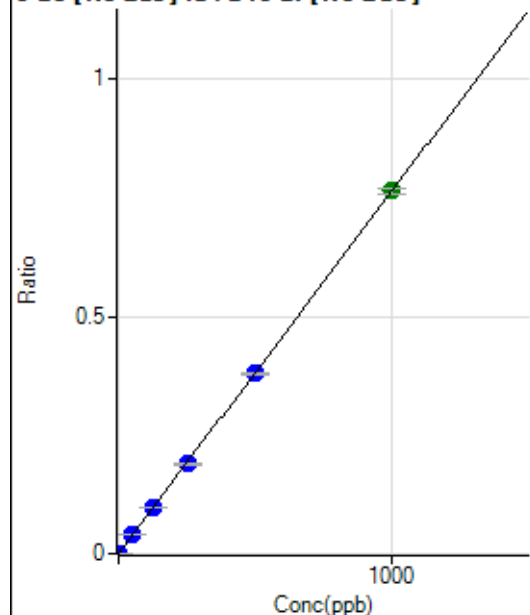


Batch Folder: D:\P8080718-MS.b\
Analysis File: P8080718-MS.batch.bin
DA Date-Time: 2018-08-08 10:39:28
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-08-07 15:16:23
2			
3	005CALS.d	S02	2018-08-07 15:23:55
4	006CALS.d	S03	2018-08-07 15:27:38
5	007CALS.d	S04	2018-08-07 15:31:20
6	008CALS.d	S05	2018-08-07 15:34:56
7	009CALS.d	S06	2018-08-07 15:38:28
8	010CALS.d	S07	2018-08-07 15:41:55
9	011CALS.d	S08	2018-08-07 15:45:16

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	138.89	0.0001	P	24.4
2	☐	0.100					
3	☐	1.000	0.979	1329.73	0.0008	P	8.1
4	☐	50.000	50.778	62567.34	0.0388	P	1.0
5	☐	125.000	126.058	155006.54	0.0963	P	0.5
6	☐	250.000	248.546	304289.10	0.1898	P	2.4
7	☐	500.000	496.499	604962.53	0.3790	P	1.7
8	☐	1000.000	1001.943	1189944.69	0.7648	A	1.9
9	☐			737.08	0.0005	P	10.8

$$y = 7.6324\text{E-}004 * x + 8.6113\text{E-}005$$

$$R = 1.0000$$

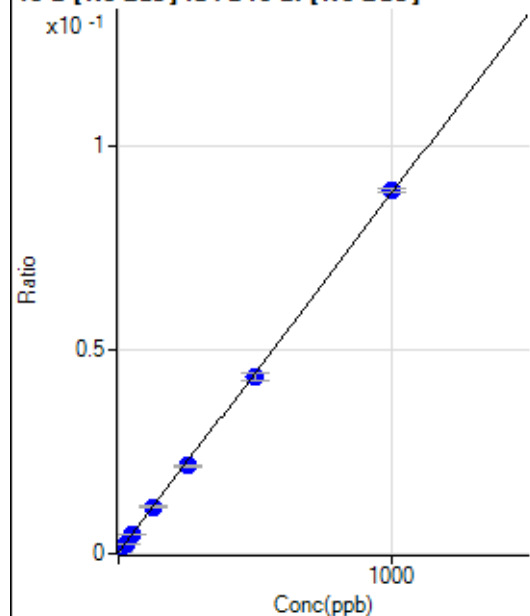
$$DL = 0.08273$$

$$BEC = 0.1128$$

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	583.38	0.0004	P	7.1
2	☐	2.500					
3	☐	25.000	23.558	3892.35	0.0024	P	8.4
4	☐	50.000	48.348	7441.17	0.0046	P	1.8
5	☐	125.000	126.103	18457.01	0.0115	P	1.8
6	☐	250.000	241.709	34712.61	0.0216	P	2.2
7	☐	500.000	490.457	69499.35	0.0436	P	4.3
8	☐	1000.000	1006.825	138552.22	0.0890	P	1.1
9	☐			7257.73	0.0047	P	6.7

$$y = 8.8068\text{E-}005 * x + 3.6133\text{E-}004$$

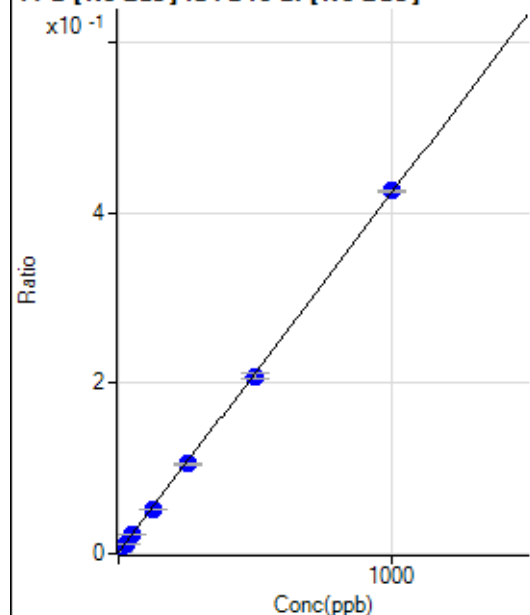
$$R = 0.9999$$

$$DL = 0.8726$$

$$BEC = 4.103$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2603.14	0.0016	P	5.8
2	☐	2.500					
3	☐	25.000	22.689	17845.03	0.0112	P	3.2
4	☐	50.000	48.305	35350.09	0.0219	P	1.0
5	☐	125.000	120.197	84026.27	0.0522	P	1.7
6	☐	250.000	245.203	168118.71	0.1048	P	0.5
7	☐	500.000	490.830	332250.61	0.2082	P	3.5
8	☐	1000.000	1006.527	661841.06	0.4253	P	0.8
9	☐			33916.07	0.0221	P	6.2

$$y = 4.2090\text{E-}004 * x + 0.0016$$

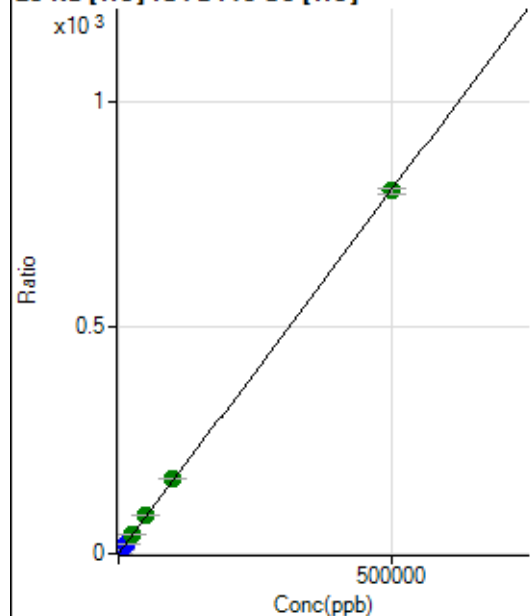
$$R = 0.9999$$

$$DL = 0.6644$$

$$BEC = 3.831$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	7438.40	0.1942	P	1.7
2	☐	50.000					
3	☐	500.000	514.579	39060.32	1.0218	P	2.5
4	☐	5000.000	5397.766	340724.90	8.8752	P	1.3
5	☐	12500.000	13331.272	831447.46	21.6343	P	2.0
6	☐	25000.000	27257.576	1684766.03	44.0313	A	1.2
7	☐	50000.000	52675.844	3283271.93	84.9103	A	0.5
8	☐	100000.00	103502.09	6438681.96	166.6519	A	0.8
9	☐	500000.00	498894.34	31556104.52	802.5432	A	1.3

$$y = 0.0016 * x + 0.1942$$

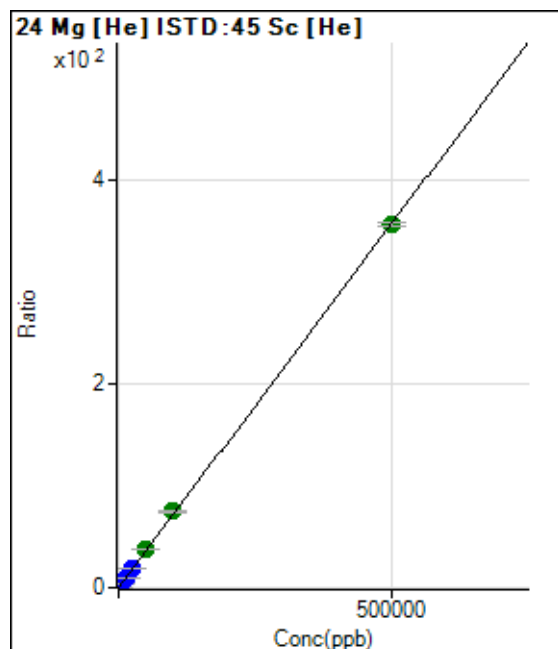
$$R = 1.0000$$

$$DL = 6.113$$

$$BEC = 120.7$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	258.35	0.0067	P	22.0
2	☐	50.000					
3	☐	500.000	501.364	13971.36	0.3655	P	4.4
4	☐	5000.000	5445.770	149865.51	3.9035	P	0.8
5	☐	12500.000	13410.518	369088.25	9.6028	P	1.4
6	☐	25000.000	26714.693	731661.77	19.1227	P	1.7
7	☐	50000.000	53021.610	1467236.48	37.9470	A	1.4
8	☐	100000.00	104926.65	2901006.17	75.0882	A	1.6
9	☐	500000.00	498599.55	14029028.09	356.7853	A	1.1

$$y = 7.1556\text{E-}004 * x + 0.0067$$

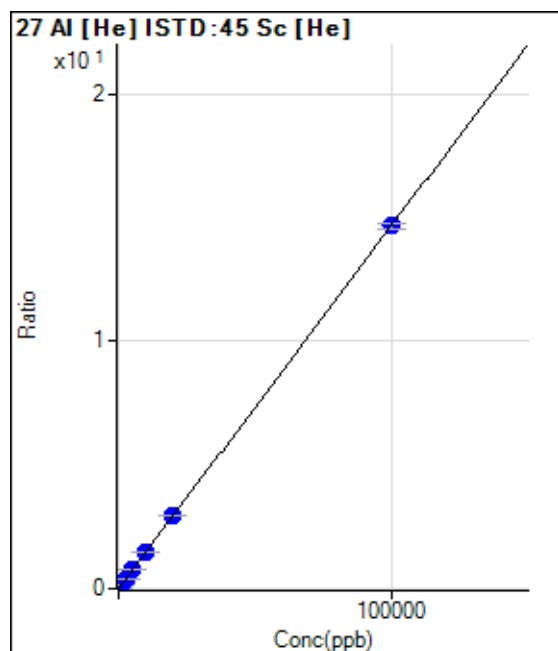
$$R = 0.9999$$

$$DL = 6.211$$

$$BEC = 9.421$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	13.33	0.0003	P	29.1
2	☐	2.000					
3	☐	20.000	21.677	135.03	0.0035	P	14.7
4	☐	1000.000	1027.871	5809.36	0.1513	P	1.6
5	☐	2500.000	2578.953	14573.71	0.3792	P	1.2
6	☐	5000.000	5212.644	29310.02	0.7660	P	1.7
7	☐	10000.000	10150.454	57665.45	1.4913	P	1.1
8	☐	20000.000	20190.914	114598.33	2.9661	P	0.8
9	☐	100000.00	99933.887	577174.90	14.6794	P	1.5

$$y = 1.4689\text{E-}004 * x + 3.4837\text{E-}004$$

$$R = 1.0000$$

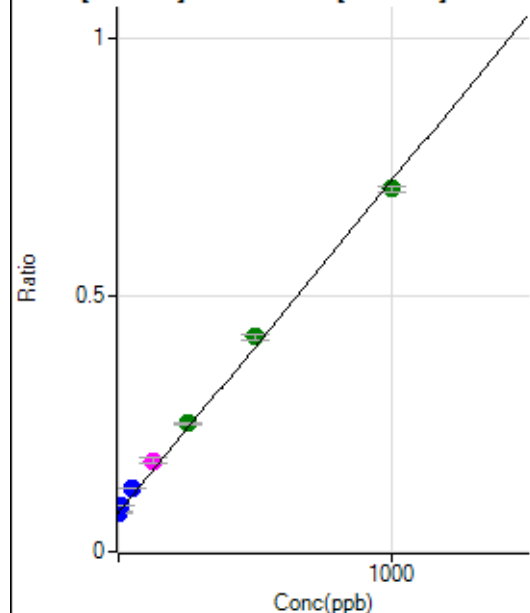
$$DL = 2.071$$

$$BEC = 2.372$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	397837.53	0.0764	P	2.5
2	☐	1.000					
3	☐	10.000	22.313	457611.44	0.0908	P	2.2
4	☐	50.000	71.274	633828.22	0.1225	P	0.8
5	☐	125.000	157.005	933448.76	0.1780	M	6.9
6	☐	250.000	269.066	1296625.03	0.2505	A	1.4
7	☐	500.000	528.764	2154933.92	0.4187	A	2.7
8	☐	1000.000	975.664	3635501.95	0.7079	A	1.7
9	☐			537180.69	0.1070	P	1.4

$$y = 6.4731\text{E-}004 * x + 0.0764$$

$$R = 0.9990$$

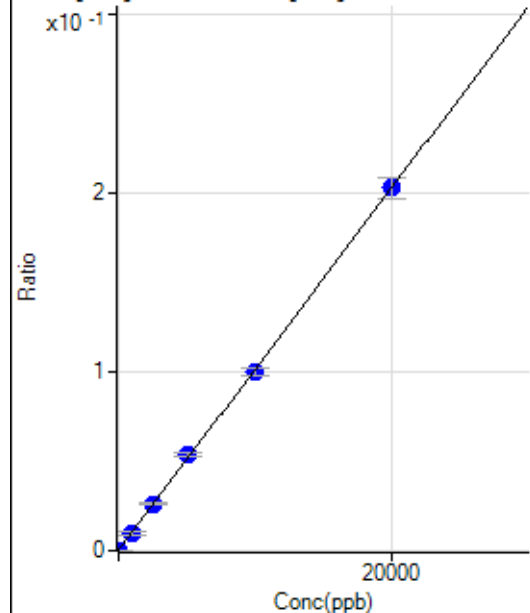
$$DL = 8.974$$

$$BEC = 118$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-3.607	5.56	0.0001	P	173.
2	☐	0.000					
3	☐	0.000	3.607	8.33	0.0002	P	173.
4	☐	1000.000	938.988	372.25	0.0097	P	11.6
5	☐	2500.000	2562.445	1005.64	0.0262	P	6.3
6	☐	5000.000	5290.166	2058.57	0.0538	P	4.1
7	☐	10000.000	9836.771	3861.80	0.0999	P	4.7
8	☐	20000.000	20004.318	7841.42	0.2030	P	5.7
9	☐			16.67	0.0004	P	51.5

$$y = 1.0138\text{E-}005 * x + 1.8140\text{E-}004$$

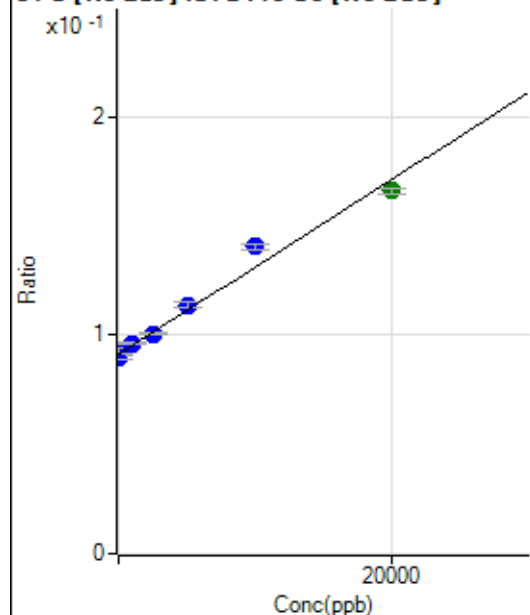
$$R = 0.9998$$

$$DL = 92.98$$

$$BEC = 17.89$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-408.220	467391.03	0.0897	P	2.5
2	☐	0.000					
3	☐	0.000	408.220	468531.82	0.0930	P	2.5
4	☐	1000.000	1172.139	496895.22	0.0960	P	1.0
5	☐	2500.000	2314.804	527534.55	0.1006	P	0.6
6	☐	5000.000	5651.771	589637.54	0.1139	P	2.3
7	☐	10000.000	12301.142	723379.68	0.1405	P	2.3
8	☐	20000.000	18701.029	852974.01	0.1661	A	1.7
9	☐			426171.02	0.0849	P	1.2

$$y = 3.9969\text{E-}006 * x + 0.0914$$

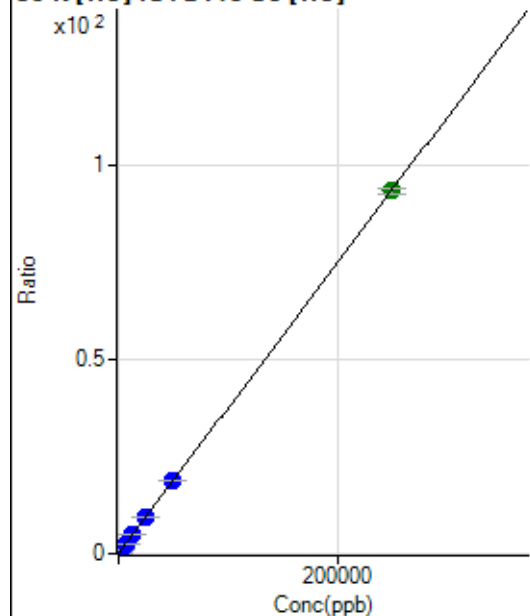
$$R = 0.9884$$

$$DL = 1704$$

$$BEC = 2.286\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2761.50	0.0721	P	5.2
2	☐	50.000					
3	☐	500.000	475.422	9536.96	0.2495	P	2.7
4	☐	2500.000	2576.187	39662.46	1.0331	P	2.3
5	☐	6250.000	6446.738	95195.75	2.4770	P	2.1
6	☐	12500.000	12912.466	187074.73	4.8890	P	1.4
7	☐	25000.000	25304.961	367773.54	9.5120	P	1.6
8	☐	50000.000	50187.096	726117.40	18.7941	P	0.9
9	☐	250000.00	249905.83	3668294.66	93.2979	A	1.8

$$y = 3.7304\text{E-}004 * x + 0.0721$$

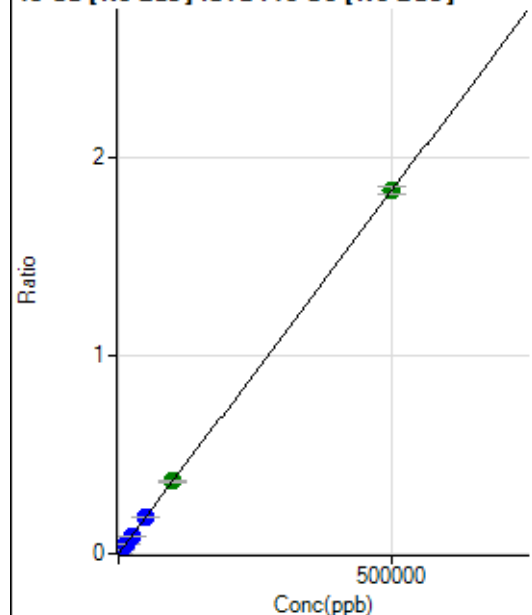
$$R = 1.0000$$

$$DL = 30.1$$

$$BEC = 193.3$$

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	750.06	0.0001	P	21.3
2	☐	50.000					
3	☐	500.000	482.410	9634.25	0.0019	P	4.6
4	☐	5000.000	4954.256	94668.23	0.0183	P	1.2
5	☐	12500.000	12277.906	236651.69	0.0451	P	1.0
6	☐	25000.000	24613.490	467471.18	0.0903	P	2.1
7	☐	50000.000	49588.395	936146.29	0.1819	P	2.1
8	☐	100000.00	100204.09	1886140.11	0.3673	A	2.4
9	☐	500000.00	500025.69	9195700.21	1.8324	A	2.1

$$y = 3.6644\text{E-}006 * x + 1.4382\text{E-}004$$

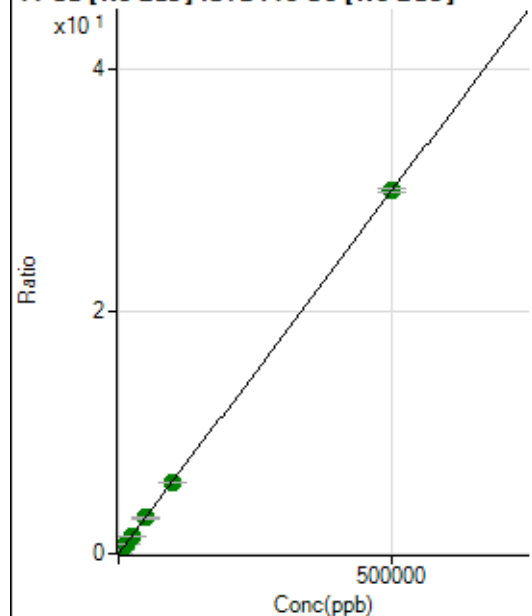
$$R = 1.0000$$

$$DL = 25.13$$

$$BEC = 39.25$$

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	22196.09	0.0043	P	3.6
2	☐	50.000					
3	☐	500.000	479.423	166002.11	0.0329	P	2.7
4	☐	5000.000	5011.755	1573477.30	0.3041	A	1.4
5	☐	12500.000	12327.762	3889952.35	0.7419	A	0.8
6	☐	25000.000	24465.568	7597323.26	1.4682	A	2.2
7	☐	50000.000	49334.584	15218011.62	2.9562	A	2.0
8	☐	100000.00	97862.507	30090337.13	5.8599	A	2.2
9	☐	500000.00	500524.97	150322732.5	29.9534	A	1.1

$$y = 5.9835\text{E-}005 * x + 0.0043$$

$$R = 1.0000$$

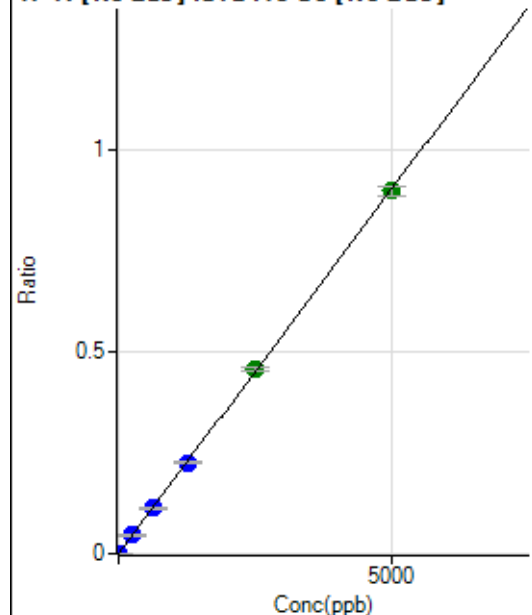
$$DL = 7.612$$

$$BEC = 71.22$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	122.23	0.0000	P	26.8
2	☐	0.500					
3	☐	5.000	4.991	4650.98	0.0009	P	5.6
4	☐	250.000	250.824	234154.06	0.0453	P	1.5
5	☐	625.000	621.512	587851.13	0.1121	P	0.8
6	☐	1250.000	1250.027	1166748.19	0.2255	P	2.1
7	☐	2500.000	2542.885	2360988.72	0.4586	A	2.2
8	☐	5000.000	4978.946	4610955.14	0.8980	A	2.4
9	☐			2578.14	0.0005	P	5.4

$$y = 1.8035E-004 * x + 2.3379E-005$$

$$R = 0.9999$$

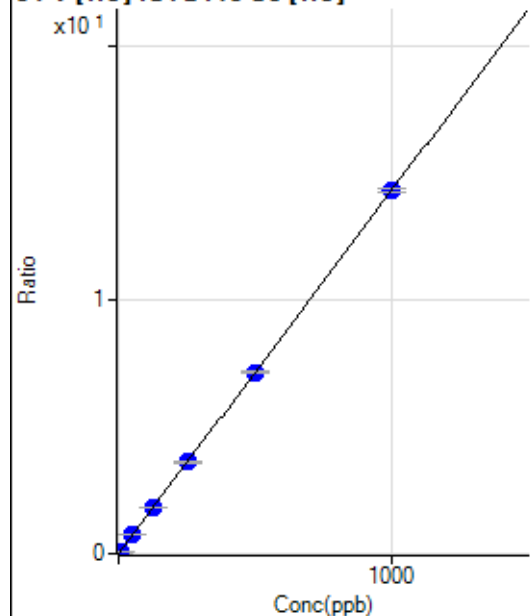
$$DL = 0.104$$

$$BEC = 0.1296$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	11.11	0.0003	P	17.8
2	☐	0.500					
3	☐	5.000	4.773	2622.52	0.0686	P	4.4
4	☐	50.000	50.954	28004.92	0.7295	P	1.8
5	☐	125.000	126.705	69706.87	1.8136	P	1.5
6	☐	250.000	252.499	138283.25	3.6139	P	0.9
7	☐	500.000	499.331	276329.11	7.1465	P	0.8
8	☐	1000.000	999.450	552638.34	14.3039	P	0.9
9	☐			223.34	0.0057	P	1.0

$$y = 0.0143 * x + 2.9021E-004$$

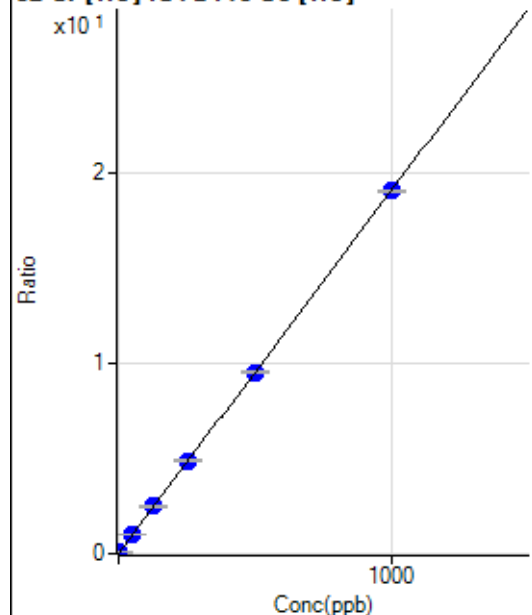
$$R = 1.0000$$

$$DL = 0.01084$$

$$BEC = 0.02028$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	375.57	0.0098	P	4.7
2	☐	0.200					
3	☐	2.000	2.231	1999.07	0.0523	P	6.7
4	☐	50.000	52.985	39113.58	1.0189	P	1.7
5	☐	125.000	129.322	95036.38	2.4727	P	1.7
6	☐	250.000	255.412	186492.31	4.8741	P	1.5
7	☐	500.000	498.627	367553.05	9.5061	P	1.3
8	☐	1000.000	998.643	735195.07	19.0288	P	0.6
9	☐			29934.43	0.7613	P	1.4

$$y = 0.0190 * x + 0.0098$$

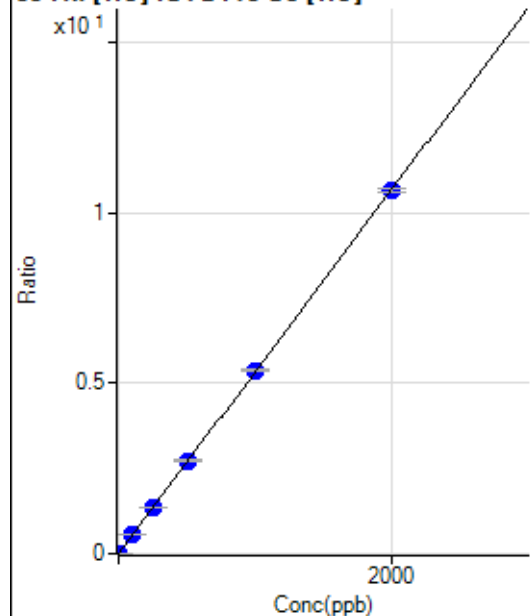
$$R = 1.0000$$

$$DL = 0.07195$$

$$BEC = 0.5149$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	42.22	0.0011	P	16.4
2	☐	0.100					
3	☐	1.000	0.937	233.34	0.0061	P	3.9
4	☐	100.000	102.418	21032.73	0.5478	P	0.2
5	☐	250.000	255.670	52498.37	1.3660	P	1.9
6	☐	500.000	511.725	104568.61	2.7329	P	1.1
7	☐	1000.000	1004.597	207401.31	5.3640	P	1.2
8	☐	2000.000	1993.941	411291.10	10.6455	P	1.1
9	☐			2147.99	0.0547	P	9.0

$$y = 0.0053 * x + 0.0011$$

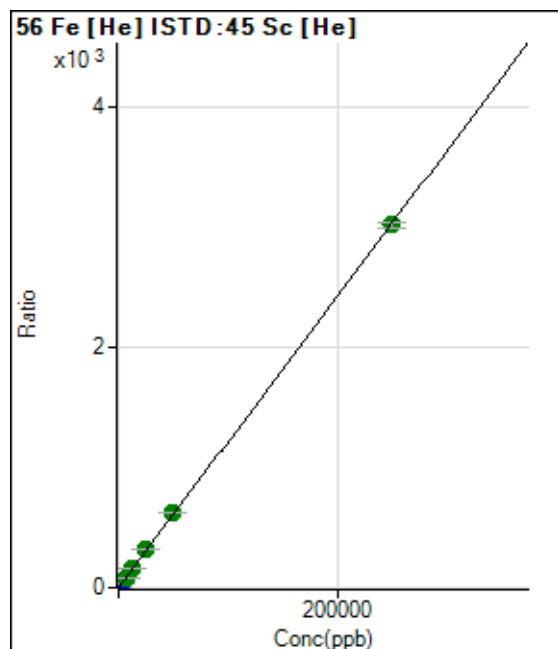
$$R = 1.0000$$

$$DL = 0.1015$$

$$BEC = 0.2065$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1251.95	0.0327	P	10.5
2	☐	5.000					
3	☐	50.000	52.002	25314.15	0.6622	P	2.0
4	☐	2500.000	2723.067	1266777.93	32.9971	P	0.5
5	☐	6250.000	6799.297	3164491.16	82.3424	A	2.3
6	☐	12500.000	13312.801	6167525.31	161.1925	A	1.5
7	☐	25000.000	26138.563	12236067.40	316.4564	A	1.3
8	☐	50000.000	51884.026	24267780.17	628.1213	A	0.8
9	☐	250000.00	249452.73	118734043.3	3,019.814	A	1.6

$$y = 0.0121 * x + 0.0327$$

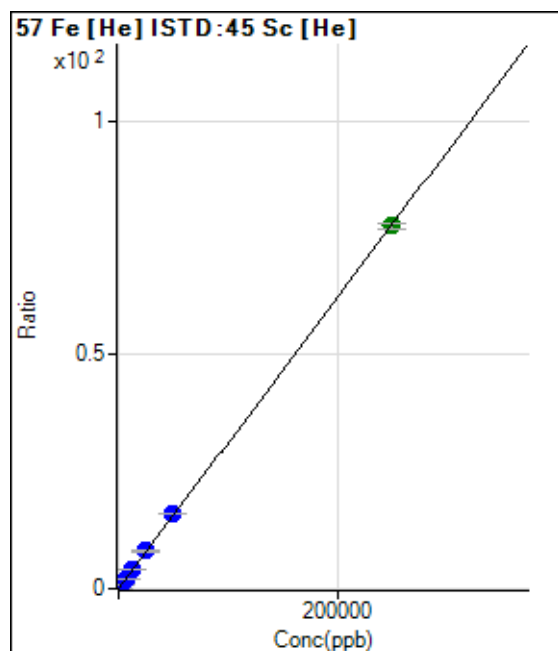
$$R = 1.0000$$

$$DL = 0.8479$$

$$BEC = 2.699$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	35.19	0.0009	P	51.3
2	☐	5.000					
3	☐	50.000	56.649	707.45	0.0185	P	1.6
4	☐	2500.000	2675.572	31922.29	0.8315	P	0.9
5	☐	6250.000	6591.487	78682.02	2.0472	P	1.9
6	☐	12500.000	13174.282	156518.48	4.0908	P	1.6
7	☐	25000.000	25854.731	310378.14	8.0273	P	1.5
8	☐	50000.000	51340.612	615820.63	15.9392	P	0.6
9	☐	250000.00	249602.39	3046788.03	77.4878	A	1.5

$$y = 3.1044E-004 * x + 9.2004E-004$$

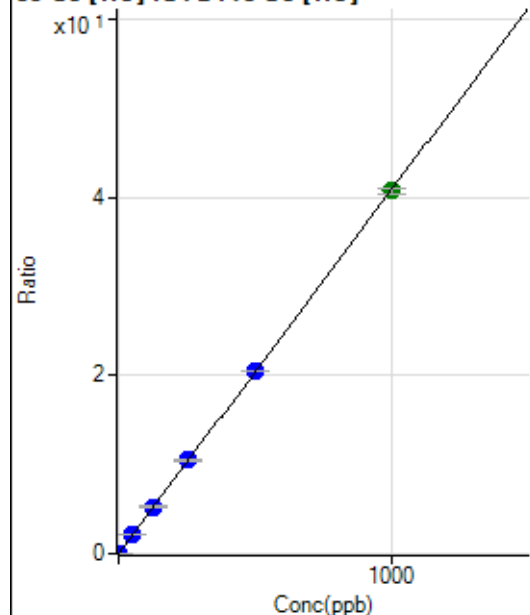
$$R = 1.0000$$

$$DL = 4.56$$

$$BEC = 2.964$$

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	95.56	0.0025	P	1.5
2	☐	0.100					
3	☐	1.000	1.006	1667.91	0.0436	P	3.4
4	☐	50.000	52.077	81819.55	2.1312	P	0.5
5	☐	125.000	128.859	202524.26	5.2699	P	2.3
6	☐	250.000	256.559	401379.30	10.4899	P	1.4
7	☐	500.000	501.289	792436.30	20.4937	P	0.5
8	☐	1000.000	997.130	1574837.63	40.7622	A	1.6
9	☐			19301.39	0.4909	P	2.1

$$y = 0.0409 * x + 0.0025$$

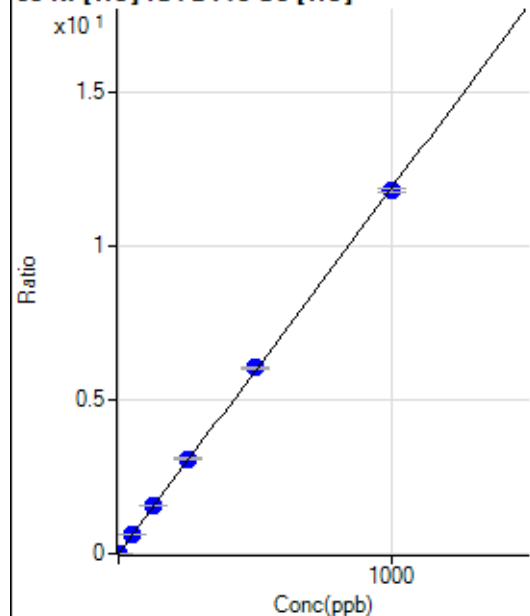
$$R = 1.0000$$

$$DL = 0.002819$$

$$BEC = 0.06103$$

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	231.12	0.0060	P	9.4
2	☐	0.100					
3	☐	1.000	1.092	725.59	0.0190	P	7.1
4	☐	50.000	53.069	24384.89	0.6352	P	0.7
5	☐	125.000	131.516	60158.24	1.5651	P	1.3
6	☐	250.000	258.495	117482.46	3.0705	P	1.5
7	☐	500.000	508.158	233158.54	6.0302	P	1.3
8	☐	1000.000	992.829	454968.32	11.7760	P	1.1
9	☐			15030.58	0.3823	P	1.8

$$y = 0.0119 * x + 0.0060$$

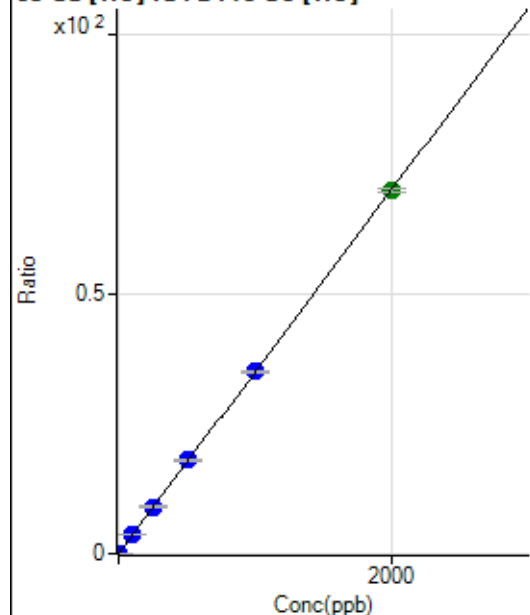
$$R = 0.9999$$

$$DL = 0.1435$$

$$BEC = 0.5088$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	424.46	0.0111	P	7.0
2	☐	0.200					
3	☐	2.000	1.989	3084.84	0.0807	P	3.8
4	☐	100.000	104.688	141048.25	3.6741	P	0.9
5	☐	250.000	258.707	348315.38	9.0632	P	2.0
6	☐	500.000	514.520	689267.72	18.0140	P	1.2
7	☐	1000.000	1001.033	1354757.24	35.0370	P	0.8
8	☐	2000.000	1994.531	2696697.95	69.7992	A	1.2
9	☐			6757.32	0.1718	P	1.4

$$y = 0.0350 * x + 0.0111$$

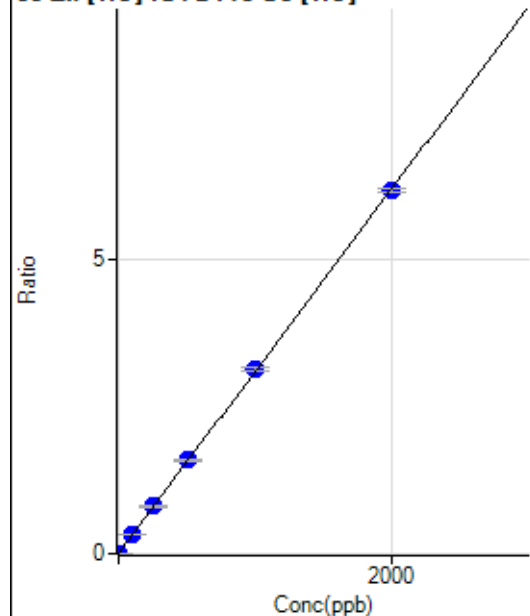
$$R = 1.0000$$

$$DL = 0.06646$$

$$BEC = 0.3167$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	145.56	0.0038	P	9.7
2	☐	0.200					
3	☐	2.000	2.017	383.35	0.0100	P	4.9
4	☐	100.000	103.963	12468.01	0.3248	P	0.2
5	☐	250.000	257.924	30749.80	0.8001	P	2.4
6	☐	500.000	513.365	60788.13	1.5887	P	1.2
7	☐	1000.000	1009.288	120622.73	3.1197	P	1.8
8	☐	2000.000	1990.826	237607.72	6.1500	P	1.0
9	☐			1932.39	0.0491	P	5.9

$$y = 0.0031 * x + 0.0038$$

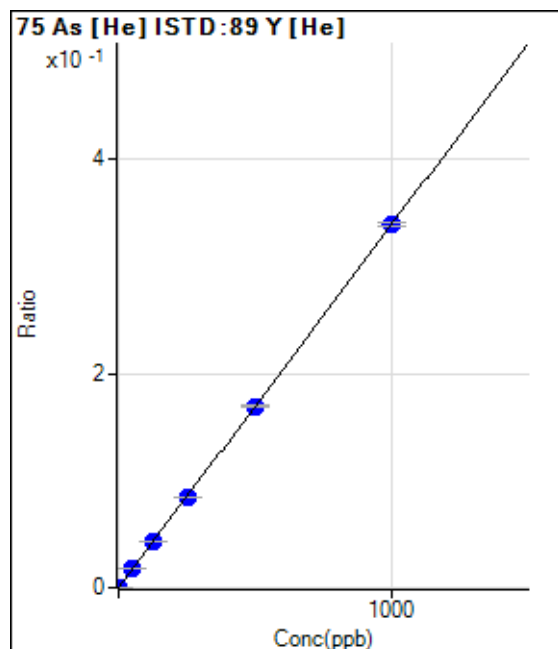
$$R = 1.0000$$

$$DL = 0.3576$$

$$BEC = 1.231$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	6.79	0.0000	P	79.1
2	☐	0.100					
3	☐	1.000	1.099	103.71	0.0004	P	24.3
4	☐	50.000	52.302	4634.15	0.0178	P	3.4
5	☐	125.000	126.805	11342.40	0.0430	P	2.2
6	☐	250.000	250.022	22187.62	0.0848	P	1.1
7	☐	500.000	500.119	44504.67	0.1697	P	0.3
8	☐	1000.000	999.594	88606.87	0.3391	P	1.1
9	☐			156.79	0.0006	P	5.1

