	3751	3667	4026	3815	4.92	cps
Cadmium	108-1	246	246	250	247	0.97	cps
Calcium	43-1	104577	107035	104693	105435	1.32	cps
Calcium	44-1	1640847	1650262	1639450	1643520	0.36	cps
Chromium	52-2	120820	122245	120265	121110	0.84	cps
Cobalt	59-2	129495	128843	130467	129602	0.63	cps
Copper	63-2	96660	96093	96542	96432	0.31	cps
Dysprosium	156-1	51113	51071	51547	51244	0.51	cps
Dysprosium	156-2	25624	25210	24913	25249	1.41	cps
Erbium	164-1	41205	42032	41322	41520	1.08	cps
Erbium	164-2	19684	19471	19811	19655	0.88	cps
Gadolinium	160-1	48529	48938	48412	48626	0.57	cps
Gadolinium	160-2	26409	26613	25731	26251	1.76	cps
Holmium	165-1	7180096	6883084	6865696	6976292	2.53	cps
Holmium	165-2	3378922	3351476	3337895	3356098	0.62	cps
Indium	115-1	5715466	5478106	5426992	5540188	2.78	cps
Indium	115-2	1066204	1066849	1061052	1064701	0.30	cps
Iron	56-2	91271627	90463944	89561952	90432508	0.95	cps
Iron	57-2	2181617	2195568	2182004	2186397	0.36	cps
Krypton	83-1	420	503	520	481	11.14	cps
Lead	206-1	264695	269923	270550	268389	1.20	cps
Lead	207-1	223017	223120	222199	222779	0.23	cps
Lead	208-1	1031260	1042502	1039091	1037617	0.56	cps
Lithium	6-1	3059942	2982008	2943450	2995133	1.98	cps
Magnesium	24-2	3691736	3691851	3651434	3678340	0.63	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	3427866	3417048	3399339	3414751	0.42	cps
Molybdenum	94-1	66673	66840	66790	66768	0.13	cps
Molybdenum	95-1	2017	2109	2125	2084	2.80	cps
Molybdenum	96-1	14750	13724	13716	14063	4.23	cps
Molybdenum	97-1	933	1175	1167	1092	12.57	cps
Molybdenum	98-1	3000	2734	2909	2881	4.70	cps
Neodymium	150-1	73576	75104	75681	74787	1.45	cps
Neodymium	150-2	28416	28623	29047	28696	1.12	cps
Nickel	60-2	76076	76632	76046	76251	0.43	cps
Phosphorus	31-2	10604	10012	10137	10251	3.04	cps
Potassium	39-2	829036	823457	812852	821782	1.00	cps
Rhodium	103-1	5767472	5509000	5472323	5582932	2.88	cps
Rhodium	103-2	2480444	2477252	2462401	2473366	0.39	cps
Scandium	45-1	5485414	5301584	5239262	5342087	2.40	cps
Scandium	45-2	250644	247720	248562	248975	0.60	cps
Selenium	77-2	207	293	247	249	17.43	cps
Selenium	78-2	172	228	181	194	15.36	cps
Selenium	82-1	234	160	154	183	24.53	cps
Silicon	28-1	1613687	1940998	1639265	1731317	10.51	cps
Silver	109-1	1350	1383	1100	1278	12.12	cps
Silver	107-1	1550	1767	1575	1631	7.27	cps
Sodium	23-2	210379	210811	208894	210028	0.48	cps
Strontium	86-1	50531	50506	50021	50353	0.57	cps
Strontium	88-1	424490	433090	426065	427882	1.07	cps
Sulfur	34-1	389792	387379	389431	388867	0.33	cps
Terbium	159-1	7428995	7106291	7086986	7207424	2.67	cps
Terbium	159-2	3407535	3399218	3361761	3389505	0.72	cps
Thallium	203-1	2117	2134	2159	2136	0.98	cps
Thallium	205-1	5235	5226	5368	5276	1.51	cps
Thorium	232-1	227396	232547	230112	230018	1.12	cps
Tin	118-1	1450	1450	1859	1586	14.86	cps
Titanium	47-1	90553	92672	89018	90748	2.02	cps
Uranium	238-1	43448	43984	44853	44095	1.61	cps
Vanadium	51-2	113644	112901	114873	113806	0.88	cps
Yttrium	89-1	7486223	7170914	7116158	7257765	2.75	cps
Yttrium	89-2	1065439	1070988	1063813	1066747	0.35	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DLX5	Instrumnet Name :	P7
Client Sample ID :	TS-08DL	Dilution Factor :	5
Date & Time Acquired ::	2018-10-19 20:47:40	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	83668	84539	83199	83802	0.81	cps
Zirconium	90-1	183290	182762	181815	182622	0.41	cps
Zirconium	91-1	39965	40909	41503	40792	1.90	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : J5516-02DL2X10 Instrumnet Name : P7
 Client Sample ID : SSSI-1011-S-DH-32DL2 Dilution Factor : 10
 Date & Time Acquired :: 2018-10-19 20:53:06 DataFile Name : 044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	401877	399004	405256	402046	0.78	cps
Antimony	121-1	733	808	783	775	4.93	cps
Arsenic	75-2	1432	1517	1476	1475	2.89	cps
Barium	135-1	453244	456208	449500	452984	0.74	cps
Barium	137-1	776601	789045	773152	779599	1.07	cps
Beryllium	9-1	583	700	544	609	13.29	cps
Bismuth	209-1	4139079	4087069	4086014	4104054	0.74	cps
Bismuth	209-2	2065100	2047954	2045400	2052818	0.52	cps
Boron	10-1	1725	1875	1859	1820	4.52	cps
Boron	11-1	8144	8069	8403	8205	2.13	cps
Cadmium	111-1	2785	2886	2767	2813	2.28	cps
Cadmium	106-1	2934	3034	2825	2931	3.56	cps
Cadmium	108-1	92	138	88	106	26.28	cps
Calcium	43-1	201912	202002	202027	201980	0.03	cps
Calcium	44-1	3274034	3280623	3239041	3264566	0.68	cps
Chromium	52-2	31123	31317	31240	31227	0.31	cps