$$y = 3.3923\text{E-}004 * x + 2.5888\text{E-}005$$

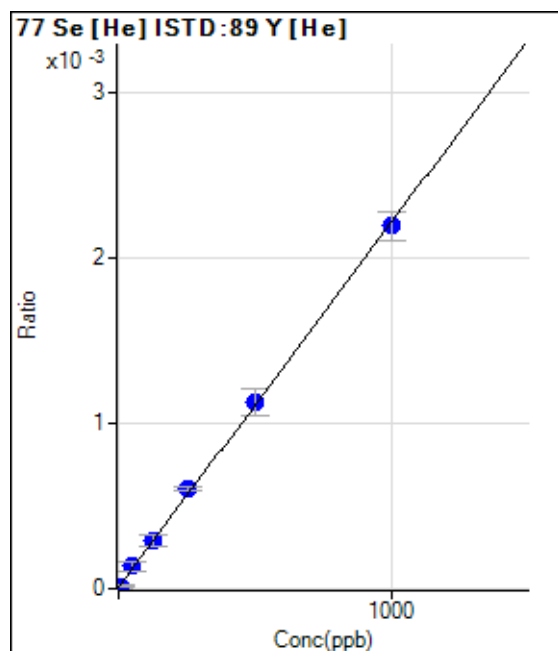
$$R = 1.0000$$

$$DL = 0.181$$

$$BEC = 0.07631$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	2.033	3.33	0.0000	P	100.
4	☐	50.000	58.021	35.56	0.0001	P	42.7
5	☐	125.000	128.176	76.67	0.0003	P	24.6
6	☐	250.000	271.691	158.89	0.0006	P	3.7
7	☐	500.000	507.535	295.56	0.0011	P	13.7
8	☐	1000.000	990.026	572.25	0.0022	P	7.7
9	☐			2.22	0.0000	P	86.6

$$y = 2.2045\text{E-}006 * x + 8.4962\text{E-}006$$

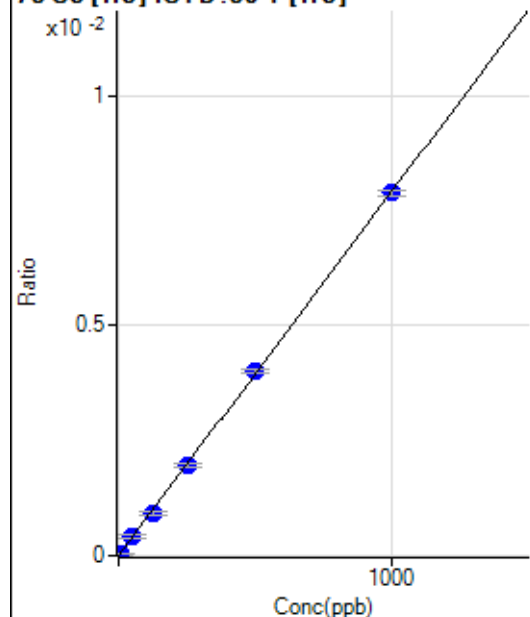
$$R = 0.9997$$

$$DL = 20.03$$

$$BEC = 3.854$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	0.62	0.0000	P	173.
2	☐	0.500					
3	☐	5.000	5.718	12.34	0.0000	P	35.0
4	☐	50.000	52.654	109.26	0.0004	P	15.9
5	☐	125.000	117.310	245.07	0.0009	P	7.7
6	☐	250.000	248.366	514.21	0.0020	P	2.9
7	☐	500.000	507.917	1053.75	0.0040	P	2.2
8	☐	1000.000	997.275	2060.67	0.0079	P	1.4
9	☐			2.47	0.0000	P	42.6

$$y = 7.9058\text{E-}006 * x + 2.3565\text{E-}006$$

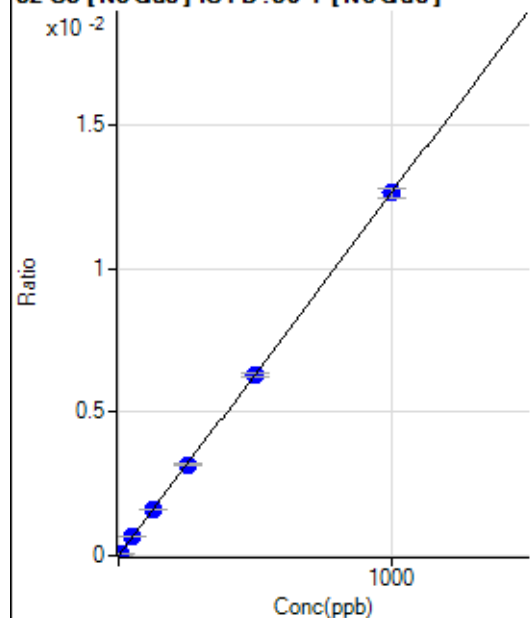
$$R = 0.9999$$

$$DL = 1.549$$

$$BEC = 0.2981$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	-45.64	0.0000	P	-22.
2	☐	0.500					
3	☐	5.000	5.253	519.90	0.0001	P	20.0
4	☐	50.000	51.939	5716.30	0.0007	P	1.4
5	☐	125.000	126.581	14092.25	0.0016	P	2.5
6	☐	250.000	251.269	27821.76	0.0032	P	2.7
7	☐	500.000	498.867	55450.75	0.0063	P	1.7
8	☐	1000.000	999.953	110073.13	0.0126	P	2.4
9	☐			80.08	0.0000	P	66.5

$$y = 1.2649\text{E-}005 * x - 5.2296\text{E-}006$$

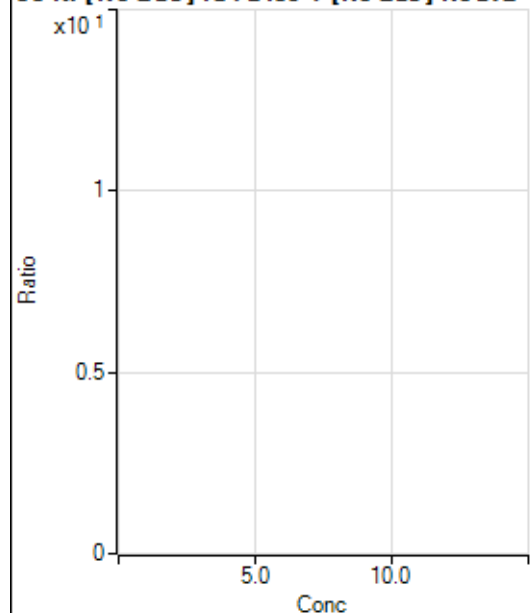
$$R = 1.0000$$

$$DL = 0.2727$$

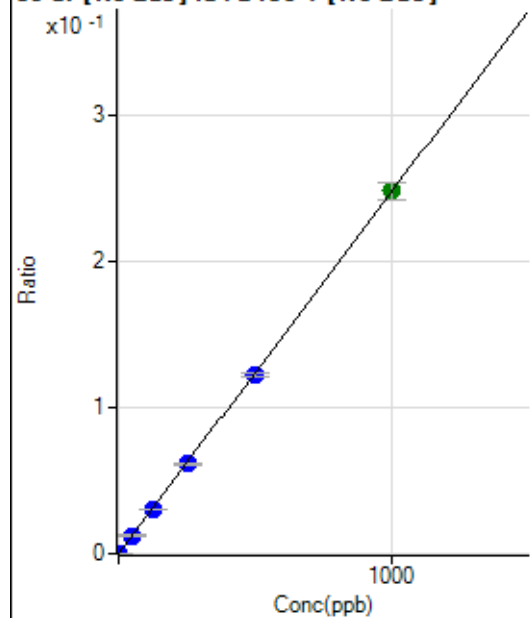
$$BEC = -0.4134$$

Weight: <None>

Min Conc: 0

83 Kr [No Gas] ISTD:89 Y [No Gas] No av_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			407.79	0.0000	P	2.7
2	☐						
3	☐			401.12	0.0000	P	6.3
4	☐			356.68	0.0000	P	7.8
5	☐			354.45	0.0000	P	17.4
6	☐			395.57	0.0000	P	12.7
7	☐			417.79	0.0000	P	3.3
8	☐			428.90	0.0000	P	4.6
9	☐			391.13	0.0000	P	10.1

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	613.93	0.0001	P	10.0
2	☐	0.100					
3	☐	1.000	0.979	2667.07	0.0003	P	8.2
4	☐	50.000	50.094	109483.94	0.0125	P	0.8
5	☐	125.000	123.154	270104.67	0.0306	P	0.2
6	☐	250.000	248.199	539854.68	0.0616	P	2.5
7	☐	500.000	494.743	1078769.31	0.1227	P	1.6
8	☐	1000.000	1003.305	2164131.28	0.2487	A	4.5
9	☐			10821.38	0.0013	P	1.8

$$y = 2.4779E-004 * x + 7.0322E-005$$

$$R = 1.0000$$

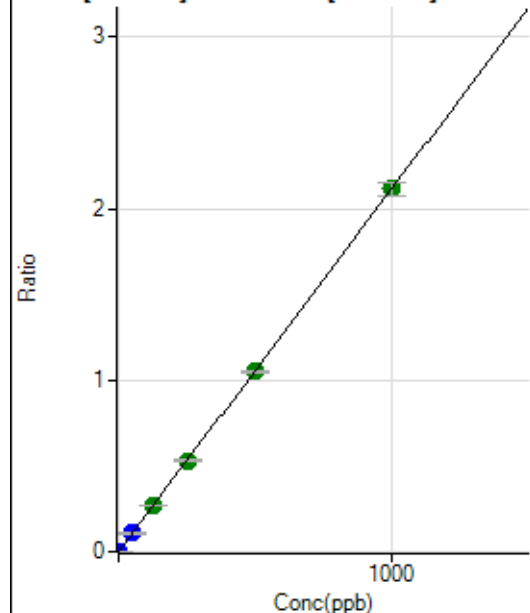
$$DL = 0.08552$$

$$BEC = 0.2838$$

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	166.68	0.0000	P	17.6
2	☐	0.100					
3	☐	1.000	1.005	18254.55	0.0021	P	6.4
4	☐	50.000	50.575	936962.03	0.1068	P	1.1
5	☐	125.000	126.010	2350213.33	0.2662	A	1.4
6	☐	250.000	251.616	4659391.90	0.5314	A	2.7
7	☐	500.000	497.050	9232846.47	1.0498	A	1.1
8	☐	1000.000	1000.916	18400173.50	2.1139	A	3.4
9	☐			90124.75	0.0107	P	1.9

$$y = 0.0021 * x + 1.9089E-005$$

$$R = 1.0000$$

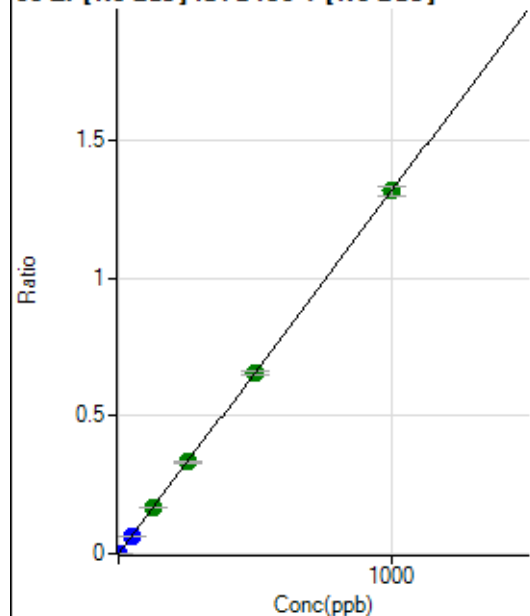
$$DL = 0.004785$$

$$BEC = 0.009038$$

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	786.17	0.0001	P	21.2
2	☐	0.100					
3	☐	1.000	0.927	11166.21	0.0013	P	6.3
4	☐	50.000	49.574	573441.19	0.0654	P	0.2
5	☐	125.000	125.769	1463612.57	0.1657	A	0.4
6	☐	250.000	252.499	2916860.81	0.3327	A	2.0
7	☐	500.000	498.031	5769517.93	0.6560	A	1.8
8	☐	1000.000	1000.285	11470300.95	1.3176	A	2.4
9	☐			3345.03	0.0004	P	8.6

$$y = 0.0013 * x + 9.0017E-005$$

$$R = 1.0000$$

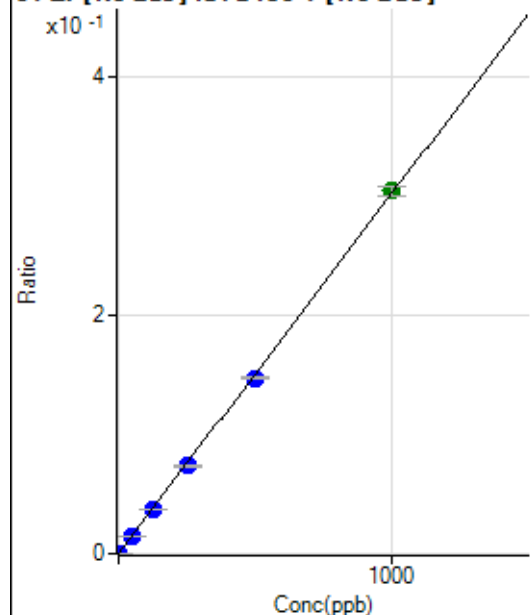
$$DL = 0.04348$$

$$BEC = 0.06835$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	169.45	0.0000	P	8.0
2	☐	0.100					
3	☐	1.000	0.948	2597.58	0.0003	P	9.5
4	☐	50.000	47.547	125802.14	0.0143	P	1.1
5	☐	125.000	121.213	322645.51	0.0365	P	0.5
6	☐	250.000	244.018	644762.78	0.0735	P	2.4
7	☐	500.000	487.127	1290860.91	0.1468	P	1.3
8	☐	1000.000	1008.528	2645052.27	0.3039	A	3.0
9	☐			708.39	0.0001	P	10.0

$$y = 3.0127\text{E-}004 * x + 1.9421\text{E-}005$$

$$R = 0.9999$$

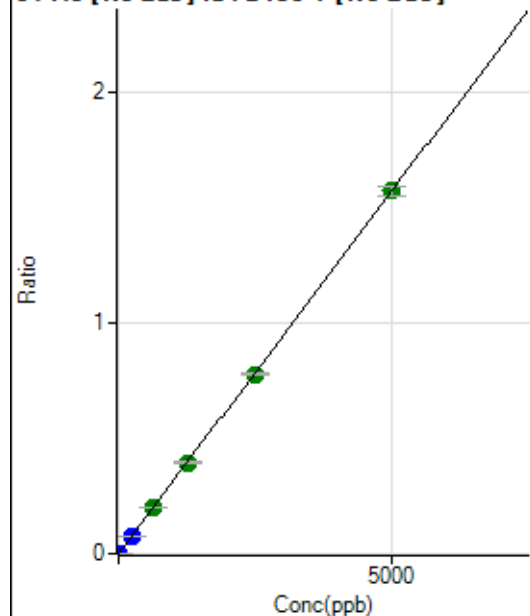
$$DL = 0.01541$$

$$BEC = 0.06446$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	458.36	0.0001	P	9.2
2	☐	0.500					
3	☐	5.000	4.849	13423.91	0.0016	P	4.5
4	☐	250.000	249.281	686903.23	0.0783	P	0.8
5	☐	625.000	629.949	1747006.73	0.1978	A	1.2
6	☐	1250.000	1258.898	3466376.81	0.3953	A	1.9
7	☐	2500.000	2478.308	6843898.94	0.7782	A	1.3
8	☐	5000.000	5008.039	13688897.53	1.5725	A	2.6
9	☐			17979.42	0.0021	P	4.4

$$y = 3.1397\text{E-}004 * x + 5.2506\text{E-}005$$

$$R = 1.0000$$

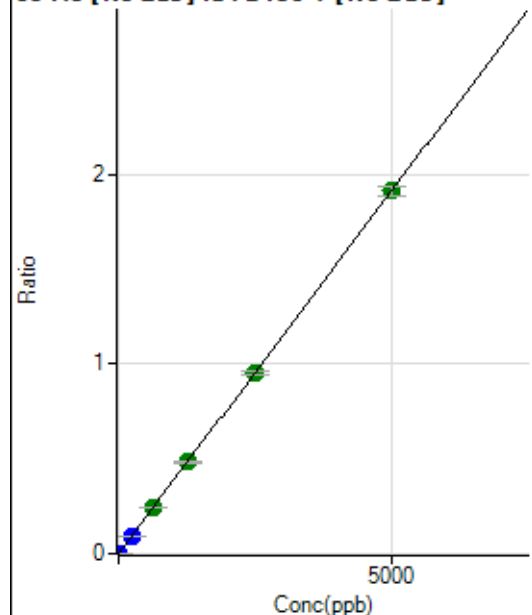
$$DL = 0.04608$$

$$BEC = 0.1672$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	8.0
2	☐	0.500					
3	☐	5.000	4.962	16338.30	0.0019	P	1.4
4	☐	250.000	250.797	841074.31	0.0959	P	0.3
5	☐	625.000	626.523	2115317.06	0.2395	A	0.6
6	☐	1250.000	1268.954	4254114.55	0.4851	A	1.7
7	☐	2500.000	2487.124	8362127.70	0.9508	A	1.7
8	☐	5000.000	5001.469	16645064.09	1.9121	A	2.8
9	☐			29594.41	0.0035	P	2.4

$$y = 3.8230E-004 * x + 1.8782E-005$$

$$R = 1.0000$$

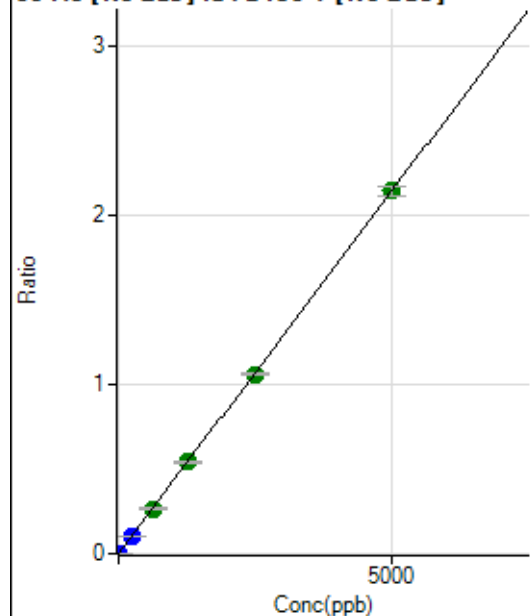
$$DL = 0.01178$$

$$BEC = 0.04913$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	288.91	0.0000	P	22.8
2	☐	0.500					
3	☐	5.000	4.927	18271.41	0.0021	P	3.6
4	☐	250.000	248.825	934783.55	0.1066	P	0.7
5	☐	625.000	623.465	2357833.91	0.2670	A	0.8
6	☐	1250.000	1261.561	4737084.61	0.5403	A	2.2
7	☐	2500.000	2480.336	9341200.30	1.0621	A	1.7
8	☐	5000.000	5007.193	18665487.92	2.1442	A	2.8
9	☐			33862.77	0.0040	P	1.9

$$y = 4.2821E-004 * x + 3.3127E-005$$

$$R = 1.0000$$

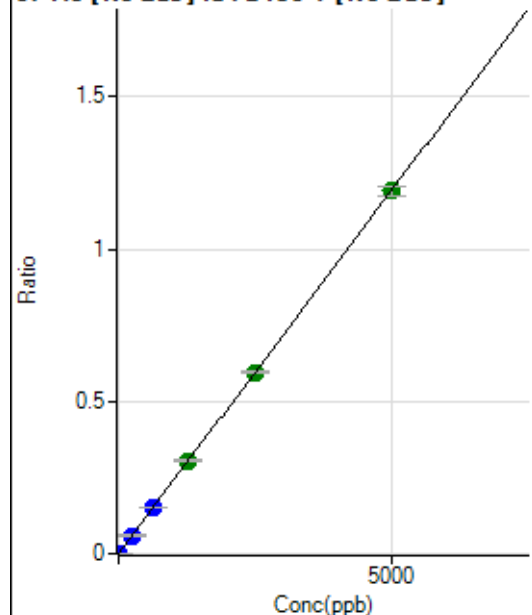
$$DL = 0.05299$$

$$BEC = 0.07736$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	155.57	0.0000	P	22.3
2	☐	0.500					
3	☐	5.000	4.934	10179.24	0.0012	P	3.1
4	☐	250.000	250.858	524522.59	0.0598	P	1.0
5	☐	625.000	630.120	1326345.50	0.1502	P	0.3
6	☐	1250.000	1278.665	2672492.07	0.3048	A	1.7
7	☐	2500.000	2492.265	5224421.91	0.5940	A	0.9
8	☐	5000.000	4996.018	10365313.43	1.1907	A	2.9
9	☐			18833.19	0.0022	P	0.8

$$y = 2.3833\text{E-}004 * x + 1.7826\text{E-}005$$

$$R = 1.0000$$

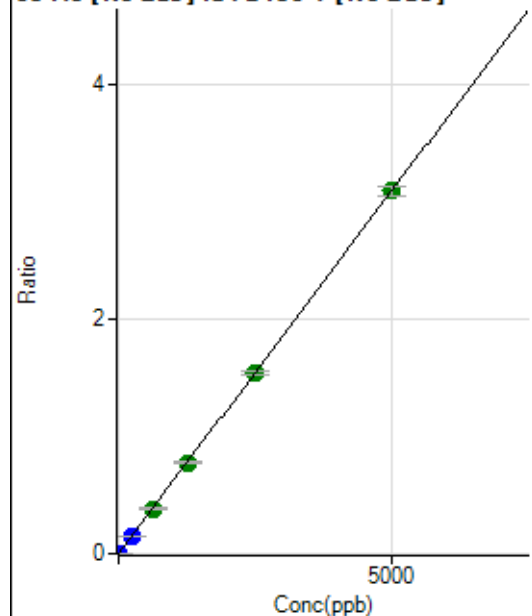
$$DL = 0.04998$$

$$BEC = 0.07479$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	363.91	0.0000	P	25.0
2	☐	0.500					
3	☐	5.000	4.888	26059.28	0.0031	P	5.4
4	☐	250.000	249.599	1351174.10	0.1541	P	0.4
5	☐	625.000	620.731	3382708.32	0.3831	A	0.8
6	☐	1250.000	1258.725	6811394.16	0.7768	A	1.6
7	☐	2500.000	2490.820	13517435.37	1.5370	A	1.6
8	☐	5000.000	5002.963	26875138.45	3.0872	A	2.7
9	☐			46954.67	0.0056	P	1.9

$$y = 6.1706\text{E-}004 * x + 4.1734\text{E-}005$$

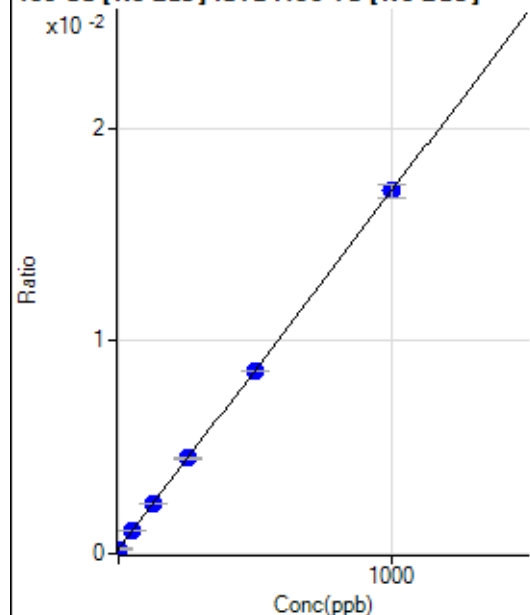
$$R = 1.0000$$

$$DL = 0.05082$$

$$BEC = 0.06763$$

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	2353.10	0.0002	P	8.0
2	☐	0.100					
3	☐	1.000	0.579	2405.89	0.0002	P	10.9
4	☐	50.000	50.361	11577.68	0.0011	P	3.1
5	☐	125.000	126.435	25914.69	0.0023	P	2.3
6	☐	250.000	253.149	49277.09	0.0045	P	3.6
7	☐	500.000	498.315	95221.78	0.0086	P	0.4
8	☐	1000.000	999.859	186154.28	0.0170	P	3.9
9	☐			2330.87	0.0002	P	3.8

$$y = 1.6830\text{E-}005 * x + 2.1607\text{E-}004$$

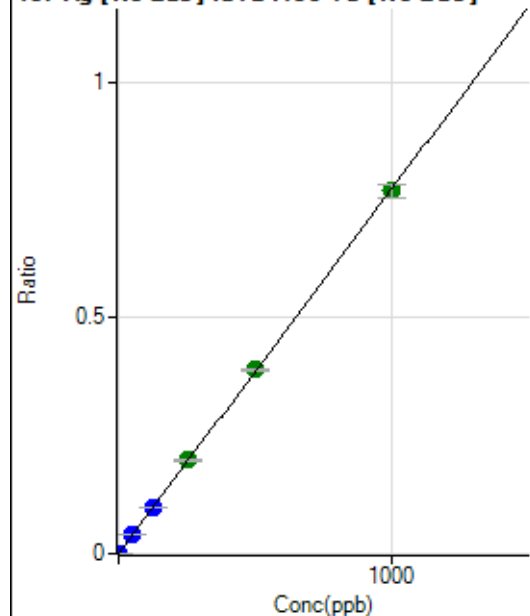
$$R = 1.0000$$

$$DL = 3.068$$

$$BEC = 12.84$$

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	52.78	0.0000	P	18.0
2	☐	0.100					
3	☐	1.000	1.025	8483.65	0.0008	P	2.0
4	☐	50.000	52.484	441061.08	0.0405	P	2.3
5	☐	125.000	127.770	1090661.33	0.0986	P	0.4
6	☐	250.000	257.907	2192274.55	0.1991	A	2.2
7	☐	500.000	503.971	4306164.81	0.3891	A	1.6
8	☐	1000.000	995.568	8396035.17	0.7686	A	3.4
9	☐			1105.65	0.0001	P	13.1

$$y = 7.7203\text{E-}004 * x + 4.8451\text{E-}006$$

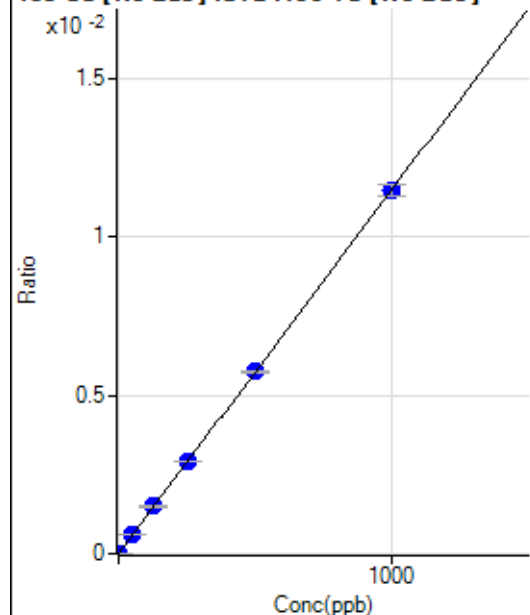
$$R = 1.0000$$

$$DL = 0.003394$$

$$BEC = 0.006276$$

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	8.34	0.0000	P	86.4
2	☐	0.100					
3	☐	1.000	1.024	133.34	0.0000	P	9.9
4	☐	50.000	52.248	6537.83	0.0006	P	2.3
5	☐	125.000	130.292	16549.35	0.0015	P	2.6
6	☐	250.000	253.658	32077.23	0.0029	P	1.9
7	☐	500.000	500.162	63573.04	0.0057	P	1.6
8	☐	1000.000	998.231	125225.77	0.0115	P	3.1
9	☐			63.89	0.0000	P	23.4

$$y = 1.1482\text{E-}005 * x + 7.6450\text{E-}007$$

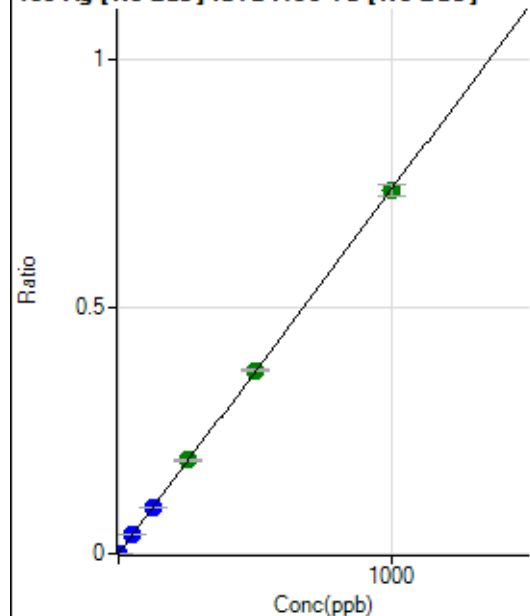
$$R = 1.0000$$

$$DL = 0.1725$$

$$BEC = 0.06658$$

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	41.67	0.0000	P	52.7
2	☐	0.100					
3	☐	1.000	1.015	8027.76	0.0008	P	3.1
4	☐	50.000	52.390	420884.71	0.0387	P	2.6
5	☐	125.000	127.834	1043216.18	0.0944	P	0.1
6	☐	250.000	257.543	2092778.35	0.1901	A	2.7
7	☐	500.000	503.408	4112261.46	0.3716	A	1.5
8	☐	1000.000	995.937	8030302.26	0.7351	A	3.1
9	☐			869.51	0.0001	P	1.2

$$y = 7.3808\text{E-}004 * x + 3.8236\text{E-}006$$

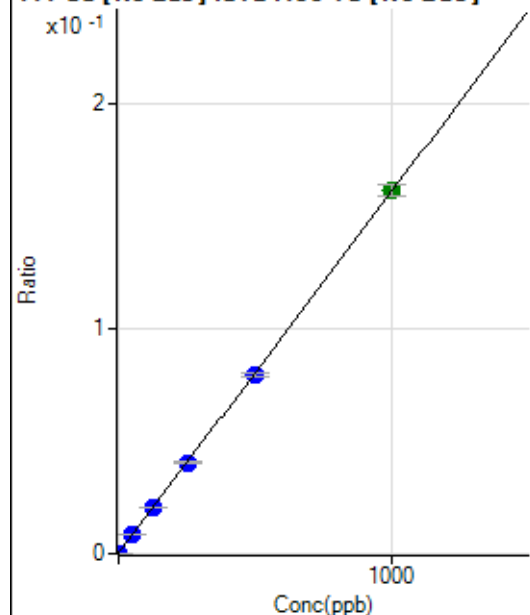
$$R = 1.0000$$

$$DL = 0.008188$$

$$BEC = 0.00518$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1667.72	0.0002	P	8.3
2	☐	0.100					
3	☐	1.000	0.955	3267.32	0.0003	P	3.2
4	☐	50.000	51.193	91265.78	0.0084	P	1.9
5	☐	125.000	125.455	224728.69	0.0203	P	0.7
6	☐	250.000	251.317	446601.66	0.0406	P	2.4
7	☐	500.000	494.934	882487.98	0.0797	P	1.7
8	☐	1000.000	1002.088	1761975.55	0.1613	A	3.0
9	☐			2093.85	0.0002	P	5.6

$$y = 1.6080E-004 * x + 1.5314E-004$$

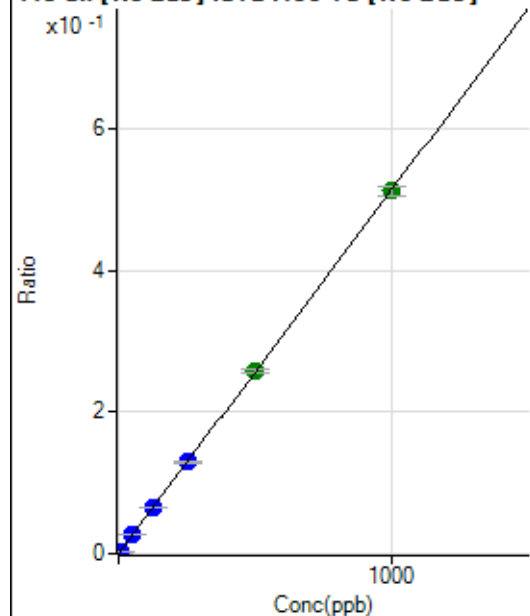
$$R = 1.0000$$

$$DL = 0.2358$$

$$BEC = 0.9524$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1669.67	0.0002	P	10.6
2	☐	0.500					
3	☐	5.000	4.903	28473.79	0.0027	P	4.0
4	☐	50.000	50.364	283266.91	0.0260	P	1.5
5	☐	125.000	125.032	711786.10	0.0644	P	1.1
6	☐	250.000	251.239	1422567.23	0.1292	P	2.3
7	☐	500.000	503.717	2865266.97	0.2589	A	2.0
8	☐	1000.000	997.810	5601113.10	0.5127	A	3.0
9	☐			27799.20	0.0027	P	1.9

$$y = 5.1368E-004 * x + 1.5329E-004$$

$$R = 1.0000$$

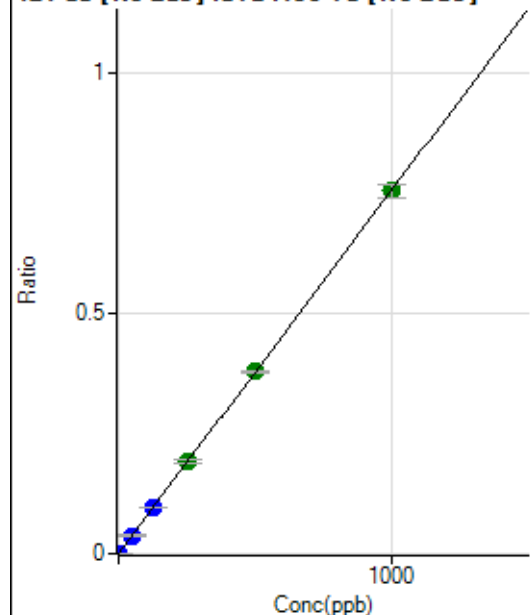
$$DL = 0.09497$$

$$BEC = 0.2984$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	225.01	0.0000	P	17.1
2	☐	0.200					
3	☐	2.000	1.932	15762.72	0.0015	P	6.3
4	☐	50.000	49.942	411003.28	0.0378	P	2.0
5	☐	125.000	125.340	1047441.27	0.0947	P	0.7
6	☐	250.000	253.986	2113258.14	0.1920	A	2.7
7	☐	500.000	500.501	4186040.29	0.3782	A	1.9
8	☐	1000.000	998.713	8244361.03	0.7547	A	3.4
9	☐			22260.97	0.0021	P	4.9

$$y = 7.5568\text{E-}004 * x + 2.0664\text{E-}005$$

$$R = 1.0000$$

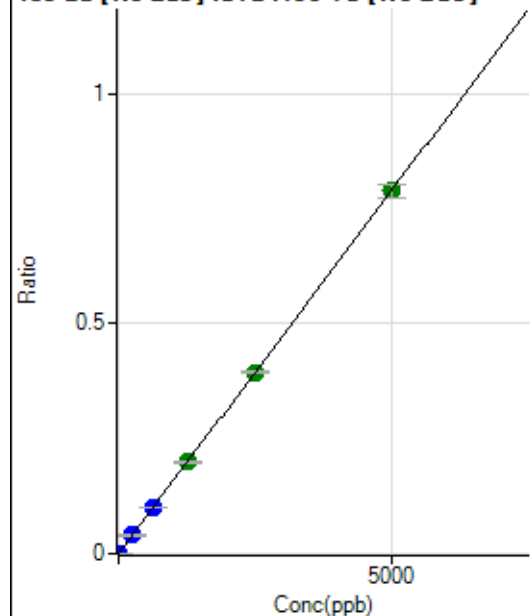
$$DL = 0.01403$$

$$BEC = 0.02735$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	86.11	0.0000	P	49.6
2	☐	1.000					
3	☐	10.000	9.714	16416.43	0.0015	P	4.9
4	☐	250.000	251.626	432457.19	0.0397	P	2.0
5	☐	625.000	624.752	1090574.33	0.0986	P	0.2
6	☐	1250.000	1268.444	2204856.54	0.2003	A	2.3
7	☐	2500.000	2495.227	4360080.13	0.3939	A	1.3
8	☐	5000.000	4997.726	8617931.18	0.7890	A	3.9
9	☐			1652.96	0.0002	P	6.3

$$y = 1.5787\text{E-}004 * x + 7.9042\text{E-}006$$

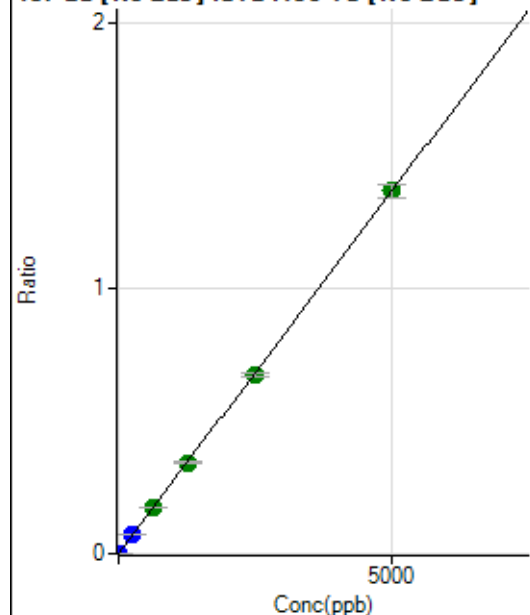
$$R = 1.0000$$

$$DL = 0.07453$$

$$BEC = 0.05007$$

Weight: <None>

Min Conc: 0

¹³⁷Ba [No Gas] ISTD : ¹⁵⁹Tb [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	116.67	0.0000	P	21.3
2	☐	1.000					
3	☐	10.000	9.757	28531.81	0.0027	P	3.7
4	☐	250.000	255.005	758987.03	0.0697	P	2.0
5	☐	625.000	633.284	1914485.03	0.1732	A	0.5
6	☐	1250.000	1260.067	3793294.23	0.3445	A	2.2
7	☐	2500.000	2474.754	7488524.47	0.6766	A	2.0
8	☐	5000.000	5008.821	14958843.39	1.3695	A	3.8
9	☐			2789.32	0.0003	P	1.2

$$y = 2.7341\text{E-}004 * x + 1.0710\text{E-}005$$

$$R = 1.0000$$

$$DL = 0.02504$$

$$BEC = 0.03917$$

Weight: <None>

Min Conc: 0

¹⁵⁰Nd [No Gas] No available calibration points

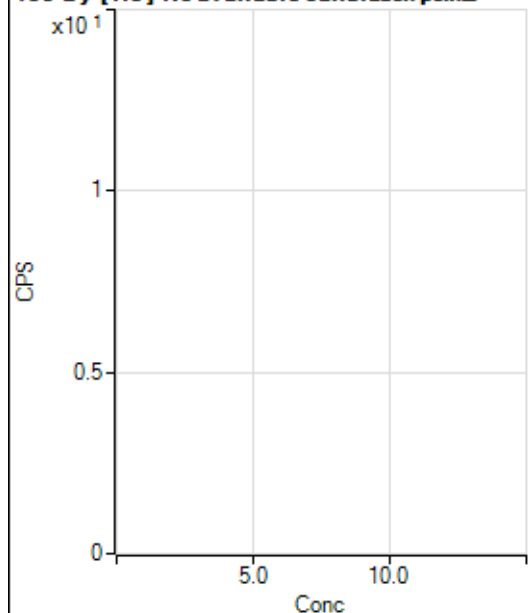
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			4.44		P	173.
2	☐						
3	☐			13.33		P	NaN
4	☐			35.56		P	28.6
5	☐			42.23		P	32.9
6	☐			71.11		P	37.9
7	☐			224.46		P	17.1
8	☐			340.02		P	11.8
9	☐			93.34		P	18.9

150 Nd [He] No available calibration points

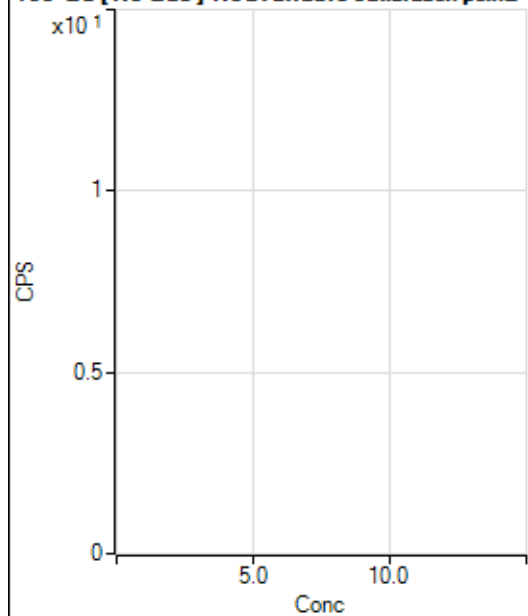
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			1.11		P	173.
2	☐						
3	☐			1.11		P	173.
4	☐			1.11		P	173.
5	☐			0.00		P	
6	☐			1.11		P	173.
7	☐			3.33		P	0.0
8	☐			8.89		P	114.
9	☐			11.11		P	45.8

156 Dy [No Gas] No available calibration points

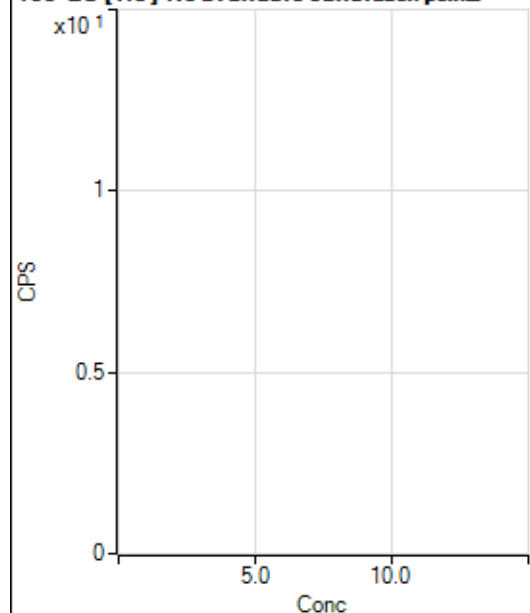
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			11.11		P	43.3
2	☐						
3	☐			8.33		P	0.0
4	☐			25.00		P	88.2
5	☐			22.22		P	114.
6	☐			19.44		P	49.5
7	☐			58.34		P	28.6
8	☐			108.34		P	26.7
9	☐			86.12		P	34.0

156 Dy [He] No available calibration points

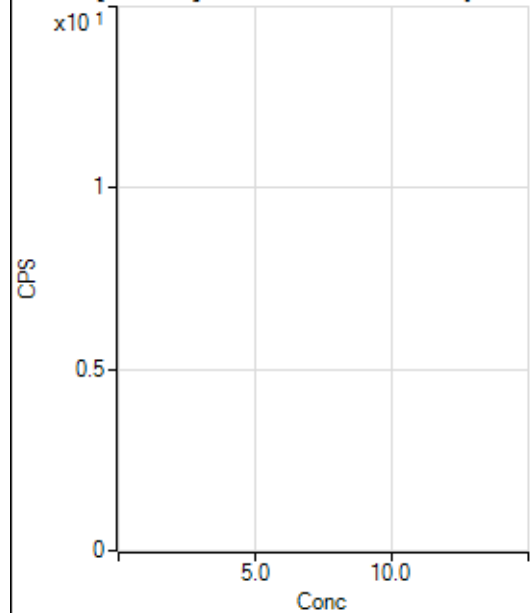
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			3.33		P	0.0
4	☐			1.11		P	173.
5	☐			5.56		P	34.7
6	☐			5.56		P	91.6
7	☐			3.33		P	173.
8	☐			7.78		P	24.7
9	☐			14.44		P	35.3

160 Gd [No Gas] Noavailable calibration poin_

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			75.00		P	61.9
2	☐						
3	☐			91.67		P	18.2
4	☐			97.22		P	4.9
5	☐			91.67		P	24.1
6	☐			97.23		P	21.6
7	☐			100.00		P	38.2
8	☐			130.56		P	28.8
9	☐			116.67		P	24.7

160 Gd [He] No available calibration points

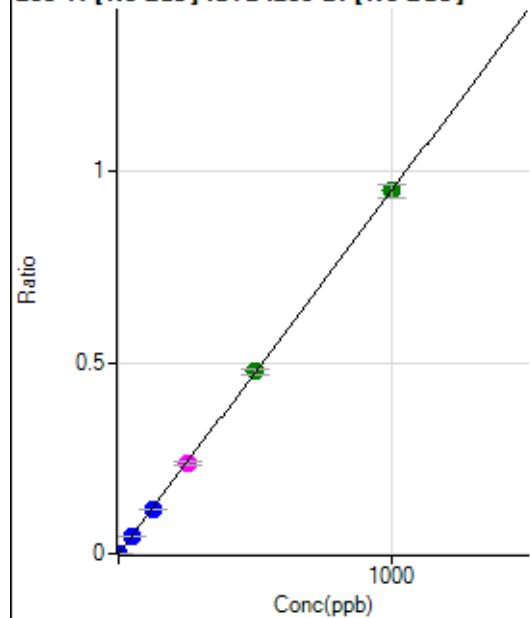
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			14.44		P	35.3
2	☐						
3	☐			7.78		P	24.7
4	☐			10.00		P	57.7
5	☐			15.56		P	32.7
6	☐			14.45		P	26.7
7	☐			8.89		P	21.6
8	☐			23.33		P	51.5
9	☐			36.67		P	9.1

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			58.34		P	49.5
4	☐			38.89		P	32.7
5	☐			36.11		P	58.1
6	☐			66.67		P	33.1
7	☐			61.12		P	39.4
8	☐			50.00		P	28.9
9	☐			38.89		P	44.6

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			2.22		P	86.6
2	☐						
3	☐			8.89		P	78.1
4	☐			3.33		P	100.
5	☐			8.89		P	78.1
6	☐			10.00		P	120.
7	☐			8.89		P	57.3
8	☐			12.22		P	15.7
9	☐			4.44		P	43.4

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	241.68	0.0000	P	9.5
2	☐	0.100					
3	☐	1.000	0.970	6485.30	0.0010	P	3.6
4	☐	50.000	49.071	322932.51	0.0467	P	1.2
5	☐	125.000	123.625	814674.34	0.1175	P	1.0
6	☐	250.000	248.962	1640611.06	0.2366	M	3.2
7	☐	500.000	500.981	3284428.98	0.4762	A	2.9
8	☐	1000.000	999.987	6410537.91	0.9504	A	3.6
9	☐			4234.24	0.0007	P	8.4

$$y = 9.5038\text{E-}004 * x + 3.4814\text{E-}005$$

$$R = 1.0000$$

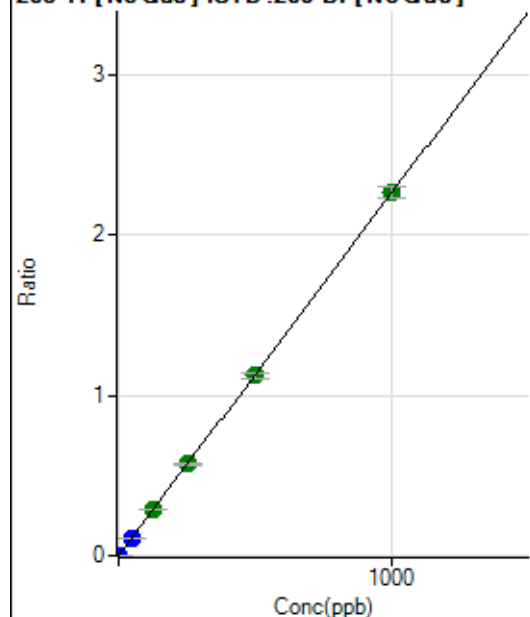
$$DL = 0.01043$$

$$BEC = 0.03663$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	536.15	0.0001	P	11.0
2	☐	0.100					
3	☐	1.000	1.000	15816.02	0.0023	P	5.2
4	☐	50.000	49.643	776300.47	0.1122	P	0.4
5	☐	125.000	126.206	1976268.88	0.2851	A	0.5
6	☐	250.000	252.366	3951387.85	0.5700	A	3.7
7	☐	500.000	497.053	7743564.24	1.1226	A	2.6
8	☐	1000.000	1000.749	15244868.39	2.2600	A	3.3
9	☐			10076.75	0.0016	P	2.7

$$y = 0.0023 * x + 7.7336E-005$$

$$R = 1.0000$$

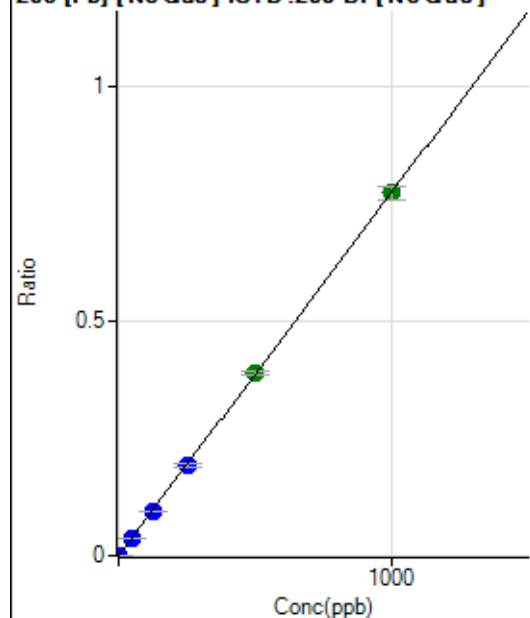
$$DL = 0.01131$$

$$BEC = 0.03425$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	405.57	0.0001	P	11.6
2	☐	0.100					
3	☐	1.000	0.988	5560.63	0.0008	P	5.0
4	☐	50.000	49.481	264869.83	0.0383	P	1.1
5	☐	125.000	123.255	660358.13	0.0953	P	0.4
6	☐	250.000	247.525	1325889.63	0.1912	P	3.4
7	☐	500.000	502.900	2679965.22	0.3885	A	2.6
8	☐	1000.000	999.413	5207084.55	0.7720	A	3.7
9	☐			31886.93	0.0052	P	0.9

$$y = 7.7241E-004 * x + 5.8501E-005$$

$$R = 1.0000$$

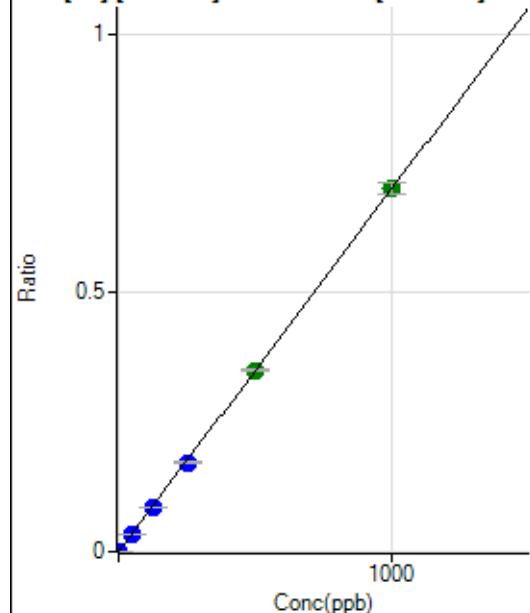
$$DL = 0.02641$$

$$BEC = 0.07574$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	368.53	0.0001	P	18.6
2	☐	0.100					
3	☐	1.000	0.999	5097.47	0.0008	P	3.9
4	☐	50.000	49.008	237932.57	0.0344	P	0.2
5	☐	125.000	123.204	598652.54	0.0864	P	0.6
6	☐	250.000	245.730	1193873.64	0.1722	P	2.9
7	☐	500.000	500.763	2420524.25	0.3509	A	1.7
8	☐	1000.000	1000.960	4730342.06	0.7013	A	3.2
9	☐			26793.69	0.0044	P	1.5

$$y = 7.0053\text{E-}004 * x + 5.3073\text{E-}005$$

$$R = 1.0000$$

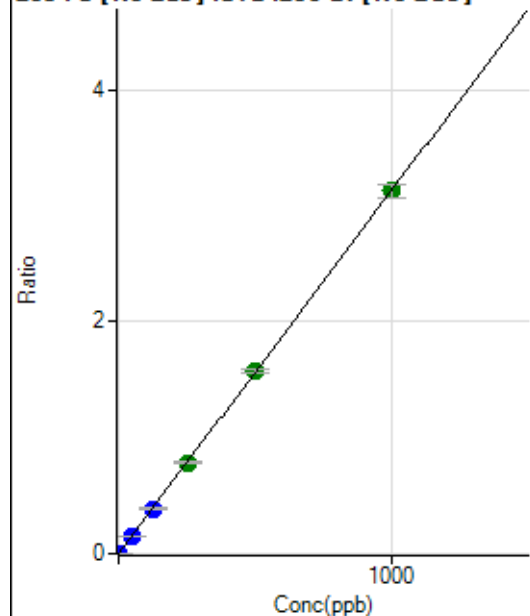
$$DL = 0.04223$$

$$BEC = 0.07576$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1690.84	0.0002	P	3.7
2	☐	0.100					
3	☐	1.000	0.989	22610.35	0.0033	P	5.5
4	☐	50.000	49.544	1075114.95	0.1554	P	0.8
5	☐	125.000	124.248	2698502.43	0.3893	P	0.6
6	☐	250.000	250.154	5432086.77	0.7835	A	3.1
7	☐	500.000	501.693	10838640.87	1.5711	A	2.0
8	☐	1000.000	999.232	21105144.33	3.1290	A	3.5
9	☐			125096.81	0.0205	P	1.4

$$y = 0.0031 * x + 2.4362\text{E-}004$$

$$R = 1.0000$$

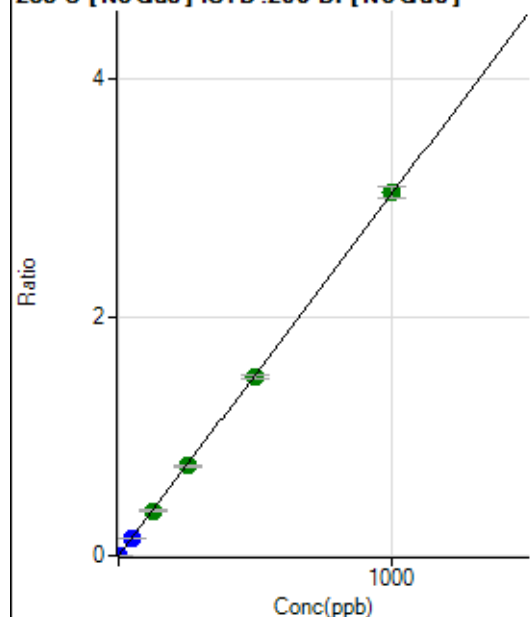
$$DL = 0.008652$$

$$BEC = 0.07781$$

Weight: <None>

Min Conc: 0

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



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	336.14	0.0000	P	25.3
2	☐	0.100					
3	☐	1.000	0.953	19902.82	0.0029	P	4.3
4	☐	50.000	48.634	1021187.00	0.1476	P	0.7
5	☐	125.000	124.612	2620694.29	0.3781	A	0.6
6	☐	250.000	247.678	5209063.53	0.7514	A	3.5
7	☐	500.000	494.498	10348198.58	1.5001	A	2.4
8	☐	1000.000	1003.448	20534320.77	3.0440	A	3.0
9	☐			2530.93	0.0004	P	7.5

$$y = 0.0030 * x + 4.8375E-005$$

$$R = 1.0000$$

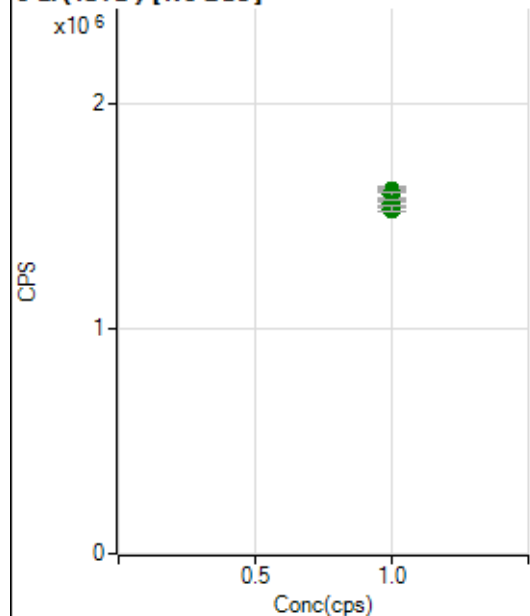
$$DL = 0.0121$$

$$BEC = 0.01595$$

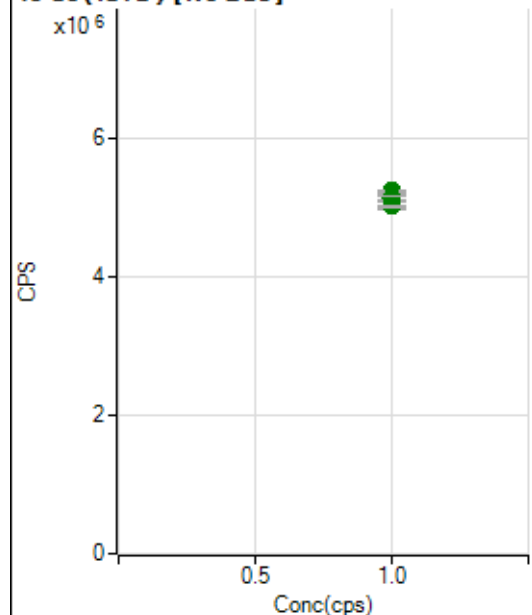
Weight: <None>

Min Conc: 0

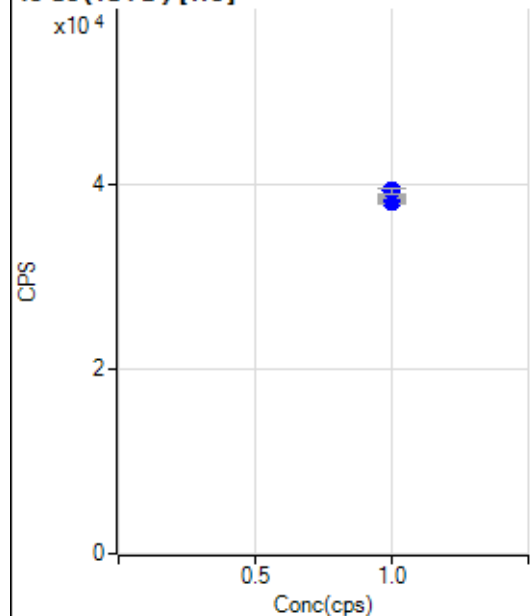
6 Li (ISTD) [No Gas]



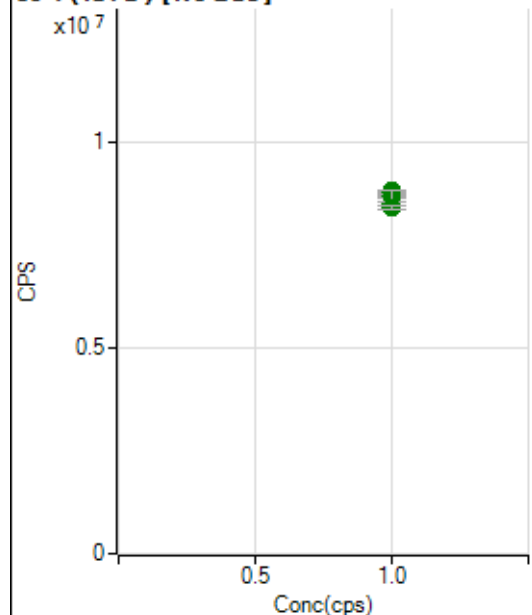
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		1614172.72		A	0.5
2	☐	1.000					
3	☐	1.000		1599988.17		A	4.3
4	☐	1.000		1610858.73		A	0.5
5	☐	1.000		1609659.84		A	0.5
6	☐	1.000		1604005.62		A	2.7
7	☐	1.000		1596329.94		A	1.4
8	☐	1.000		1556293.34		A	2.2
9	☐	1.000		1533065.52		A	1.6

45 Sc (ISTD) [No Gas]

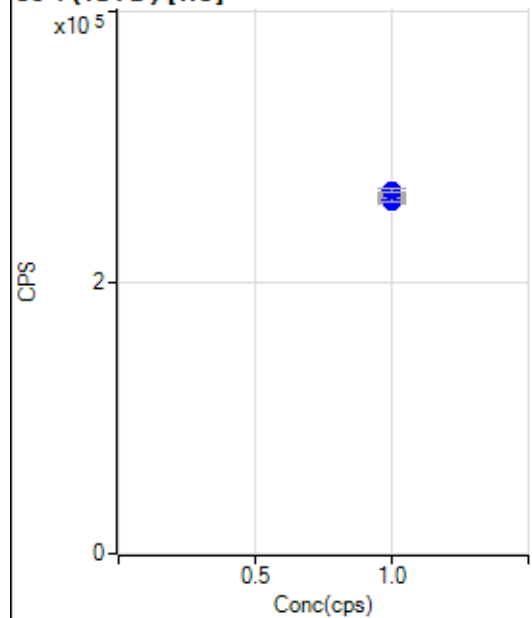
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5210673.68		A	2.0
2	☐	1.000					
3	☐	1.000		5040183.84		A	2.1
4	☐	1.000		5173710.66		A	0.5
5	☐	1.000		5243384.06		A	0.5
6	☐	1.000		5176087.83		A	1.9
7	☐	1.000		5149263.18		A	2.1
8	☐	1.000		5135983.67		A	1.5
9	☐	1.000		5018859.79		A	0.8

45 Sc (ISTD) [He]

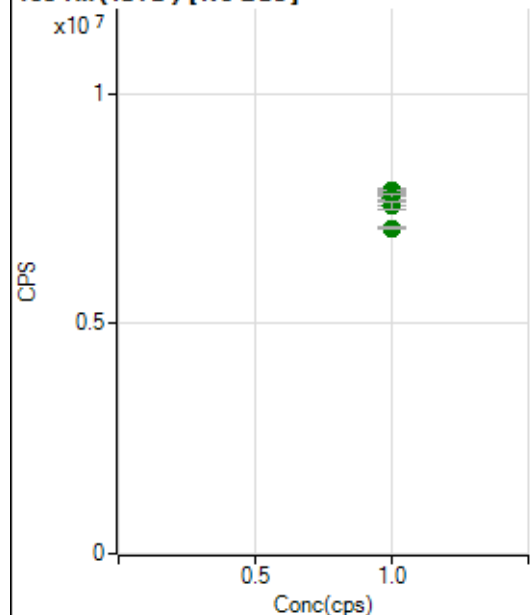
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		38304.49		P	0.5
2	☐	1.000					
3	☐	1.000		38228.83		P	0.4
4	☐	1.000		38391.53		P	0.7
5	☐	1.000		38442.61		P	2.1
6	☐	1.000		38266.65		P	1.2
7	☐	1.000		38668.74		P	1.1
8	☐	1.000		38636.48		P	0.5
9	☐	1.000		39325.20		P	1.6

89 Y (ISTD) [No Gas]

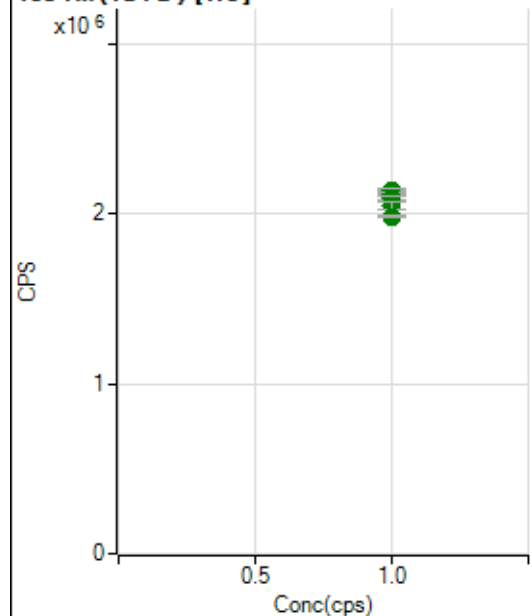
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8727247.30		A	0.5
2	☐	1.000					
3	☐	1.000		8531342.79		A	3.5
4	☐	1.000		8770519.24		A	0.2
5	☐	1.000		8830854.73		A	0.8
6	☐	1.000		8770976.26		A	2.1
7	☐	1.000		8795716.47		A	1.2
8	☐	1.000		8709700.91		A	2.8
9	☐	1.000		8428297.72		A	1.0

89 Y (ISTD) [He]

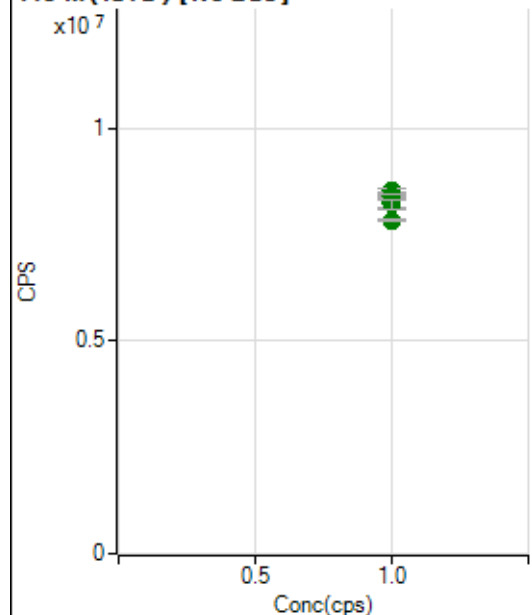
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		262559.79		P	0.3
2	☐	1.000					
3	☐	1.000		259849.25		P	1.8
4	☐	1.000		260855.61		P	0.8
5	☐	1.000		263537.81		P	1.0
6	☐	1.000		261535.21		P	0.6
7	☐	1.000		262288.77		P	0.7
8	☐	1.000		261309.33		P	1.1
9	☐	1.000		267560.72		P	1.1

103 Rh (ISTD) [No Gas]

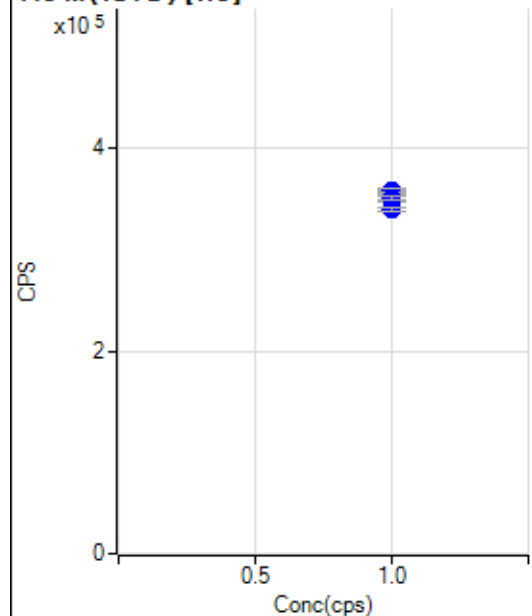
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7878274.31		A	1.4
2	☐	1.000					
3	☐	1.000		7725950.00		A	4.0
4	☐	1.000		7875395.32		A	1.0
5	☐	1.000		7878250.87		A	0.7
6	☐	1.000		7826663.54		A	1.8
7	☐	1.000		7742544.01		A	1.4
8	☐	1.000		7554103.21		A	2.6
9	☐	1.000		7074816.56		A	0.6

103 Rh (ISTD) [He]

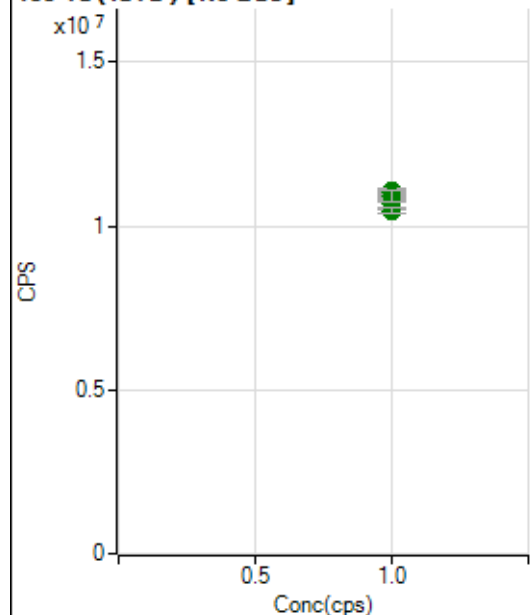
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2127191.88		A	1.1
2	☐	1.000					
3	☐	1.000		2124208.75		A	1.5
4	☐	1.000		2117446.48		A	1.1
5	☐	1.000		2134035.94		A	0.9
6	☐	1.000		2091245.52		A	1.0
7	☐	1.000		2089808.81		A	1.4
8	☐	1.000		2046713.56		A	1.9
9	☐	1.000		1982908.67		A	0.8

115 In (ISTD) [No Gas]

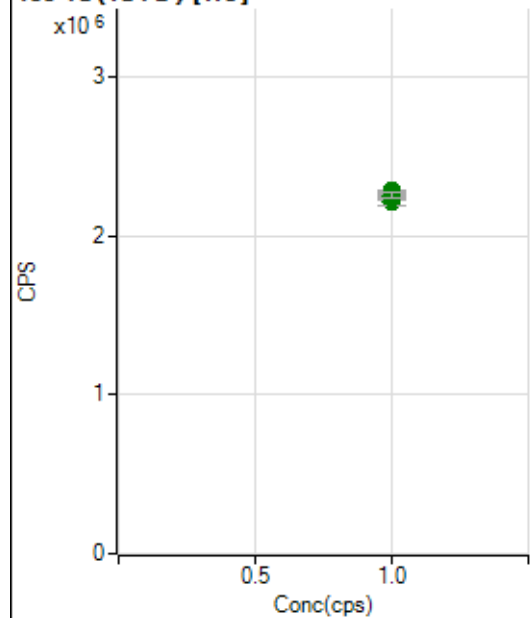
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8438734.84		A	0.9
2	☐	1.000					
3	☐	1.000		8262767.11		A	3.0
4	☐	1.000		8431788.38		A	0.2
5	☐	1.000		8535489.98		A	0.9
6	☐	1.000		8426656.20		A	1.8
7	☐	1.000		8403362.95		A	1.7
8	☐	1.000		8215696.12		A	3.0
9	☐	1.000		7843886.31		A	1.0

115 In (ISTD) [He]

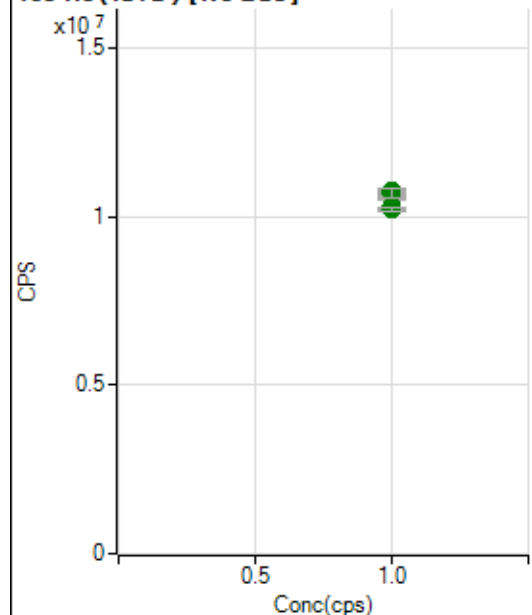
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		357841.84		P	1.0
2	☐	1.000					
3	☐	1.000		355957.25		P	1.6
4	☐	1.000		356904.21		P	0.9
5	☐	1.000		358389.84		P	1.2
6	☐	1.000		351180.93		P	0.8
7	☐	1.000		348894.62		P	0.3
8	☐	1.000		340823.38		P	1.1
9	☐	1.000		350679.06		P	1.0

159 Tb (ISTD) [No Gas]

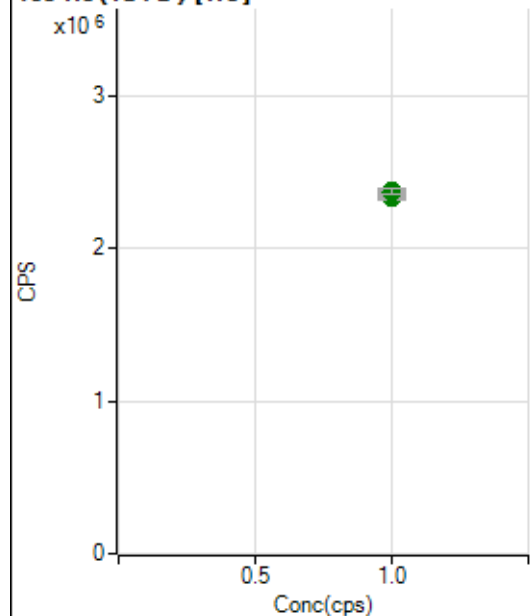
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10891132.06		A	0.3
2	☐	1.000					
3	☐	1.000		10660837.62		A	3.1
4	☐	1.000		10886601.65		A	1.6
5	☐	1.000		11056236.23		A	0.1
6	☐	1.000		11013155.11		A	2.0
7	☐	1.000		11068975.67		A	1.3
8	☐	1.000		10931719.42		A	3.3
9	☐	1.000		10467674.64		A	1.3

159 Tb (ISTD) [He]

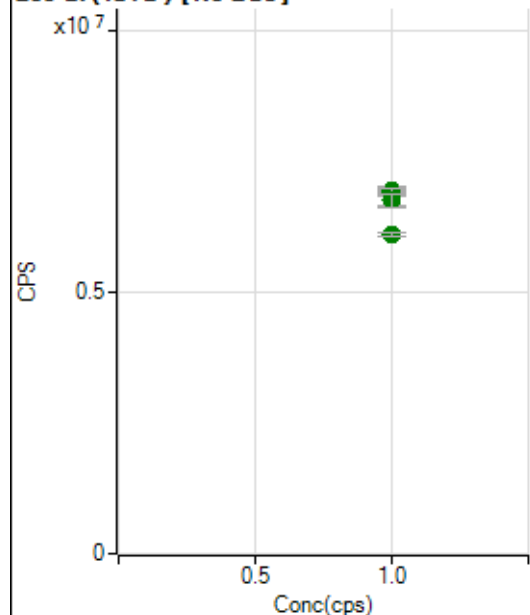
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2255572.12		A	1.0
2	☐	1.000					
3	☐	1.000		2209379.12		A	1.4
4	☐	1.000		2260197.69		A	0.4
5	☐	1.000		2281941.87		A	0.3
6	☐	1.000		2246818.61		A	0.6
7	☐	1.000		2265036.37		A	0.3
8	☐	1.000		2235584.18		A	1.3
9	☐	1.000		2254859.31		A	1.5

165 Ho (ISTD) [No Gas]

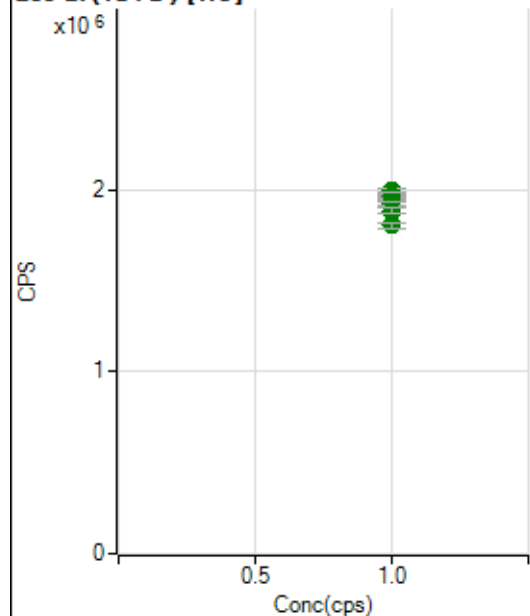
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		10497194.51		A	0.4
2	☐	1.000					
3	☐	1.000		10341782.96		A	2.8
4	☐	1.000		10575359.27		A	1.9
5	☐	1.000		10740916.56		A	0.3
6	☐	1.000		10731015.95		A	1.9
7	☐	1.000		10758403.36		A	1.2
8	☐	1.000		10678544.60		A	2.4
9	☐	1.000		10195564.46		A	1.4

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2367004.44		A	1.7
2	☐	1.000					
3	☐	1.000		2322095.97		A	0.7
4	☐	1.000		2371555.87		A	1.3
5	☐	1.000		2374223.59		A	1.3
6	☐	1.000		2372743.89		A	0.7
7	☐	1.000		2368544.64		A	0.6
8	☐	1.000		2361474.01		A	0.8
9	☐	1.000		2370779.84		A	1.2

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		6938237.54		A	1.3
2	☐	1.000					
3	☐	1.000		6777092.89		A	3.2
4	☐	1.000		6919931.77		A	1.0
5	☐	1.000		6932101.56		A	0.5
6	☐	1.000		6937075.17		A	2.8
7	☐	1.000		6900558.09		A	2.0
8	☐	1.000		6750399.48		A	3.4
9	☐	1.000		6109308.87		A	1.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1994432.92		A	1.8
2	☐	1.000					
3	☐	1.000		1955246.50		A	1.2
4	☐	1.000		1955067.07		A	1.8
5	☐	1.000		1968564.99		A	1.5
6	☐	1.000		1937386.55		A	0.2
7	☐	1.000		1927040.23		A	1.0
8	☐	1.000		1886639.59		A	1.4
9	☐	1.000		1803535.01		A	1.9

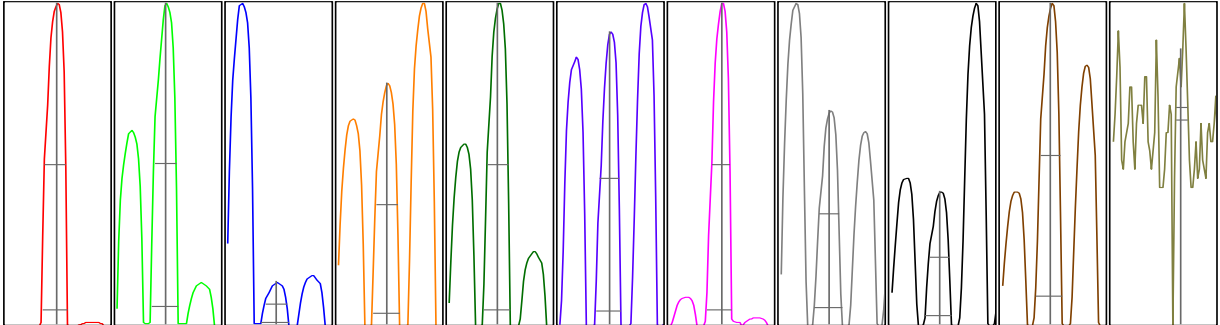
US EPA Tune Check Sample Report

Batch Folder D:\P8080718-MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	6471	0.56	5.00	
24	111551	0.95	5.00	
25	14803	0.87	5.00	
26	17092	1.12	5.00	
59	65121	0.82	5.00	
113	8774	0.70	5.00	
115	108622	1.04	5.00	
206	25763	0.60	5.00	
207	23715	0.83	5.00	
208	56061	0.95	5.00	
220	1	18.43		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	6487	6502	6449	6418	6498
24	112968	111477	109985	111527	111797
25	14917	14900	14632	14699	14866
26	17307	17219	16853	16934	17148
59	65636	65575	64395	64751	65250
113	8836	8817	8697	8721	8799
115	108519	110208	107338	107841	109204
206	25795	25869	25548	25673	25932
207	23624	23926	23474	23645	23909
208	56063	56560	55271	55885	56529
220	1	1	1	1	1

Integration Time [sec] = 0.1



Mass	Peak Height	Axis (Actual)	Axis (Required)	Axis (Flag)	Width-X% (Actual)	Width-X% (Required)	Width- X% (Flag)
9	11282	9.00	8.9 - 9.1		0.738	0.900	
24	187123	23.95	23.9 - 24.1		0.784	0.900	
25	24894	24.95	24.9 - 25.1		0.786	0.900	
26	29153	25.95	25.9 - 26.1		0.782	0.900	
59	114790	58.95	58.9 - 59.1		0.774	0.900	
113	16732	113.00	112.9 - 113.1		0.728	0.900	
115	205674	115.05	114.9 - 115.1		0.727	0.900	
206	47444	205.95	205.9 - 206.1		0.777	0.900	
207	43023	206.95	206.9 - 207.1		0.735	0.900	
208	103395	207.95	207.9 - 208.1		0.750	0.900	
220	2	220.50	-		0.331		

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
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	13.4	V
Extract 2	-220.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-90	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	8056	1.21	
89	8072	1.37	
205	12623	1.08	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7929	8056	8199	8076	8022
89	7930	8043	8228	8125	8035
205	12394	12655	12754	12685	12626

Integration Time [sec] = 0.1

Tune Parameters

Plasma Paramters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Plasma Mode		HMI	Aerosol Dilution		HMI-8			

Lenses Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Extract 1	0.0	V	Omega Lens	9.7	V	Deflect	2.0	V
Extract 2	-220.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-90	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	5.0	mL/min	OctP RF	200	V			

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : S0 Instrumnet Name : P8
 Client Sample ID : S0 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:16:23 DataFile Name : 003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.76	-0.60	-0.16	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	0.07	-0.03	-0.03	0.00	N/A	ppb
Barium	135-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Barium	137-1	0.00	-0.01	0.01	0.00	N/A	ppb
Beryllium	9-1	0.03	0.00	-0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.10	-0.23	0.33	0.00	N/A	ppb
Boron	11-1	0.12	-0.26	0.13	0.00	N/A	ppb
Cadmium	111-1	-0.09	0.02	0.07	0.00	N/A	ppb
Cadmium	106-1	-1.09	0.16	0.94	0.00	N/A	ppb
Cadmium	108-1	0.07	-0.03	-0.03	0.00	N/A	ppb
Calcium	43-1	-2.02	-7.18	9.20	0.00	N/A	ppb
Calcium	44-1	-2.67	2.39	0.28	0.00	N/A	ppb
Chromium	52-2	0.03	-0.02	-0.01	0.00	N/A	ppb
Cobalt	59-2	0.00	0.00	0.00	0.00	N/A	ppb
Copper	63-2	0.00	-0.02	0.02	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.33	0.18	0.14	0.00	N/A	ppb
Iron	57-2	1.73	-1.10	-0.64	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.01	0.00	0.00	N/A	ppb
Lead	207-1	0.02	-0.01	-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	-1.17	-1.22	2.39	0.00	N/A	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:16:23	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.01	0.04	-0.03	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	0.01	0.01	-0.02	0.00	N/A	ppb
Molybdenum	97-1	-0.02	0.01	0.01	0.00	N/A	ppb
Molybdenum	98-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.02	0.05	0.00	N/A	ppb
Phosphorus	31-2	-17.89	24.97	-17.89	-3.61		ppb
Potassium	39-2	7.31	4.13	-11.44	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	7.71	-3.85	-3.85	0.00	N/A	ppb
Selenium	78-2	0.60	-0.30	-0.30	0.00	N/A	ppb
Selenium	82-1	-0.10	0.04	0.07	0.00	N/A	ppb
Silicon	28-1	-2.72	3.20	-0.49	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	0.63	1.65	-2.28	0.00	N/A	ppb
Strontium	86-1	0.01	-0.03	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-1035.92	55.67	-244.41	-408.22		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
Tin	118-1	0.00	-0.03	0.03	0.00	N/A	ppb
Titanium	47-1	0.03	-0.04	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		%
Zinc	66-2	0.13	-0.11	-0.02	0.00	N/A	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:16:23	DataFile Name :	003CALB.d