Cobalt	59-2	26648	27426	27195	27090	1.48	cps
Copper	63-2	163235	164687	165715	164546	0.76	cps
Dysprosium	156-1	7136	6744	6902	6927	2.85	cps
Dysprosium	156-2	3350	3267	3517	3378	3.77	cps
Erbium	164-1	5576	5668	5651	5632	0.87	cps
Erbium	164-2	2690	2904	2694	2763	4.42	cps
Gadolinium	160-1	5768	6152	5618	5846	4.71	cps
Gadolinium	160-2	3367	3274	3310	3317	1.42	cps
Holmium	165-1	6919729	6850150	6833200	6867693	0.67	cps
Holmium	165-2	3395465	3380101	3402903	3392823	0.34	cps
Indium	115-1	5604678	5606595	5529136	5580137	0.79	cps
Indium	115-2	1083436	1085760	1103221	1090806	0.99	cps
Iron	56-2	22251975	22311777	22251310	22271687	0.16	cps
Iron	57-2	536711	541442	541171	539775	0.49	cps
Krypton	83-1	363	370	383	372	2.74	cps
Lead	206-1	9075997	9066635	9047128	9063253	0.16	cps
Lead	207-1	7575562	7557873	7500868	7544767	0.52	cps
Lead	208-1	34929787	34879987	34663835	34824536	0.41	cps
Lithium	6-1	2925440	2909889	2878988	2904772	0.81	cps
Magnesium	24-2	409813	407673	415217	410901	0.95	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:53:06	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	258601	263705	264444	262250	1.21	cps
Molybdenum	94-1	11422	11647	11588	11552	1.01	cps
Molybdenum	95-1	1042	1208	1025	1092	9.29	cps
Molybdenum	96-1	3050	3242	2950	3081	4.81	cps
Molybdenum	97-1	567	675	533	592	12.52	cps
Molybdenum	98-1	1650	1667	1258	1525	15.15	cps
Neodymium	150-1	10491	10684	10344	10507	1.62	cps
Neodymium	150-2	4257	4047	4284	4196	3.09	cps
Nickel	60-2	29934	30011	30154	30033	0.37	cps
Phosphorus	31-2	1800	1467	1650	1639	10.19	cps
Potassium	39-2	114220	114413	117570	115401	1.63	cps
Rhodium	103-1	5703298	5605315	5604445	5637686	1.01	cps
Rhodium	103-2	2560729	2576898	2577994	2571874	0.38	cps
Scandium	45-1	5266371	5206645	5191514	5221510	0.76	cps
Scandium	45-2	245862	249831	253871	249855	1.60	cps
Selenium	77-2	27	47	30	34	31.11	cps
Selenium	78-2	94	91	74	86	12.56	cps
Selenium	82-1	56	30	54	47	31.12	cps
Silicon	28-1	1141703	1097206	1096056	1111655	2.34	cps
Silver	109-1	2300	2117	2092	2170	5.24	cps
Silver	107-1	2092	2042	2084	2072	1.29	cps
Sodium	23-2	70976	71738	71731	71482	0.61	cps
Strontium	86-1	45924	45891	46309	46041	0.50	cps
Strontium	88-1	394165	398966	396191	396441	0.61	cps
Sulfur	34-1	399863	411791	421406	411020	2.63	cps
Terbium	159-1	7198263	7149380	7057745	7135129	1.00	cps
Terbium	159-2	3450775	3428482	3437648	3438968	0.33	cps
Thallium	203-1	383	200	183	256	43.42	cps
Thallium	205-1	675	567	567	603	10.38	cps
Thorium	232-1	23989	24078	24262	24110	0.58	cps
Tin	118-1	146161	145875	145079	145705	0.38	cps
Titanium	47-1	116230	113542	114308	114693	1.21	cps
Uranium	238-1	5226	5585	4910	5240	6.45	cps
Vanadium	51-2	26337	25636	26133	26035	1.39	cps
Yttrium	89-1	6775342	6697940	6697523	6723602	0.67	cps
Yttrium	89-2	1003323	1016746	1026360	1015476	1.14	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5516-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	SSSI-1011-S-DH-32DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:53:06	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	183662	182508	184831	183667	0.63	cps
Zirconium	90-1	29590	29949	29582	29707	0.71	cps
Zirconium	91-1	6794	6527	6318	6546	3.64	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1564191	1557506	1577821	1566506	0.66	cps
Antimony	121-1	267	292	233	264	11.09	cps
Arsenic	75-2	1485	1452	1382	1440	3.68	cps
Barium	135-1	198540	199766	197339	198548	0.61	cps
Barium	137-1	335693	339496	337232	337474	0.57	cps
Beryllium	9-1	3639	3228	3812	3560	8.42	cps
Bismuth	209-1	3994665	4011010	3987571	3997749	0.30	cps
Bismuth	209-2	2063571	2008274	2055419	2042421	1.46	cps
Boron	10-1	1884	1842	1875	1867	1.18	cps
Boron	11-1	8661	8478	8911	8683	2.51	cps
Cadmium	111-1	2527	2432	2181	2380	7.51	cps
Cadmium	106-1	3267	3109	2717	3031	9.34	cps
Cadmium	108-1	104	88	138	110	23.20	cps
Calcium	43-1	63496	64927	65362	64595	1.51	cps
Calcium	44-1	1020870	1023889	1016073	1020277	0.39	cps
Chromium	52-2	54240	54152	54825	54406	0.67	cps
Cobalt	59-2	50988	51416	51256	51220	0.42	cps
Copper	63-2	47353	47774	47962	47696	0.65	cps
Dysprosium	156-1	20032	20625	20141	20266	1.56	cps
Dysprosium	156-2	9730	10271	10137	10046	2.80	cps
Erbium	164-1	15943	16469	16077	16163	1.69	cps
Erbium	164-2	7442	7696	7512	7550	1.73	cps
Gadolinium	160-1	18880	18371	19256	18836	2.36	cps
Gadolinium	160-2	10344	10314	10581	10413	1.40	cps
Holmium	165-1	6822086	6775653	6741458	6779732	0.60	cps