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

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	25.68	18.93	20.42	21.68	16.36	ppb
Antimony	121-1	2.07	1.87	1.85	1.93	6.42	ppb
Arsenic	75-2	1.12	0.80	1.37	1.10	26.04	ppb
Barium	135-1	10.27	9.47	9.41	9.71	4.94	ppb
Barium	137-1	10.17	9.49	9.60	9.76	3.75	ppb
Beryllium	9-1	1.07	0.90	0.97	0.98	9.05	ppb
Bismuth	209-1				98		%
Bismuth	209-2				98		%
Boron	10-1	24.68	20.90	25.10	23.56	9.81	ppb
Boron	11-1	23.47	21.79	22.81	22.69	3.73	ppb
Cadmium	111-1	1.00	0.89	0.98	0.95	6.43	ppb
Cadmium	106-1	0.88	-1.01	1.86	0.58	251.84	ppb
Cadmium	108-1	1.10	0.90	1.07	1.02	10.52	ppb
Calcium	43-1	485.31	504.82	457.10	482.41	4.97	ppb
Calcium	44-1	496.55	469.04	472.68	479.42	3.12	ppb
Chromium	52-2	2.02	2.31	2.36	2.23	8.21	ppb
Cobalt	59-2	0.97	1.04	1.01	1.01	3.66	ppb
Copper	63-2	2.05	2.03	1.89	1.99	4.36	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				98		%
Indium	115-1				98		%
Indium	115-2				99		%
Iron	56-2	50.83	52.21	52.97	52.00	2.09	ppb
Iron	57-2	56.49	55.82	57.64	56.65	1.63	ppb
Krypton	83-1						cps
Lead	206-1	1.05	0.95	0.97	0.99	5.35	ppb
Lead	207-1	1.05	0.96	0.99	1.00	4.18	ppb
Lead	208-1	1.06	0.96	0.95	0.99	5.91	ppb
Lithium	6-1				99		%
Magnesium	24-2	486.13	490.52	527.44	501.36	4.53	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.89	0.95	0.97	0.94	4.73	ppb
Molybdenum	94-1	5.08	4.63	4.84	4.85	4.65	ppb
Molybdenum	95-1	5.04	4.93	4.92	4.96	1.40	ppb
Molybdenum	96-1	5.10	4.75	4.93	4.93	3.61	ppb
Molybdenum	97-1	5.07	4.96	4.77	4.93	3.10	ppb
Molybdenum	98-1	5.17	4.85	4.64	4.89	5.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.96	1.15	1.17	1.09	10.35	ppb
Phosphorus	31-2	46.61	-17.89	-17.89	3.61	1032.45	ppb
Potassium	39-2	464.87	496.44	464.95	475.42	3.83	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				97		%
Scandium	45-2				100		%
Selenium	77-2	8.02	1.93	-3.85	2.03	292.09	ppb
Selenium	78-2	7.06	3.29	6.81	5.72	36.81	ppb
Selenium	82-1	6.37	4.66	4.73	5.25	18.44	ppb
Silicon	28-1	25.79	21.19	19.96	22.31	13.76	ppb
Silver	109-1	1.04	1.02	0.98	1.02	3.11	ppb
Silver	107-1	1.04	1.00	1.03	1.02	2.00	ppb
Sodium	23-2	496.89	518.63	528.22	514.58	3.12	ppb
Strontium	86-1	1.05	1.03	0.86	0.98	10.51	ppb
Strontium	88-1	1.07	1.00	0.94	1.01	6.50	ppb
Sulfur	34-1	1065.91	130.11	28.64	408.22	140.08	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.93	1.00	0.98	0.97	3.70	ppb
Thallium	205-1	1.06	0.96	0.98	1.00	5.34	ppb
Tin	118-1	4.99	4.67	5.06	4.90	4.26	ppb
Titanium	47-1	5.32	4.82	4.83	4.99	5.72	ppb
Uranium	238-1	1.00	0.92	0.93	0.95	4.35	ppb
Vanadium	51-2	4.53	4.89	4.90	4.77	4.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				99		%
Zinc	66-2	2.13	1.84	2.09	2.02	7.83	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	0.92	0.87	0.93	6.75	ppb
Zirconium	91-1	1.06	0.91	0.87	0.95	10.12	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:27:38 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1018.51	1018.41	1046.69	1027.87	1.59	ppb
Antimony	121-1	49.99	48.91	50.92	49.94	2.01	ppb
Arsenic	75-2	53.35	50.24	53.31	52.30	3.41	ppb
Barium	135-1	254.76	245.68	254.43	251.63	2.05	ppb
Barium	137-1	257.52	249.16	258.33	255.01	1.99	ppb
Beryllium	9-1	51.34	50.54	50.46	50.78	0.96	ppb
Bismuth	209-1				100		%
Bismuth	209-2				98		%
Boron	10-1	47.33	49.19	48.52	48.35	1.94	ppb
Boron	11-1	47.73	48.41	48.77	48.30	1.09	ppb
Cadmium	111-1	52.01	50.09	51.48	51.19	1.94	ppb
Cadmium	106-1	48.80	49.69	52.59	50.36	3.94	ppb
Cadmium	108-1	52.42	50.95	53.37	52.25	2.33	ppb
Calcium	43-1	5024.13	4907.49	4931.15	4954.26	1.24	ppb
Calcium	44-1	5059.63	4932.03	5043.60	5011.75	1.39	ppb
Chromium	52-2	52.58	52.33	54.04	52.98	1.74	ppb
Cobalt	59-2	52.00	51.85	52.38	52.08	0.52	ppb
Copper	63-2	103.99	104.34	105.73	104.69	0.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	2717.20	2712.34	2739.66	2723.07	0.54	ppb
Iron	57-2	2679.44	2649.27	2698.01	2675.57	0.92	ppb
Krypton	83-1						cps
Lead	206-1	50.08	49.05	49.31	49.48	1.09	ppb
Lead	207-1	49.10	48.87	49.05	49.01	0.25	ppb
Lead	208-1	49.84	49.09	49.70	49.54	0.80	ppb
Lithium	6-1				100		%
Magnesium	24-2	5409.04	5495.28	5432.99	5445.77	0.82	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	102.66	102.38	102.21	102.42	0.22	ppb
Molybdenum	94-1	247.89	248.39	251.57	249.28	0.80	ppb
Molybdenum	95-1	251.64	250.07	250.68	250.80	0.31	ppb
Molybdenum	96-1	247.48	248.17	250.82	248.83	0.71	ppb
Molybdenum	97-1	248.09	252.38	252.10	250.86	0.96	ppb
Molybdenum	98-1	249.18	248.93	250.69	249.60	0.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.49	52.86	52.86	53.07	0.69	ppb
Phosphorus	31-2	987.10	811.98	1017.89	938.99	11.83	ppb
Potassium	39-2	2503.02	2607.12	2618.42	2576.19	2.47	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	30.97	59.39	83.70	58.02	45.49	ppb
Selenium	78-2	59.05	55.81	43.11	52.65	16.00	ppb
Selenium	82-1	51.27	52.67	51.88	51.94	1.35	ppb
Silicon	28-1	71.23	69.85	72.74	71.27	2.03	ppb
Silver	109-1	53.07	50.83	53.27	52.39	2.59	ppb
Silver	107-1	53.06	51.11	53.29	52.48	2.28	ppb
Sodium	23-2	5317.17	5427.19	5448.93	5397.77	1.31	ppb
Strontium	86-1	50.50	49.69	50.09	50.09	0.81	ppb
Strontium	88-1	50.64	49.98	51.10	50.57	1.12	ppb
Sulfur	34-1	1401.47	944.02	1170.93	1172.14	19.51	ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	49.61	48.44	49.16	49.07	1.20	ppb
Thallium	205-1	49.72	49.40	49.81	49.64	0.43	ppb
Tin	118-1	50.62	49.49	50.98	50.36	1.54	ppb
Titanium	47-1	250.00	247.49	254.97	250.82	1.52	ppb
Uranium	238-1	48.85	48.26	48.79	48.63	0.67	ppb
Vanadium	51-2	50.53	50.33	52.00	50.95	1.78	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	103.77	103.93	104.19	103.96	0.21	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:27:38	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.45	49.64	49.63	49.57	0.22	ppb
Zirconium	91-1	47.16	47.36	48.13	47.55	1.08	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:31:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2556.27	2566.32	2614.27	2578.95	1.20	ppb
Antimony	121-1	124.82	126.29	124.91	125.34	0.65	ppb
Arsenic	75-2	129.83	124.50	126.09	126.81	2.16	ppb
Barium	135-1	625.18	625.96	623.11	624.75	0.24	ppb
Barium	137-1	636.62	631.14	632.09	633.28	0.46	ppb
Beryllium	9-1	125.28	126.52	126.37	126.06	0.53	ppb
Bismuth	209-1				100		%
Bismuth	209-2				99		%
Boron	10-1	123.55	128.20	126.57	126.10	1.87	ppb
Boron	11-1	117.83	121.71	121.05	120.20	1.73	ppb
Cadmium	111-1	126.46	125.10	124.81	125.45	0.70	ppb
Cadmium	106-1	126.94	129.30	123.07	126.43	2.49	ppb
Cadmium	108-1	126.37	132.39	132.11	130.29	2.61	ppb
Calcium	43-1	12346.25	12348.81	12138.66	12277.91	0.98	ppb
Calcium	44-1	12340.88	12419.42	12222.98	12327.76	0.80	ppb
Chromium	52-2	127.95	128.19	131.82	129.32	1.68	ppb
Cobalt	59-2	127.86	126.53	132.18	128.86	2.29	ppb
Copper	63-2	256.92	254.52	264.68	258.71	2.05	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6684.15	6736.99	6976.75	6799.30	2.29	ppb
Iron	57-2	6462.92	6593.43	6718.12	6591.49	1.94	ppb
Krypton	83-1						cps
Lead	206-1	123.79	123.27	122.71	123.25	0.44	ppb
Lead	207-1	123.95	123.24	122.42	123.20	0.62	ppb
Lead	208-1	124.98	124.24	123.52	124.25	0.59	ppb
Lithium	6-1				100		%
Magnesium	24-2	13272.49	13337.26	13621.80	13410.52	1.39	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:31:20	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	251.45	254.52	261.04	255.67	1.91	ppb
Molybdenum	94-1	638.47	625.25	626.13	629.95	1.17	ppb
Molybdenum	95-1	629.12	628.42	622.02	626.52	0.62	ppb
Molybdenum	96-1	626.65	618.09	625.65	623.46	0.75	ppb
Molybdenum	97-1	631.94	628.44	629.97	630.12	0.28	ppb
Molybdenum	98-1	623.85	615.11	623.23	620.73	0.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	131.25	129.96	133.34	131.52	1.30	ppb
Phosphorus	31-2	2732.95	2409.67	2544.72	2562.44	6.34	ppb
Potassium	39-2	6398.86	6335.70	6605.65	6446.74	2.19	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				100		%
Selenium	77-2	93.82	132.40	158.31	128.18	25.32	ppb
Selenium	78-2	126.98	115.80	109.15	117.31	7.68	ppb
Selenium	82-1	127.37	123.08	129.30	126.58	2.51	ppb
Silicon	28-1	134.97	168.79	167.26	157.00	12.17	ppb
Silver	109-1	127.73	128.00	127.77	127.83	0.11	ppb
Silver	107-1	128.33	127.37	127.61	127.77	0.39	ppb
Sodium	23-2	13183.70	13164.46	13645.65	13331.27	2.04	ppb
Strontium	86-1	123.35	122.81	123.30	123.15	0.24	ppb
Strontium	88-1	127.99	125.24	124.80	126.01	1.37	ppb
Sulfur	34-1	2428.35	2358.51	2157.55	2314.80	6.07	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	123.90	124.67	122.30	123.63	0.98	ppb
Thallium	205-1	126.00	125.71	126.90	126.21	0.49	ppb
Tin	118-1	126.57	124.35	124.18	125.03	1.07	ppb
Titanium	47-1	624.84	623.94	615.76	621.51	0.80	ppb
Uranium	238-1	124.84	125.26	123.74	124.61	0.63	ppb
Vanadium	51-2	125.64	125.61	128.86	126.71	1.47	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	251.22	259.04	263.51	257.92	2.41	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:31:20	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.20	125.97	125.15	125.77	0.44	ppb
Zirconium	91-1	121.87	120.57	121.20	121.21	0.54	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5128.38	5302.41	5207.14	5212.64	1.67	ppb
Antimony	121-1	261.76	249.27	250.93	253.99	2.67	ppb
Arsenic	75-2	246.95	251.46	251.66	250.02	1.07	ppb
Barium	135-1	1301.41	1256.14	1247.78	1268.44	2.27	ppb
Barium	137-1	1290.93	1236.41	1252.85	1260.07	2.22	ppb
Beryllium	9-1	255.29	243.76	246.59	248.55	2.42	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	245.95	235.74	243.44	241.71	2.20	ppb
Boron	11-1	245.96	243.67	245.98	245.20	0.54	ppb
Cadmium	111-1	258.31	247.06	248.58	251.32	2.43	ppb
Cadmium	106-1	263.90	245.68	249.86	253.15	3.77	ppb
Cadmium	108-1	259.10	251.26	250.61	253.66	1.86	ppb
Calcium	43-1	25166.33	24510.85	24163.29	24613.49	2.07	ppb
Calcium	44-1	25089.72	24074.13	24232.85	24465.57	2.23	ppb
Chromium	52-2	254.79	259.49	251.96	255.41	1.49	ppb
Cobalt	59-2	258.61	258.60	252.46	256.56	1.38	ppb
Copper	63-2	513.51	521.11	508.94	514.52	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				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	13232.97	13541.94	13163.49	13312.80	1.51	ppb
Iron	57-2	13147.80	13402.35	12972.70	13174.28	1.64	ppb
Krypton	83-1						cps
Lead	206-1	255.86	239.27	247.45	247.52	3.35	ppb
Lead	207-1	253.21	239.02	244.97	245.73	2.90	ppb
Lead	208-1	258.58	243.19	248.70	250.15	3.12	ppb
Lithium	6-1				99		%
Magnesium	24-2	26652.60	27192.06	26299.42	26714.69	1.68	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	510.42	517.82	506.94	511.72	1.09	ppb
Molybdenum	94-1	1286.96	1247.56	1242.18	1258.90	1.94	ppb
Molybdenum	95-1	1293.94	1256.60	1256.32	1268.95	1.71	ppb
Molybdenum	96-1	1293.20	1242.42	1249.06	1261.56	2.19	ppb
Molybdenum	97-1	1301.87	1257.89	1276.24	1278.66	1.73	ppb
Molybdenum	98-1	1281.36	1247.79	1247.02	1258.72	1.56	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	258.14	262.59	254.76	258.50	1.52	ppb
Phosphorus	31-2	5120.42	5537.23	5212.85	5290.17	4.14	ppb
Potassium	39-2	12718.81	13068.61	12949.97	12912.47	1.38	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				100		%
Selenium	77-2	283.14	263.39	268.54	271.69	3.77	ppb
Selenium	78-2	256.68	243.60	244.81	248.37	2.91	ppb
Selenium	82-1	258.99	248.42	246.39	251.27	2.69	ppb
Silicon	28-1	274.79	267.88	264.53	269.07	1.95	ppb
Silver	109-1	265.52	254.85	252.26	257.54	2.73	ppb
Silver	107-1	264.29	253.65	255.78	257.91	2.18	ppb
Sodium	23-2	27042.37	27650.79	27079.57	27257.58	1.25	ppb
Strontium	86-1	255.40	244.43	244.76	248.20	2.51	ppb
Strontium	88-1	259.55	247.98	247.31	251.62	2.73	ppb
Sulfur	34-1	6381.06	5427.32	5146.94	5651.77	11.45	ppb
Terbium	159-1				101		%
Terbium	159-2				100		%
Thallium	203-1	257.70	241.72	247.47	248.96	3.25	ppb
Thallium	205-1	261.22	242.41	253.47	252.37	3.75	ppb
Tin	118-1	257.95	247.79	247.97	251.24	2.31	ppb
Titanium	47-1	1280.40	1236.10	1233.58	1250.03	2.11	ppb
Uranium	238-1	257.50	241.62	243.91	247.68	3.46	ppb
Vanadium	51-2	252.01	254.91	250.57	252.50	0.88	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	511.46	520.28	508.35	513.37	1.21	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:34:56	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	258.42	248.84	250.23	252.50	2.05	ppb
Zirconium	91-1	250.65	241.13	240.27	244.02	2.36	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10283.53	10097.83	10070.00	10150.45	1.14	ppb
Antimony	121-1	489.31	505.39	506.81	500.50	1.94	ppb
Arsenic	75-2	498.68	500.62	501.05	500.12	0.25	ppb
Barium	135-1	2459.78	2520.39	2505.51	2495.23	1.27	ppb
Barium	137-1	2416.94	2501.82	2505.51	2474.75	2.02	ppb
Beryllium	9-1	487.17	497.99	504.34	496.50	1.75	ppb
Bismuth	209-1				99		%
Bismuth	209-2				97		%
Boron	10-1	467.97	493.62	509.77	490.46	4.30	ppb
Boron	11-1	474.26	489.39	508.84	490.83	3.53	ppb
Cadmium	111-1	486.64	494.98	503.18	494.93	1.67	ppb
Cadmium	106-1	499.70	496.24	499.00	498.31	0.37	ppb
Cadmium	108-1	492.82	508.54	499.13	500.16	1.58	ppb
Calcium	43-1	48413.63	49912.42	50439.14	49588.40	2.12	ppb
Calcium	44-1	48181.33	49961.50	49860.93	49334.58	2.03	ppb
Chromium	52-2	499.37	504.84	491.67	498.63	1.33	ppb
Cobalt	59-2	502.30	503.09	498.48	501.29	0.49	ppb
Copper	63-2	1003.78	1007.04	992.27	1001.03	0.78	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				97		%
Iron	56-2	26463.83	26156.83	25795.02	26138.56	1.28	ppb
Iron	57-2	26211.53	25894.40	25458.26	25854.73	1.46	ppb
Krypton	83-1						cps
Lead	206-1	488.03	510.15	510.52	502.90	2.56	ppb
Lead	207-1	491.20	504.97	506.12	500.76	1.66	ppb
Lead	208-1	490.06	509.40	505.62	501.69	2.04	ppb
Lithium	6-1				99		%
Magnesium	24-2	53720.01	53111.55	52233.27	53021.61	1.41	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1008.59	1013.93	991.27	1004.60	1.18	ppb
Molybdenum	94-1	2441.00	2502.26	2491.67	2478.31	1.32	ppb
Molybdenum	95-1	2437.79	2514.00	2509.58	2487.12	1.72	ppb
Molybdenum	96-1	2437.61	2524.11	2479.28	2480.34	1.74	ppb
Molybdenum	97-1	2471.78	2516.93	2488.09	2492.26	0.92	ppb
Molybdenum	98-1	2443.95	2508.87	2519.64	2490.82	1.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.73	512.27	500.48	508.16	1.31	ppb
Phosphorus	31-2	10057.32	10148.57	9304.43	9836.77	4.71	ppb
Potassium	39-2	25348.67	25680.65	24885.56	25304.96	1.58	ppb
Rhodium	103-1				98		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	518.24	571.45	432.92	507.54	13.77	ppb
Selenium	78-2	508.11	519.14	496.50	507.92	2.23	ppb
Selenium	82-1	489.25	502.38	504.97	498.87	1.69	ppb
Silicon	28-1	508.64	539.54	538.11	528.76	3.30	ppb
Silver	109-1	494.88	506.64	508.70	503.41	1.48	ppb
Silver	107-1	494.83	506.25	510.84	503.97	1.64	ppb
Sodium	23-2	52948.62	52700.03	52378.88	52675.84	0.54	ppb
Strontium	86-1	485.81	498.42	500.00	494.74	1.57	ppb
Strontium	88-1	491.42	502.37	497.35	497.05	1.10	ppb
Sulfur	34-1	11417.79	12520.77	12964.87	12301.14	6.48	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	484.06	508.51	510.37	500.98	2.93	ppb
Thallium	205-1	482.03	506.13	503.00	497.05	2.64	ppb
Tin	118-1	493.02	505.19	512.94	503.72	1.99	ppb
Titanium	47-1	2480.52	2588.66	2559.47	2542.89	2.20	ppb
Uranium	238-1	480.80	501.09	501.60	494.50	2.40	ppb
Vanadium	51-2	501.78	501.64	494.57	499.33	0.83	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	1024.39	1013.88	989.59	1009.29	1.77	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	488.09	500.27	505.73	498.03	1.81	ppb
Zirconium	91-1	479.82	491.59	489.97	487.13	1.31	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20210.69	20023.08	20338.97	20190.91	0.79	ppb
Antimony	121-1	1037.01	973.49	985.64	998.71	3.38	ppb
Arsenic	75-2	1000.69	987.88	1010.22	999.59	1.12	ppb
Barium	135-1	5216.91	4842.30	4933.97	4997.73	3.91	ppb
Barium	137-1	5215.81	4846.40	4964.25	5008.82	3.77	ppb
Beryllium	9-1	1023.73	992.12	989.97	1001.94	1.89	ppb
Bismuth	209-1				97		%
Bismuth	209-2				95		%
Boron	10-1	1009.42	995.13	1015.93	1006.82	1.06	ppb
Boron	11-1	1004.82	999.26	1015.50	1006.53	0.82	ppb
Cadmium	111-1	1036.93	980.59	988.74	1002.09	3.04	ppb
Cadmium	106-1	1045.69	979.37	974.52	999.86	3.98	ppb
Cadmium	108-1	1030.95	968.82	994.92	998.23	3.13	ppb
Calcium	43-1	102904.94	98192.39	99514.96	100204.10	2.43	ppb
Calcium	44-1	100236.58	97179.56	96171.38	97862.51	2.16	ppb
Chromium	52-2	996.74	993.97	1005.22	998.64	0.59	ppb
Cobalt	59-2	1007.81	978.59	1005.00	997.13	1.62	ppb
Copper	63-2	1999.12	1969.14	2015.33	1994.53	1.17	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	51866.89	51451.91	52333.28	51884.03	0.85	ppb
Iron	57-2	51397.91	50984.55	51639.38	51340.61	0.65	ppb
Krypton	83-1						cps
Lead	206-1	1041.62	975.22	981.40	999.41	3.67	ppb
Lead	207-1	1037.41	982.50	982.97	1000.96	3.15	ppb
Lead	208-1	1039.36	978.00	980.33	999.23	3.48	ppb
Lithium	6-1				96		%
Magnesium	24-2	105591.83	103050.89	106137.26	104926.66	1.57	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2000.55	1970.41	2010.86	1993.94	1.05	ppb
Molybdenum	94-1	5159.86	4915.15	4949.11	5008.04	2.65	ppb
Molybdenum	95-1	5159.92	4912.44	4932.05	5001.47	2.75	ppb
Molybdenum	96-1	5169.54	4932.30	4919.74	5007.19	2.81	ppb
Molybdenum	97-1	5165.48	4905.10	4917.47	4996.02	2.94	ppb
Molybdenum	98-1	5156.01	4917.58	4935.30	5002.96	2.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1000.75	980.19	997.54	992.83	1.11	ppb
Phosphorus	31-2	21072.08	18807.63	20133.25	20004.32	5.69	ppb
Potassium	39-2	50220.89	49716.43	50623.97	50187.10	0.91	ppb
Rhodium	103-1				96		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	983.32	916.89	1069.87	990.03	7.75	ppb
Selenium	78-2	1008.18	981.37	1002.28	997.28	1.41	ppb
Selenium	82-1	1027.62	981.68	990.56	999.95	2.44	ppb
Silicon	28-1	987.66	954.38	984.95	975.66	1.89	ppb
Silver	109-1	1031.06	974.43	982.32	995.94	3.08	ppb
Silver	107-1	1034.28	973.70	978.72	995.57	3.38	ppb
Sodium	23-2	103597.09	102613.16	104296.05	103502.10	0.82	ppb
Strontium	86-1	1055.20	985.13	969.59	1003.30	4.55	ppb
Strontium	88-1	1040.21	978.25	984.29	1000.92	3.41	ppb
Sulfur	34-1	19446.16	18075.61	18581.31	18701.03	3.71	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	1039.81	971.63	988.53	999.99	3.55	ppb
Thallium	205-1	1038.48	977.77	986.00	1000.75	3.29	ppb
Tin	118-1	1031.15	974.06	988.22	997.81	2.98	ppb
Titanium	47-1	5115.06	4879.91	4941.87	4978.95	2.45	ppb
Uranium	238-1	1037.95	981.02	991.38	1003.45	3.02	ppb
Vanadium	51-2	1000.74	989.50	1008.11	999.45	0.94	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	1993.28	1969.39	2009.81	1990.83	1.02	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1028.50	987.47	984.88	1000.29	2.45	ppb
Zirconium	91-1	1043.30	989.74	992.55	1008.53	2.99	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	101656.25	99271.43	98873.98	99933.89	1.51	ppb
Antimony	121-1	2.93	2.77	2.65	2.79	4.99	ppb
Arsenic	75-2	1.62	1.58	1.75	1.65	5.38	ppb
Barium	135-1	0.92	0.91	1.02	0.95	6.59	ppb
Barium	137-1	0.92	0.94	0.95	0.94	1.24	ppb
Beryllium	9-1	0.50	0.59	0.46	0.52	13.17	ppb
Bismuth	209-1				88		%
Bismuth	209-2				90		%
Boron	10-1	53.18	49.73	45.96	49.62	7.28	ppb
Boron	11-1	51.97	48.70	45.43	48.70	6.71	ppb
Cadmium	111-1	0.37	0.26	0.24	0.29	24.04	ppb
Cadmium	106-1	0.97	0.14	0.05	0.39	131.05	ppb
Cadmium	108-1	0.34	0.59	0.46	0.47	26.78	ppb
Calcium	43-1	487937.62	508242.28	503897.19	500025.69	2.14	ppb
Calcium	44-1	494104.37	504921.25	502549.29	500524.97	1.14	ppb
Chromium	52-2	39.99	38.86	39.52	39.46	1.44	ppb
Cobalt	59-2	12.20	11.94	11.70	11.95	2.08	ppb
Copper	63-2	4.53	4.67	4.57	4.59	1.54	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				93		%
Indium	115-2				98		%
Iron	56-2	254057.67	247351.37	246949.16	249452.74	1.60	ppb
Iron	57-2	253389.57	249400.61	246017.00	249602.40	1.48	ppb
Krypton	83-1						cps
Lead	206-1	6.69	6.74	6.62	6.68	0.93	ppb
Lead	207-1	6.11	6.16	6.29	6.19	1.53	ppb
Lead	208-1	6.36	6.51	6.52	6.46	1.41	ppb
Lithium	6-1				95		%
Magnesium	24-2	504663.47	494680.84	496454.35	498599.55	1.07	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	11.06	9.29	9.75	10.04	9.14	ppb
Molybdenum	94-1	6.87	6.71	6.30	6.63	4.48	ppb
Molybdenum	95-1	9.33	9.17	8.90	9.13	2.37	ppb
Molybdenum	96-1	9.50	9.25	9.16	9.30	1.88	ppb
Molybdenum	97-1	9.39	9.25	9.27	9.30	0.83	ppb
Molybdenum	98-1	8.79	9.14	8.95	8.96	1.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	32.36	31.24	31.61	31.74	1.79	ppb
Phosphorus	31-2	46.03	2.80	23.54	24.12	89.63	ppb
Potassium	39-2	254640.43	245970.23	249106.83	249905.83	1.76	ppb
Rhodium	103-1				90		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				103		%
Selenium	77-2	1.86	-3.85	1.77	-0.08		ppb
Selenium	78-2	0.59	1.44	0.57	0.87	57.20	ppb
Selenium	82-1	1.24	0.63	1.62	1.16	42.93	ppb
Silicon	28-1	44.79	48.21	49.11	47.37	4.81	ppb
Silver	109-1	0.11	0.11	0.11	0.11	1.21	ppb
Silver	107-1	0.14	0.14	0.11	0.13	13.78	ppb
Sodium	23-2	505734.54	497800.75	493147.74	498894.34	1.28	ppb
Strontium	86-1	4.94	4.96	4.79	4.90	1.88	ppb
Strontium	88-1	4.98	5.03	5.16	5.05	1.90	ppb
Sulfur	34-1	-1850.53	-1359.67	-1623.48	-1611.23		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.75	0.69	0.63	0.69	8.79	ppb
Thallium	205-1	0.68	0.72	0.69	0.70	2.85	ppb
Tin	118-1	4.96	4.88	4.77	4.87	1.97	ppb
Titanium	47-1	2.87	2.73	2.56	2.72	5.63	ppb
Uranium	238-1	0.13	0.12	0.11	0.12	8.50	ppb
Vanadium	51-2	0.37	0.38	0.38	0.38	1.00	ppb
Yttrium	89-1				97		%
Yttrium	89-2				102		%
Zinc	66-2	14.61	15.65	13.79	14.68	6.36	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:45:16	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.23	0.21	0.23	11.13	ppb
Zirconium	91-1	0.23	0.18	0.23	0.21	12.98	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICV01 Instrumnet Name : P8
 Client Sample ID : ICV01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:58:22 DataFile Name : 012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	488.26	515.71	513.61	505.86	3.02	ppb
Antimony	121-1	201.66	197.69	207.75	202.37	2.51	ppb
Arsenic	75-2	197.70	194.49	196.58	196.26	0.83	ppb
Barium	135-1	100.41	98.41	105.41	101.41	3.56	ppb
Barium	137-1	100.96	99.10	105.19	101.75	3.07	ppb
Beryllium	9-1	101.61	97.41	100.83	99.95	2.23	ppb
Bismuth	209-1				95		%
Bismuth	209-2				100		%
Boron	10-1	506.98	514.54	544.88	522.13	3.84	ppb
Boron	11-1	497.88	503.09	533.62	511.53	3.77	ppb
Cadmium	111-1	103.83	103.05	107.59	104.82	2.32	ppb
Cadmium	106-1	158.55	162.32	160.18	160.35	1.18	ppb
Cadmium	108-1	136.44	131.51	138.50	135.48	2.65	ppb
Calcium	43-1	2148.64	2062.73	2204.50	2138.62	3.34	ppb
Calcium	44-1	2043.12	2029.92	2106.54	2059.86	1.99	ppb
Chromium	52-2	96.12	94.84	96.54	95.83	0.92	ppb
Cobalt	59-2	98.12	97.13	98.31	97.85	0.64	ppb
Copper	63-2	98.42	98.70	98.76	98.62	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				98		%
Holmium	165-2				101		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	1025.92	1024.54	1042.90	1031.12	0.99	ppb
Iron	57-2	1025.82	989.33	1027.00	1014.05	2.11	ppb
Krypton	83-1						cps
Lead	206-1	196.82	197.37	209.51	201.23	3.57	ppb
Lead	207-1	189.05	189.56	200.17	192.93	3.26	ppb
Lead	208-1	197.93	197.32	206.63	200.63	2.59	ppb
Lithium	6-1				97		%
Magnesium	24-2	1222.76	1197.87	1208.25	1209.63	1.03	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:58:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	94.32	95.91	96.14	95.46	1.04	ppb
Molybdenum	94-1	1116.37	1094.25	1147.86	1119.50	2.41	ppb
Molybdenum	95-1	546.00	535.22	574.65	551.96	3.69	ppb
Molybdenum	96-1	613.93	605.51	645.23	621.56	3.37	ppb
Molybdenum	97-1	536.00	529.09	566.25	543.78	3.63	ppb
Molybdenum	98-1	538.04	533.87	564.04	545.32	3.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	99.74	100.12	100.35	100.07	0.31	ppb
Phosphorus	31-2	2.43	-17.89	43.46	9.33	334.87	ppb
Potassium	39-2	2037.90	1989.22	2072.25	2033.12	2.05	ppb
Rhodium	103-1				98		%
Rhodium	103-2				102		%
Scandium	45-1				98		%
Scandium	45-2				105		%
Selenium	77-2	220.44	158.84	229.12	202.80	18.89	ppb
Selenium	78-2	201.23	180.47	181.03	187.58	6.31	ppb
Selenium	82-1	203.76	198.30	210.46	204.17	2.98	ppb
Silicon	28-1	9.14	7.12	13.43	9.90	32.53	ppb
Silver	109-1	93.41	93.16	96.74	94.44	2.12	ppb
Silver	107-1	94.27	93.28	97.87	95.14	2.54	ppb
Sodium	23-2	2048.11	2067.12	2049.62	2054.95	0.51	ppb
Strontium	86-1	472.07	466.33	499.73	479.38	3.73	ppb
Strontium	88-1	473.99	471.67	499.96	481.87	3.26	ppb
Sulfur	34-1	-1383.79	-1667.73	-985.11	-1345.54		ppb
Terbium	159-1				97		%
Terbium	159-2				101		%
Thallium	203-1	200.20	199.02	212.73	203.98	3.73	ppb
Thallium	205-1	206.49	204.01	220.20	210.23	4.15	ppb
Tin	118-1	484.87	484.86	506.38	492.04	2.53	ppb
Titanium	47-1	475.37	479.10	494.39	482.95	2.09	ppb
Uranium	238-1	489.22	488.34	512.14	496.57	2.72	ppb
Vanadium	51-2	97.86	95.34	97.28	96.82	1.36	ppb
Yttrium	89-1				99		%
Yttrium	89-2				103		%
Zinc	66-2	202.86	199.99	201.83	201.56	0.72	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:58:22	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	466.77	464.56	498.42	476.59	3.97	ppb
Zirconium	91-1	457.43	453.73	483.55	464.91	3.50	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.16	24.78	18.47	22.14	14.81	ppb
Antimony	121-1	2.14	2.15	2.11	2.13	0.95	ppb
Arsenic	75-2	0.99	0.91	0.93	0.94	4.32	ppb
Barium	135-1	9.77	9.76	9.32	9.62	2.66	ppb
Barium	137-1	9.54	9.60	9.74	9.63	1.04	ppb
Beryllium	9-1	1.11	1.03	1.03	1.06	4.59	ppb
Bismuth	209-1				95		%
Bismuth	209-2				98		%
Boron	10-1	27.00	26.37	29.04	27.47	5.07	ppb
Boron	11-1	30.70	28.25	28.19	29.05	4.94	ppb
Cadmium	111-1	0.83	0.96	0.87	0.89	7.33	ppb
Cadmium	106-1	-1.56	0.40	-0.81	-0.66		ppb
Cadmium	108-1	0.84	0.90	0.90	0.88	3.83	ppb
Calcium	43-1	467.34	462.23	479.44	469.67	1.88	ppb
Calcium	44-1	473.10	466.31	463.19	467.54	1.08	ppb
Chromium	52-2	2.05	2.24	2.21	2.17	4.72	ppb
Cobalt	59-2	0.95	0.98	1.00	0.98	2.86	ppb
Copper	63-2	1.82	1.99	1.99	1.93	5.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				102		%
Iron	56-2	52.16	53.53	52.96	52.88	1.30	ppb
Iron	57-2	45.35	48.69	54.09	49.38	8.93	ppb
Krypton	83-1						cps
Lead	206-1	1.02	0.98	0.99	0.99	2.50	ppb
Lead	207-1	0.94	1.06	1.00	1.00	5.97	ppb
Lead	208-1	0.98	1.01	0.98	0.99	1.56	ppb
Lithium	6-1				97		%
Magnesium	24-2	474.97	474.12	508.88	485.99	4.08	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.14	1.07	1.35	1.19	12.39	ppb
Molybdenum	94-1	5.79	5.71	5.59	5.70	1.74	ppb
Molybdenum	95-1	4.99	5.00	5.04	5.01	0.60	ppb
Molybdenum	96-1	4.85	5.09	4.97	4.97	2.45	ppb
Molybdenum	97-1	5.06	5.04	4.76	4.96	3.36	ppb
Molybdenum	98-1	4.93	4.70	4.86	4.83	2.38	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.18	1.08	1.20	1.15	5.55	ppb
Phosphorus	31-2	23.21	2.91	45.00	23.71	88.79	ppb
Potassium	39-2	534.65	523.06	519.77	525.82	1.49	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				103		%
Selenium	77-2	7.47	1.83	1.80	3.70	88.22	ppb
Selenium	78-2	9.35	2.35	5.84	5.85	59.87	ppb
Selenium	82-1	5.15	5.89	5.45	5.49	6.77	ppb
Silicon	28-1	20.48	21.07	20.09	20.55	2.39	ppb
Silver	109-1	1.13	1.00	1.04	1.06	6.65	ppb
Silver	107-1	1.04	1.02	1.01	1.02	1.17	ppb
Sodium	23-2	515.77	534.76	540.09	530.21	2.41	ppb
Strontium	86-1	1.00	1.07	0.84	0.97	12.25	ppb
Strontium	88-1	1.04	1.00	1.02	1.02	2.07	ppb
Sulfur	34-1	-720.81	-884.25	-932.71	-845.92		ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	0.97	0.94	0.96	0.95	1.66	ppb
Thallium	205-1	1.03	1.02	0.97	1.01	3.03	ppb
Tin	118-1	4.93	4.78	4.98	4.90	2.09	ppb
Titanium	47-1	4.91	5.12	4.80	4.94	3.25	ppb
Uranium	238-1	0.91	0.90	0.89	0.90	1.44	ppb
Vanadium	51-2	4.63	4.86	4.62	4.70	2.88	ppb
Yttrium	89-1				98		%
Yttrium	89-2				102		%
Zinc	66-2	1.20	1.89	2.29	1.79	30.90	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.40	1.44	1.42	1.42	1.45	ppb
Zirconium	91-1	1.37	1.32	1.34	1.34	1.80	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:17:29 DataFile Name : 014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.12	2.28	1.85	1.42	80.65	ppb
Antimony	121-1	0.06	0.06	0.09	0.07	19.98	ppb
Arsenic	75-2	-0.04	-0.06	-0.04	-0.04		ppb
Barium	135-1	-0.04	-0.03	0.01	-0.02		ppb
Barium	137-1	0.00	-0.02	-0.02	-0.01		ppb
Beryllium	9-1	0.06	0.02	0.10	0.06	64.26	ppb
Bismuth	209-1				94		%
Bismuth	209-2				99		%
Boron	10-1	7.47	7.43	7.08	7.33	2.94	ppb
Boron	11-1	7.06	5.99	5.75	6.27	11.20	ppb
Cadmium	111-1	-0.10	-0.07	-0.17	-0.11		ppb
Cadmium	106-1	-1.20	-0.87	-2.21	-1.43		ppb
Cadmium	108-1	0.11	-0.03	0.00	0.03	272.41	ppb
Calcium	43-1	-2.97	0.07	2.39	-0.17		ppb
Calcium	44-1	-1.87	-4.16	-1.05	-2.36		ppb
Chromium	52-2	-0.03	0.04	0.08	0.03	187.60	ppb
Cobalt	59-2	-0.02	-0.01	-0.01	-0.01		ppb
Copper	63-2	-0.07	-0.04	-0.01	-0.04		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				102		%
Iron	56-2	0.20	0.48	-0.02	0.22	115.12	ppb
Iron	57-2	0.53	3.26	1.03	1.61	90.43	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	0.03	0.01	309.93	ppb
Lead	207-1	0.02	0.01	0.00	0.01	61.27	ppb
Lead	208-1	0.01	0.01	0.01	0.01	19.82	ppb
Lithium	6-1				96		%
Magnesium	24-2	1.67	3.32	3.29	2.76	34.24	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:17:29	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	-0.08	-0.02	-0.06		ppb
Molybdenum	94-1	0.11	0.07	0.11	0.10	24.51	ppb
Molybdenum	95-1	0.07	0.05	0.06	0.06	22.46	ppb
Molybdenum	96-1	0.06	0.05	0.07	0.06	18.95	ppb
Molybdenum	97-1	0.06	0.04	0.07	0.06	23.01	ppb
Molybdenum	98-1	0.03	0.03	0.03	0.03	14.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.06	-0.04	0.05	170.12	ppb
Phosphorus	31-2	2.17	-17.89	22.89	2.39	854.11	ppb
Potassium	39-2	-2.93	15.53	16.74	9.78	112.75	ppb
Rhodium	103-1				97		%
Rhodium	103-2				101		%
Scandium	45-1				98		%
Scandium	45-2				106		%
Selenium	77-2	-3.85	1.82	-3.85	-1.96		ppb
Selenium	78-2	0.56	0.58	-0.30	0.28	177.95	ppb
Selenium	82-1	0.19	0.36	0.30	0.28	30.68	ppb
Silicon	28-1	3.57	2.30	5.14	3.67	38.75	ppb
Silver	109-1	0.00	0.00	0.00	0.00	409.93	ppb
Silver	107-1	0.01	0.00	0.01	0.00	75.99	ppb
Sodium	23-2	4.39	14.15	18.10	12.21	57.76	ppb
Strontium	86-1	0.01	-0.04	0.05	0.01	480.66	ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	-546.75	-767.85	-420.36	-578.32		ppb
Terbium	159-1				95		%
Terbium	159-2				100		%
Thallium	203-1	0.03	0.01	0.02	0.02	47.77	ppb
Thallium	205-1	0.02	0.01	0.02	0.02	37.70	ppb
Tin	118-1	-0.01	-0.05	-0.02	-0.03		ppb
Titanium	47-1	0.08	0.01	0.05	0.05	81.94	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	-0.33	-0.37	-0.21	-0.31		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:17:29	DataFile Name :	014CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.06	0.06	0.06	2.49	ppb
Zirconium	91-1	0.04	0.10	0.08	0.08	42.72	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:20:51 DataFile Name : 015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	92240.74	93222.33	91621.37	92361.48	0.87	ppb
Antimony	121-1	1.16	1.09	1.22	1.16	5.71	ppb
Arsenic	75-2	0.17	0.28	0.26	0.24	23.61	ppb
Barium	135-1	1.44	1.50	1.45	1.46	2.33	ppb
Barium	137-1	1.35	1.45	1.35	1.38	4.18	ppb
Beryllium	9-1	0.38	0.41	0.26	0.35	21.52	ppb
Bismuth	209-1				93		%
Bismuth	209-2				94		%
Boron	10-1	7.33	7.11	6.20	6.88	8.66	ppb
Boron	11-1	8.14	8.64	7.89	8.22	4.61	ppb
Cadmium	111-1	0.22	0.26	0.26	0.25	9.36	ppb
Cadmium	106-1	-1.28	-1.31	-0.96	-1.18		ppb
Cadmium	108-1	9.65	8.18	8.88	8.90	8.29	ppb
Calcium	43-1	97334.97	95567.95	96946.55	96616.49	0.96	ppb
Calcium	44-1	96005.93	95255.95	94863.40	95375.09	0.61	ppb
Chromium	52-2	19.92	19.26	19.13	19.44	2.19	ppb
Cobalt	59-2	1.03	1.02	1.13	1.06	5.62	ppb
Copper	63-2	7.52	7.44	7.72	7.56	1.88	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	101593.51	101735.12	100844.62	101391.08	0.47	ppb
Iron	57-2	99970.43	100055.79	99375.35	99800.52	0.37	ppb
Krypton	83-1						cps
Lead	206-1	4.79	4.64	4.65	4.69	1.83	ppb
Lead	207-1	4.30	3.99	4.08	4.12	3.93	ppb
Lead	208-1	4.55	4.31	4.37	4.41	2.80	ppb
Lithium	6-1				94		%
Magnesium	24-2	99518.57	100326.76	98549.12	99464.81	0.89	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:20:51	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.54	7.88	6.65	7.36	8.62	ppb
Molybdenum	94-1	1363.28	1345.10	1349.14	1352.51	0.71	ppb
Molybdenum	95-1	1933.20	1917.06	1894.30	1914.85	1.02	ppb
Molybdenum	96-1	1851.83	1839.22	1810.24	1833.76	1.16	ppb
Molybdenum	97-1	1945.52	1939.03	1902.07	1928.87	1.22	ppb
Molybdenum	98-1	1945.39	1916.97	1902.27	1921.54	1.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.93	5.26	5.39	5.19	4.63	ppb
Phosphorus	31-2	97044.21	99229.02	98056.99	98110.07	1.11	ppb
Potassium	39-2	99737.04	99898.29	97511.42	99048.92	1.35	ppb
Rhodium	103-1				95		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				101		%
Selenium	77-2	-3.85	1.90	-3.85	-1.93		ppb
Selenium	78-2	1.48	0.59	2.39	1.49	60.44	ppb
Selenium	82-1	-0.09	0.11	0.24	0.09	191.98	ppb
Silicon	28-1	47.46	45.35	44.78	45.86	3.08	ppb
Silver	109-1	0.04	0.04	0.05	0.04	13.50	ppb
Silver	107-1	0.03	0.05	0.06	0.05	25.86	ppb
Sodium	23-2	100954.03	101226.67	100606.22	100928.98	0.31	ppb
Strontium	86-1	33.68	33.27	32.20	33.05	2.32	ppb
Strontium	88-1	34.16	33.98	33.44	33.86	1.11	ppb
Sulfur	34-1	100617.53	100348.02	99618.08	100194.54	0.52	ppb
Terbium	159-1				97		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.09	0.11	0.09	33.53	ppb
Thallium	205-1	0.09	0.09	0.10	0.09	10.73	ppb
Tin	118-1	0.14	0.17	0.09	0.13	29.56	ppb
Titanium	47-1	1999.66	1982.86	1984.01	1988.84	0.47	ppb
Uranium	238-1	0.01	0.00	0.00	0.00	105.08	ppb
Vanadium	51-2	0.12	0.13	0.15	0.13	9.57	ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	10.82	10.50	10.02	10.45	3.89	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:20:51	DataFile Name :	015ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.90	0.77	0.66	0.78	15.90	ppb
Zirconium	91-1	0.88	0.69	0.58	0.72	20.78	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:24:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91613.56	94307.90	94283.52	93401.66	1.66	ppb
Antimony	121-1	20.39	20.14	20.32	20.28	0.64	ppb
Arsenic	75-2	19.12	18.44	20.24	19.27	4.74	ppb
Barium	135-1	21.17	21.54	21.12	21.27	1.07	ppb
Barium	137-1	21.43	21.45	21.48	21.45	0.12	ppb
Beryllium	9-1	20.25	20.14	20.05	20.15	0.51	ppb
Bismuth	209-1				94		%
Bismuth	209-2				94		%
Boron	10-1	56.92	58.74	56.91	57.52	1.84	ppb
Boron	11-1	58.41	58.80	59.80	59.01	1.21	ppb
Cadmium	111-1	19.62	19.49	19.06	19.39	1.49	ppb
Cadmium	106-1	23.58	21.43	19.59	21.53	9.29	ppb
Cadmium	108-1	30.41	28.07	28.88	29.12	4.08	ppb
Calcium	43-1	97915.87	96956.63	95840.42	96904.31	1.07	ppb
Calcium	44-1	96117.10	94875.84	94426.84	95139.93	0.92	ppb
Chromium	52-2	38.76	38.90	39.10	38.92	0.44	ppb
Cobalt	59-2	20.88	20.99	20.86	20.91	0.33	ppb
Copper	63-2	26.61	27.36	27.79	27.25	2.20	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	100645.57	102070.14	103286.66	102000.79	1.30	ppb
Iron	57-2	99802.26	100642.45	101150.57	100531.76	0.68	ppb
Krypton	83-1						cps
Lead	206-1	24.91	24.36	24.23	24.50	1.46	ppb
Lead	207-1	22.83	22.65	22.66	22.71	0.45	ppb
Lead	208-1	23.87	23.53	23.43	23.61	0.96	ppb
Lithium	6-1				97		%
Magnesium	24-2	98045.26	100926.52	101235.82	100069.20	1.76	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:24:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.35	26.97	27.55	27.29	1.08	ppb
Molybdenum	94-1	1433.34	1447.46	1429.87	1436.89	0.65	ppb
Molybdenum	95-1	1960.43	1968.61	1926.70	1951.92	1.14	ppb
Molybdenum	96-1	1889.51	1901.39	1854.92	1881.94	1.28	ppb
Molybdenum	97-1	1975.98	1994.44	1948.32	1972.92	1.18	ppb
Molybdenum	98-1	1959.60	1957.17	1905.12	1940.63	1.59	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	24.65	25.57	25.27	25.16	1.86	ppb
Phosphorus	31-2	95870.61	99110.54	100475.89	98485.68	2.40	ppb
Potassium	39-2	99717.01	98825.86	100147.84	99563.57	0.68	ppb
Rhodium	103-1				97		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				101		%
Selenium	77-2	19.01	13.33	30.60	20.98	41.95	ppb
Selenium	78-2	10.33	21.89	27.28	19.83	43.67	ppb
Selenium	82-1	18.82	18.19	19.17	18.73	2.66	ppb
Silicon	28-1	107.82	101.88	100.92	103.54	3.61	ppb
Silver	109-1	19.10	18.75	18.64	18.83	1.26	ppb
Silver	107-1	18.93	18.77	18.78	18.83	0.46	ppb
Sodium	23-2	101745.80	102021.99	102846.48	102204.76	0.56	ppb
Strontium	86-1	82.15	82.98	81.74	82.29	0.77	ppb
Strontium	88-1	85.06	84.94	84.33	84.78	0.46	ppb
Sulfur	34-1	100022.18	96719.01	97440.32	98060.50	1.77	ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	20.45	20.33	20.11	20.30	0.86	ppb
Thallium	205-1	20.46	20.36	20.22	20.35	0.60	ppb
Tin	118-1	50.30	48.67	48.76	49.24	1.86	ppb
Titanium	47-1	2086.72	2061.35	1994.86	2047.64	2.32	ppb
Uranium	238-1	50.41	49.94	49.10	49.82	1.33	ppb
Vanadium	51-2	19.83	19.16	19.71	19.57	1.83	ppb
Yttrium	89-1				100		%
Yttrium	89-2				101		%
Zinc	66-2	33.04	30.43	31.88	31.78	4.12	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:24:06	DataFile Name :	016ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.09	50.23	49.10	49.81	1.23	ppb
Zirconium	91-1	47.65	48.59	47.94	48.06	1.01	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53571.37	53277.32	52388.00	53078.90	1.16	ppb
Antimony	121-1	488.02	506.03	506.38	500.14	2.10	ppb
Arsenic	75-2	499.62	514.03	507.22	506.96	1.42	ppb
Barium	135-1	2492.94	2542.52	2540.77	2525.41	1.11	ppb
Barium	137-1	2474.32	2519.38	2519.99	2504.56	1.05	ppb
Beryllium	9-1	504.54	509.72	509.03	507.77	0.55	ppb
Bismuth	209-1				96		%
Bismuth	209-2				95		%