Holmium	165-2	3440678	3334435	3442877	3405997	1.82	cps
Indium	115-1	5525074	5483943	5426191	5478402	0.91	cps
Indium	115-2	1107200	1090432	1128752	1108795	1.73	cps
Iron	56-2	44388677	44745241	44364352	44499424	0.48	cps
Iron	57-2	1068400	1082298	1083314	1078004	0.77	cps
Krypton	83-1	413	353	393	387	7.90	cps
Lead	206-1	148440	147890	148434	148255	0.21	cps
Lead	207-1	122604	123114	122733	122817	0.22	cps
Lead	208-1	573791	576333	575920	575348	0.24	cps
Lithium	6-1	2919911	2871627	2889679	2893739	0.84	cps
Magnesium	24-2	1444144	1442095	1445605	1443948	0.12	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1582022	1588702	1600742	1590489	0.60	cps
Molybdenum	94-1	23562	24296	23904	23921	1.54	cps
Molybdenum	95-1	892	783	867	847	6.70	cps
Molybdenum	96-1	5426	5251	5335	5337	1.64	cps
Molybdenum	97-1	533	417	583	511	16.73	cps
Molybdenum	98-1	1208	1442	1050	1233	15.98	cps
Neodymium	150-1	30668	30388	30301	30452	0.63	cps
Neodymium	150-2	11748	11845	12106	11900	1.55	cps
Nickel	60-2	29116	30365	30475	29985	2.52	cps
Phosphorus	31-2	4534	4551	4643	4576	1.28	cps
Potassium	39-2	303079	299694	301207	301327	0.56	cps
Rhodium	103-1	5580194	5536196	5460839	5525743	1.09	cps
Rhodium	103-2	2584581	2534821	2589281	2569561	1.17	cps
Scandium	45-1	5242803	5165819	5149450	5186024	0.96	cps
Scandium	45-2	254102	250811	257957	254290	1.41	cps
Selenium	77-2	110	97	73	93	19.89	cps
Selenium	78-2	133	113	122	123	8.31	cps
Selenium	82-1	72	139	93	101	33.99	cps
Silicon	28-1	760883	791792	761665	771447	2.28	cps
Silver	109-1	808	692	817	772	9.05	cps
Silver	107-1	900	917	867	895	2.85	cps
Sodium	23-2	117120	117986	116071	117059	0.82	cps
Strontium	86-1	33899	34509	34434	34281	0.97	cps
Strontium	88-1	294061	288106	289753	290640	1.06	cps
Sulfur	34-1	381251	368540	365025	371605	2.30	cps
Terbium	159-1	7059764	7046723	6986019	7030835	0.56	cps
Terbium	159-2	3505547	3412318	3492715	3470193	1.46	cps
Thallium	203-1	1075	1000	1008	1028	4.00	cps
Thallium	205-1	2217	2250	2059	2175	4.71	cps
Thorium	232-1	97869	98110	99055	98345	0.64	cps
Tin	118-1	1267	1108	1200	1192	6.67	cps
Titanium	47-1	44317	43934	44560	44270	0.71	cps
Uranium	238-1	15819	16419	16328	16189	2.00	cps
Vanadium	51-2	61805	61665	62237	61903	0.48	cps
Yttrium	89-1	6905860	6813968	6764608	6828145	1.05	cps
Yttrium	89-2	1045547	1031842	1070408	1049266	1.86	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-01DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-06DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 20:56:41	DataFile Name :	045SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	34494	34952	35350	34932	1.23	cps
Zirconium	90-1	64957	64797	63684	64479	1.08	cps
Zirconium	91-1	14708	15326	14525	14853	2.83	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1890946	1898024	1910354	1899775	0.52	cps
Antimony	121-1	250	283	242	258	8.54	cps
Arsenic	75-2	1480	1374	1433	1429	3.70	cps
Barium	135-1	229275	229251	226938	228488	0.59	cps
Barium	137-1	394988	393393	395568	394650	0.29	cps
Beryllium	9-1	4262	3934	3956	4051	4.52	cps
Bismuth	209-1	3817957	4016370	4018703	3951010	2.92	cps
Bismuth	209-2	2025377	2006156	1998558	2010030	0.69	cps
Boron	10-1	2075	2075	2109	2086	0.92	cps
Boron	11-1	10137	10170	10329	10212	1.00	cps
Cadmium	111-1	2546	2765	2356	2556	8.01	cps
Cadmium	106-1	3150	3451	2867	3156	9.25	cps
Cadmium	108-1	121	125	150	132	11.95	cps
Calcium	43-1	64181	64969	63981	64377	0.81	cps
Calcium	44-1	1030520	1026667	1006915	1021367	1.24	cps
Chromium	52-2	61796	61300	61923	61673	0.53	cps
Cobalt	59-2	68435	68633	70153	69074	1.36	cps
Copper	63-2	52972	53033	53200	53068	0.22	cps
Dysprosium	156-1	22394	22511	22912	22605	1.20	cps
Dysprosium	156-2	10998	11168	11211	11126	1.01	cps
Erbium	164-1	19122	18597	18321	18680	2.18	cps
Erbium	164-2	8920	8863	8810	8864	0.62	cps
Gadolinium	160-1	21067	21100	20725	20964	0.99	cps
Gadolinium	160-2	11775	11638	11095	11503	3.13	cps
Holmium	165-1	6517145	6816931	6846461	6726846	2.71	cps
Holmium	165-2	3405237	3323597	3327536	3352123	1.37	cps
Indium	115-1	5230177	5498970	5479148	5402765	2.77	cps
Indium	115-2	1078761	1080001	1086474	1081745	0.38	cps
Iron	56-2	46542208	46171226	45906439	46206624	0.69	cps
Iron	57-2	1133925	1126139	1139249	1133104	0.58	cps
Krypton	83-1	433	383	377	398	7.79	cps
Lead	206-1	174591	172599	172165	173118	0.75	cps
Lead	207-1	144792	144929	143560	144427	0.52	cps
Lead	208-1	673402	669705	668888	670665	0.36	cps
Lithium	6-1	2786060	2896128	2904343	2862177	2.31	cps
Magnesium	24-2	1824968	1807866	1826598	1819810	0.57	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2377914	2363601	2342142	2361219	0.76	cps
Molybdenum	94-1	29440	28362	28287	28696	2.25	cps
Molybdenum	95-1	908	925	875	903	2.82	cps
Molybdenum	96-1	6277	6527	5535	6113	8.44	cps
Molybdenum	97-1	425	617	600	547	19.40	cps
Molybdenum	98-1	1325	1500	1367	1397	6.54	cps
Neodymium	150-1	33836	35226	34872	34644	2.08	cps
Neodymium	150-2	12873	13213	13003	13030	1.32	cps
Nickel	60-2	37952	38137	38090	38060	0.25	cps
Phosphorus	31-2	5368	5334	5018	5240	3.69	cps
Potassium	39-2	379887	374825	386242	380318	1.50	cps
Rhodium	103-1	5270262	5543359	5537847	5450489	2.86	cps
Rhodium	103-2	2528024	2496640	2509427	2511364	0.63	cps
Scandium	45-1	4974099	5188172	5174130	5112134	2.34	cps
Scandium	45-2	249896	246047	249789	248577	0.88	cps
Selenium	77-2	100	117	83	100	16.67	cps
Selenium	78-2	124	128	119	123	3.78	cps
Selenium	82-1	32	87	137	85	61.43	cps
Silicon	28-1	1039434	1070109	1027360	1045634	2.11	cps
Silver	109-1	817	708	792	772	7.35	cps
Silver	107-1	883	867	883	878	1.10	cps
Sodium	23-2	115475	115340	112981	114598	1.22	cps
Strontium	86-1	35169	36756	35795	35907	2.23	cps
Strontium	88-1	303967	302417	298196	301527	0.99	cps
Sulfur	34-1	359082	358536	360259	359292	0.25	cps
Terbium	159-1	6743056	7085101	7055722	6961293	2.72	cps
Terbium	159-2	3396795	3363279	3361783	3373952	0.59	cps
Thallium	203-1	1175	1275	1233	1228	4.09	cps
Thallium	205-1	2800	2850	3000	2884	3.61	cps
Thorium	232-1	109034	110092	109908	109678	0.52	cps
Tin	118-1	1150	1025	1125	1100	6.01	cps
Titanium	47-1	59178	58544	57446	58389	1.50	cps
Uranium	238-1	16978	16102	16161	16414	2.98	cps
Vanadium	51-2	63462	63164	62642	63090	0.66	cps
Yttrium	89-1	6554419	6902820	6910379	6789206	3.00	cps
Yttrium	89-2	1032004	1033388	1028927	1031440	0.22	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-02DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-07DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:00:15	DataFile Name :	046SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	44294	43876	43652	43940	0.74	cps
Zirconium	90-1	77643	75373	76773	76596	1.50	cps
Zirconium	91-1	16385	17261	17253	16966	2.97	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7239332	7229556	7282955	7250614	0.39	cps
Antimony	121-1	3746277	3758669	3779233	3761393	0.44	cps
Arsenic	75-2	157884	160078	162386	160116	1.41	cps
Barium	135-1	4852023	4846423	4851157	4849868	0.06	cps
Barium	137-1	8243936	8237079	8232429	8237815	0.07	cps
Beryllium	9-1	1676305	1659443	1699616	1678454	1.20	cps
Bismuth	209-1	3459134	3464985	3483116	3469078	0.36	cps
Bismuth	209-2	1728458	1724249	1724204	1725637	0.14	cps
Boron	10-1	309255	313447	323360	315354	2.30	cps
Boron	11-1	1417562	1432030	1466366	1438653	1.74	cps
Cadmium	111-1	985388	1009595	1026109	1007031	2.03	cps
Cadmium	106-1	119265	120198	123518	120993	1.85	cps
Cadmium	108-1	79320	80288	82337	80649	1.91	cps
Calcium	43-1	8693384	8599872	8768864	8687374	0.97	cps
Calcium	44-1	142601403	141987703	143623307	142737471	0.58	cps
Chromium	52-2	1747611	1764705	1773123	1761813	0.74	cps
Cobalt	59-2	2481531	2472666	2473449	2475882	0.20	cps
Copper	63-2	3119008	3119752	3111052	3116604	0.15	cps
Dysprosium	156-1	167	125	117	136	19.68	cps
Dysprosium	156-2	103	87	93	94	8.88	cps
Erbium	164-1	33	42	42	39	12.38	cps
Erbium	164-2	20	7	13	13	49.99	cps
Gadolinium	160-1	25	58	92	58	57.14	cps
Gadolinium	160-2	93	147	93	111	27.71	cps
Holmium	165-1	6454555	6437632	6486498	6459562	0.38	cps
Holmium	165-2	3185271	3196666	3180357	3187431	0.26	cps
Indium	115-1	4846965	4866967	4894617	4869516	0.49	cps
Indium	115-2	963285	979607	996554	979815	1.70	cps
Iron	56-2	343355874	341725008	343037385	342706089	0.25	cps
Iron	57-2	8373561	8319217	8369572	8354117	0.36	cps
Krypton	83-1	367	330	283	327	12.79	cps
Lead	206-1	2781293	2785406	2766062	2777587	0.37	cps
Lead	207-1	2518341	2555714	2526774	2533610	0.77	cps
Lead	208-1	11124104	11248261	11178748	11183705	0.56	cps
Lithium	6-1	2609743	2599129	2628448	2612440	0.57	cps
Magnesium	24-2	81358621	80322877	81060073	80913857	0.66	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1984596	1962586	1979470	1975551	0.58	cps
Molybdenum	94-1	9576337	9602412	9699037	9625928	0.67	cps
Molybdenum	95-1	11659521	11694163	11781607	11711764	0.54	cps
Molybdenum	96-1	12731510	12824678	12836002	12797397	0.45	cps