Boron	10-1	493.28	505.87	528.34	509.17	3.49	ppb
Boron	11-1	490.80	516.12	523.15	510.02	3.34	ppb
Cadmium	111-1	474.90	489.03	486.42	483.45	1.55	ppb
Cadmium	106-1	488.94	499.45	489.40	492.60	1.21	ppb
Cadmium	108-1	487.85	511.37	495.89	498.37	2.40	ppb
Calcium	43-1	240445.59	244698.41	243495.37	242879.79	0.90	ppb
Calcium	44-1	238784.23	243067.62	243263.67	241705.17	1.05	ppb
Chromium	52-2	518.82	521.61	503.44	514.62	1.90	ppb
Cobalt	59-2	502.17	499.78	489.70	497.22	1.33	ppb
Copper	63-2	974.52	972.15	940.14	962.27	2.00	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				103		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	131402.91	131147.70	127148.54	129899.72	1.84	ppb
Iron	57-2	130960.53	130207.91	126256.36	129141.60	1.96	ppb
Krypton	83-1						cps
Lead	206-1	507.66	519.47	508.47	511.87	1.29	ppb
Lead	207-1	494.92	521.39	510.90	509.07	2.62	ppb
Lead	208-1	499.83	519.54	509.08	509.49	1.94	ppb
Lithium	6-1				99		%
Magnesium	24-2	258982.61	259248.73	254477.95	257569.77	1.04	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1029.26	1024.78	990.27	1014.77	2.10	ppb
Molybdenum	94-1	2444.51	2532.12	2488.75	2488.46	1.76	ppb
Molybdenum	95-1	2477.07	2531.79	2463.74	2490.87	1.45	ppb
Molybdenum	96-1	2448.83	2540.50	2475.12	2488.15	1.90	ppb
Molybdenum	97-1	2458.34	2559.62	2488.83	2502.26	2.08	ppb
Molybdenum	98-1	2452.76	2553.19	2464.02	2489.99	2.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	509.00	507.46	490.86	502.44	2.00	ppb
Phosphorus	31-2	9821.81	10400.98	11090.06	10437.62	6.08	ppb
Potassium	39-2	130788.54	130971.28	126735.00	129498.27	1.85	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				102		%
Scandium	45-2				105		%
Selenium	77-2	648.44	632.68	412.60	564.57	23.35	ppb
Selenium	78-2	491.15	504.97	514.98	503.70	2.38	ppb
Selenium	82-1	475.11	502.88	487.58	488.52	2.85	ppb
Silicon	28-1	522.55	534.64	535.09	530.76	1.34	ppb
Silver	109-1	487.41	503.55	490.10	493.69	1.75	ppb
Silver	107-1	485.87	504.96	494.44	495.09	1.93	ppb
Sodium	23-2	261394.66	261707.65	252737.22	258613.18	1.97	ppb
Strontium	86-1	489.54	502.65	491.76	494.65	1.42	ppb
Strontium	88-1	490.55	508.49	499.07	499.37	1.80	ppb
Sulfur	34-1	11046.87	11713.21	11385.69	11381.92	2.93	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	492.64	521.78	506.07	506.83	2.88	ppb
Thallium	205-1	489.37	513.12	498.29	500.26	2.40	ppb
Tin	118-1	493.75	514.31	509.44	505.83	2.12	ppb
Titanium	47-1	2514.72	2543.66	2543.89	2534.09	0.66	ppb
Uranium	238-1	497.41	516.22	507.19	506.94	1.86	ppb
Vanadium	51-2	509.04	509.20	493.02	503.75	1.85	ppb
Yttrium	89-1				103		%
Yttrium	89-2				103		%
Zinc	66-2	990.45	983.03	962.66	978.71	1.47	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	494.06	512.66	504.32	503.68	1.85	ppb
Zirconium	91-1	479.94	502.55	485.89	489.46	2.39	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-1.53	1.05	0.23	-0.08		ppb
Antimony	121-1	0.21	0.21	0.25	0.22	11.21	ppb
Arsenic	75-2	-0.04	0.03	-0.04	-0.01		ppb
Barium	135-1	-0.03	-0.02	-0.03	-0.02		ppb
Barium	137-1	-0.02	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.06	0.07	0.02	0.05	52.03	ppb
Bismuth	209-1				96		%
Bismuth	209-2				99		%
Boron	10-1	4.01	3.07	4.05	3.71	14.99	ppb
Boron	11-1	4.28	4.58	4.21	4.36	4.56	ppb
Cadmium	111-1	0.00	-0.07	-0.06	-0.04		ppb
Cadmium	106-1	-0.05	-0.83	-0.73	-0.53		ppb
Cadmium	108-1	0.10	0.00	0.04	0.05	111.56	ppb
Calcium	43-1	-1.96	-4.44	1.10	-1.77		ppb
Calcium	44-1	-0.76	-0.51	-1.11	-0.79		ppb
Chromium	52-2	-0.02	0.03	0.01	0.01	317.51	ppb
Cobalt	59-2	-0.03	-0.02	-0.01	-0.02		ppb
Copper	63-2	-0.03	-0.01	-0.01	-0.02		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				99		%
Indium	115-2				102		%
Iron	56-2	1.17	1.50	1.20	1.29	14.03	ppb
Iron	57-2	3.25	3.34	-1.14	1.82	141.07	ppb
Krypton	83-1						cps
Lead	206-1	0.02	0.02	0.03	0.02	22.70	ppb
Lead	207-1	0.02	0.01	0.02	0.02	24.02	ppb
Lead	208-1	0.01	0.02	0.01	0.01	30.18	ppb
Lithium	6-1				98		%
Magnesium	24-2	3.30	6.39	6.29	5.33	33.00	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.03	0.04	-0.02	0.02	169.17	ppb
Molybdenum	94-1	0.24	0.24	0.19	0.22	14.50	ppb
Molybdenum	95-1	0.23	0.16	0.17	0.19	19.64	ppb
Molybdenum	96-1	0.18	0.17	0.20	0.18	7.67	ppb
Molybdenum	97-1	0.24	0.26	0.22	0.24	8.13	ppb
Molybdenum	98-1	0.21	0.19	0.15	0.19	17.82	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.03	0.12	-0.01	0.03	317.12	ppb
Phosphorus	31-2	22.92	23.45	-17.89	9.49	249.89	ppb
Potassium	39-2	27.97	26.36	28.50	27.61	4.04	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				104		%
Selenium	77-2	1.84	-3.85	-3.85	-1.96		ppb
Selenium	78-2	-0.30	0.58	0.58	0.29	176.63	ppb
Selenium	82-1	0.16	-0.41	0.28	0.01	4396.21	ppb
Silicon	28-1	1.22	-2.18	1.84	0.29	737.60	ppb
Silver	109-1	0.01	0.02	0.02	0.01	13.49	ppb
Silver	107-1	0.02	0.01	0.01	0.01	36.68	ppb
Sodium	23-2	33.25	23.52	36.52	31.10	21.74	ppb
Strontium	86-1	-0.03	-0.02	-0.05	-0.03		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	1122.58	ppb
Sulfur	34-1	-1716.62	-2014.38	-1788.16	-1839.72		ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	0.04	0.06	0.05	0.05	21.39	ppb
Thallium	205-1	0.05	0.06	0.06	0.05	12.82	ppb
Tin	118-1	0.01	-0.06	-0.03	-0.03		ppb
Titanium	47-1	0.05	0.04	0.05	0.05	15.30	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				99		%
Yttrium	89-2				101		%
Zinc	66-2	-0.08	-0.17	-0.13	-0.13		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.07	0.07	0.07	15.21	ppb
Zirconium	91-1	0.06	0.06	0.05	0.06	9.50	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.30	21.46	21.22	21.99	5.19	ppb
Antimony	121-1	2.11	2.05	2.00	2.05	2.65	ppb
Arsenic	75-2	1.07	0.88	0.76	0.91	17.37	ppb
Barium	135-1	9.24	9.32	9.72	9.43	2.75	ppb
Barium	137-1	9.35	9.37	9.51	9.41	0.94	ppb
Beryllium	9-1	1.02	1.00	1.13	1.05	6.91	ppb
Bismuth	209-1				97		%
Bismuth	209-2				99		%
Boron	10-1	24.17	25.63	28.55	26.12	8.54	ppb
Boron	11-1	25.06	26.04	25.24	25.45	2.04	ppb
Cadmium	111-1	0.92	0.95	1.01	0.96	5.24	ppb
Cadmium	106-1	0.23	1.02	1.20	0.82	63.08	ppb
Cadmium	108-1	0.85	0.71	0.89	0.82	11.77	ppb
Calcium	43-1	433.09	440.89	470.60	448.20	4.42	ppb
Calcium	44-1	464.40	450.26	473.75	462.80	2.56	ppb
Chromium	52-2	2.15	2.09	2.14	2.12	1.55	ppb
Cobalt	59-2	1.02	0.92	1.05	1.00	7.17	ppb
Copper	63-2	1.88	1.89	1.94	1.90	1.55	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				102		%
Iron	56-2	53.34	52.19	54.32	53.28	2.00	ppb
Iron	57-2	42.47	55.33	46.63	48.15	13.63	ppb
Krypton	83-1						cps
Lead	206-1	0.98	0.97	1.01	0.99	2.39	ppb
Lead	207-1	1.03	0.93	0.97	0.97	5.23	ppb
Lead	208-1	1.00	0.98	0.96	0.98	1.69	ppb
Lithium	6-1				98		%
Magnesium	24-2	515.75	491.41	492.29	499.82	2.76	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.21	0.68	1.08	0.99	27.53	ppb
Molybdenum	94-1	5.20	5.05	5.10	5.12	1.47	ppb
Molybdenum	95-1	5.18	4.87	5.02	5.02	3.06	ppb
Molybdenum	96-1	5.09	4.96	5.01	5.02	1.35	ppb
Molybdenum	97-1	5.08	4.98	5.04	5.03	0.97	ppb
Molybdenum	98-1	4.90	4.81	4.94	4.88	1.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.17	1.02	1.30	1.16	12.08	ppb
Phosphorus	31-2	2.76	3.02	-17.89	-4.04		ppb
Potassium	39-2	489.23	510.79	501.16	500.39	2.16	ppb
Rhodium	103-1				100		%
Rhodium	103-2				102		%
Scandium	45-1				100		%
Scandium	45-2				103		%
Selenium	77-2	1.73	-3.85	1.80	-0.11		ppb
Selenium	78-2	5.76	11.06	6.72	7.85	35.99	ppb
Selenium	82-1	4.69	5.18	5.70	5.19	9.70	ppb
Silicon	28-1	17.34	14.33	20.88	17.52	18.71	ppb
Silver	109-1	1.02	1.05	0.99	1.02	3.00	ppb
Silver	107-1	1.05	1.04	1.07	1.05	1.06	ppb
Sodium	23-2	521.66	536.12	532.65	530.14	1.42	ppb
Strontium	86-1	1.02	0.94	1.04	1.00	5.33	ppb
Strontium	88-1	1.03	0.98	1.06	1.02	3.77	ppb
Sulfur	34-1	-1807.75	-2045.40	-1129.47	-1660.88		ppb
Terbium	159-1				98		%
Terbium	159-2				101		%
Thallium	203-1	0.94	1.00	1.00	0.98	3.56	ppb
Thallium	205-1	1.00	0.99	0.98	0.99	1.12	ppb
Tin	118-1	4.83	4.73	6.94	5.50	22.72	ppb
Titanium	47-1	4.90	4.94	5.32	5.06	4.59	ppb
Uranium	238-1	0.93	0.91	0.93	0.92	1.57	ppb
Vanadium	51-2	4.85	4.81	4.94	4.87	1.37	ppb
Yttrium	89-1				99		%
Yttrium	89-2				102		%
Zinc	66-2	2.19	2.42	2.34	2.32	5.15	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.13	1.12	1.20	1.15	3.48	ppb
Zirconium	91-1	1.15	1.17	1.16	1.16	0.86	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	132.94	130.83	153.47	139.08	8.99	ppb
Antimony	121-1	1.98	1.95	2.07	2.00	3.20	ppb
Arsenic	75-2	12.07	11.40	12.77	12.08	5.66	ppb
Barium	135-1	254.16	249.53	258.74	254.14	1.81	ppb
Barium	137-1	255.56	254.40	260.86	256.94	1.34	ppb
Beryllium	9-1	0.00	0.05	0.01	0.02	119.34	ppb
Bismuth	209-1				96		%
Bismuth	209-2				89		%
Boron	10-1	181.44	181.98	188.08	183.84	2.01	ppb
Boron	11-1	179.60	183.61	189.29	184.17	2.64	ppb
Cadmium	111-1	0.20	-0.02	0.05	0.07	151.90	ppb
Cadmium	106-1	-0.75	-3.48	-1.80	-2.01		ppb
Cadmium	108-1	0.68	0.28	0.43	0.46	43.86	ppb
Calcium	43-1	119319.42	117301.50	124333.12	120318.01	3.01	ppb
Calcium	44-1	116378.49	116364.41	121514.64	118085.85	2.51	ppb
Chromium	52-2	108.59	109.45	108.88	108.97	0.40	ppb
Cobalt	59-2	2.46	2.54	2.39	2.46	3.16	ppb
Copper	63-2	6.90	6.97	7.20	7.02	2.21	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				95		%
Holmium	165-2				90		%
Indium	115-1				94		%
Indium	115-2				85		%
Iron	56-2	1963.85	2054.78	2005.66	2008.09	2.27	ppb
Iron	57-2	1922.82	2088.32	1979.03	1996.72	4.21	ppb
Krypton	83-1						cps
Lead	206-1	0.86	0.73	0.64	0.74	15.32	ppb
Lead	207-1	0.81	0.65	0.62	0.69	14.79	ppb
Lead	208-1	0.84	0.69	0.63	0.72	14.67	ppb
Lithium	6-1				130		%
Magnesium	24-2	18133.94	18768.33	18278.68	18393.65	1.81	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	682.40	704.69	696.88	694.66	1.63	ppb
Molybdenum	94-1	26.12	25.87	26.72	26.24	1.67	ppb
Molybdenum	95-1	35.12	35.74	36.61	35.82	2.09	ppb
Molybdenum	96-1	33.84	34.50	35.01	34.45	1.71	ppb
Molybdenum	97-1	36.55	36.31	36.77	36.54	0.62	ppb
Molybdenum	98-1	35.25	35.05	35.99	35.43	1.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	31.23	32.03	31.95	31.74	1.40	ppb
Phosphorus	31-2	79.61	32.96	82.76	65.11	42.83	ppb
Potassium	39-2	2336.30	2208.44	2136.36	2227.03	4.55	ppb
Rhodium	103-1				90		%
Rhodium	103-2				89		%
Scandium	45-1				91		%
Scandium	45-2				86		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.74	0.75	2.84	1.44	84.00	ppb
Selenium	82-1	0.41	0.13	-0.89	-0.12		ppb
Silicon	28-1	10516.03	10388.44	10861.10	10588.52	2.31	ppb
Silver	109-1	1.79	1.58	1.43	1.60	11.30	ppb
Silver	107-1	1.74	1.61	1.52	1.62	6.85	ppb
Sodium	23-2	41777.18	42230.36	41365.79	41791.11	1.03	ppb
Strontium	86-1	735.53	737.24	760.22	744.33	1.85	ppb
Strontium	88-1	731.05	736.77	757.80	741.87	1.90	ppb
Sulfur	34-1	18695.02	18316.56	19701.62	18904.40	3.79	ppb
Terbium	159-1				94		%
Terbium	159-2				89		%
Thallium	203-1	1.28	0.96	0.77	1.00	25.70	ppb
Thallium	205-1	1.29	1.00	0.81	1.03	23.46	ppb
Tin	118-1	7.48	7.10	7.08	7.22	3.09	ppb
Titanium	47-1	1.95	2.32	2.31	2.19	9.57	ppb
Uranium	238-1	0.77	0.76	0.83	0.79	4.77	ppb
Vanadium	51-2	1.83	2.03	1.85	1.90	5.87	ppb
Yttrium	89-1				92		%
Yttrium	89-2				86		%
Zinc	66-2	25.48	29.69	26.01	27.06	8.48	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.98	0.79	0.80	0.86	12.35	ppb
Zirconium	91-1	1.02	0.85	0.82	0.90	11.68	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	43.94	47.22	41.05	44.07	7.01	ppb
Antimony	121-1	1.63	1.85	1.85	1.78	7.32	ppb
Arsenic	75-2	7.87	7.41	7.77	7.69	3.15	ppb
Barium	135-1	251.05	247.54	248.28	248.96	0.74	ppb
Barium	137-1	253.44	251.41	251.21	252.02	0.49	ppb
Beryllium	9-1	0.01	-0.03	-0.04	-0.02		ppb
Bismuth	209-1				101		%
Bismuth	209-2				86		%
Boron	10-1	155.18	155.74	157.71	156.21	0.85	ppb
Boron	11-1	153.79	157.20	155.40	155.46	1.10	ppb
Cadmium	111-1	-0.11	-0.06	-0.07	-0.08		ppb
Cadmium	106-1	-2.45	-2.28	-1.69	-2.14		ppb
Cadmium	108-1	0.41	0.13	0.23	0.26	53.76	ppb
Calcium	43-1	121961.98	119570.49	120132.48	120554.98	1.04	ppb
Calcium	44-1	118056.64	117280.44	118075.64	117804.24	0.39	ppb
Chromium	52-2	35.59	37.05	38.12	36.92	3.44	ppb
Cobalt	59-2	1.86	1.84	1.88	1.86	1.07	ppb
Copper	63-2	6.59	7.14	7.90	7.21	9.16	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				88		%
Indium	115-1				96		%
Indium	115-2				82		%
Iron	56-2	1060.59	1094.80	1127.53	1094.31	3.06	ppb
Iron	57-2	1048.94	1083.58	1095.88	1076.13	2.26	ppb
Krypton	83-1						cps
Lead	206-1	0.32	0.33	0.34	0.33	4.00	ppb
Lead	207-1	0.31	0.28	0.29	0.29	6.74	ppb
Lead	208-1	0.31	0.32	0.31	0.31	1.60	ppb
Lithium	6-1				154		%
Magnesium	24-2	17778.38	18352.51	19003.05	18377.98	3.33	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	672.06	697.64	715.80	695.17	3.16	ppb
Molybdenum	94-1	25.20	25.45	25.56	25.40	0.73	ppb
Molybdenum	95-1	35.47	35.16	35.56	35.40	0.59	ppb
Molybdenum	96-1	33.31	33.88	33.73	33.64	0.88	ppb
Molybdenum	97-1	35.73	35.28	36.35	35.78	1.51	ppb
Molybdenum	98-1	35.46	35.05	35.82	35.44	1.08	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	13.49	14.69	14.97	14.38	5.46	ppb
Phosphorus	31-2	33.52	-17.89	9.68	8.44	304.97	ppb
Potassium	39-2	2002.21	2064.17	2213.24	2093.21	5.18	ppb
Rhodium	103-1				93		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				81		%
Selenium	77-2	-3.85	3.22	-3.85	-1.50		ppb
Selenium	78-2	0.79	0.80	0.81	0.80	1.15	ppb
Selenium	82-1	0.55	0.04	0.65	0.41	78.27	ppb
Silicon	28-1	10178.83	10123.53	10150.31	10150.89	0.27	ppb
Silver	109-1	0.58	0.51	0.51	0.53	7.04	ppb
Silver	107-1	0.59	0.55	0.52	0.55	6.98	ppb
Sodium	23-2	40280.86	41289.66	42513.00	41361.17	2.70	ppb
Strontium	86-1	744.33	726.97	735.34	735.55	1.18	ppb
Strontium	88-1	737.15	727.60	737.17	733.97	0.75	ppb
Sulfur	34-1	17869.46	17373.39	17280.51	17507.78	1.81	ppb
Terbium	159-1				100		%
Terbium	159-2				87		%
Thallium	203-1	0.09	0.15	0.11	0.12	23.35	ppb
Thallium	205-1	0.14	0.12	0.11	0.12	12.67	ppb
Tin	118-1	4.93	4.97	5.23	5.04	3.29	ppb
Titanium	47-1	1.23	1.16	1.42	1.27	10.68	ppb
Uranium	238-1	0.82	0.79	0.84	0.82	2.86	ppb
Vanadium	51-2	0.97	1.08	1.13	1.06	7.67	ppb
Yttrium	89-1				94		%
Yttrium	89-2				81		%
Zinc	66-2	21.19	23.13	21.92	22.08	4.44	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.39	0.39	0.40	3.88	ppb
Zirconium	91-1	0.43	0.46	0.42	0.43	4.34	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : J3535-08RE Instrumnet Name : P8
 Client Sample ID : KY037MW097-180613RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:52:18 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	102.76	97.78	93.83	98.12	4.56	ppb
Antimony	121-1	1.64	1.76	1.79	1.73	4.45	ppb
Arsenic	75-2	11.63	12.40	12.28	12.10	3.40	ppb
Barium	135-1	255.75	259.16	257.12	257.34	0.67	ppb
Barium	137-1	259.87	263.99	259.10	260.99	1.01	ppb
Beryllium	9-1	0.03	-0.01	0.00	0.01	244.20	ppb
Bismuth	209-1				102		%
Bismuth	209-2				86		%
Boron	10-1	150.75	149.66	149.96	150.12	0.37	ppb
Boron	11-1	150.37	153.29	149.54	151.06	1.30	ppb
Cadmium	111-1	-0.16	-0.17	-0.15	-0.16		ppb
Cadmium	106-1	-2.94	-3.46	-3.56	-3.32		ppb
Cadmium	108-1	0.30	0.10	0.20	0.20	50.30	ppb
Calcium	43-1	126553.49	125555.36	125007.02	125705.29	0.62	ppb
Calcium	44-1	123406.38	123456.05	122768.89	123210.44	0.31	ppb
Chromium	52-2	140.70	141.96	145.24	142.64	1.64	ppb
Cobalt	59-2	2.96	2.85	3.10	2.97	4.31	ppb
Copper	63-2	11.73	12.84	12.72	12.43	4.90	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				102		%
Holmium	165-2				87		%
Indium	115-1				96		%
Indium	115-2				80		%
Iron	56-2	2246.00	2299.54	2308.71	2284.75	1.48	ppb
Iron	57-2	2157.98	2253.46	2362.46	2257.97	4.53	ppb
Krypton	83-1						cps
Lead	206-1	0.36	0.34	0.36	0.35	3.38	ppb
Lead	207-1	0.33	0.34	0.34	0.34	1.90	ppb
Lead	208-1	0.36	0.35	0.34	0.35	3.23	ppb
Lithium	6-1				160		%
Magnesium	24-2	18650.82	18916.82	18846.86	18804.83	0.73	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : J3535-08RE Instrumnet Name : P8
 Client Sample ID : KY037MW097-180613RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:52:18 DataFile Name : 022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	718.42	733.88	740.66	730.99	1.56	ppb
Molybdenum	94-1	27.18	26.64	26.41	26.74	1.48	ppb
Molybdenum	95-1	37.81	37.78	38.07	37.88	0.42	ppb
Molybdenum	96-1	36.51	36.31	36.39	36.40	0.28	ppb
Molybdenum	97-1	37.86	37.99	37.56	37.80	0.58	ppb
Molybdenum	98-1	37.59	37.34	37.66	37.53	0.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	42.00	42.41	43.62	42.68	1.97	ppb
Phosphorus	31-2	172.14	-17.89	38.08	64.11	152.33	ppb
Potassium	39-2	2128.19	2054.82	2087.74	2090.25	1.76	ppb
Rhodium	103-1				93		%
Rhodium	103-2				86		%
Scandium	45-1				87		%
Scandium	45-2				78		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.81	-0.30	0.83	0.45	144.50	ppb
Selenium	82-1	0.71	1.42	0.63	0.92	47.52	ppb
Silicon	28-1	10619.35	10541.61	10446.14	10535.70	0.82	ppb
Silver	109-1	0.39	0.37	0.37	0.38	3.18	ppb
Silver	107-1	0.37	0.36	0.34	0.36	3.62	ppb
Sodium	23-2	42126.57	42447.49	43261.89	42611.98	1.37	ppb
Strontium	86-1	763.99	763.48	768.01	765.16	0.32	ppb
Strontium	88-1	761.84	772.65	757.29	763.93	1.03	ppb
Sulfur	34-1	18836.19	18690.71	17870.61	18465.84	2.82	ppb
Terbium	159-1				100		%
Terbium	159-2				87		%
Thallium	203-1	0.04	0.06	0.04	0.05	23.44	ppb
Thallium	205-1	0.05	0.03	0.05	0.04	18.84	ppb
Tin	118-1	4.40	4.73	4.54	4.56	3.64	ppb
Titanium	47-1	2.38	2.43	2.24	2.35	4.03	ppb
Uranium	238-1	0.88	0.86	0.87	0.87	1.11	ppb
Vanadium	51-2	1.95	1.74	2.22	1.97	12.27	ppb
Yttrium	89-1				92		%
Yttrium	89-2				80		%
Zinc	66-2	32.61	33.11	33.65	33.12	1.57	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08RE	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:52:18	DataFile Name :	022SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.46	0.42	0.43	0.43	5.48	ppb
Zirconium	91-1	0.45	0.46	0.40	0.44	7.96	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.83	37.17	42.89	38.96	8.74	ppb
Antimony	121-1	1.83	2.02	2.14	2.00	7.67	ppb
Arsenic	75-2	8.00	7.64	7.33	7.66	4.40	ppb
Barium	135-1	248.79	261.83	255.69	255.44	2.56	ppb
Barium	137-1	252.05	265.15	260.63	259.27	2.57	ppb
Beryllium	9-1	-0.02	-0.05	-0.04	-0.04		ppb
Bismuth	209-1				101		%
Bismuth	209-2				83		%
Boron	10-1	146.18	150.91	153.71	150.27	2.53	ppb
Boron	11-1	146.71	150.14	156.16	151.01	3.17	ppb
Cadmium	111-1	-0.16	-0.20	-0.10	-0.15		ppb
Cadmium	106-1	-3.04	-3.30	-2.31	-2.88		ppb
Cadmium	108-1	0.23	0.21	0.17	0.20	15.10	ppb
Calcium	43-1	122113.08	125860.08	128451.26	125474.81	2.54	ppb
Calcium	44-1	120060.40	124831.77	126912.91	123935.03	2.83	ppb
Chromium	52-2	65.11	64.92	67.58	65.87	2.25	ppb
Cobalt	59-2	2.16	2.02	2.07	2.08	3.39	ppb
Copper	63-2	10.60	10.30	11.44	10.78	5.48	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				101		%
Holmium	165-2				86		%
Indium	115-1				93		%
Indium	115-2				79		%
Iron	56-2	1255.80	1241.59	1274.51	1257.30	1.31	ppb
Iron	57-2	1251.02	1257.36	1264.03	1257.47	0.52	ppb
Krypton	83-1						cps
Lead	206-1	0.19	0.21	0.24	0.21	11.26	ppb
Lead	207-1	0.16	0.19	0.22	0.19	15.38	ppb
Lead	208-1	0.18	0.20	0.23	0.20	10.75	ppb
Lithium	6-1				157		%
Magnesium	24-2	18693.56	18560.27	19158.86	18804.23	1.67	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	708.21	692.18	716.49	705.63	1.75	ppb
Molybdenum	94-1	25.70	26.87	26.16	26.25	2.25	ppb
Molybdenum	95-1	36.21	37.91	38.07	37.40	2.76	ppb
Molybdenum	96-1	35.24	35.90	35.88	35.67	1.04	ppb
Molybdenum	97-1	37.20	37.24	38.37	37.60	1.77	ppb
Molybdenum	98-1	37.28	37.91	37.38	37.52	0.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	18.98	19.90	20.16	19.68	3.16	ppb
Phosphorus	31-2	10.35	38.27	10.85	19.82	80.61	ppb
Potassium	39-2	1982.85	2012.98	2190.08	2061.97	5.43	ppb
Rhodium	103-1				91		%
Rhodium	103-2				85		%
Scandium	45-1				85		%
Scandium	45-2				76		%
Selenium	77-2	-3.85	3.51	10.76	3.47	210.48	ppb
Selenium	78-2	1.96	-0.30	-0.30	0.45	286.90	ppb
Selenium	82-1	0.54	1.93	1.17	1.21	57.48	ppb
Silicon	28-1	10081.20	10524.38	10645.40	10417.00	2.85	ppb
Silver	109-1	0.23	0.25	0.27	0.25	8.73	ppb
Silver	107-1	0.21	0.27	0.25	0.24	13.11	ppb
Sodium	23-2	42893.87	41672.99	42382.95	42316.60	1.45	ppb
Strontium	86-1	766.33	765.75	765.21	765.76	0.07	ppb
Strontium	88-1	755.03	775.25	770.60	766.96	1.38	ppb
Sulfur	34-1	17547.16	19183.30	19839.69	18856.72	6.26	ppb
Terbium	159-1				99		%
Terbium	159-2				86		%
Thallium	203-1	0.02	0.02	0.02	0.02	14.70	ppb
Thallium	205-1	0.02	0.02	0.04	0.03	34.50	ppb
Tin	118-1	3.76	4.08	4.11	3.99	4.89	ppb
Titanium	47-1	1.81	1.89	1.89	1.86	2.65	ppb
Uranium	238-1	0.81	0.83	0.90	0.85	5.19	ppb
Vanadium	51-2	1.28	1.06	1.36	1.24	12.70	ppb
Yttrium	89-1				91		%
Yttrium	89-2				79		%
Zinc	66-2	24.15	24.22	25.48	24.62	3.03	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.40	0.33	0.28	0.34	16.57	ppb
Zirconium	91-1	0.40	0.38	0.26	0.35	22.65	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	Blank	Instrumnet Name :	P8
Client Sample ID :	Blank	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:06:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.79	-0.91	-0.47	-0.19		ppb
Antimony	121-1	0.03	0.04	0.03	0.03	11.87	ppb
Arsenic	75-2	-0.08	-0.01	-0.05	-0.05		ppb
Barium	135-1	-0.02	-0.04	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	-0.01	0.00	0.01	0.00		ppb
Bismuth	209-1				104		%
Bismuth	209-2				95		%
Boron	10-1	3.28	3.85	4.02	3.72	10.45	ppb
Boron	11-1	4.57	5.20	4.19	4.65	10.98	ppb
Cadmium	111-1	-0.12	-0.05	-0.15	-0.11		ppb
Cadmium	106-1	-1.57	-0.71	-1.91	-1.40		ppb
Cadmium	108-1	0.00	-0.07	0.00	-0.02		ppb
Calcium	43-1	3.35	-1.61	4.80	2.18	154.26	ppb
Calcium	44-1	-0.32	-0.35	0.84	0.06	1224.75	ppb
Chromium	52-2	0.21	0.11	0.20	0.17	32.18	ppb
Cobalt	59-2	-0.05	-0.04	-0.02	-0.04		ppb
Copper	63-2	0.75	0.59	0.60	0.65	14.18	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				105		%
Holmium	165-2				96		%
Indium	115-1				101		%
Indium	115-2				91		%
Iron	56-2	0.09	-0.03	-0.15	-0.03		ppb
Iron	57-2	1.47	-0.91	-0.46	0.03	3836.72	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.01	0.01	0.00	177.20	ppb
Lead	207-1	0.02	0.00	-0.01	0.00	906.98	ppb
Lead	208-1	0.00	0.00	0.00	0.00	376.54	ppb
Lithium	6-1				105		%
Magnesium	24-2	-0.76	-1.40	-1.28	-1.15		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	Blank	Instrumnet Name :	P8
Client Sample ID :	Blank	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:06:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.10	0.06	0.02	0.06	66.87	ppb
Molybdenum	94-1	-0.07	-0.05	-0.01	-0.04		ppb
Molybdenum	95-1	0.00	0.01	0.02	0.01	102.43	ppb
Molybdenum	96-1	-0.02	0.01	0.02	0.00	402.86	ppb
Molybdenum	97-1	0.02	0.03	0.02	0.02	20.06	ppb
Molybdenum	98-1	-0.01	-0.01	-0.01	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.08	0.01	0.07	0.05	75.60	ppb
Phosphorus	31-2	-17.89	-17.89	28.06	-2.58		ppb
Potassium	39-2	-11.92	-5.52	-22.85	-13.43		ppb
Rhodium	103-1				102		%
Rhodium	103-2				96		%
Scandium	45-1				98		%
Scandium	45-2				90		%
Selenium	77-2	-3.85	2.34	-3.85	-1.79		ppb
Selenium	78-2	-0.30	1.62	0.66	0.66	145.53	ppb
Selenium	82-1	0.66	0.67	0.58	0.63	7.70	ppb
Silicon	28-1	-10.11	-8.36	-10.65	-9.71		ppb
Silver	109-1	0.06	0.06	0.06	0.06	0.57	ppb
Silver	107-1	0.07	0.07	0.07	0.07	3.90	ppb
Sodium	23-2	0.82	-11.78	-9.37	-6.78		ppb
Strontium	86-1	0.00	0.06	0.10	0.05	86.72	ppb
Strontium	88-1	0.01	0.01	0.01	0.01	17.05	ppb
Sulfur	34-1	-2130.46	-1977.41	-2153.08	-2086.99		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.00	-0.01	-0.01	-0.01		ppb
Tin	118-1	-0.12	-0.11	-0.14	-0.12		ppb
Titanium	47-1	-0.04	0.03	0.06	0.02	282.17	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	-0.01	-0.01	-0.01		ppb
Yttrium	89-1				100		%
Yttrium	89-2				91		%
Zinc	66-2	0.68	0.10	0.04	0.27	130.09	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	Blank	Instrumnet Name :	P8
Client Sample ID :	Blank	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:06:09	DataFile Name :	024SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	0.01	0.01	0.00	151.02	ppb
Zirconium	91-1	-0.01	0.01	-0.01	0.00		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	53419.13	52066.76	52814.59	52766.83	1.28	ppb
Antimony	121-1	491.44	491.56	485.79	489.60	0.67	ppb
Arsenic	75-2	504.83	498.54	496.96	500.11	0.83	ppb
Barium	135-1	2511.12	2506.85	2451.61	2489.86	1.33	ppb
Barium	137-1	2492.37	2508.11	2460.59	2487.02	0.97	ppb
Beryllium	9-1	490.81	482.28	480.24	484.44	1.16	ppb
Bismuth	209-1				98		%
Bismuth	209-2				93		%
Boron	10-1	476.12	485.59	487.26	482.99	1.24	ppb
Boron	11-1	475.51	478.08	487.65	480.42	1.33	ppb
Cadmium	111-1	474.75	472.60	468.88	472.08	0.63	ppb
Cadmium	106-1	480.55	480.84	481.78	481.05	0.13	ppb
Cadmium	108-1	481.34	478.45	467.26	475.69	1.56	ppb
Calcium	43-1	246795.96	243601.23	242325.33	244240.84	0.94	ppb
Calcium	44-1	245168.89	243493.79	242777.33	243813.34	0.50	ppb
Chromium	52-2	523.11	516.07	526.99	522.06	1.06	ppb
Cobalt	59-2	511.71	505.55	511.62	509.63	0.69	ppb
Copper	63-2	995.95	987.41	1012.23	998.53	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				105		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				90		%
Iron	56-2	131379.26	130073.77	132598.52	131350.52	0.96	ppb
Iron	57-2	131522.11	130855.00	132921.00	131766.04	0.80	ppb
Krypton	83-1						cps
Lead	206-1	523.64	518.40	513.48	518.51	0.98	ppb
Lead	207-1	518.96	515.52	517.75	517.41	0.34	ppb
Lead	208-1	520.96	517.75	516.31	518.34	0.46	ppb
Lithium	6-1				101		%
Magnesium	24-2	258591.29	258574.50	259449.65	258871.81	0.19	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1019.58	1002.14	1022.75	1014.82	1.09	ppb
Molybdenum	94-1	2558.87	2532.09	2544.59	2545.18	0.53	ppb
Molybdenum	95-1	2551.04	2535.81	2530.21	2539.02	0.42	ppb
Molybdenum	96-1	2536.49	2508.07	2538.46	2527.67	0.67	ppb
Molybdenum	97-1	2564.29	2558.20	2559.41	2560.63	0.13	ppb
Molybdenum	98-1	2557.23	2533.79	2543.10	2544.71	0.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	521.36	521.06	528.27	523.56	0.78	ppb
Phosphorus	31-2	9782.42	9859.59	9882.16	9841.39	0.53	ppb
Potassium	39-2	126731.66	124818.63	126390.45	125980.24	0.81	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	454.92	459.54	461.26	458.57	0.71	ppb
Selenium	78-2	501.06	481.15	479.43	487.21	2.47	ppb
Selenium	82-1	490.36	493.45	492.59	492.13	0.32	ppb
Silicon	28-1	522.42	523.89	531.19	525.83	0.89	ppb
Silver	109-1	488.45	482.45	480.90	483.94	0.82	ppb
Silver	107-1	486.93	484.18	484.66	485.26	0.30	ppb
Sodium	23-2	256726.09	256114.38	259669.59	257503.35	0.74	ppb
Strontium	86-1	496.55	496.38	497.07	496.67	0.07	ppb
Strontium	88-1	506.11	501.40	502.57	503.36	0.49	ppb
Sulfur	34-1	11983.26	11705.62	11898.30	11862.39	1.20	ppb
Terbium	159-1				103		%
Terbium	159-2				97		%
Thallium	203-1	518.23	524.91	511.87	518.34	1.26	ppb
Thallium	205-1	512.51	517.60	508.87	512.99	0.85	ppb
Tin	118-1	497.50	496.86	495.81	496.72	0.17	ppb
Titanium	47-1	2578.67	2543.34	2568.96	2563.66	0.71	ppb
Uranium	238-1	521.43	524.66	525.35	523.81	0.40	ppb
Vanadium	51-2	506.36	503.20	509.61	506.39	0.63	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1000.65	991.39	998.61	996.88	0.49	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	508.92	510.76	507.63	509.10	0.31	ppb
Zirconium	91-1	499.26	497.26	497.15	497.89	0.24	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:18:30	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.42	-2.37	-0.51	-0.15		ppb
Antimony	121-1	0.25	0.26	0.31	0.27	11.27	ppb
Arsenic	75-2	-0.08	-0.01	-0.05	-0.05		ppb
Barium	135-1	-0.04	-0.01	0.00	-0.02		ppb
Barium	137-1	0.00	-0.02	-0.01	-0.01		ppb
Beryllium	9-1	0.06	0.03	-0.02	0.02	188.08	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	4.89	4.31	5.92	5.04	16.16	ppb
Boron	11-1	6.04	5.53	5.50	5.69	5.33	ppb
Cadmium	111-1	-0.13	-0.14	-0.15	-0.14		ppb
Cadmium	106-1	-1.64	-2.01	-2.08	-1.91		ppb
Cadmium	108-1	0.03	0.03	0.00	0.02	90.61	ppb
Calcium	43-1	-7.22	0.84	0.11	-2.09		ppb
Calcium	44-1	-5.81	-3.25	-4.92	-4.66		ppb
Chromium	52-2	0.02	0.13	0.03	0.06	98.47	ppb
Cobalt	59-2	-0.02	-0.05	-0.03	-0.03		ppb
Copper	63-2	0.35	0.24	0.22	0.27	25.60	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				98		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	1.14	0.66	0.79	0.86	28.79	ppb
Iron	57-2	1.07	-0.50	1.94	0.84	147.42	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	207-1	-0.02	0.01	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	0.00	0.00		ppb
Lithium	6-1				103		%
Magnesium	24-2	5.00	-0.43	3.65	2.74	103.04	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:18:30	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.09	0.03	0.12	0.08	52.39	ppb
Molybdenum	94-1	0.18	0.27	0.25	0.23	19.24	ppb
Molybdenum	95-1	0.20	0.20	0.14	0.18	20.43	ppb
Molybdenum	96-1	0.23	0.15	0.15	0.18	23.65	ppb
Molybdenum	97-1	0.22	0.17	0.18	0.19	16.35	ppb
Molybdenum	98-1	0.21	0.20	0.16	0.19	11.37	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.07	0.02	-0.01		ppb
Phosphorus	31-2	51.52	-17.89	4.61	12.75	277.89	ppb
Potassium	39-2	-34.80	-10.89	-19.55	-21.75		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				94		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	82-1	0.69	0.28	-0.02	0.32	112.17	ppb
Silicon	28-1	-6.71	-4.83	-4.61	-5.38		ppb
Silver	109-1	0.04	0.03	0.04	0.04	14.99	ppb
Silver	107-1	0.04	0.05	0.05	0.05	14.15	ppb
Sodium	23-2	-10.89	-8.10	-10.76	-9.92		ppb
Strontium	86-1	-0.05	0.09	-0.02	0.01	1121.77	ppb
Strontium	88-1	0.01	0.01	0.00	0.00	38.35	ppb
Sulfur	34-1	-2036.21	-1818.47	-1805.85	-1886.84		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.03	0.03	13.10	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	29.07	ppb
Tin	118-1	-0.04	0.01	-0.06	-0.03		ppb
Titanium	47-1	0.01	0.04	-0.01	0.01	190.80	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	0.00	-0.02	-0.01		ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	-0.05	0.32	0.48	0.25	107.59	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:18:30	DataFile Name :	026CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.09	0.06	0.08	21.32	ppb
Zirconium	91-1	0.10	0.07	0.07	0.08	23.52	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1771.98	1673.69	1715.86	1720.51	2.87	ppb
Antimony	121-1	404.61	407.00	414.07	408.56	1.20	ppb
Arsenic	75-2	140.71	136.34	133.38	136.81	2.69	ppb
Barium	135-1	1613.58	1638.23	1653.22	1635.01	1.22	ppb
Barium	137-1	1591.04	1626.92	1645.52	1621.16	1.71	ppb
Beryllium	9-1	249.91	252.53	258.87	253.77	1.82	ppb
Bismuth	209-1				100		%
Bismuth	209-2				96		%
Boron	10-1	771.89	799.76	848.84	806.83	4.83	ppb
Boron	11-1	752.04	788.84	822.49	787.79	4.47	ppb
Cadmium	111-1	224.69	230.40	234.08	229.72	2.06	ppb
Cadmium	106-1	193.49	195.82	196.11	195.14	0.73	ppb
Cadmium	108-1	204.47	212.06	211.90	209.48	2.07	ppb
Calcium	43-1	47.79	46.43	40.29	44.84	8.91	ppb
Calcium	44-1	15.72	13.33	16.18	15.07	10.15	ppb
Chromium	52-2	141.04	133.21	131.75	135.33	3.69	ppb
Cobalt	59-2	582.95	546.63	543.51	557.70	3.93	ppb
Copper	63-2	696.71	654.80	645.34	665.61	4.11	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				96		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	2279.53	2133.13	2106.11	2172.92	4.29	ppb
Iron	57-2	2204.72	2095.80	2026.01	2108.84	4.27	ppb
Krypton	83-1						cps
Lead	206-1	1352.02	1370.91	1382.32	1368.42	1.12	ppb
Lead	207-1	1246.24	1252.09	1294.93	1264.42	2.10	ppb
Lead	208-1	1304.51	1316.44	1345.55	1322.17	1.60	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.84	0.77	-1.81	1.27	264.98	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1328.87	1237.86	1233.14	1266.62	4.26	ppb
Molybdenum	94-1	0.23	0.25	0.34	0.27	20.11	ppb
Molybdenum	95-1	0.05	0.08	0.04	0.06	36.91	ppb
Molybdenum	96-1	0.20	0.21	0.22	0.21	5.43	ppb
Molybdenum	97-1	0.07	0.06	0.07	0.06	12.30	ppb
Molybdenum	98-1	0.07	0.05	0.07	0.06	18.14	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1262.26	1186.15	1168.97	1205.79	4.12	ppb
Phosphorus	31-2	-17.89	-17.89	-17.89	-17.89		ppb
Potassium	39-2	-8.96	9.51	-25.41	-8.29		ppb
Rhodium	103-1				98		%
Rhodium	103-2				95		%
Scandium	45-1				94		%
Scandium	45-2				94		%
Selenium	77-2	893.40	757.77	627.00	759.39	17.54	ppb
Selenium	78-2	713.58	672.83	686.68	691.03	3.00	ppb
Selenium	82-1	699.63	698.37	717.89	705.30	1.55	ppb
Silicon	28-1	62.58	59.79	65.75	62.71	4.75	ppb
Silver	109-1	837.21	862.17	868.64	856.00	1.94	ppb
Silver	107-1	832.14	853.66	875.68	853.82	2.55	ppb
Sodium	23-2	-5.31	-10.51	-12.66	-9.49		ppb
Strontium	86-1	130.61	130.55	132.67	131.28	0.92	ppb
Strontium	88-1	135.23	135.48	138.45	136.39	1.31	ppb
Sulfur	34-1	-1607.95	-1795.53	-1341.18	-1581.55		ppb
Terbium	159-1				99		%
Terbium	159-2				96		%
Thallium	203-1	703.29	721.34	723.25	715.96	1.54	ppb
Thallium	205-1	697.62	712.28	711.59	707.16	1.17	ppb
Tin	118-1	-0.12	-0.11	-0.14	-0.12		ppb
Titanium	47-1	0.01	0.07	0.07	0.05	68.80	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	37.06	ppb
Vanadium	51-2	455.98	429.48	425.05	436.84	3.83	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	990.27	928.50	911.82	943.53	4.38	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.12	0.13	0.12	5.76	ppb
Zirconium	91-1	0.12	0.21	0.15	0.16	27.50	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.48	2.23	5.09	2.28	122.06	ppb
Antimony	121-1	0.13	0.12	0.13	0.13	7.03	ppb
Arsenic	75-2	0.01	-0.01	-0.03	-0.01		ppb
Barium	135-1	0.39	0.31	0.32	0.34	12.45	ppb
Barium	137-1	0.34	0.33	0.35	0.34	2.49	ppb
Beryllium	9-1	0.12	0.11	0.06	0.09	29.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				97		%
Boron	10-1	50.33	49.75	41.29	47.12	10.74	ppb
Boron	11-1	50.21	45.28	44.34	46.61	6.77	ppb
Cadmium	111-1	-0.04	-0.21	-0.17	-0.14		ppb
Cadmium	106-1	-1.43	-3.00	-2.60	-2.34		ppb
Cadmium	108-1	-0.03	0.13	0.24	0.11	121.86	ppb
Calcium	43-1	76914.44	77697.42	77988.00	77533.29	0.72	ppb
Calcium	44-1	75675.24	75816.84	76995.74	76162.61	0.95	ppb
Chromium	52-2	0.19	0.18	0.23	0.20	14.92	ppb
Cobalt	59-2	-0.01	-0.01	-0.01	-0.01		ppb
Copper	63-2	0.23	0.24	0.20	0.22	9.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				98		%
Indium	115-1				97		%
Indium	115-2				95		%
Iron	56-2	2.80	3.15	3.24	3.06	7.57	ppb
Iron	57-2	7.01	6.22	5.86	6.36	9.22	ppb
Krypton	83-1						cps
Lead	206-1	0.15	0.17	0.14	0.15	8.77	ppb
Lead	207-1	0.14	0.09	0.11	0.11	24.42	ppb
Lead	208-1	0.13	0.12	0.11	0.12	9.68	ppb
Lithium	6-1				101		%
Magnesium	24-2	8802.59	8474.28	8646.57	8641.15	1.90	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.45	0.38	0.34	0.39	14.60	ppb
Molybdenum	94-1	0.12	0.12	0.14	0.13	11.36	ppb
Molybdenum	95-1	0.02	0.05	0.05	0.04	35.25	ppb
Molybdenum	96-1	0.08	0.07	0.04	0.06	30.50	ppb
Molybdenum	97-1	0.01	0.01	0.01	0.01	27.35	ppb
Molybdenum	98-1	0.02	0.01	0.04	0.02	57.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.00	-0.04	0.02	327.35	ppb
Phosphorus	31-2	4.99	48.69	-17.89	11.93	283.57	ppb
Potassium	39-2	13770.24	13370.60	13597.20	13579.35	1.48	ppb
Rhodium	103-1				97		%
Rhodium	103-2				97		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	2.26	-3.85	-3.85	-1.82		ppb
Selenium	78-2	1.60	0.62	0.66	0.96	57.64	ppb
Selenium	82-1	-0.19	0.49	0.02	0.10	339.26	ppb
Silicon	28-1	40.24	40.17	42.82	41.08	3.67	ppb
Silver	109-1	0.05	0.04	0.05	0.05	7.02	ppb
Silver	107-1	0.06	0.06	0.05	0.06	11.05	ppb
Sodium	23-2	59023.75	57047.17	58458.90	58176.60	1.75	ppb
Strontium	86-1	22.13	21.67	22.68	22.16	2.29	ppb
Strontium	88-1	22.69	22.42	23.08	22.73	1.46	ppb
Sulfur	34-1	-1313.44	-1099.25	-950.00	-1120.90		ppb
Terbium	159-1				100		%
Terbium	159-2				98		%
Thallium	203-1	0.09	0.10	0.07	0.09	17.60	ppb
Thallium	205-1	0.12	0.10	0.09	0.10	17.18	ppb
Tin	118-1	-0.12	-0.11	-0.11	-0.11		ppb
Titanium	47-1	0.22	0.17	0.22	0.20	16.11	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	12.75	ppb
Vanadium	51-2	0.03	0.02	0.01	0.02	37.47	ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	0.00	0.11	-0.34	-0.08		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.07	0.06	0.07	12.21	ppb
Zirconium	91-1	0.12	0.07	0.10	0.09	28.36	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	45.39	59.16	51.24	51.93	13.31	ppb
Antimony	121-1	0.07	0.09	0.09	0.08	13.08	ppb
Arsenic	75-2	-0.05	-0.05	-0.03	-0.05		ppb
Barium	135-1	0.12	0.08	0.08	0.09	24.63	ppb
Barium	137-1	0.06	0.11	0.11	0.09	30.93	ppb
Beryllium	9-1	0.08	0.03	0.01	0.04	83.31	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	147.97	159.70	152.22	153.30	3.87	ppb
Boron	11-1	148.96	149.21	150.71	149.63	0.63	ppb
Cadmium	111-1	-0.18	-0.07	-0.19	-0.14		ppb
Cadmium	106-1	-2.48	-1.35	-2.39	-2.08		ppb
Cadmium	108-1	1.55	1.06	1.41	1.34	18.80	ppb
Calcium	43-1	-3.36	-5.60	-5.40	-4.79		ppb
Calcium	44-1	-4.69	-1.03	-5.24	-3.65		ppb
Chromium	52-2	0.04	0.14	0.05	0.08	73.66	ppb
Cobalt	59-2	0.06	0.05	0.05	0.06	13.42	ppb
Copper	63-2	0.16	0.13	0.15	0.15	10.77	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				102		%
Holmium	165-2				100		%
Indium	115-1				97		%
Indium	115-2				91		%
Iron	56-2	1.26	0.89	0.95	1.03	19.50	ppb
Iron	57-2	-0.04	3.50	1.98	1.82	97.93	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.13	0.12	0.12	2.49	ppb
Lead	207-1	0.08	0.10	0.12	0.10	19.91	ppb
Lead	208-1	0.10	0.10	0.12	0.11	14.56	ppb
Lithium	6-1				102		%
Magnesium	24-2	4.22	0.94	-1.06	1.37	194.72	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	0.11	-0.03	-0.01		ppb
Molybdenum	94-1	165.92	165.45	163.96	165.11	0.62	ppb
Molybdenum	95-1	233.32	232.43	231.76	232.51	0.34	ppb
Molybdenum	96-1	224.63	223.80	223.16	223.86	0.33	ppb
Molybdenum	97-1	235.16	232.90	233.04	233.70	0.54	ppb
Molybdenum	98-1	234.01	230.95	231.81	232.25	0.68	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.47	0.24	0.33	36.11	ppb
Phosphorus	31-2	4.49	-17.89	4.80	-2.87		ppb
Potassium	39-2	-28.36	-3.82	-21.11	-17.76		ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				95		%
Scandium	45-2				95		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.63	1.58	2.55	1.59	60.43	ppb
Selenium	82-1	0.52	1.01	0.84	0.79	31.79	ppb
Silicon	28-1	1230.29	1255.55	1230.92	1238.92	1.16	ppb
Silver	109-1	0.04	0.04	0.05	0.05	13.93	ppb
Silver	107-1	0.05	0.04	0.06	0.05	20.07	ppb
Sodium	23-2	104.21	112.19	114.53	110.31	4.90	ppb
Strontium	86-1	0.04	0.08	-0.05	0.02	292.25	ppb
Strontium	88-1	0.02	0.03	0.02	0.02	24.37	ppb
Sulfur	34-1	-846.27	-575.53	-1143.67	-855.16		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.05	0.05	0.05	0.05	3.00	ppb
Thallium	205-1	0.06	0.05	0.04	0.05	12.47	ppb
Tin	118-1	1923.78	1950.55	1905.41	1926.58	1.18	ppb
Titanium	47-1	67.70	68.76	67.70	68.06	0.90	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00		ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	-0.50	-0.63	-0.43	-0.52		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	2.66	2.33	2.08	2.36	12.28	ppb
Zirconium	91-1	2.39	2.13	2.03	2.18	8.42	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	957.54	881.93	877.62	905.70	4.96	ppb
Antimony	121-1	31.95	32.65	33.28	32.63	2.04	ppb
Arsenic	75-2	29.90	32.15	32.69	31.58	4.68	ppb
Barium	135-1	1103.84	1101.34	1116.13	1107.10	0.71	ppb
Barium	137-1	1110.00	1092.07	1111.52	1104.53	0.98	ppb
Beryllium	9-1	9.02	8.82	9.29	9.04	2.58	ppb
Bismuth	209-1				103		%
Bismuth	209-2				98		%
Boron	10-1	955.33	978.97	1019.55	984.62	3.30	ppb
Boron	11-1	938.83	976.83	1002.42	972.70	3.29	ppb
Cadmium	111-1	18.37	17.55	18.57	18.16	2.96	ppb
Cadmium	106-1	13.55	12.84	15.19	13.86	8.70	ppb
Cadmium	108-1	17.94	17.27	17.38	17.53	2.06	ppb
Calcium	43-1	7.77	7.40	-0.17	5.00	89.70	ppb
Calcium	44-1	-8.11	-9.13	-9.10	-8.78		ppb
Chromium	52-2	169.99	173.27	174.46	172.57	1.34	ppb
Cobalt	59-2	-0.02	-0.01	-0.02	-0.02		ppb
Copper	63-2	102.36	103.77	103.95	103.36	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				104		%
Holmium	165-2				98		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	1766.19	1787.01	1810.20	1787.80	1.23	ppb
Iron	57-2	1736.30	1796.73	1759.45	1764.16	1.73	ppb
Krypton	83-1						cps
Lead	206-1	44.49	43.19	44.94	44.21	2.06	ppb
Lead	207-1	42.57	41.80	43.04	42.47	1.47	ppb
Lead	208-1	43.75	42.86	44.17	43.59	1.53	ppb
Lithium	6-1				103		%
Magnesium	24-2	-0.83	-1.23	0.47	-0.53		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	228.31	228.31	230.47	229.03	0.54	ppb
Molybdenum	94-1	65.62	65.72	66.84	66.06	1.03	ppb
Molybdenum	95-1	94.27	95.09	95.33	94.90	0.58	ppb
Molybdenum	96-1	90.60	89.30	91.89	90.60	1.43	ppb
Molybdenum	97-1	95.95	95.54	96.38	95.96	0.44	ppb
Molybdenum	98-1	94.97	92.49	94.96	94.14	1.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	205.93	214.11	211.41	210.48	1.98	ppb
Phosphorus	31-2	4.56	5.24	-17.89	-2.70		ppb
Potassium	39-2	-30.89	-26.00	-17.49	-24.79		ppb
Rhodium	103-1				101		%
Rhodium	103-2				98		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	105.54	32.85	69.37	69.25	52.48	ppb
Selenium	78-2	63.73	70.77	75.33	69.94	8.36	ppb
Selenium	82-1	73.34	71.62	75.56	73.51	2.69	ppb
Silicon	28-1	119.20	117.27	121.39	119.29	1.73	ppb
Silver	109-1	212.98	210.10	209.24	210.77	0.93	ppb
Silver	107-1	206.30	208.13	207.80	207.41	0.47	ppb
Sodium	23-2	7.86	20.93	15.25	14.68	44.64	ppb
Strontium	86-1	0.29	0.24	0.25	0.26	9.78	ppb
Strontium	88-1	0.29	0.29	0.28	0.29	2.61	ppb
Sulfur	34-1	-1433.34	-1778.52	-1741.92	-1651.26		ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	6.26	6.15	6.35	6.25	1.61	ppb
Thallium	205-1	6.22	6.07	6.47	6.25	3.23	ppb
Tin	118-1	0.63	0.57	1.05	0.75	35.43	ppb
Titanium	47-1	1.47	1.26	1.49	1.41	9.12	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	694.11	707.79	709.68	703.86	1.21	ppb
Yttrium	89-1				100		%
Yttrium	89-2				94		%
Zinc	66-2	1378.77	1398.74	1427.22	1401.58	1.74	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.08	0.08	0.07	0.08	2.36	ppb
Zirconium	91-1	0.11	0.05	0.12	0.09	37.04	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.51	4.23	6.50	5.41	21.06	ppb
Antimony	121-1	0.33	0.24	0.28	0.28	16.53	ppb
Arsenic	75-2	0.05	0.03	-0.05	0.01	537.73	ppb
Barium	135-1	0.38	0.26	0.28	0.31	19.88	ppb
Barium	137-1	0.37	0.31	0.31	0.33	11.38	ppb
Beryllium	9-1	0.03	0.00	-0.01	0.01	259.49	ppb
Bismuth	209-1				100		%
Bismuth	209-2				97		%
Boron	10-1	60.75	55.70	56.27	57.57	4.80	ppb
Boron	11-1	58.43	55.50	54.22	56.05	3.85	ppb
Cadmium	111-1	-0.13	-0.05	-0.06	-0.08		ppb
Cadmium	106-1	-1.97	-0.90	-0.94	-1.27		ppb
Cadmium	108-1	0.00	0.10	0.16	0.09	97.30	ppb
Calcium	43-1	76708.10	77616.52	78444.26	77589.63	1.12	ppb
Calcium	44-1	74586.81	75227.84	76878.30	75564.32	1.56	ppb
Chromium	52-2	0.08	0.28	0.09	0.15	75.48	ppb
Cobalt	59-2	-0.02	-0.02	-0.01	-0.02		ppb
Copper	63-2	0.13	0.10	0.16	0.13	23.32	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	2.98	3.14	2.36	2.83	14.47	ppb
Iron	57-2	6.29	4.47	6.37	5.71	18.79	ppb
Krypton	83-1						cps
Lead	206-1	0.12	0.11	0.11	0.11	8.74	ppb
Lead	207-1	0.09	0.09	0.06	0.08	17.28	ppb
Lead	208-1	0.09	0.08	0.07	0.08	12.95	ppb
Lithium	6-1				102		%
Magnesium	24-2	8561.06	8887.42	8792.67	8747.05	1.92	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.32	0.21	0.32	0.28	23.14	ppb
Molybdenum	94-1	0.02	0.06	0.14	0.07	86.51	ppb
Molybdenum	95-1	0.09	0.09	0.08	0.09	2.94	ppb
Molybdenum	96-1	0.07	0.10	0.09	0.09	16.65	ppb
Molybdenum	97-1	0.06	0.10	0.11	0.09	28.06	ppb
Molybdenum	98-1	0.08	0.07	0.10	0.08	18.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.05	0.02	0.07	0.01	440.15	ppb
Phosphorus	31-2	4.47	50.41	-17.89	12.33	282.47	ppb
Potassium	39-2	13404.21	13797.35	13558.51	13586.69	1.46	ppb
Rhodium	103-1				99		%
Rhodium	103-2				98		%
Scandium	45-1				98		%
Scandium	45-2				95		%
Selenium	77-2	-3.85	2.23	-3.85	-1.82		ppb
Selenium	78-2	0.63	-0.30	-0.30	0.01	5418.88	ppb
Selenium	82-1	-0.15	-0.65	0.16	-0.21		ppb
Silicon	28-1	39.02	39.32	40.71	39.68	2.27	ppb
Silver	109-1	0.03	0.03	0.03	0.03	7.05	ppb
Silver	107-1	0.03	0.04	0.03	0.03	16.17	ppb
Sodium	23-2	57796.05	58791.67	58351.22	58312.98	0.86	ppb
Strontium	86-1	22.10	21.55	22.53	22.06	2.23	ppb
Strontium	88-1	22.48	22.53	23.01	22.67	1.29	ppb
Sulfur	34-1	-1463.92	-1011.01	-712.82	-1062.58		ppb
Terbium	159-1				102		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.03	0.05	0.03	33.41	ppb
Thallium	205-1	0.03	0.03	0.04	0.03	18.27	ppb
Tin	118-1	0.00	0.42	-0.02	0.13	183.57	ppb
Titanium	47-1	0.18	0.21	0.16	0.18	11.62	ppb
Uranium	238-1	0.03	0.04	0.04	0.04	13.58	ppb
Vanadium	51-2	0.04	0.01	0.03	0.03	48.79	ppb
Yttrium	89-1				99		%
Yttrium	89-2				96		%
Zinc	66-2	-0.44	-0.09	-0.08	-0.20		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.04	18.28	ppb
Zirconium	91-1	0.03	0.05	0.03	0.04	27.63	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	42.63	50.61	53.27	48.83	11.34	ppb
Antimony	121-1	0.12	0.10	0.10	0.11	11.56	ppb
Arsenic	75-2	-0.03	-0.05	-0.05	-0.05		ppb
Barium	135-1	0.11	0.08	0.08	0.09	18.14	ppb
Barium	137-1	0.05	0.10	0.12	0.09	41.58	ppb
Beryllium	9-1	-0.01	0.01	-0.05	-0.02		ppb
Bismuth	209-1				103		%
Bismuth	209-2				100		%
Boron	10-1	150.61	159.19	154.36	154.72	2.78	ppb
Boron	11-1	148.91	155.31	151.11	151.78	2.14	ppb
Cadmium	111-1	-0.07	-0.22	-0.10	-0.13		ppb
Cadmium	106-1	-1.07	-3.27	-1.70	-2.02		ppb
Cadmium	108-1	1.48	1.82	1.02	1.44	28.13	ppb
Calcium	43-1	3.85	-3.44	0.34	0.25	1481.27	ppb
Calcium	44-1	-4.51	-5.62	-7.99	-6.04		ppb
Chromium	52-2	0.19	0.06	0.03	0.09	89.85	ppb
Cobalt	59-2	0.04	0.07	0.05	0.05	29.43	ppb
Copper	63-2	0.15	0.05	0.11	0.10	49.38	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				104		%
Holmium	165-2				100		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	0.76	1.10	0.87	0.91	18.97	ppb
Iron	57-2	2.12	-0.03	2.98	1.69	91.89	ppb
Krypton	83-1						cps
Lead	206-1	0.13	0.09	0.08	0.10	27.49	ppb
Lead	207-1	0.08	0.09	0.10	0.09	13.74	ppb
Lead	208-1	0.09	0.08	0.08	0.08	5.23	ppb
Lithium	6-1				103		%
Magnesium	24-2	1.50	0.75	-2.65	-0.13		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.02	-0.02	0.04	0.01	211.44	ppb
Molybdenum	94-1	164.26	163.37	160.47	162.70	1.22	ppb
Molybdenum	95-1	231.61	229.60	226.89	229.37	1.03	ppb
Molybdenum	96-1	222.76	222.18	219.34	221.43	0.83	ppb
Molybdenum	97-1	233.37	232.78	229.50	231.88	0.90	ppb
Molybdenum	98-1	230.31	232.29	226.90	229.83	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.43	0.24	0.29	0.32	32.43	ppb
Phosphorus	31-2	-17.89	4.54	4.87	-2.83		ppb
Potassium	39-2	-16.12	-21.92	-23.73	-20.59		ppb
Rhodium	103-1				101		%
Rhodium	103-2				100		%
Scandium	45-1				98		%
Scandium	45-2				94		%
Selenium	77-2	-3.85	-3.85	2.13	-1.86		ppb
Selenium	78-2	0.64	1.58	0.63	0.95	57.36	ppb
Selenium	82-1	0.22	-0.17	0.22	0.09	254.21	ppb
Silicon	28-1	1230.98	1226.61	1187.77	1215.12	1.96	ppb
Silver	109-1	0.04	0.03	0.03	0.03	16.12	ppb
Silver	107-1	0.04	0.02	0.03	0.03	22.95	ppb
Sodium	23-2	115.15	113.32	115.90	114.79	1.16	ppb
Strontium	86-1	0.06	0.07	0.03	0.05	38.50	ppb
Strontium	88-1	0.02	0.02	0.02	0.02	3.73	ppb
Sulfur	34-1	-951.82	-1175.33	-1827.96	-1318.37		ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.04	0.03	0.03	58.30	ppb
Thallium	205-1	0.02	0.03	0.02	0.03	16.89	ppb
Tin	118-1	1897.16	1934.82	1889.59	1907.19	1.27	ppb
Titanium	47-1	66.79	67.94	65.25	66.66	2.02	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.01	0.01	-0.01	0.00	1034.06	ppb
Yttrium	89-1				100		%
Yttrium	89-2				95		%
Zinc	66-2	-0.46	-0.20	-0.36	-0.34		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.67	1.67	1.55	1.63	4.29	ppb
Zirconium	91-1	1.56	1.57	1.41	1.51	5.70	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1749.42	1686.31	1681.17	1705.63	2.23	ppb
Antimony	121-1	402.98	404.79	399.23	402.33	0.71	ppb
Arsenic	75-2	138.15	133.71	132.01	134.62	2.35	ppb
Barium	135-1	1627.50	1650.65	1610.89	1629.68	1.23	ppb
Barium	137-1	1589.87	1643.16	1589.90	1607.64	1.91	ppb
Beryllium	9-1	251.89	254.47	250.08	252.14	0.88	ppb
Bismuth	209-1				102		%
Bismuth	209-2				98		%
Boron	10-1	776.48	836.06	824.76	812.43	3.90	ppb
Boron	11-1	766.89	808.03	820.40	798.44	3.51	ppb
Cadmium	111-1	228.79	230.18	225.86	228.28	0.97	ppb
Cadmium	106-1	194.57	198.42	197.00	196.66	0.99	ppb
Cadmium	108-1	210.47	213.25	203.34	209.02	2.44	ppb
Calcium	43-1	34.95	44.64	46.47	42.02	14.74	ppb
Calcium	44-1	9.49	8.72	10.40	9.53	8.79	ppb
Chromium	52-2	134.18	134.75	132.62	133.85	0.82	ppb
Cobalt	59-2	563.26	558.85	545.42	555.84	1.67	ppb
Copper	63-2	676.12	664.22	653.43	664.59	1.71	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				103		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				95		%
Iron	56-2	2183.71	2176.98	2135.97	2165.55	1.19	ppb
Iron	57-2	2131.75	2171.03	2085.17	2129.32	2.02	ppb
Krypton	83-1						cps
Lead	206-1	1368.19	1367.04	1350.87	1362.03	0.71	ppb
Lead	207-1	1250.93	1280.02	1237.49	1256.15	1.73	ppb
Lead	208-1	1316.46	1334.73	1305.87	1319.02	1.11	ppb
Lithium	6-1				102		%
Magnesium	24-2	-2.60	0.24	-1.79	-1.38		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1285.21	1277.42	1250.69	1271.11	1.42	ppb
Molybdenum	94-1	0.13	0.15	0.20	0.16	23.10	ppb
Molybdenum	95-1	0.05	0.08	0.08	0.07	22.61	ppb
Molybdenum	96-1	0.21	0.14	0.18	0.18	19.47	ppb
Molybdenum	97-1	0.07	0.04	0.06	0.06	21.40	ppb
Molybdenum	98-1	0.03	0.06	0.05	0.05	25.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1219.72	1204.26	1185.80	1203.26	1.41	ppb
Phosphorus	31-2	5.02	4.83	4.55	4.80	5.02	ppb
Potassium	39-2	-26.90	-20.25	-29.77	-25.64		ppb
Rhodium	103-1				100		%
Rhodium	103-2				98		%
Scandium	45-1				96		%
Scandium	45-2				95		%
Selenium	77-2	589.92	727.78	768.57	695.43	13.46	ppb
Selenium	78-2	710.42	630.11	694.13	678.22	6.26	ppb
Selenium	82-1	691.41	712.43	706.60	703.48	1.54	ppb
Silicon	28-1	59.58	57.39	61.61	59.53	3.55	ppb
Silver	109-1	852.68	848.86	841.03	847.53	0.70	ppb
Silver	107-1	846.99	851.95	840.33	846.42	0.69	ppb
Sodium	23-2	-14.35	-17.67	-13.04	-15.02		ppb
Strontium	86-1	130.12	132.46	133.18	131.92	1.21	ppb
Strontium	88-1	135.33	135.39	135.85	135.52	0.21	ppb
Sulfur	34-1	-1365.86	-1868.08	-1126.48	-1453.47		ppb
Terbium	159-1				102		%
Terbium	159-2				98		%
Thallium	203-1	710.38	727.52	709.78	715.89	1.41	ppb
Thallium	205-1	710.43	709.60	695.78	705.27	1.17	ppb
Tin	118-1	0.31	0.25	0.27	0.28	11.55	ppb
Titanium	47-1	-0.03	0.04	0.01	0.01	504.02	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	437.00	436.88	432.18	435.36	0.63	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	954.10	930.78	922.01	935.63	1.77	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.02	0.04	39.09	ppb
Zirconium	91-1	0.08	0.08	0.05	0.07	25.00	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.45	-1.41	1.04	-0.27		ppb
Antimony	121-1	0.03	0.03	0.02	0.02	27.11	ppb
Arsenic	75-2	-0.05	-0.01	0.06	0.00		ppb
Barium	135-1	-0.02	-0.03	-0.01	-0.02		ppb
Barium	137-1	-0.01	-0.01	-0.01	-0.01		ppb
Beryllium	9-1	0.04	0.03	-0.03	0.01	285.11	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	16.82	16.96	16.77	16.85	0.59	ppb
Boron	11-1	16.39	16.34	15.55	16.09	2.92	ppb
Cadmium	111-1	-0.17	-0.05	-0.24	-0.15		ppb
Cadmium	106-1	-2.31	-0.74	-3.24	-2.10		ppb
Cadmium	108-1	0.00	-0.03	-0.07	-0.03		ppb
Calcium	43-1	-1.55	-4.86	-6.87	-4.43		ppb
Calcium	44-1	-15.05	-8.93	-12.23	-12.07		ppb
Chromium	52-2	0.13	0.02	0.01	0.05	124.18	ppb
Cobalt	59-2	-0.02	-0.02	-0.02	-0.02		ppb
Copper	63-2	0.11	0.03	0.08	0.07	52.93	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				96		%
Indium	115-1				99		%
Indium	115-2				93		%
Iron	56-2	-0.24	-0.48	0.10	-0.21		ppb
Iron	57-2	-1.45	0.57	-1.43	-0.77		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	207-1	-0.03	0.00	0.01	-0.01		ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				101		%
Magnesium	24-2	-3.51	-1.85	1.93	-1.15		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	0.04	-0.15	-0.07		ppb
Molybdenum	94-1	-0.04	-0.03	-0.05	-0.04		ppb
Molybdenum	95-1	0.03	-0.01	0.01	0.01	183.78	ppb
Molybdenum	96-1	-0.02	0.00	-0.01	-0.01		ppb
Molybdenum	97-1	0.01	-0.01	0.03	0.01	205.08	ppb
Molybdenum	98-1	-0.02	-0.02	-0.01	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.20	-0.15	-0.14		ppb
Phosphorus	31-2	-17.89	5.32	5.65	-2.31		ppb
Potassium	39-2	-28.86	-36.14	-17.88	-27.63		ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				95		%
Scandium	45-2				92		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	-0.30	-0.30	-0.30	-0.30		ppb
Selenium	82-1	1.17	0.15	0.31	0.54	101.08	ppb
Silicon	28-1	-7.47	-1.86	-5.72	-5.02		ppb
Silver	109-1	0.02	0.03	0.02	0.03	25.86	ppb
Silver	107-1	0.02	0.04	0.03	0.03	32.56	ppb
Sodium	23-2	-28.24	-27.05	-38.33	-31.21		ppb
Strontium	86-1	0.03	0.01	-0.05	0.00		ppb
Strontium	88-1	0.01	0.01	0.00	0.00	73.91	ppb
Sulfur	34-1	-1798.35	-919.33	-1352.37	-1356.68		ppb
Terbium	159-1				101		%
Terbium	159-2				96		%
Thallium	203-1	0.02	0.04	0.05	0.04	38.52	ppb
Thallium	205-1	0.04	0.05	0.04	0.04	14.55	ppb
Tin	118-1	0.02	0.02	-0.02	0.00	646.58	ppb
Titanium	47-1	-0.07	-0.01	-0.05	-0.04		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				98		%
Yttrium	89-2				92		%
Zinc	66-2	0.14	0.42	0.19	0.25	59.07	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.00	-0.01	-0.01	0.00		ppb
Zirconium	91-1	-0.01	-0.03	0.00	-0.01		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.46	0.01	0.00	0.83	171.74	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	38.77	ppb
Arsenic	75-2	-0.01	-0.08	-0.05	-0.05		ppb
Barium	135-1	-0.03	-0.01	-0.03	-0.02		ppb
Barium	137-1	-0.01	-0.01	0.01	0.00		ppb
Beryllium	9-1	-0.03	0.03	0.06	0.02	211.26	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	11.63	11.23	8.63	10.50	15.54	ppb
Boron	11-1	11.14	11.63	10.39	11.06	5.65	ppb
Cadmium	111-1	-0.14	-0.27	-0.19	-0.20		ppb
Cadmium	106-1	-1.96	-3.50	-2.40	-2.62		ppb
Cadmium	108-1	-0.03	0.13	-0.07	0.01	1054.37	ppb
Calcium	43-1	5.59	-2.34	1.12	1.46	272.60	ppb
Calcium	44-1	-10.18	-13.40	-13.06	-12.21		ppb
Chromium	52-2	0.01	0.00	0.10	0.04	145.92	ppb
Cobalt	59-2	-0.03	0.01	-0.02	-0.01		ppb
Copper	63-2	0.06	0.04	0.07	0.06	28.66	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				102		%
Holmium	165-2				97		%
Indium	115-1				99		%
Indium	115-2				94		%
Iron	56-2	0.01	-0.60	-0.60	-0.40		ppb
Iron	57-2	-0.93	-1.46	0.03	-0.79		ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.00	0.00		ppb
Lead	207-1	-0.01	-0.01	0.00	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.01	-0.01		ppb
Lithium	6-1				101		%
Magnesium	24-2	-1.81	2.97	-3.57	-0.80		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.07	0.09	0.04	144.35	ppb
Molybdenum	94-1	-0.05	-0.06	-0.06	-0.06		ppb
Molybdenum	95-1	0.00	-0.02	-0.01	-0.01		ppb
Molybdenum	96-1	-0.02	-0.01	-0.03	-0.02		ppb
Molybdenum	97-1	-0.02	-0.04	-0.02	-0.03		ppb
Molybdenum	98-1	-0.01	-0.04	-0.02	-0.02		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.13	-0.08	-0.11		ppb
Phosphorus	31-2	-17.89	5.12	5.03	-2.58		ppb
Potassium	39-2	-21.93	-38.12	-24.36	-28.14		ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				93		%
Selenium	77-2	2.37	-3.85	-3.85	-1.78		ppb
Selenium	78-2	3.56	0.66	-0.30	1.31	153.92	ppb
Selenium	82-1	0.22	0.08	0.62	0.31	90.45	ppb
Silicon	28-1	-5.85	-5.16	-5.30	-5.44		ppb
Silver	109-1	0.02	0.01	0.02	0.02	19.66	ppb
Silver	107-1	0.01	0.01	0.02	0.01	42.30	ppb
Sodium	23-2	-33.60	-34.83	-35.58	-34.67		ppb
Strontium	86-1	0.01	-0.03	0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	201.77	ppb
Sulfur	34-1	-1037.94	-1119.07	-1071.53	-1076.18		ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	0.03	0.03	0.04	0.03	11.57	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	10.43	ppb
Tin	118-1	-0.04	-0.02	-0.04	-0.03		ppb
Titanium	47-1	-0.02	0.05	-0.01	0.01	492.50	ppb
Uranium	238-1	-0.01	-0.02	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				98		%
Yttrium	89-2				93		%
Zinc	66-2	-0.13	-0.02	0.03	-0.04		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.02	-0.01	-0.01	-0.02		ppb
Zirconium	91-1	-0.01	0.00	-0.03	-0.01		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10020.33	9703.64	10016.25	9913.40	1.83	ppb
Antimony	121-1	500.63	489.90	493.78	494.77	1.10	ppb
Arsenic	75-2	497.32	507.31	502.30	502.31	0.99	ppb
Barium	135-1	2485.98	2469.35	2488.47	2481.27	0.42	ppb
Barium	137-1	2473.10	2451.71	2473.39	2466.07	0.50	ppb
Beryllium	9-1	479.08	471.05	478.89	476.34	0.96	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	463.90	452.86	477.41	464.72	2.65	ppb
Boron	11-1	449.34	450.57	476.25	458.72	3.31	ppb
Cadmium	111-1	482.97	479.94	485.49	482.80	0.58	ppb
Cadmium	106-1	486.49	472.90	484.16	481.18	1.51	ppb
Cadmium	108-1	495.90	489.72	487.70	491.11	0.87	ppb
Calcium	43-1	48458.36	47841.12	48864.71	48388.06	1.07	ppb
Calcium	44-1	48385.16	48075.25	48275.77	48245.39	0.33	ppb
Chromium	52-2	502.09	499.04	508.34	503.16	0.94	ppb
Cobalt	59-2	510.21	511.75	516.41	512.79	0.63	ppb
Copper	63-2	1026.18	1027.42	1036.65	1030.08	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				104		%
Holmium	165-2				98		%
Indium	115-1				99		%
Indium	115-2				92		%
Iron	56-2	26464.20	26395.64	26683.86	26514.56	0.57	ppb
Iron	57-2	25977.37	25889.64	26275.70	26047.57	0.78	ppb
Krypton	83-1						cps
Lead	206-1	512.02	498.86	500.84	503.90	1.41	ppb
Lead	207-1	505.41	503.53	505.41	504.78	0.22	ppb
Lead	208-1	510.61	503.83	502.50	505.64	0.86	ppb
Lithium	6-1				101		%
Magnesium	24-2	52990.19	53104.18	52889.83	52994.73	0.20	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	994.71	1003.11	1003.79	1000.54	0.51	ppb
Molybdenum	94-1	2498.41	2500.97	2490.95	2496.78	0.21	ppb
Molybdenum	95-1	2504.59	2517.74	2474.45	2498.93	0.89	ppb
Molybdenum	96-1	2509.97	2506.59	2455.68	2490.75	1.22	ppb
Molybdenum	97-1	2523.09	2522.33	2490.84	2512.09	0.73	ppb
Molybdenum	98-1	2491.95	2513.28	2492.75	2499.33	0.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	514.58	514.56	520.02	516.39	0.61	ppb
Phosphorus	31-2	10848.72	9727.98	9904.36	10160.35	5.93	ppb
Potassium	39-2	24690.99	24623.42	24657.40	24657.27	0.14	ppb
Rhodium	103-1				97		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				94		%
Selenium	77-2	525.87	450.06	494.08	490.01	7.77	ppb
Selenium	78-2	478.72	509.28	488.56	492.19	3.17	ppb
Selenium	82-1	492.50	498.33	491.55	494.13	0.74	ppb
Silicon	28-1	533.27	543.06	549.02	541.78	1.47	ppb
Silver	109-1	496.73	491.94	497.62	495.43	0.62	ppb
Silver	107-1	494.77	493.53	491.75	493.35	0.31	ppb
Sodium	23-2	52385.93	52274.28	52100.02	52253.41	0.28	ppb
Strontium	86-1	489.51	490.09	488.55	489.39	0.16	ppb
Strontium	88-1	491.40	495.58	491.69	492.89	0.47	ppb
Sulfur	34-1	11618.05	11238.74	11159.81	11338.87	2.16	ppb
Terbium	159-1				103		%
Terbium	159-2				98		%
Thallium	203-1	510.52	507.00	504.91	507.48	0.56	ppb
Thallium	205-1	504.02	500.46	495.93	500.14	0.81	ppb
Tin	118-1	491.54	491.78	495.59	492.97	0.46	ppb
Titanium	47-1	2491.62	2486.32	2521.38	2499.77	0.76	ppb
Uranium	238-1	494.43	492.96	494.99	494.13	0.21	ppb
Vanadium	51-2	498.90	496.61	507.10	500.87	1.10	ppb
Yttrium	89-1				99		%
Yttrium	89-2				93		%
Zinc	66-2	1012.91	1021.30	1029.21	1021.14	0.80	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.52	504.81	496.52	499.95	0.87	ppb
Zirconium	91-1	483.53	489.04	482.19	484.92	0.75	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	54339.98	53104.90	53361.04	53601.97	1.22	ppb
Antimony	121-1	513.01	490.89	499.78	501.23	2.22	ppb
Arsenic	75-2	507.88	491.54	510.95	503.46	2.07	ppb
Barium	135-1	2563.16	2497.31	2511.77	2524.08	1.37	ppb
Barium	137-1	2522.42	2484.87	2496.04	2501.11	0.77	ppb
Beryllium	9-1	506.23	489.01	495.79	497.01	1.75	ppb
Bismuth	209-1				98		%
Bismuth	209-2				94		%
Boron	10-1	517.88	522.30	513.49	517.89	0.85	ppb
Boron	11-1	509.46	510.26	520.78	513.50	1.23	ppb
Cadmium	111-1	487.65	479.84	482.23	483.24	0.83	ppb
Cadmium	106-1	495.57	491.06	482.86	489.83	1.32	ppb
Cadmium	108-1	489.60	481.12	476.48	482.40	1.38	ppb
Calcium	43-1	247048.88	240050.66	245806.30	244301.95	1.53	ppb
Calcium	44-1	247002.30	240755.71	241741.11	243166.37	1.38	ppb
Chromium	52-2	536.27	518.63	529.90	528.27	1.69	ppb
Cobalt	59-2	522.46	501.04	511.05	511.52	2.10	ppb
Copper	63-2	1018.70	976.37	1002.59	999.22	2.14	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				93		%
Iron	56-2	134966.48	130106.10	132624.33	132565.63	1.83	ppb
Iron	57-2	135135.95	129948.87	132103.42	132396.08	1.97	ppb
Krypton	83-1						cps
Lead	206-1	523.64	518.84	516.94	519.81	0.66	ppb
Lead	207-1	528.59	509.23	513.28	517.03	1.97	ppb
Lead	208-1	527.78	516.64	514.69	519.71	1.36	ppb
Lithium	6-1				101		%
Magnesium	24-2	266324.69	256897.49	259825.32	261015.84	1.85	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1043.73	1004.62	1027.67	1025.34	1.92	ppb
Molybdenum	94-1	2584.22	2550.94	2521.84	2552.33	1.22	ppb
Molybdenum	95-1	2588.45	2572.57	2523.39	2561.47	1.32	ppb
Molybdenum	96-1	2581.59	2552.87	2526.23	2553.56	1.08	ppb
Molybdenum	97-1	2568.50	2573.08	2550.58	2564.05	0.46	ppb
Molybdenum	98-1	2597.91	2560.52	2552.96	2570.47	0.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	528.87	512.33	517.23	519.47	1.64	ppb
Phosphorus	31-2	10249.63	10422.25	10462.04	10377.97	1.09	ppb
Potassium	39-2	130003.09	125843.38	126915.88	127587.45	1.69	ppb
Rhodium	103-1				95		%
Rhodium	103-2				94		%
Scandium	45-1				98		%
Scandium	45-2				97		%
Selenium	77-2	505.11	404.42	600.39	503.30	19.47	ppb
Selenium	78-2	502.82	526.77	530.46	520.02	2.89	ppb
Selenium	82-1	498.12	499.72	498.32	498.72	0.17	ppb
Silicon	28-1	535.54	521.24	540.73	532.50	1.90	ppb
Silver	109-1	496.23	485.40	489.19	490.28	1.12	ppb
Silver	107-1	496.75	480.94	485.04	487.58	1.68	ppb
Sodium	23-2	265484.11	255291.79	259410.38	260062.09	1.97	ppb
Strontium	86-1	503.93	499.39	496.34	499.89	0.76	ppb
Strontium	88-1	509.14	499.07	499.20	502.47	1.15	ppb
Sulfur	34-1	11859.57	11347.39	11507.21	11571.39	2.26	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	526.90	517.55	509.42	517.96	1.69	ppb
Thallium	205-1	523.37	514.01	506.74	514.70	1.62	ppb
Tin	118-1	511.88	493.22	499.96	501.69	1.88	ppb
Titanium	47-1	2629.92	2575.16	2551.55	2585.54	1.55	ppb
Uranium	238-1	529.28	517.52	517.99	521.60	1.28	ppb
Vanadium	51-2	523.79	505.39	511.75	513.64	1.82	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1026.27	988.48	1010.51	1008.42	1.88	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	514.98	511.59	506.42	510.99	0.84	ppb
Zirconium	91-1	502.68	499.18	498.12	499.99	0.48	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.48	2.04	-1.41	1.70	173.64	ppb
Antimony	121-1	0.18	0.18	0.17	0.18	5.06	ppb
Arsenic	75-2	-0.05	-0.05	-0.01	-0.04		ppb
Barium	135-1	-0.04	0.00	-0.01	-0.02		ppb
Barium	137-1	-0.03	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.03	0.01	0.02	0.02	56.92	ppb
Bismuth	209-1				103		%
Bismuth	209-2				95		%
Boron	10-1	4.51	3.70	5.86	4.69	23.31	ppb
Boron	11-1	5.68	6.10	5.99	5.92	3.68	ppb
Cadmium	111-1	-0.17	-0.09	-0.17	-0.14		ppb
Cadmium	106-1	-2.33	-1.29	-2.32	-1.98		ppb
Cadmium	108-1	-0.03	-0.07	0.00	-0.03		ppb
Calcium	43-1	-1.32	-0.82	-6.46	-2.87		ppb
Calcium	44-1	-15.30	-17.31	-14.85	-15.82		ppb
Chromium	52-2	0.03	0.12	0.02	0.06	91.48	ppb
Cobalt	59-2	-0.03	-0.02	-0.04	-0.03		ppb
Copper	63-2	0.02	0.05	0.03	0.03	43.33	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				97		%
Indium	115-1				101		%
Indium	115-2				95		%
Iron	56-2	-0.47	-0.23	0.14	-0.19		ppb
Iron	57-2	-0.08	1.68	1.59	1.06	93.45	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.03	-0.01	-0.01		ppb
Lead	207-1	-0.01	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.02	-0.02		ppb
Lithium	6-1				104		%
Magnesium	24-2	1.83	-1.03	-0.21	0.20	749.73	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.04	-0.03	-0.04		ppb
Molybdenum	94-1	0.07	0.16	0.13	0.12	37.57	ppb
Molybdenum	95-1	0.11	0.07	0.10	0.09	20.71	ppb
Molybdenum	96-1	0.08	0.10	0.09	0.09	8.88	ppb
Molybdenum	97-1	0.10	0.12	0.09	0.10	15.36	ppb
Molybdenum	98-1	0.07	0.07	0.11	0.08	29.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.18	-0.14	-0.14	-0.15		ppb
Phosphorus	31-2	-17.89	-17.89	5.33	-10.15		ppb
Potassium	39-2	-23.62	0.43	-22.83	-15.34		ppb
Rhodium	103-1				100		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				93		%
Selenium	77-2	2.19	-3.85	-3.85	-1.84		ppb
Selenium	78-2	-0.30	-0.30	0.65	0.02	2879.27	ppb
Selenium	82-1	0.22	0.97	-0.38	0.27	250.04	ppb
Silicon	28-1	-9.17	-6.86	-7.52	-7.85		ppb
Silver	109-1	0.01	0.02	0.02	0.01	17.39	ppb
Silver	107-1	0.01	0.02	0.01	0.01	37.81	ppb
Sodium	23-2	-35.64	-16.54	-23.94	-25.37		ppb
Strontium	86-1	0.00	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	179.38	ppb
Sulfur	34-1	-2221.67	-2087.33	-1915.72	-2074.91		ppb
Terbium	159-1				102		%
Terbium	159-2				97		%
Thallium	203-1	0.02	0.04	0.03	0.03	28.43	ppb
Thallium	205-1	0.02	0.04	0.03	0.03	30.39	ppb
Tin	118-1	-0.07	-0.07	0.00	-0.05		ppb
Titanium	47-1	-0.01	-0.01	-0.01	-0.01		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.01	-0.02	-0.01		ppb
Yttrium	89-1				99		%
Yttrium	89-2				94		%
Zinc	66-2	-0.33	0.08	-0.38	-0.21		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.02	0.05	0.04	36.04	ppb
Zirconium	91-1	0.06	0.04	0.03	0.04	29.14	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : PB111553BL Instrumnet Name : P8
 Client Sample ID : PB111553BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 18:44:53 DataFile Name : 039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.05	-0.99	2.05	1.03	169.74	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	14.53	ppb
Arsenic	75-2	-0.06	0.03	-0.03	-0.02		ppb
Barium	135-1	-0.04	-0.03	-0.02	-0.03		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	-0.01	0.04	0.03	0.02	120.01	ppb
Bismuth	209-1				99		%
Bismuth	209-2				99		%
Boron	10-1	5.16	5.32	5.49	5.32	3.05	ppb
Boron	11-1	4.90	5.15	4.85	4.96	3.22	ppb
Cadmium	111-1	-0.04	-0.19	-0.12	-0.12		ppb
Cadmium	106-1	-0.48	-2.43	-1.49	-1.47		ppb
Cadmium	108-1	0.00	0.03	-0.03	0.00	13887.43	ppb
Calcium	43-1	-13.22	-1.75	-4.80	-6.59		ppb
Calcium	44-1	-13.69	-12.57	-15.15	-13.80		ppb
Chromium	52-2	0.04	-0.08	-0.05	-0.03		ppb
Cobalt	59-2	-0.03	-0.03	0.00	-0.02		ppb
Copper	63-2	-0.04	0.00	0.00	-0.01		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				99		%
Indium	115-1				99		%
Indium	115-2				96		%
Iron	56-2	-0.02	0.10	0.20	0.09	116.58	ppb
Iron	57-2	3.07	1.87	-0.38	1.52	115.40	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.02	-0.01	-0.02		ppb
Lead	207-1	-0.03	-0.01	-0.02	-0.02		ppb
Lead	208-1	-0.02	-0.01	-0.02	-0.01		ppb
Lithium	6-1				102		%
Magnesium	24-2	2.67	-1.24	4.35	1.93	149.02	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P8
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:44:53	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.05	0.00	-0.08	-0.01		ppb
Molybdenum	94-1	0.02	0.03	0.07	0.04	70.39	ppb
Molybdenum	95-1	0.03	0.03	0.04	0.04	19.29	ppb
Molybdenum	96-1	0.07	0.01	0.03	0.03	88.12	ppb
Molybdenum	97-1	0.02	0.02	0.04	0.03	36.47	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	8.47	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.17	-0.14	-0.14		ppb
Phosphorus	31-2	-17.89	4.30	5.80	-2.60		ppb
Potassium	39-2	-36.18	-17.07	-11.58	-21.61		ppb
Rhodium	103-1				99		%
Rhodium	103-2				99		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	0.61	1.56	-0.30	0.62	148.52	ppb
Selenium	82-1	0.47	0.51	-0.14	0.28	130.02	ppb
Silicon	28-1	-6.11	-1.03	-4.91	-4.01		ppb
Silver	109-1	0.01	0.01	0.01	0.01	12.24	ppb
Silver	107-1	0.02	0.02	0.01	0.02	40.54	ppb
Sodium	23-2	-33.47	-32.70	-26.43	-30.87		ppb
Strontium	86-1	-0.01	0.02	-0.03	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	516.58	ppb
Sulfur	34-1	-1693.69	-650.15	-1489.83	-1277.89		ppb
Terbium	159-1				100		%
Terbium	159-2				99		%
Thallium	203-1	0.04	0.01	0.03	0.03	45.01	ppb
Thallium	205-1	0.02	0.03	0.03	0.03	21.69	ppb
Tin	118-1	-0.10	-0.06	-0.11	-0.09		ppb
Titanium	47-1	0.02	0.04	0.01	0.02	78.53	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				95		%
Zinc	66-2	-0.22	-0.24	-0.30	-0.25		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P8
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:44:53	DataFile Name :	039CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.03	0.04	0.03	0.03	23.55	ppb
Zirconium	91-1	0.04	0.06	0.00	0.04	82.50	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	10074.71	10025.03	10120.51	10073.42	0.47	ppb
Antimony	121-1	491.62	502.11	491.50	495.08	1.23	ppb
Arsenic	75-2	487.83	493.90	512.75	498.16	2.61	ppb
Barium	135-1	2481.42	2525.54	2458.62	2488.53	1.37	ppb
Barium	137-1	2478.01	2512.35	2449.91	2480.09	1.26	ppb
Beryllium	9-1	469.06	478.84	468.44	472.11	1.24	ppb
Bismuth	209-1				101		%
Bismuth	209-2				96		%
Boron	10-1	430.23	462.56	461.35	451.38	4.06	ppb
Boron	11-1	440.90	464.42	467.09	457.47	3.15	ppb
Cadmium	111-1	483.43	495.56	476.94	485.31	1.95	ppb
Cadmium	106-1	479.03	495.30	480.72	485.02	1.84	ppb
Cadmium	108-1	483.29	504.30	474.34	487.31	3.16	ppb
Calcium	43-1	48718.39	49764.46	47969.44	48817.43	1.85	ppb
Calcium	44-1	48381.37	49206.30	47822.23	48469.97	1.44	ppb
Chromium	52-2	505.56	497.21	511.70	504.82	1.44	ppb
Cobalt	59-2	504.02	505.92	517.91	509.28	1.48	ppb
Copper	63-2	1012.10	1013.73	1032.62	1019.49	1.12	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				94		%
Iron	56-2	26356.17	26251.50	26868.14	26491.94	1.25	ppb
Iron	57-2	26059.20	25763.44	26301.32	26041.32	1.03	ppb
Krypton	83-1						cps
Lead	206-1	499.55	510.46	489.32	499.78	2.12	ppb
Lead	207-1	503.11	510.72	494.76	502.86	1.59	ppb
Lead	208-1	502.08	513.72	493.14	502.98	2.05	ppb
Lithium	6-1				104		%
Magnesium	24-2	52439.06	53585.03	53966.49	53330.19	1.49	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1006.40	999.23	1011.01	1005.55	0.59	ppb
Molybdenum	94-1	2486.66	2551.44	2418.61	2485.57	2.67	ppb
Molybdenum	95-1	2480.58	2532.82	2461.11	2491.50	1.49	ppb
Molybdenum	96-1	2504.59	2537.12	2458.39	2500.03	1.58	ppb
Molybdenum	97-1	2517.72	2565.63	2472.46	2518.60	1.85	ppb
Molybdenum	98-1	2510.70	2522.44	2469.62	2500.92	1.11	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	510.49	513.91	522.52	515.64	1.20	ppb
Phosphorus	31-2	10732.44	9973.21	9285.35	9997.00	7.24	ppb
Potassium	39-2	24666.40	24793.66	25084.90	24848.32	0.86	ppb
Rhodium	103-1				99		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				96		%
Selenium	77-2	586.68	475.74	524.19	528.87	10.52	ppb
Selenium	78-2	519.34	491.01	526.25	512.20	3.65	ppb
Selenium	82-1	490.16	504.78	487.47	494.14	1.89	ppb
Silicon	28-1	523.24	542.27	514.17	526.56	2.72	ppb
Silver	109-1	498.70	507.54	482.57	496.27	2.55	ppb
Silver	107-1	499.56	505.32	494.50	499.79	1.08	ppb
Sodium	23-2	52482.53	52767.42	53126.98	52792.31	0.61	ppb
Strontium	86-1	489.25	498.33	482.76	490.11	1.60	ppb
Strontium	88-1	494.30	507.27	487.01	496.19	2.07	ppb
Sulfur	34-1	11215.05	11420.56	10505.19	11046.93	4.35	ppb
Terbium	159-1				103		%
Terbium	159-2				99		%
Thallium	203-1	500.69	514.79	492.35	502.61	2.26	ppb
Thallium	205-1	499.05	510.24	484.02	497.77	2.64	ppb
Tin	118-1	490.89	507.05	487.00	494.98	2.15	ppb
Titanium	47-1	2508.95	2560.15	2464.91	2511.34	1.90	ppb
Uranium	238-1	488.56	500.56	481.46	490.19	1.97	ppb
Vanadium	51-2	502.25	497.42	509.59	503.09	1.22	ppb
Yttrium	89-1				100		%
Yttrium	89-2				96		%
Zinc	66-2	1001.70	1014.95	1024.97	1013.87	1.15	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	501.38	507.35	493.83	500.86	1.35	ppb
Zirconium	91-1	484.93	495.22	478.90	486.35	1.70	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:51:27	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	52798.47	53404.09	54407.12	53536.56	1.52	ppb
Antimony	121-1	498.95	502.93	506.47	502.78	0.75	ppb
Arsenic	75-2	497.52	504.33	516.65	506.17	1.92	ppb
Barium	135-1	2523.13	2529.13	2522.18	2524.81	0.15	ppb
Barium	137-1	2487.88	2513.49	2534.44	2511.94	0.93	ppb
Beryllium	9-1	502.24	489.24	495.99	495.82	1.31	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	511.34	512.73	522.53	515.53	1.18	ppb
Boron	11-1	498.82	505.27	524.61	509.57	2.63	ppb
Cadmium	111-1	480.54	481.10	483.59	481.74	0.34	ppb
Cadmium	106-1	480.82	493.59	484.88	486.43	1.34	ppb
Cadmium	108-1	478.73	486.42	487.38	484.18	0.98	ppb
Calcium	43-1	247045.71	242784.99	249938.35	246589.68	1.46	ppb
Calcium	44-1	247311.19	241934.58	245392.70	244879.49	1.11	ppb
Chromium	52-2	517.12	524.04	535.21	525.46	1.74	ppb
Cobalt	59-2	504.09	508.85	519.00	510.65	1.49	ppb
Copper	63-2	985.36	988.74	1016.59	996.90	1.72	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				98		%
Indium	115-1				96		%
Indium	115-2				92		%
Iron	56-2	131426.90	131081.41	135683.01	132730.44	1.93	ppb
Iron	57-2	130188.01	131077.96	133037.03	131434.34	1.11	ppb
Krypton	83-1						cps
Lead	206-1	527.65	515.96	522.63	522.08	1.12	ppb
Lead	207-1	518.00	516.70	518.80	517.83	0.20	ppb
Lead	208-1	517.63	516.37	520.76	518.25	0.44	ppb
Lithium	6-1				99		%
Magnesium	24-2	258379.72	259622.86	267200.94	261734.51	1.82	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:51:27	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1007.69	1027.14	1056.31	1030.38	2.38	ppb
Molybdenum	94-1	2554.34	2525.81	2577.69	2552.61	1.02	ppb
Molybdenum	95-1	2567.83	2553.12	2572.49	2564.48	0.39	ppb
Molybdenum	96-1	2580.15	2544.72	2576.26	2567.05	0.76	ppb
Molybdenum	97-1	2566.54	2558.35	2617.25	2580.71	1.24	ppb
Molybdenum	98-1	2594.66	2563.12	2593.37	2583.72	0.69	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	512.14	516.59	528.50	519.07	1.63	ppb
Phosphorus	31-2	11008.90	10499.44	10196.80	10568.38	3.88	ppb
Potassium	39-2	126649.42	129825.16	130575.24	129016.61	1.62	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				96		%
Scandium	45-2				96		%
Selenium	77-2	479.49	518.15	447.42	481.69	7.35	ppb
Selenium	78-2	506.29	480.20	531.60	506.03	5.08	ppb
Selenium	82-1	502.63	494.68	498.59	498.63	0.80	ppb
Silicon	28-1	538.70	541.65	541.84	540.73	0.33	ppb
Silver	109-1	490.38	487.81	490.02	489.40	0.28	ppb
Silver	107-1	484.33	486.97	488.90	486.73	0.47	ppb
Sodium	23-2	255871.44	256881.46	262320.13	258357.68	1.34	ppb
Strontium	86-1	506.46	494.70	505.71	502.29	1.31	ppb
Strontium	88-1	508.65	498.74	507.53	504.97	1.07	ppb
Sulfur	34-1	11407.38	11169.34	11642.73	11406.49	2.08	ppb
Terbium	159-1				101		%
Terbium	159-2				98		%
Thallium	203-1	513.65	513.96	523.37	517.00	1.07	ppb
Thallium	205-1	506.16	510.27	515.84	510.76	0.95	ppb
Tin	118-1	501.50	503.32	509.31	504.71	0.81	ppb
Titanium	47-1	2560.61	2525.63	2593.10	2559.78	1.32	ppb
Uranium	238-1	515.85	517.14	522.84	518.61	0.72	ppb
Vanadium	51-2	505.43	507.34	521.42	511.40	1.71	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	989.49	992.66	1023.19	1001.78	1.86	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:51:27	DataFile Name :	041CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	515.98	510.12	514.81	513.64	0.60	ppb
Zirconium	91-1	500.49	494.15	504.03	499.56	1.00	ppb