Molybdenum	97-1	7347435	7358152	7372362	7359316	0.17	cps
Molybdenum	98-1	18394474	18322337	18469967	18395593	0.40	cps
Neodymium	150-1	347	420	307	358	16.07	cps
Neodymium	150-2	33	67	30	43	46.80	cps
Nickel	60-2	633215	643965	645658	640946	1.05	cps
Phosphorus	31-2	78607	79076	81447	79710	1.91	cps
Potassium	39-2	34329809	34188709	34340267	34286262	0.25	cps
Rhodium	103-1	4757437	4711084	4760936	4743152	0.59	cps
Rhodium	103-2	2160340	2153293	2168321	2160651	0.35	cps
Scandium	45-1	4753412	4751524	4765918	4756951	0.16	cps
Scandium	45-2	232115	234580	235702	234133	0.78	cps
Selenium	77-2	4387	4501	4584	4491	2.20	cps
Selenium	78-2	14974	15110	15147	15077	0.60	cps
Selenium	82-1	89203	89291	91521	90005	1.46	cps
Silicon	28-1	4979705	5048810	5104074	5044197	1.24	cps
Silver	109-1	4652809	4615183	4667977	4645323	0.59	cps
Silver	107-1	4837128	4853580	4849259	4846656	0.18	cps
Sodium	23-2	166571004	166518254	167918904	167002720	0.48	cps
Strontium	86-1	1421174	1453009	1482298	1452160	2.11	cps
Strontium	88-1	12678126	12685348	12746954	12703476	0.30	cps
Sulfur	34-1	1137999	1136390	1151069	1141819	0.71	cps
Terbium	159-1	6597207	6621020	6687042	6635090	0.70	cps
Terbium	159-2	3201021	3209901	3214606	3208509	0.22	cps
Thallium	203-1	3463354	3453514	3435491	3450786	0.41	cps
Thallium	205-1	7961803	8040741	7973179	7991908	0.53	cps
Thorium	232-1	12885424	12885696	12922434	12897851	0.17	cps
Tin	118-1	3338309	3341776	3358107	3346064	0.32	cps
Titanium	47-1	4129840	4166074	4156520	4150811	0.45	cps
Uranium	238-1	12554018	12425376	12408076	12462490	0.64	cps
Vanadium	51-2	1436595	1440887	1460242	1445908	0.87	cps
Yttrium	89-1	6091482	6108720	6124212	6108138	0.27	cps
Yttrium	89-2	925099	940287	948454	937947	1.26	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV43	Instrumnet Name :	P7
Client Sample ID :	CCV43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:10:18	DataFile Name :	047CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	457541	462975	465059	461858	0.84	cps
Zirconium	90-1	8121313	8185052	8204384	8170250	0.53	cps
Zirconium	91-1	1694804	1731123	1753229	1726385	1.71	cps

LB Number : LB98737 Operator : Jaswal
 Lab Sample ID : CCB43 Instrumnet Name : P7
 Client Sample ID : CCB43 Dilution Factor : 1
 Date & Time Acquired :: 2018-10-19 21:22:06 DataFile Name : 048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	208	158	183	183	13.64	cps
Antimony	121-1	292	325	358	325	10.26	cps
Arsenic	75-2	4	7	15	9	65.47	cps
Barium	135-1	67	50	125	81	48.89	cps
Barium	137-1	125	142	142	136	7.07	cps
Beryllium	9-1	128	50	61	80	52.83	cps
Bismuth	209-1	4023834	4052082	4032492	4036136	0.36	cps
Bismuth	209-2	2038969	2026743	2055270	2040327	0.70	cps
Boron	10-1	1775	1483	1367	1542	13.64	cps
Boron	11-1	7285	7027	6768	7027	3.68	cps
Cadmium	111-1	1823	2049	1903	1925	5.94	cps
Cadmium	106-1	2617	2917	2717	2750	5.55	cps
Cadmium	108-1	13	8	4	8	49.98	cps
Calcium	43-1	417	300	475	397	22.43	cps
Calcium	44-1	13982	13691	13440	13704	1.98	cps
Chromium	52-2	547	497	497	513	5.62	cps
Cobalt	59-2	70	63	60	64	7.90	cps
Copper	63-2	407	417	473	432	8.32	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	33	8	33	25	57.74	cps
Erbium	164-2	17	17	13	16	12.40	cps
Gadolinium	160-1	33	100	42	58	62.28	cps
Gadolinium	160-2	93	93	110	99	9.73	cps
Holmium	165-1	6632700	6686321	6561113	6626711	0.95	cps
Holmium	165-2	3309059	3310798	3360155	3326671	0.87	cps
Indium	115-1	5452500	5476797	5400770	5443356	0.71	cps
Indium	115-2	1023886	1042703	1056007	1040865	1.55	cps
Iron	56-2	9837	10170	10120	10043	1.79	cps
Iron	57-2	289	289	328	302	7.44	cps
Krypton	83-1	273	350	343	322	13.18	cps
Lead	206-1	467	422	544	478	12.95	cps
Lead	207-1	339	400	411	383	10.15	cps
Lead	208-1	1772	1717	1850	1780	3.76	cps
Lithium	6-1	2811813	2829586	2809152	2816850	0.39	cps
Magnesium	24-2	1217	1125	1308	1217	7.53	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:22:06	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	93	110	102	8.20	cps
Molybdenum	94-1	600	583	550	578	4.41	cps
Molybdenum	95-1	458	342	317	372	20.31	cps
Molybdenum	96-1	575	533	433	514	14.17	cps
Molybdenum	97-1	342	158	192	231	42.36	cps
Molybdenum	98-1	650	667	533	617	11.78	cps
Neodymium	150-1	13	0	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	37	37	80	51	48.94	cps
Phosphorus	31-2	150	158	133	147	8.65	cps
Potassium	39-2	24012	24788	24246	24349	1.64	cps
Rhodium	103-1	5524478	5558181	5549016	5543892	0.31	cps
Rhodium	103-2	2517644	2520483	2552768	2530298	0.77	cps
Scandium	45-1	5013961	5052388	5022177	5029509	0.40	cps
Scandium	45-2	233613	236878	240551	237014	1.46	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	74	61	67	67	9.66	cps
Selenium	82-1	104	6	20	43	123.81	cps
Silicon	28-1	227267	224372	227208	226282	0.73	cps
Silver	109-1	117	167	200	161	26.03	cps
Silver	107-1	200	175	167	181	9.61	cps
Sodium	23-2	24345	24537	23903	24262	1.34	cps
Strontium	86-1	558	550	458	522	10.63	cps
Strontium	88-1	392	283	300	325	17.95	cps
Sulfur	34-1	492936	494414	496139	494496	0.32	cps
Terbium	159-1	6950794	6946475	6957224	6951498	0.08	cps
Terbium	159-2	3389773	3384467	3409117	3394452	0.38	cps
Thallium	203-1	92	133	58	94	39.79	cps
Thallium	205-1	217	242	150	203	23.37	cps
Thorium	232-1	550	578	578	569	2.82	cps
Tin	118-1	483	542	608	544	11.49	cps
Titanium	47-1	67	183	92	114	53.93	cps
Uranium	238-1	125	158	258	181	38.43	cps
Vanadium	51-2	20	27	13	20	33.35	cps
Yttrium	89-1	6450711	6511876	6437112	6466567	0.62	cps
Yttrium	89-2	937301	951918	961334	950184	1.27	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB43	Instrumnet Name :	P7
Client Sample ID :	CCB43	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:22:06	DataFile Name :	048CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	943	920	977	947	3.01	cps
Zirconium	90-1	850	817	792	820	3.57	cps
Zirconium	91-1	192	133	192	172	19.56	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	1841296	1857488	1905684	1868156	1.79	cps
Antimony	121-1	408	325	317	350	14.48	cps
Arsenic	75-2	1345	1317	1452	1371	5.21	cps
Barium	135-1	203896	207551	207990	206479	1.09	cps
Barium	137-1	352475	353627	354927	353676	0.35	cps
Beryllium	9-1	3645	3751	3895	3764	3.34	cps
Bismuth	209-1	4037209	4085168	4021447	4047941	0.82	cps
Bismuth	209-2	2030933	2047497	2041600	2040010	0.41	cps
Boron	10-1	1950	1942	1775	1889	5.23	cps
Boron	11-1	9053	9462	9870	9462	4.32	cps
Cadmium	111-1	2491	2301	2428	2406	4.02	cps
Cadmium	106-1	3242	2959	3109	3103	4.57	cps
Cadmium	108-1	154	154	158	156	1.55	cps
Calcium	43-1	51599	51532	51691	51608	0.15	cps
Calcium	44-1	811318	827088	821142	819849	0.97	cps
Chromium	52-2	59921	61444	62920	61428	2.44	cps
Cobalt	59-2	66202	66132	66701	66345	0.47	cps
Copper	63-2	47908	48346	49654	48636	1.87	cps
Dysprosium	156-1	23846	24231	24013	24030	0.80	cps
Dysprosium	156-2	12189	12546	12362	12366	1.44	cps
Erbium	164-1	19147	18830	19473	19150	1.68	cps
Erbium	164-2	9270	9850	9624	9581	3.05	cps
Gadolinium	160-1	22920	22928	23429	23092	1.26	cps
Gadolinium	160-2	12226	12926	13250	12801	4.09	cps
Holmium	165-1	6777221	6871094	6776805	6808373	0.80	cps
Holmium	165-2	3399502	3406461	3397950	3401304	0.13	cps
Indium	115-1	5525771	5462646	5449779	5479398	0.74	cps
Indium	115-2	1052332	1072389	1085802	1070174	1.57	cps
Iron	56-2	45900644	46198727	46321497	46140289	0.47	cps
Iron	57-2	1086980	1113100	1111968	1104016	1.34	cps
Krypton	83-1	387	393	397	392	1.30	cps
Lead	206-1	124376	127443	127191	126337	1.35	cps
Lead	207-1	102565	105326	105242	104378	1.50	cps
Lead	208-1	479951	490981	489529	486821	1.23	cps
Lithium	6-1	2921346	2935647	2890160	2915718	0.80	cps
Magnesium	24-2	1840151	1850891	1873226	1854756	0.91	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1650966	1688024	1722333	1687108	2.12	cps
Molybdenum	94-1	31995	32488	32313	32265	0.77	cps
Molybdenum	95-1	1150	858	950	986	15.13	cps
Molybdenum	96-1	6869	6635	7144	6882	3.70	cps
Molybdenum	97-1	575	533	717	608	15.80	cps
Molybdenum	98-1	1483	1533	1675	1564	6.36	cps
Neodymium	150-1	35607	35052	35500	35386	0.83	cps
Neodymium	150-2	13554	14374	14324	14084	3.27	cps
Nickel	60-2	37622	38567	39437	38542	2.36	cps
Phosphorus	31-2	5134	5260	5726	5373	5.81	cps
Potassium	39-2	423510	435186	435334	431343	1.57	cps
Rhodium	103-1	5572191	5582395	5514060	5556215	0.66	cps
Rhodium	103-2	2553633	2551453	2536461	2547182	0.37	cps
Scandium	45-1	5169644	5212627	5215936	5199403	0.50	cps
Scandium	45-2	244674	248825	249857	247785	1.11	cps
Selenium	77-2	160	113	143	139	17.02	cps
Selenium	78-2	111	107	148	122	18.43	cps
Selenium	82-1	137	101	107	115	16.85	cps
Silicon	28-1	905982	924612	908031	912875	1.12	cps
Silver	109-1	875	858	600	778	19.82	cps
Silver	107-1	617	875	908	800	19.96	cps
Sodium	23-2	114391	117012	115618	115674	1.13	cps
Strontium	86-1	24872	24371	24772	24672	1.07	cps
Strontium	88-1	203978	203675	211073	206242	2.03	cps