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P8
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 19:04:54 DataFile Name : 042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.13	2.92	1.40	1.39	109.31	ppb
Antimony	121-1	0.21	0.22	0.29	0.24	17.02	ppb
Arsenic	75-2	-0.08	-0.03	-0.03	-0.05		ppb
Barium	135-1	-0.01	-0.01	0.00	0.00		ppb
Barium	137-1	-0.01	0.00	0.00	-0.01		ppb
Beryllium	9-1	0.03	0.03	0.05	0.03	30.83	ppb
Bismuth	209-1				99		%
Bismuth	209-2				100		%
Boron	10-1	5.97	5.88	6.18	6.01	2.58	ppb
Boron	11-1	6.00	5.65	6.51	6.05	7.14	ppb
Cadmium	111-1	-0.15	-0.15	-0.12	-0.14		ppb
Cadmium	106-1	-2.16	-2.13	-1.79	-2.03		ppb
Cadmium	108-1	-0.03	0.07	0.00	0.01	437.33	ppb
Calcium	43-1	-3.09	-7.07	-1.62	-3.93		ppb
Calcium	44-1	-10.51	-14.05	-13.58	-12.71		ppb
Chromium	52-2	-0.06	0.16	0.13	0.08	153.95	ppb
Cobalt	59-2	-0.04	0.00	-0.02	-0.02		ppb
Copper	63-2	-0.02	-0.05	0.03	-0.01		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				98		%
Iron	56-2	0.18	-0.01	-0.01	0.05	209.04	ppb
Iron	57-2	-0.61	0.74	1.00	0.38	228.35	ppb
Krypton	83-1						cps
Lead	206-1	0.04	-0.01	0.01	0.01	186.19	ppb
Lead	207-1	0.02	0.00	0.00	0.01	168.70	ppb
Lead	208-1	0.01	-0.01	0.00	0.00	744.16	ppb
Lithium	6-1				100		%
Magnesium	24-2	-0.83	-1.28	-0.08	-0.73		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 19:04:54	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	-0.08	-0.05	-0.05		ppb
Molybdenum	94-1	0.18	0.19	0.21	0.20	7.28	ppb
Molybdenum	95-1	0.14	0.17	0.15	0.16	10.80	ppb
Molybdenum	96-1	0.14	0.19	0.15	0.16	14.01	ppb
Molybdenum	97-1	0.20	0.16	0.12	0.16	23.70	ppb
Molybdenum	98-1	0.11	0.17	0.15	0.14	19.78	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.15	-0.16	-0.16	-0.15		ppb
Phosphorus	31-2	3.74	3.38	-17.89	-3.59		ppb
Potassium	39-2	-7.96	-17.45	-2.33	-9.25		ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				96		%
Scandium	45-2				98		%
Selenium	77-2	-3.85	-3.85	-3.85	-3.85		ppb
Selenium	78-2	-0.30	0.61	0.64	0.32	167.66	ppb
Selenium	82-1	0.33	0.31	0.38	0.34	9.54	ppb
Silicon	28-1	-6.85	-6.65	-3.01	-5.51		ppb
Silver	109-1	0.01	0.02	0.02	0.02	14.17	ppb
Silver	107-1	0.01	0.01	0.02	0.01	34.41	ppb
Sodium	23-2	-21.39	-24.14	-16.24	-20.59		ppb
Strontium	86-1	0.02	0.00	-0.04	-0.01		ppb
Strontium	88-1	0.02	0.00	0.00	0.01	123.48	ppb
Sulfur	34-1	-2217.23	-2144.58	-1455.95	-1939.25		ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	0.05	0.05	0.03	0.05	24.08	ppb
Thallium	205-1	0.04	0.03	0.05	0.04	20.39	ppb
Tin	118-1	-0.09	-0.05	-0.07	-0.07		ppb
Titanium	47-1	-0.04	-0.01	0.05	0.00		ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	-0.02	-0.01	0.01	-0.01		ppb
Yttrium	89-1				97		%
Yttrium	89-2				97		%
Zinc	66-2	-0.12	-0.14	0.23	-0.01		ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 19:04:54	DataFile Name :	042CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.07	0.08	12.90	ppb
Zirconium	91-1	0.06	0.07	0.09	0.07	25.41	ppb