Sulfur	34-1	448795	440268	432789	440617	1.82	cps
Terbium	159-1	7025053	7140726	7015051	7060277	0.99	cps
Terbium	159-2	3464712	3447170	3427861	3446581	0.53	cps
Thallium	203-1	1150	983	1225	1120	11.05	cps
Thallium	205-1	2584	2742	2434	2586	5.96	cps
Thorium	232-1	106525	107953	107374	107284	0.67	cps
Tin	118-1	883	833	908	875	4.36	cps
Titanium	47-1	44485	43340	44736	44187	1.68	cps
Uranium	238-1	20951	21702	20509	21054	2.87	cps
Vanadium	51-2	56153	57264	58174	57197	1.77	cps
Yttrium	89-1	6868959	6887588	6847844	6868130	0.29	cps
Yttrium	89-2	1012620	1032865	1041789	1029091	1.45	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	J5570-03DL2X10	Instrumnet Name :	P7
Client Sample ID :	TS-08DL2	Dilution Factor :	10
Date & Time Acquired ::	2018-10-19 21:40:41	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	42141	42873	42886	42633	1.00	cps
Zirconium	90-1	87090	88196	87525	87603	0.64	cps
Zirconium	91-1	20106	20031	19614	19917	1.33	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	7380903	7354686	7304810	7346800	0.53	cps
Antimony	121-1	3718451	3780422	3802094	3766989	1.15	cps
Arsenic	75-2	160966	163709	164420	163032	1.12	cps
Barium	135-1	4780009	4865214	4847391	4830871	0.93	cps
Barium	137-1	8114015	8206610	8239603	8186743	0.80	cps
Beryllium	9-1	1688327	1700237	1717785	1702116	0.87	cps
Bismuth	209-1	3453423	3450137	3433783	3445781	0.31	cps
Bismuth	209-2	1733888	1725980	1737483	1732450	0.34	cps
Boron	10-1	313030	319264	319031	317108	1.11	cps
Boron	11-1	1418596	1455446	1463084	1445709	1.65	cps
Cadmium	111-1	1004903	1015898	1030434	1017078	1.26	cps
Cadmium	106-1	119433	122231	123920	121861	1.86	cps
Cadmium	108-1	79852	81646	83808	81769	2.42	cps
Calcium	43-1	8662673	8653763	8690570	8669002	0.22	cps
Calcium	44-1	142655428	141998941	142781770	142478713	0.29	cps
Chromium	52-2	1760648	1791539	1777255	1776481	0.87	cps
Cobalt	59-2	2501902	2490821	2488127	2493617	0.29	cps
Copper	63-2	3152676	3143422	3139840	3145312	0.21	cps
Dysprosium	156-1	67	108	100	92	24.05	cps
Dysprosium	156-2	90	80	63	78	17.32	cps
Erbium	164-1	50	50	75	58	24.74	cps
Erbium	164-2	33	17	20	23	37.78	cps
Gadolinium	160-1	117	117	83	106	18.23	cps
Gadolinium	160-2	110	123	127	120	7.35	cps
Holmium	165-1	6435226	6415424	6396783	6415811	0.30	cps
Holmium	165-2	3222569	3201109	3186510	3203396	0.57	cps
Indium	115-1	4873201	4829902	4786767	4829957	0.89	cps
Indium	115-2	971782	989868	998007	986552	1.36	cps
Iron	56-2	344083585	344588630	343399463	344023893	0.17	cps
Iron	57-2	8429410	8393588	8321986	8381661	0.65	cps
Krypton	83-1	367	370	397	378	4.35	cps
Lead	206-1	2762760	2765981	2763203	2763981	0.06	cps
Lead	207-1	2520691	2508202	2529847	2519580	0.43	cps
Lead	208-1	11090670	11081680	11145687	11106013	0.31	cps
Lithium	6-1	2623708	2608894	2581560	2604721	0.82	cps
Magnesium	24-2	81973771	82585458	80850910	81803380	1.08	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1995906	1991228	1996459	1994531	0.14	cps
Molybdenum	94-1	9639951	9668118	9746625	9684898	0.57	cps
Molybdenum	95-1	11769738	11767711	11816781	11784743	0.24	cps
Molybdenum	96-1	12822077	12896306	12895672	12871352	0.33	cps
Molybdenum	97-1	7330659	7378893	7389981	7366511	0.43	cps
Molybdenum	98-1	18280618	18326660	18458617	18355298	0.50	cps
Neodymium	150-1	393	420	453	422	7.12	cps
Neodymium	150-2	57	53	57	56	3.47	cps
Nickel	60-2	636230	648415	646960	643868	1.03	cps
Phosphorus	31-2	81582	80852	80567	81001	0.65	cps
Potassium	39-2	34573483	34641088	34293004	34502525	0.53	cps
Rhodium	103-1	4719534	4686474	4682567	4696192	0.43	cps
Rhodium	103-2	2162471	2159640	2160764	2160959	0.07	cps
Scandium	45-1	4778961	4745677	4762524	4762387	0.35	cps
Scandium	45-2	236920	236955	235124	236333	0.44	cps
Selenium	77-2	4384	4547	4764	4565	4.18	cps
Selenium	78-2	14863	15316	15568	15249	2.34	cps
Selenium	82-1	91016	91909	92767	91897	0.95	cps
Silicon	28-1	4992032	5015558	5112666	5040085	1.27	cps
Silver	109-1	4653060	4624049	4652712	4643274	0.36	cps
Silver	107-1	4847387	4868491	4876862	4864247	0.31	cps
Sodium	23-2	167995550	168433991	168600700	168343413	0.19	cps
Strontium	86-1	1440564	1462389	1469370	1457441	1.03	cps
Strontium	88-1	12617165	12715040	12715628	12682611	0.45	cps
Sulfur	34-1	1158909	1154892	1164823	1159541	0.43	cps
Terbium	159-1	6621263	6586558	6573640	6593820	0.37	cps
Terbium	159-2	3214361	3219304	3206732	3213466	0.20	cps
Thallium	203-1	3380199	3433012	3443158	3418790	0.99	cps
Thallium	205-1	7855611	7946861	7983687	7928720	0.83	cps
Thorium	232-1	12769605	12902257	12880308	12850723	0.55	cps
Tin	118-1	3326168	3366855	3369497	3354173	0.72	cps
Titanium	47-1	4160717	4184189	4190827	4178578	0.38	cps
Uranium	238-1	12276241	12372849	12451183	12366758	0.71	cps
Vanadium	51-2	1443837	1468921	1462101	1458286	0.89	cps
Yttrium	89-1	6108781	6058198	6061804	6076261	0.46	cps
Yttrium	89-2	944105	949710	951794	948536	0.42	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCV44	Instrumnet Name :	P7
Client Sample ID :	CCV44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:44:47	DataFile Name :	050CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	462836	471749	473525	469370	1.22	cps
Zirconium	90-1	8161316	8211948	8251880	8208381	0.55	cps
Zirconium	91-1	1723153	1750470	1766548	1746724	1.26	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:56:46	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	33	92	72	46.64	cps
Antimony	121-1	242	267	200	236	14.26	cps
Arsenic	75-2	7	6	7	7	15.72	cps
Barium	135-1	42	42	67	50	28.87	cps
Barium	137-1	67	75	75	72	6.66	cps
Beryllium	9-1	33	56	50	46	24.99	cps
Bismuth	209-1	3993279	4002265	3968094	3987880	0.44	cps
Bismuth	209-2	1990579	1969806	1971195	1977193	0.59	cps
Boron	10-1	1525	1775	1842	1714	9.74	cps
Boron	11-1	8061	7269	7711	7680	5.17	cps
Cadmium	111-1	1945	1796	1746	1829	5.67	cps
Cadmium	106-1	2775	2567	2492	2611	5.62	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	158	208	200	189	14.18	cps
Calcium	44-1	11447	11438	10871	11252	2.93	cps
Chromium	52-2	630	477	550	552	13.89	cps
Cobalt	59-2	37	37	53	42	22.78	cps
Copper	63-2	297	213	267	259	16.30	cps
Dysprosium	156-1	0	0	0	0	0.00	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	42	50	17	36	48.03	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	58	42	25	42	40.00	cps
Gadolinium	160-2	73	73	70	72	2.66	cps
Holmium	165-1	6561205	6577457	6526028	6554897	0.40	cps
Holmium	165-2	3282195	3243892	3266506	3264198	0.59	cps
Indium	115-1	5382729	5348398	5316938	5349355	0.62	cps
Indium	115-2	1002633	1021932	1015498	1013354	0.97	cps
Iron	56-2	6841	6830	6896	6855	0.52	cps
Iron	57-2	172	211	250	211	18.42	cps
Krypton	83-1	340	377	343	353	5.74	cps
Lead	206-1	250	261	222	244	8.19	cps
Lead	207-1	289	256	228	257	11.89	cps
Lead	208-1	1011	1083	944	1013	6.86	cps
Lithium	6-1	2754494	2774125	2764390	2764336	0.36	cps
Magnesium	24-2	517	533	592	547	7.20	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:56:46	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	73	67	47	62	22.30	cps
Molybdenum	94-1	300	400	358	353	14.24	cps
Molybdenum	95-1	258	183	383	275	36.74	cps
Molybdenum	96-1	350	292	250	297	16.90	cps
Molybdenum	97-1	308	158	142	203	45.27	cps
Molybdenum	98-1	525	500	408	478	12.86	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	37	20	26	37.66	cps
Phosphorus	31-2	183	175	142	167	13.23	cps
Potassium	39-2	24938	24763	24988	24897	0.47	cps
Rhodium	103-1	5402817	5420449	5406756	5410007	0.17	cps
Rhodium	103-2	2477369	2468197	2462387	2469318	0.31	cps
Scandium	45-1	4974562	4950925	4950292	4958593	0.28	cps
Scandium	45-2	233301	232465	233402	233056	0.22	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	48	96	48	64	43.30	cps
Selenium	82-1	16	-32	11	-2	-1390.24	cps
Silicon	28-1	237016	238489	237912	237806	0.31	cps
Silver	109-1	150	175	117	147	19.88	cps
Silver	107-1	192	158	192	181	10.66	cps
Sodium	23-2	26341	25389	25823	25851	1.84	cps
Strontium	86-1	525	508	592	542	8.14	cps
Strontium	88-1	175	217	167	186	14.40	cps
Sulfur	34-1	490113	494003	493625	492581	0.44	cps
Terbium	159-1	6827045	6794683	6781817	6801182	0.34	cps
Terbium	159-2	3311875	3293518	3299122	3301505	0.28	cps
Thallium	203-1	42	75	42	53	36.46	cps
Thallium	205-1	192	108	83	128	44.39	cps
Thorium	232-1	389	261	261	304	24.29	cps
Tin	118-1	533	517	525	525	1.59	cps
Titanium	47-1	67	67	100	78	24.74	cps
Uranium	238-1	83	50	58	64	27.15	cps
Vanadium	51-2	13	7	17	12	41.65	cps
Yttrium	89-1	6352391	6381742	6368988	6367707	0.23	cps
Yttrium	89-2	924824	936005	931369	930732	0.60	cps

LB Number :	LB98737	Operator :	Jaswal
Lab Sample ID :	CCB44	Instrumnet Name :	P7
Client Sample ID :	CCB44	Dilution Factor :	1
Date & Time Acquired ::	2018-10-19 21:56:46	DataFile Name :	051CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zinc	66-2	760	723	727	737	2.75	cps
Zirconium	90-1	583	750	750	694	13.86	cps
Zirconium	91-1	200	75	133	136	45.95	cps