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:16:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	18	10	13	13	28.64	cps
Antimony	121-1	183	233	258	225	16.97	cps
Arsenic	75-2	13	4	4	7	78.78	cps
Barium	135-1	75	50	133	86	49.66	cps
Barium	137-1	117	92	142	117	21.43	cps
Beryllium	9-1	172	139	106	139	24.00	cps
Bismuth	209-1	7008775	6837687	6968250	6938238	1.29	cps
Bismuth	209-2	1956920	2028091	1998288	1994433	1.79	cps
Boron	10-1	567	550	633	583	7.56	cps
Boron	11-1	2675	2425	2709	2603	5.95	cps
Cadmium	111-1	1520	1697	1786	1668	8.11	cps
Cadmium	106-1	2159	2375	2525	2353	7.84	cps
Cadmium	108-1	17	4	4	8	86.57	cps
Calcium	43-1	725	600	925	750	21.86	cps
Calcium	44-1	21801	22494	22293	22196	1.61	cps
Chromium	52-2	393	363	370	376	4.19	cps
Cobalt	59-2	93	97	97	96	2.01	cps
Copper	63-2	427	393	453	424	7.08	cps
Dysprosium	156-1	8	8	17	11	43.34	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	33	42	17	31	41.66	cps
Erbium	164-2	0	3	3	2	86.60	cps
Gadolinium	160-1	125	33	67	75	61.87	cps
Gadolinium	160-2	20	13	10	14	35.26	cps
Holmium	165-1	10536766	10452177	10502641	10497195	0.41	cps
Holmium	165-2	2321496	2402202	2377316	2367004	1.75	cps
Indium	115-1	8502579	8351947	8461678	8438735	0.92	cps
Indium	115-2	353914	359844	359767	357842	0.95	cps
Iron	56-2	1095	1339	1322	1252	10.91	cps
Iron	57-2	56	22	28	35	50.76	cps
Krypton	83-1	397	407	420	408	2.87	cps
Lead	206-1	356	433	428	406	10.70	cps
Lead	207-1	450	339	317	369	19.38	cps
Lead	208-1	1745	1595	1733	1691	4.94	cps
Lithium	6-1	1607765	1611533	1623220	1614173	0.50	cps
Magnesium	24-2	225	225	325	258	22.35	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:16:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	50	37	42	16.43	cps
Molybdenum	94-1	492	408	475	458	9.62	cps
Molybdenum	95-1	175	167	150	164	7.77	cps
Molybdenum	96-1	308	342	217	289	22.41	cps
Molybdenum	97-1	117	167	183	156	22.31	cps
Molybdenum	98-1	317	467	308	364	24.49	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	213	223	257	231	9.82	cps
Phosphorus	31-2	0	17	0	6	173.21	cps
Potassium	39-2	2850	2825	2609	2762	4.81	cps
Rhodium	103-1	7959261	7750780	7924782	7878274	1.42	cps
Rhodium	103-2	2100441	2141759	2139376	2127192	1.09	cps
Scandium	45-1	5314434	5107041	5210546	5210674	1.99	cps
Scandium	45-2	38092	38366	38456	38304	0.50	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-57	-41	-39	-46	-22.07	cps
Silicon	28-1	396544	400650	396318	397838	0.61	cps
Silver	109-1	67	33	25	42	52.91	cps
Silver	107-1	58	42	58	53	18.23	cps
Sodium	23-2	7436	7552	7327	7438	1.51	cps
Strontium	86-1	633	542	667	614	10.54	cps
Strontium	88-1	192	133	175	167	18.03	cps
Sulfur	34-1	463519	467712	470942	467391	0.80	cps
Terbium	159-1	10918447	10861264	10893685	10891132	0.26	cps
Terbium	159-2	2232649	2257551	2276516	2255572	0.98	cps
Thallium	203-1	242	217	267	242	10.34	cps
Thallium	205-1	475	575	558	536	9.99	cps
Tin	118-1	1667	1492	1850	1670	10.74	cps
Titanium	47-1	150	83	133	122	28.39	cps
Uranium	238-1	333	250	425	336	26.04	cps
Vanadium	51-2	13	10	10	11	17.30	cps
Yttrium	89-1	8740304	8676439	8764999	8727247	0.52	cps
Yttrium	89-2	261684	263189	262806	262560	0.30	cps
Zinc	66-2	160	133	143	146	9.25	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:16:23	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	858	592	908	786	21.66	cps
Zirconium	91-1	158	183	167	169	7.51	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	158	120	128	135	14.70	cps
Antimony	121-1	16336	15618	15334	15763	3.27	cps
Arsenic	75-2	104	78	130	104	25.00	cps
Barium	135-1	16753	16353	16144	16416	1.89	cps
Barium	137-1	28724	28356	28515	28532	0.65	cps
Beryllium	9-1	1378	1272	1339	1330	4.02	cps
Bismuth	209-1	6531339	6923671	6876269	6777093	3.16	cps
Bismuth	209-2	1929840	1957982	1977918	1955247	1.24	cps
Boron	10-1	3859	3634	4184	3892	7.11	cps
Boron	11-1	17495	17795	18245	17845	2.12	cps
Cadmium	111-1	3233	3216	3353	3267	2.28	cps
Cadmium	106-1	2375	2167	2675	2406	10.62	cps
Cadmium	108-1	138	121	142	133	8.27	cps
Calcium	43-1	9454	10179	9270	9634	4.99	cps
Calcium	44-1	167084	165052	165871	166002	0.62	cps
Chromium	52-2	1847	2064	2087	1999	6.62	cps
Cobalt	59-2	1607	1727	1670	1668	3.60	cps
Copper	63-2	3160	3154	2940	3085	4.06	cps
Dysprosium	156-1	8	8	8	8	0.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	92	42	42	58	49.48	cps
Erbium	164-2	17	3	7	9	78.08	cps
Gadolinium	160-1	75	108	92	92	18.18	cps
Gadolinium	160-2	10	7	7	8	24.71	cps
Holmium	165-1	10017083	10579020	10429246	10341783	2.81	cps
Holmium	165-2	2306241	2339362	2320685	2322096	0.72	cps
Indium	115-1	7975806	8422214	8390281	8262767	3.01	cps
Indium	115-2	349467	358907	359498	355957	1.58	cps
Iron	56-2	24772	25502	25669	25314	1.88	cps
Iron	57-2	706	700	717	707	1.20	cps
Krypton	83-1	367	437	400	401	8.73	cps
Lead	206-1	5668	5479	5535	5561	1.75	cps
Lead	207-1	5129	5046	5118	5097	0.89	cps
Lead	208-1	23187	22531	22114	22610	2.39	cps
Lithium	6-1	1522598	1650379	1626988	1599988	4.25	cps
Magnesium	24-2	13557	13724	14633	13971	4.15	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	223	237	240	233	3.78	cps
Molybdenum	94-1	13491	13065	13716	13424	2.46	cps
Molybdenum	95-1	15943	16511	16561	16338	2.10	cps
Molybdenum	96-1	18171	17929	18714	18271	2.20	cps
Molybdenum	97-1	10046	10421	10071	10179	2.06	cps
Molybdenum	98-1	26485	26343	25349	26059	2.37	cps
Neodymium	150-1	13	13	13	13	0.00	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	667	753	757	726	7.03	cps
Phosphorus	31-2	25	0	0	8	173.21	cps
Potassium	39-2	9387	9871	9353	9537	3.03	cps
Rhodium	103-1	7372154	7955675	7850021	7725950	4.02	cps
Rhodium	103-2	2088719	2148533	2135375	2124209	1.48	cps
Scandium	45-1	4918127	5105685	5096739	5040184	2.10	cps
Scandium	45-2	38232	38363	38092	38229	0.35	cps
Selenium	77-2	7	3	0	3	100.05	cps
Selenium	78-2	15	7	15	12	34.61	cps
Selenium	82-1	617	466	477	520	16.26	cps
Silicon	28-1	457719	459985	455130	457611	0.53	cps
Silver	109-1	7953	8261	7869	8028	2.57	cps
Silver	107-1	8320	8470	8662	8484	2.02	cps
Sodium	23-2	37977	39448	39757	39060	2.43	cps
Strontium	86-1	2709	2817	2475	2667	6.55	cps
Strontium	88-1	18697	18563	17503	18255	3.58	cps
Sulfur	34-1	470270	469107	466218	468532	0.45	cps
Terbium	159-1	10285864	10882464	10814184	10660838	3.06	cps
Terbium	159-2	2174969	2218817	2234351	2209379	1.39	cps
Thallium	203-1	5993	6802	6660	6485	6.66	cps
Thallium	205-1	16161	15594	15694	15816	1.91	cps
Tin	118-1	27930	27746	29745	28474	3.88	cps
Titanium	47-1	4834	4559	4559	4651	3.42	cps
Uranium	238-1	20142	19758	19808	19903	1.05	cps
Vanadium	51-2	2490	2697	2680	2623	4.38	cps
Yttrium	89-1	8191478	8678896	8723654	8531343	3.46	cps
Yttrium	89-2	254750	261107	263691	259849	1.77	cps
Zinc	66-2	397	363	390	383	4.60	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:23:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11464	11247	10788	11166	3.09	cps
Zirconium	91-1	2767	2559	2467	2598	5.92	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5765	5793	5870	5809	0.94	cps
Antimony	121-1	408291	410223	414496	411003	0.77	cps
Arsenic	75-2	4721	4490	4692	4634	2.72	cps
Barium	135-1	434512	430311	432549	432457	0.49	cps
Barium	137-1	760623	755760	760578	758987	0.37	cps
Beryllium	9-1	62938	62279	62485	62567	0.54	cps
Bismuth	209-1	6871974	6995983	6891838	6919932	0.96	cps
Bismuth	209-2	1966536	1984109	1914556	1955067	1.85	cps
Boron	10-1	7261	7561	7502	7441	2.14	cps
Boron	11-1	34785	35420	35846	35350	1.51	cps
Cadmium	111-1	91993	91033	90771	91266	0.71	cps
Cadmium	106-1	11205	11672	11856	11578	2.90	cps
Cadmium	108-1	6510	6498	6606	6538	0.91	cps
Calcium	43-1	95909	94316	93780	94668	1.17	cps
Calcium	44-1	1586959	1557663	1575809	1573477	0.94	cps
Chromium	52-2	38874	38884	39583	39114	1.04	cps
Cobalt	59-2	81815	81986	81657	81820	0.20	cps
Copper	63-2	140316	141475	141353	141048	0.45	cps
Dysprosium	156-1	8	17	50	25	88.19	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	42	25	50	39	32.73	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	92	100	100	97	4.95	cps
Gadolinium	160-2	17	7	7	10	57.72	cps
Holmium	165-1	10499751	10808575	10417752	10575359	1.95	cps
Holmium	165-2	2382845	2396344	2335479	2371556	1.35	cps
Indium	115-1	8452978	8425318	8417070	8431788	0.22	cps
Indium	115-2	358865	358782	353066	356904	0.93	cps
Iron	56-2	1265881	1269766	1264687	1266778	0.21	cps
Iron	57-2	32015	31809	31943	31922	0.33	cps
Krypton	83-1	353	387	330	357	7.99	cps
Lead	206-1	266243	265458	262908	264870	0.66	cps
Lead	207-1	236740	239881	237177	237933	0.72	cps
Lead	208-1	1074026	1077131	1074188	1075115	0.16	cps
Lithium	6-1	1602762	1610855	1618960	1610859	0.50	cps
Magnesium	24-2	149065	152174	148357	149866	1.35	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:27:38	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	21113	21156	20829	21033	0.84	cps
Molybdenum	94-1	684409	684960	691341	686903	0.56	cps
Molybdenum	95-1	845547	839248	838428	841074	0.46	cps
Molybdenum	96-1	931564	933025	939762	934784	0.47	cps
Molybdenum	97-1	519756	528099	525713	524523	0.82	cps
Molybdenum	98-1	1351567	1348518	1353437	1351174	0.18	cps
Neodymium	150-1	47	27	33	36	28.64	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	24612	24442	24101	24385	1.07	cps
Phosphorus	31-2	392	325	400	372	11.04	cps
Potassium	39-2	38671	40359	39958	39662	2.22	cps
Rhodium	103-1	7859219	7963195	7803771	7875395	1.03	cps
Rhodium	103-2	2143672	2111433	2097234	2117446	1.12	cps
Scandium	45-1	5169132	5203102	5148899	5173711	0.53	cps
Scandium	45-2	38446	38633	38095	38392	0.71	cps
Selenium	77-2	20	37	50	36	42.27	cps
Selenium	78-2	122	117	89	109	16.34	cps
Selenium	82-1	5653	5801	5695	5716	1.34	cps
Silicon	28-1	633132	632662	635690	633828	0.26	cps
Silver	109-1	423110	416175	423368	420885	0.97	cps
Silver	107-1	442512	437707	442964	441061	0.66	cps
Sodium	23-2	336233	344704	341237	340725	1.25	cps
Strontium	86-1	110587	108688	109176	109484	0.90	cps
Strontium	88-1	940016	926649	944221	936962	0.98	cps
Sulfur	34-1	501204	494984	494497	496895	0.75	cps
Terbium	159-1	10801265	11092044	10766495	10886602	1.64	cps
Terbium	159-2	2269112	2252393	2259088	2260198	0.37	cps
Thallium	203-1	324239	322319	322240	322933	0.35	cps
Thallium	205-1	772086	781023	775793	776300	0.58	cps
Tin	118-1	282533	283699	283569	283267	0.23	cps
Titanium	47-1	233193	232372	236897	234154	1.03	cps
Uranium	238-1	1018673	1024495	1020393	1021187	0.29	cps
Vanadium	51-2	27815	27841	28359	28005	1.10	cps
Yttrium	89-1	8787724	8776911	8746923	8770519	0.24	cps
Yttrium	89-2	260505	263023	259039	260856	0.77	cps
Zinc	66-2	12462	12543	12399	12468	0.58	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:27:38	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	573079	574659	572586	573441	0.19	cps
Zirconium	91-1	125019	125391	126996	125802	0.84	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : S4 Instrumnet Name : P8
 Client Sample ID : S4 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:31:20 DataFile Name : 007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	14601	14694	14426	14574	0.93	cps
Antimony	121-1	1041807	1055540	1044977	1047441	0.69	cps
Arsenic	75-2	11598	11255	11175	11342	1.98	cps
Barium	135-1	1089941	1092880	1088902	1090574	0.19	cps
Barium	137-1	1922136	1908355	1912964	1914485	0.37	cps
Beryllium	9-1	154627	154739	155654	155007	0.36	cps
Bismuth	209-1	6909884	6913148	6973272	6932102	0.51	cps
Bismuth	209-2	1953140	2002071	1950483	1968565	1.48	cps
Boron	10-1	18162	18655	18554	18457	1.41	cps
Boron	11-1	82730	84599	84750	84026	1.34	cps
Cadmium	111-1	226229	224134	223823	224729	0.58	cps
Cadmium	106-1	25976	26452	25316	25915	2.20	cps
Cadmium	108-1	16031	16819	16798	16549	2.71	cps
Calcium	43-1	237367	237137	235451	236652	0.44	cps
Calcium	44-1	3884255	3904245	3881356	3889952	0.32	cps
Chromium	52-2	95053	95459	94597	95036	0.45	cps
Cobalt	59-2	203151	201525	202897	202524	0.43	cps
Copper	63-2	349679	347257	348010	348315	0.36	cps
Dysprosium	156-1	0	17	50	22	114.56	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	17	33	58	36	58.08	cps
Erbium	164-2	17	7	3	9	78.08	cps
Gadolinium	160-1	100	108	67	92	24.05	cps
Gadolinium	160-2	20	17	10	16	32.73	cps
Holmium	165-1	10730878	10712540	10779332	10740917	0.32	cps
Holmium	165-2	2350174	2408607	2363890	2374224	1.29	cps
Indium	115-1	8611765	8456150	8538555	8535490	0.91	cps
Indium	115-2	361207	360551	353412	358390	1.21	cps
Iron	56-2	3144883	3177367	3171223	3164491	0.55	cps
Iron	57-2	77983	79749	78313	78682	1.19	cps
Krypton	83-1	380	400	283	354	17.60	cps
Lead	206-1	661106	658624	661344	660358	0.23	cps
Lead	207-1	600370	597191	598396	598653	0.27	cps
Lead	208-1	2705762	2690998	2698748	2698502	0.27	cps
Lithium	6-1	1615605	1601053	1612321	1609660	0.47	cps
Magnesium	24-2	369235	371929	366100	369088	0.79	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:31:20	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	52194	52957	52344	52498	0.77	cps
Molybdenum	94-1	1757074	1748726	1735220	1747007	0.63	cps
Molybdenum	95-1	2107719	2139666	2098566	2115317	1.02	cps
Molybdenum	96-1	2351693	2357365	2364443	2357834	0.27	cps
Molybdenum	97-1	1319948	1334019	1325070	1326346	0.54	cps
Molybdenum	98-1	3373622	3380562	3393941	3382708	0.31	cps
Neodymium	150-1	47	53	27	42	32.87	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	60685	60233	59557	60158	0.94	cps
Phosphorus	31-2	1083	958	975	1006	6.75	cps
Potassium	39-2	95539	94852	95196	95196	0.36	cps
Rhodium	103-1	7840471	7850021	7944261	7878251	0.73	cps
Rhodium	103-2	2138430	2151551	2112128	2134036	0.94	cps
Scandium	45-1	5230026	5223886	5276241	5243384	0.55	cps
Scandium	45-2	38850	38944	37533	38443	2.05	cps
Selenium	77-2	57	80	93	77	24.21	cps
Selenium	78-2	265	244	226	245	7.94	cps
Selenium	82-1	14072	13818	14386	14092	2.02	cps
Silicon	28-1	856370	969730	974247	933449	7.16	cps
Silver	109-1	1041036	1044773	1043840	1043216	0.19	cps
Silver	107-1	1094032	1087472	1090481	1090661	0.30	cps
Sodium	23-2	831280	832077	830985	831447	0.07	cps
Strontium	86-1	268458	271630	270226	270105	0.59	cps
Strontium	88-1	2368765	2355806	2326069	2350213	0.93	cps
Sulfur	34-1	528574	526495	527534	527535	0.20	cps
Terbium	159-1	11042201	11058222	11068286	11056236	0.12	cps
Terbium	159-2	2281779	2288475	2275572	2281942	0.28	cps
Thallium	203-1	813920	819366	810737	814674	0.54	cps
Thallium	205-1	1966710	1963122	1998975	1976269	1.00	cps
Tin	118-1	719602	708031	707725	711786	0.95	cps
Titanium	47-1	589508	587965	586081	587851	0.29	cps
Uranium	238-1	2617129	2627071	2617883	2620694	0.21	cps
Vanadium	51-2	69870	70021	69230	69707	0.60	cps
Yttrium	89-1	8762753	8905487	8824324	8830855	0.81	cps
Yttrium	89-2	263183	266332	261099	263538	1.00	cps
Zinc	66-2	30280	31292	30678	30750	1.66	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:31:20	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1457256	1478288	1455293	1463613	0.87	cps
Zirconium	91-1	321906	323650	322381	322646	0.28	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:34:56 DataFile Name : 008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	28939	29405	29586	29310	1.14	cps
Antimony	121-1	2129579	2101298	2108898	2113258	0.69	cps
Arsenic	75-2	22075	22209	22279	22188	0.47	cps
Barium	135-1	2211766	2212069	2190735	2204857	0.55	cps
Barium	137-1	3799609	3770821	3809452	3793294	0.53	cps
Beryllium	9-1	303336	304765	304766	304289	0.27	cps
Bismuth	209-1	6725265	7110848	6975113	6937075	2.82	cps
Bismuth	209-2	1939644	1932549	1939967	1937387	0.22	cps
Boron	10-1	34267	34584	35287	34713	1.50	cps
Boron	11-1	163599	170568	170189	168119	2.33	cps
Cadmium	111-1	448769	444826	446209	446602	0.45	cps
Cadmium	106-1	50136	48530	49165	49277	1.64	cps
Cadmium	108-1	32034	32189	32009	32077	0.30	cps
Calcium	43-1	467606	468876	465932	467471	0.32	cps
Calcium	44-1	7621939	7529986	7640044	7597323	0.78	cps
Chromium	52-2	186707	186863	185907	186492	0.28	cps
Cobalt	59-2	406025	399015	399098	401379	1.00	cps
Copper	63-2	690360	688505	688939	689268	0.14	cps
Dysprosium	156-1	25	8	25	19	49.50	cps
Dysprosium	156-2	10	0	7	6	91.64	cps
Erbium	164-1	75	83	42	67	33.07	cps
Erbium	164-2	0	7	23	10	120.16	cps
Gadolinium	160-1	100	75	117	97	21.57	cps
Gadolinium	160-2	17	10	17	14	26.66	cps
Holmium	165-1	10498790	10875477	10818781	10731016	1.89	cps
Holmium	165-2	2391821	2368646	2357765	2372744	0.73	cps
Indium	115-1	8249079	8534973	8495916	8426656	1.84	cps
Indium	115-2	353277	347984	352282	351181	0.80	cps
Iron	56-2	6152547	6187674	6162356	6167525	0.29	cps
Iron	57-2	156766	157047	155743	156518	0.44	cps
Krypton	83-1	437	400	350	396	11.00	cps
Lead	206-1	1329507	1314596	1333566	1325890	0.75	cps
Lead	207-1	1193285	1190995	1197342	1193874	0.27	cps
Lead	208-1	5446766	5416273	5433222	5432087	0.28	cps
Lithium	6-1	1556076	1637344	1618596	1604006	2.65	cps
Magnesium	24-2	732591	734534	727860	731662	0.47	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:34:56	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	104672	104359	104675	104569	0.17	cps
Molybdenum	94-1	3459176	3484240	3455714	3466377	0.45	cps
Molybdenum	95-1	4234376	4272783	4255185	4254115	0.45	cps
Molybdenum	96-1	4740359	4732079	4738816	4737085	0.09	cps
Molybdenum	97-1	2656050	2666538	2694889	2672492	0.75	cps
Molybdenum	98-1	6768290	6848394	6817499	6811394	0.59	cps
Neodymium	150-1	87	40	87	71	37.89	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	117742	117702	117003	117482	0.35	cps
Phosphorus	31-2	2000	2125	2050	2059	3.06	cps
Potassium	39-2	184960	186697	189567	187075	1.24	cps
Rhodium	103-1	7663635	7912419	7903936	7826664	1.80	cps
Rhodium	103-2	2114478	2082318	2076941	2091246	0.97	cps
Scandium	45-1	5062675	5211972	5253616	5176088	1.94	cps
Scandium	45-2	38399	37737	38663	38267	1.25	cps
Selenium	77-2	167	153	157	159	4.37	cps
Selenium	78-2	535	502	506	514	3.55	cps
Selenium	82-1	27998	27902	27566	27822	0.81	cps
Silicon	28-1	1287199	1301839	1300837	1296625	0.63	cps
Silver	109-1	2109614	2098178	2070543	2092778	0.96	cps
Silver	107-1	2196499	2184320	2196005	2192275	0.31	cps
Sodium	23-2	1677475	1685494	1691329	1684766	0.41	cps
Strontium	86-1	542311	539317	537936	539855	0.41	cps
Strontium	88-1	4692331	4658261	4627584	4659392	0.70	cps
Sulfur	34-1	591645	589224	588044	589638	0.31	cps
Terbium	159-1	10764685	11154194	11120587	11013155	1.96	cps
Terbium	159-2	2256814	2230116	2253526	2246819	0.65	cps
Thallium	203-1	1647325	1633803	1640705	1640611	0.41	cps
Thallium	205-1	3967825	3893190	3993149	3951388	1.32	cps
Tin	118-1	1427995	1421480	1418227	1422567	0.35	cps
Titanium	47-1	1169228	1162059	1168958	1166748	0.35	cps
Uranium	238-1	5253521	5212374	5161295	5209064	0.89	cps
Vanadium	51-2	138503	137685	138661	138283	0.38	cps
Yttrium	89-1	8559684	8893955	8859290	8770976	2.10	cps
Yttrium	89-2	263436	260273	260897	261535	0.64	cps
Zinc	66-2	60779	60759	60826	60788	0.06	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:34:56	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2914194	2915794	2920595	2916861	0.11	cps
Zirconium	91-1	646545	646277	641467	644763	0.44	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58193	56870	57934	57665	1.22	cps
Antimony	121-1	4149221	4220441	4188460	4186040	0.85	cps
Arsenic	75-2	44590	44196	44728	44505	0.62	cps
Barium	135-1	4357460	4396993	4325787	4360080	0.82	cps
Barium	137-1	7415094	7558844	7491636	7488524	0.96	cps
Beryllium	9-1	602862	605563	606462	604963	0.31	cps
Bismuth	209-1	7063330	6829167	6809177	6900558	2.05	cps
Bismuth	209-2	1939649	1904743	1936729	1927040	1.00	cps
Boron	10-1	67392	69821	71285	69499	2.83	cps
Boron	11-1	326186	330673	339893	332251	2.10	cps
Cadmium	111-1	879763	881202	886499	882488	0.40	cps
Cadmium	106-1	96789	94674	94203	95222	1.45	cps
Cadmium	108-1	63503	64533	62683	63573	1.46	cps
Calcium	43-1	936630	932340	939468	936146	0.38	cps
Calcium	44-1	15230862	15248739	15174434	15218012	0.25	cps
Chromium	52-2	366684	368924	367051	367553	0.33	cps
Cobalt	59-2	790925	788389	797995	792436	0.63	cps
Copper	63-2	1353196	1351111	1359964	1354757	0.34	cps
Dysprosium	156-1	42	58	75	58	28.57	cps
Dysprosium	156-2	0	0	10	3	173.21	cps
Erbium	164-1	75	33	75	61	39.36	cps
Erbium	164-2	3	10	13	9	57.30	cps
Gadolinium	160-1	92	67	142	100	38.19	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	10907165	10719809	10648236	10758403	1.24	cps
Holmium	165-2	2376473	2377675	2351486	2368545	0.62	cps
Indium	115-1	8565382	8346904	8297804	8403363	1.70	cps
Indium	115-2	349657	347839	349187	348895	0.27	cps
Iron	56-2	12340336	12138997	12228869	12236067	0.82	cps
Iron	57-2	313446	308177	309511	310378	0.88	cps
Krypton	83-1	437	417	400	418	4.39	cps
Lead	206-1	2663017	2691395	2685484	2679965	0.56	cps
Lead	207-1	2430877	2416145	2414551	2420524	0.37	cps
Lead	208-1	10840003	10894215	10781704	10838641	0.52	cps
Lithium	6-1	1620981	1592852	1575156	1596330	1.45	cps
Magnesium	24-2	1480818	1457063	1463828	1467236	0.83	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	207422	207525	207257	207401	0.07	cps
Molybdenum	94-1	6838733	6861251	6831713	6843899	0.23	cps
Molybdenum	95-1	8315539	8393110	8377734	8362128	0.49	cps
Molybdenum	96-1	9313730	9439097	9270773	9341200	0.94	cps
Molybdenum	97-1	5256440	5238606	5178220	5224422	0.78	cps
Molybdenum	98-1	13455996	13519634	13576676	13517435	0.45	cps
Neodymium	150-1	247	247	180	224	17.15	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	233891	233019	232566	233159	0.29	cps
Phosphorus	31-2	3934	3951	3701	3862	3.62	cps
Potassium	39-2	366992	369988	366341	367774	0.53	cps
Rhodium	103-1	7806796	7800053	7620783	7742544	1.36	cps
Rhodium	103-2	2119482	2061261	2088683	2089809	1.39	cps
Scandium	45-1	5275282	5093559	5078948	5149263	2.12	cps
Scandium	45-2	38516	38332	39158	38669	1.12	cps
Selenium	77-2	303	330	253	296	13.17	cps
Selenium	78-2	1059	1069	1033	1054	1.73	cps
Selenium	82-1	55172	55449	55731	55451	0.50	cps
Silicon	28-1	2139784	2167967	2157051	2154934	0.66	cps
Silver	109-1	4098519	4132206	4106059	4112261	0.43	cps
Silver	107-1	4286639	4318899	4312957	4306165	0.40	cps
Sodium	23-2	3287315	3256305	3306196	3283272	0.77	cps
Strontium	86-1	1074700	1079129	1082479	1078769	0.36	cps
Strontium	88-1	9260579	9265604	9172356	9232846	0.57	cps
Sulfur	34-1	722690	720250	727199	723380	0.49	cps
Terbium	159-1	11220781	11050260	10935886	11068976	1.30	cps
Terbium	159-2	2258136	2271372	2265601	2265036	0.29	cps
Thallium	203-1	3249674	3300615	3302997	3284429	0.92	cps
Thallium	205-1	7689441	7806137	7735115	7743564	0.76	cps
Tin	118-1	2843430	2869262	2883109	2865267	0.70	cps
Titanium	47-1	2360146	2378192	2344628	2360989	0.71	cps
Uranium	238-1	10302295	10381027	10361274	10348199	0.40	cps
Vanadium	51-2	276606	275209	277172	276329	0.37	cps
Yttrium	89-1	8922445	8732668	8732036	8795716	1.25	cps
Yttrium	89-2	263550	260207	263109	262289	0.69	cps
Zinc	66-2	121957	120131	119781	120623	0.97	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:38:28	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5736706	5754785	5817062	5769518	0.73	cps
Zirconium	91-1	1289958	1293487	1289138	1290861	0.18	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	114604	114219	114972	114598	0.33	cps
Antimony	121-1	8243509	8220388	8269187	8244361	0.30	cps
Arsenic	75-2	88401	88613	88807	88607	0.23	cps
Barium	135-1	8663740	8542309	8647744	8617931	0.77	cps
Barium	137-1	15001245	14806643	15068643	14958843	0.91	cps
Beryllium	9-1	1185685	1194051	1190098	1189945	0.35	cps
Bismuth	209-1	6484284	6886964	6879950	6750399	3.41	cps
Bismuth	209-2	1867794	1917036	1875089	1886640	1.41	cps
Boron	10-1	135433	138749	141475	138552	2.18	cps
Boron	11-1	644161	665679	675683	661841	2.43	cps
Cadmium	111-1	1755542	1763623	1766762	1761976	0.33	cps
Cadmium	106-1	187395	186590	184478	186154	0.81	cps
Cadmium	108-1	124531	124312	126835	125226	1.12	cps
Calcium	43-1	1903584	1870669	1884168	1886140	0.88	cps
Calcium	44-1	30287293	30240855	29742863	30090337	1.00	cps
Chromium	52-2	733107	735440	737039	735195	0.27	cps
Cobalt	59-2	1590252	1553371	1580889	1574838	1.22	cps
Copper	63-2	2700426	2675827	2713841	2696698	0.71	cps
Dysprosium	156-1	75	125	125	108	26.65	cps
Dysprosium	156-2	7	10	7	8	24.71	cps
Erbium	164-1	58	58	33	50	28.88	cps
Erbium	164-2	10	13	13	12	15.73	cps
Gadolinium	160-1	167	133	92	131	28.78	cps
Gadolinium	160-2	37	13	20	23	51.52	cps
Holmium	165-1	10380464	10802997	10852172	10678545	2.43	cps
Holmium	165-2	2339876	2378256	2366290	2361474	0.83	cps
Indium	115-1	7927250	8373904	8345934	8215696	3.05	cps
Indium	115-2	338372	345281	338817	340823	1.13	cps
Iron	56-2	24237263	24186975	24379103	24267780	0.41	cps
Iron	57-2	615933	614629	616901	615821	0.19	cps
Krypton	83-1	437	430	420	429	1.96	cps
Lead	206-1	5217394	5188162	5215698	5207085	0.32	cps
Lead	207-1	4712698	4740429	4737899	4730342	0.32	cps
Lead	208-1	21104031	21091373	21120029	21105144	0.07	cps
Lithium	6-1	1517311	1576687	1574882	1556293	2.17	cps
Magnesium	24-2	2916751	2863573	2922694	2901006	1.12	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	412275	408489	413110	411291	0.60	cps
Molybdenum	94-1	13657465	13661429	13747798	13688898	0.37	cps
Molybdenum	95-1	16629206	16624666	16681321	16645064	0.19	cps
Molybdenum	96-1	18661319	18696798	18638347	18665488	0.16	cps
Molybdenum	97-1	10378286	10348794	10368861	10365313	0.15	cps
Molybdenum	98-1	26820740	26861780	26942895	26875138	0.23	cps
Neodymium	150-1	380	300	340	340	11.76	cps
Neodymium	150-2	0	7	20	9	114.55	cps
Nickel	60-2	458174	451446	455285	454968	0.74	cps
Phosphorus	31-2	8253	7411	7861	7841	5.37	cps
Potassium	39-2	725932	722961	729459	726117	0.45	cps
Rhodium	103-1	7329654	7696647	7636009	7554103	2.60	cps
Rhodium	103-2	2021745	2090582	2027814	2046714	1.86	cps
Scandium	45-1	5046233	5196878	5164841	5135984	1.55	cps
Scandium	45-2	38600	38830	38480	38636	0.46	cps
Selenium	77-2	567	537	613	572	6.75	cps
Selenium	78-2	2076	2052	2054	2061	0.65	cps
Selenium	82-1	109535	109877	110807	110073	0.60	cps
Silicon	28-1	3611607	3607465	3687435	3635502	1.24	cps
Silver	109-1	8005146	8036512	8049249	8030302	0.28	cps
Silver	107-1	8399550	8399939	8388616	8396035	0.08	cps
Sodium	23-2	6438603	6415618	6461825	6438682	0.36	cps
Strontium	86-1	2204751	2161483	2126159	2164131	1.82	cps
Strontium	88-1	18519891	18289224	18391406	18400174	0.63	cps
Sulfur	34-1	853239	850242	855440	852974	0.31	cps
Terbium	159-1	10519182	11174105	11101871	10931719	3.28	cps
Terbium	159-2	2245719	2258374	2202660	2235584	1.31	cps
Thallium	203-1	6408076	6359768	6463770	6410538	0.81	cps
Thallium	205-1	15207285	15207422	15319899	15244868	0.43	cps
Tin	118-1	5573401	5592666	5637272	5601113	0.58	cps
Titanium	47-1	4655401	4573973	4603492	4610955	0.89	cps
Uranium	238-1	20416920	20495363	20690679	20534321	0.69	cps
Vanadium	51-2	552842	549897	555177	552638	0.48	cps
Yttrium	89-1	8429912	8852172	8847019	8709701	2.78	cps
Yttrium	89-2	260397	264406	259125	261309	1.05	cps
Zinc	66-2	237681	236237	238905	237608	0.56	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:41:55	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11420137	11513838	11476927	11470301	0.41	cps
Zirconium	91-1	2649801	2639692	2645664	2645052	0.19	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:45:16	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	576085	579098	576341	577175	0.29	cps
Antimony	121-1	23722	22128	20934	22261	6.28	cps
Arsenic	75-2	152	152	167	157	5.46	cps
Barium	135-1	1625	1584	1750	1653	5.25	cps
Barium	137-1	2792	2792	2784	2789	0.17	cps
Beryllium	9-1	728	817	667	737	10.23	cps
Bismuth	209-1	6209793	6076754	6041379	6109309	1.45	cps
Bismuth	209-2	1767532	1836646	1806427	1803535	1.92	cps
Boron	10-1	7878	7185	6710	7258	8.09	cps
Boron	11-1	36673	33515	31560	33916	7.61	cps
Cadmium	111-1	2259	2039	1984	2094	6.94	cps
Cadmium	106-1	2467	2284	2242	2331	5.14	cps
Cadmium	108-1	50	79	63	64	22.91	cps
Calcium	43-1	9050709	9270804	9265588	9195700	1.37	cps
Calcium	44-1	149664970	150401945	150901283	150322733	0.41	cps
Chromium	52-2	29762	29782	30260	29934	0.94	cps
Cobalt	59-2	19337	19484	19083	19301	1.05	cps
Copper	63-2	6548	6932	6792	6757	2.87	cps
Dysprosium	156-1	83	58	117	86	33.98	cps
Dysprosium	156-2	13	20	10	14	35.26	cps
Erbium	164-1	58	33	25	39	44.61	cps
Erbium	164-2	3	7	3	4	43.40	cps
Gadolinium	160-1	133	83	133	117	24.74	cps
Gadolinium	160-2	37	33	40	37	9.10	cps
Holmium	165-1	10346560	10176473	10063660	10195564	1.40	cps
Holmium	165-2	2341122	2398421	2372797	2370780	1.21	cps
Indium	115-1	7932942	7807196	7791521	7843886	0.99	cps
Indium	115-2	347309	354259	350469	350679	0.99	cps
Iron	56-2	118654064	118915811	118632255	118734043	0.13	cps
Iron	57-2	3034809	3074787	3030768	3046788	0.80	cps
Krypton	83-1	393	430	350	391	10.24	cps
Lead	206-1	32459	31980	31222	31887	1.96	cps
Lead	207-1	26890	26551	26940	26794	0.79	cps
Lead	208-1	125125	125379	124787	125097	0.24	cps
Lithium	6-1	1561503	1515689	1522004	1533066	1.62	cps
Magnesium	24-2	13932057	14057674	14097354	14029028	0.62	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : S8 Instrumnet Name : P8
 Client Sample ID : S8 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 15:45:16 DataFile Name : 011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	2320	2014	2110	2148	7.30	cps
Molybdenum	94-1	18839	18138	16961	17979	5.28	cps
Molybdenum	95-1	30577	29600	28606	29594	3.33	cps
Molybdenum	96-1	34971	33534	33083	33863	2.91	cps
Molybdenum	97-1	19231	18655	18613	18833	1.83	cps
Molybdenum	98-1	46623	47718	46523	46955	1.41	cps
Neodymium	150-1	87	113	80	93	18.90	cps
Neodymium	150-2	17	7	10	11	45.82	cps
Nickel	60-2	15032	14948	15112	15031	0.54	cps
Phosphorus	31-2	25	8	17	17	50.01	cps
Potassium	39-2	3667542	3646840	3690502	3668295	0.60	cps
Rhodium	103-1	7112400	7087592	7024458	7074817	0.64	cps
Rhodium	103-2	1966105	1994711	1987910	1982909	0.75	cps
Scandium	45-1	5061514	4977486	5017579	5018860	0.84	cps
Scandium	45-2	38580	39713	39683	39325	1.64	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	89	23	128	80	66.14	cps
Silicon	28-1	533326	535487	542729	537181	0.92	cps
Silver	109-1	892	858	858	870	2.21	cps
Silver	107-1	1200	1192	925	1106	14.15	cps
Sodium	23-2	31386249	31801590	31480475	31556105	0.69	cps
Strontium	86-1	11047	10905	10513	10821	2.56	cps
Strontium	88-1	89769	89325	91281	90125	1.14	cps
Sulfur	34-1	424979	427690	425844	426171	0.32	cps
Terbium	159-1	10613439	10454986	10334599	10467675	1.34	cps
Terbium	159-2	2223368	2290143	2251067	2254859	1.49	cps
Thallium	203-1	4659	4209	3834	4234	9.76	cps
Thallium	205-1	10071	10338	9821	10077	2.57	cps
Tin	118-1	28681	27805	26911	27799	3.18	cps
Titanium	47-1	2734	2567	2434	2578	5.83	cps
Uranium	238-1	2759	2525	2309	2531	8.89	cps
Vanadium	51-2	217	227	227	223	2.59	cps
Yttrium	89-1	8526925	8398495	8359474	8428298	1.04	cps
Yttrium	89-2	264300	269617	268765	267561	1.07	cps
Zinc	66-2	1887	2070	1840	1932	6.29	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:45:16	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3684	3309	3042	3345	9.64	cps
Zirconium	91-1	767	625	733	708	10.46	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:58:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2914	3081	3046	3014	2.93	cps
Antimony	121-1	1619640	1603514	1608784	1610646	0.51	cps
Arsenic	75-2	18092	17789	18184	18022	1.15	cps
Barium	135-1	168536	166831	170595	168654	1.12	cps
Barium	137-1	293452	290921	294787	293053	0.67	cps
Beryllium	9-1	121687	119306	118814	119936	1.28	cps
Bismuth	209-1	6702971	6742258	6395245	6613491	2.87	cps
Bismuth	209-2	1970638	2001298	1983525	1985154	0.78	cps
Boron	10-1	70550	73213	74561	72775	2.81	cps
Boron	11-1	330991	341996	348862	340616	2.65	cps
Cadmium	111-1	179053	179481	178835	179123	0.18	cps
Cadmium	106-1	30652	31638	29834	30708	2.94	cps
Cadmium	108-1	16656	16214	16302	16391	1.43	cps
Calcium	43-1	41521	40050	41179	40917	1.88	cps
Calcium	44-1	655202	653714	652625	653847	0.20	cps
Chromium	52-2	74403	73525	74286	74071	0.64	cps
Cobalt	59-2	162245	160863	161612	161573	0.43	cps
Copper	63-2	139670	140270	139323	139754	0.34	cps
Dysprosium	156-1	8	8	0	6	86.60	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	75	25	92	64	54.31	cps
Erbium	164-2	13	13	13	13	0.00	cps
Gadolinium	160-1	92	75	117	94	22.21	cps
Gadolinium	160-2	37	10	20	22	60.63	cps
Holmium	165-1	10246945	10488398	10028840	10254727	2.24	cps
Holmium	165-2	2387939	2379644	2396474	2388019	0.35	cps
Indium	115-1	8297648	8329432	8000434	8209171	2.21	cps
Indium	115-2	364619	360748	366136	363834	0.76	cps
Iron	56-2	503418	503489	508721	505209	0.60	cps
Iron	57-2	12912	12473	12851	12745	1.87	cps
Krypton	83-1	307	360	370	346	9.85	cps
Lead	206-1	1019412	1028259	1035314	1027662	0.78	cps
Lead	207-1	888049	895688	897125	893621	0.55	cps
Lead	208-1	4155784	4167338	4139135	4154086	0.34	cps
Lithium	6-1	1567415	1602896	1542181	1570831	1.94	cps
Magnesium	24-2	35646	34978	35019	35214	1.06	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:58:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20402	20776	20672	20617	0.94	cps
Molybdenum	94-1	3050116	3019516	2992967	3020866	0.95	cps
Molybdenum	95-1	1816269	1798193	1824295	1812919	0.74	cps
Molybdenum	96-1	2287609	2278763	2294452	2286941	0.34	cps
Molybdenum	97-1	1111619	1108243	1120731	1113531	0.58	cps
Molybdenum	98-1	2888990	2895192	2890297	2891493	0.11	cps
Neodymium	150-1	20	0	40	20	100.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	48046	48300	48056	48134	0.30	cps
Phosphorus	31-2	8	0	25	11	114.58	cps
Potassium	39-2	33650	32965	33967	33527	1.53	cps
Rhodium	103-1	7853895	7854693	7473779	7727455	2.84	cps
Rhodium	103-2	2162990	2155913	2176138	2165013	0.47	cps
Scandium	45-1	5178951	5199634	5008353	5128979	2.05	cps
Scandium	45-2	40428	40489	40191	40369	0.39	cps
Selenium	77-2	133	97	140	123	18.92	cps
Selenium	78-2	430	385	391	402	6.03	cps
Selenium	82-1	22380	21996	22062	22146	0.93	cps
Silicon	28-1	426193	421101	426048	424447	0.68	cps
Silver	109-1	732732	738017	731660	734137	0.46	cps
Silver	107-1	773444	772933	774226	773534	0.08	cps
Sodium	23-2	141017	142465	140286	141256	0.79	cps
Strontium	86-1	1018362	1016022	1028783	1021056	0.67	cps
Strontium	88-1	8709974	8753867	8767776	8743872	0.35	cps
Sulfur	34-1	444501	440376	437840	440906	0.76	cps
Terbium	159-1	10627027	10732458	10246030	10535171	2.43	cps
Terbium	159-2	2296276	2264255	2286460	2282330	0.72	cps
Thallium	203-1	1275582	1275486	1293203	1281424	0.80	cps
Thallium	205-1	3126143	3106730	3180747	3137873	1.22	cps
Tin	118-1	2648453	2674657	2666738	2663283	0.50	cps
Titanium	47-1	444136	449415	446690	446747	0.59	cps
Uranium	238-1	9947785	9988244	9935800	9957276	0.28	cps
Vanadium	51-2	56630	55255	55965	55950	1.23	cps
Yttrium	89-1	8700570	8787383	8303349	8597101	3.00	cps
Yttrium	89-2	269662	269527	272582	270590	0.64	cps
Zinc	66-2	25474	25153	25196	25274	0.69	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 15:58:22	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5349750	5377478	5451614	5392947	0.98	cps
Zirconium	91-1	1199204	1201370	1209797	1203457	0.47	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	158	120	143	13.93	cps
Antimony	121-1	16936	17320	16920	17059	1.33	cps
Arsenic	75-2	96	89	91	92	4.19	cps
Barium	135-1	16060	16277	15476	15938	2.60	cps
Barium	137-1	27129	27705	27956	27597	1.54	cps
Beryllium	9-1	1450	1383	1356	1396	3.48	cps
Bismuth	209-1	6510052	6607136	6574192	6563793	0.75	cps
Bismuth	209-2	1968423	1949268	1954505	1957399	0.51	cps
Boron	10-1	4242	4251	4543	4345	3.93	cps
Boron	11-1	22510	21384	20974	21623	3.68	cps
Cadmium	111-1	2976	3233	3067	3092	4.21	cps
Cadmium	106-1	1967	2342	2117	2142	8.81	cps
Cadmium	108-1	108	117	117	114	4.22	cps
Calcium	43-1	9437	9403	9779	9540	2.18	cps
Calcium	44-1	165576	164589	164522	164895	0.36	cps
Chromium	52-2	1954	2070	2037	2020	2.98	cps
Cobalt	59-2	1650	1680	1707	1679	1.69	cps
Copper	63-2	2990	3194	3164	3116	3.52	cps
Dysprosium	156-1	17	0	8	8	100.02	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	50	75	25	50	50.00	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	10	7	13	10	33.30	cps
Holmium	165-1	10082981	10221446	10051107	10118511	0.89	cps
Holmium	165-2	2369964	2361956	2338194	2356705	0.70	cps
Indium	115-1	8251988	8255836	8243803	8250542	0.07	cps
Indium	115-2	361436	365007	364543	363662	0.53	cps
Iron	56-2	26565	26882	26420	26622	0.89	cps
Iron	57-2	600	633	694	643	7.45	cps
Krypton	83-1	347	337	337	340	1.70	cps
Lead	206-1	5524	5362	5396	5427	1.57	cps
Lead	207-1	4651	5274	4951	4959	6.28	cps
Lead	208-1	21658	22536	21869	22021	2.08	cps
Lithium	6-1	1548622	1583784	1556300	1562902	1.18	cps
Magnesium	24-2	13866	13666	14541	14024	3.27	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	287	270	327	294	9.89	cps
Molybdenum	94-1	15943	15743	15485	15724	1.46	cps
Molybdenum	95-1	16402	16477	16669	16516	0.83	cps
Molybdenum	96-1	17963	18872	18488	18441	2.48	cps
Molybdenum	97-1	10430	10404	9871	10235	3.08	cps
Molybdenum	98-1	26268	25116	26009	25798	2.34	cps
Neodymium	150-1	7	20	13	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	800	743	793	779	3.98	cps
Phosphorus	31-2	17	8	25	17	50.01	cps
Potassium	39-2	10863	10554	10429	10616	2.10	cps
Rhodium	103-1	7698667	7698387	7775131	7724061	0.57	cps
Rhodium	103-2	2116504	2130931	2115668	2121034	0.40	cps
Scandium	45-1	5083671	5117201	5144972	5115282	0.60	cps
Scandium	45-2	40004	39496	39208	39569	1.02	cps
Selenium	77-2	7	3	3	4	43.40	cps
Selenium	78-2	20	6	13	13	57.12	cps
Selenium	82-1	510	591	545	549	7.35	cps
Silicon	28-1	455679	460616	459862	458719	0.58	cps
Silver	109-1	8703	7761	8069	8178	5.87	cps
Silver	107-1	8336	8295	8245	8292	0.55	cps
Sodium	23-2	40952	41637	41671	41420	0.98	cps
Strontium	86-1	2709	2867	2384	2653	9.29	cps
Strontium	88-1	18864	18138	18688	18563	2.04	cps
Sulfur	34-1	449795	449418	450861	450025	0.17	cps
Terbium	159-1	10360297	10508902	10460674	10443291	0.73	cps
Terbium	159-2	2256359	2254413	2243468	2251413	0.31	cps
Thallium	203-1	6202	6102	6210	6171	0.98	cps
Thallium	205-1	15652	15685	14943	15427	2.72	cps
Tin	118-1	27813	27429	28364	27869	1.69	cps
Titanium	47-1	4618	4843	4576	4679	3.07	cps
Uranium	238-1	18373	18431	18039	18281	1.16	cps
Vanadium	51-2	2660	2757	2604	2674	2.90	cps
Yttrium	89-1	8520682	8530795	8559567	8537015	0.24	cps
Yttrium	89-2	267104	265831	266952	266629	0.26	cps
Zinc	66-2	300	380	427	369	17.37	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:14:08	DataFile Name :	013LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	16511	16995	16820	16775	1.46	cps
Zirconium	91-1	3676	3559	3609	3615	1.62	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:17:29 DataFile Name : 014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	28	25	23	29.41	cps
Antimony	121-1	725	683	867	758	12.67	cps
Arsenic	75-2	4	2	4	3	34.64	cps
Barium	135-1	17	33	92	47	83.40	cps
Barium	137-1	108	50	67	75	40.06	cps
Beryllium	9-1	200	161	250	204	21.87	cps
Bismuth	209-1	6591312	6616246	6372893	6526817	2.05	cps
Bismuth	209-2	1981278	1957239	1996157	1978224	0.99	cps
Boron	10-1	1575	1584	1525	1561	2.02	cps
Boron	11-1	7085	6443	6243	6591	6.67	cps
Cadmium	111-1	1429	1491	1284	1402	7.58	cps
Cadmium	106-1	2050	2117	1825	1997	7.65	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	675	742	767	728	6.51	cps
Calcium	44-1	21075	20658	21100	20944	1.19	cps
Chromium	52-2	377	427	460	421	9.96	cps
Cobalt	59-2	77	90	77	81	9.49	cps
Copper	63-2	353	393	430	392	9.78	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	3	0	4	114.60	cps
Erbium	164-1	8	25	33	22	57.29	cps
Erbium	164-2	10	7	0	6	91.64	cps
Gadolinium	160-1	92	92	92	92	0.00	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	10063824	10171190	9863904	10032973	1.55	cps
Holmium	165-2	2384781	2366534	2378467	2376594	0.39	cps
Indium	115-1	8190848	8254919	8071480	8172416	1.14	cps
Indium	115-2	367659	361914	366338	365304	0.82	cps
Iron	56-2	1439	1550	1306	1432	8.55	cps
Iron	57-2	44	78	50	57	31.11	cps
Krypton	83-1	420	407	357	394	8.46	cps
Lead	206-1	344	378	517	413	22.12	cps
Lead	207-1	422	394	356	391	8.57	cps
Lead	208-1	1756	1722	1711	1730	1.34	cps
Lithium	6-1	1545134	1559354	1548698	1551062	0.48	cps
Magnesium	24-2	325	367	367	353	6.82	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:17:29	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	27	27	40	31	24.74	cps
Molybdenum	94-1	742	650	742	711	7.44	cps
Molybdenum	95-1	392	317	342	350	10.91	cps
Molybdenum	96-1	508	467	533	503	6.70	cps
Molybdenum	97-1	275	242	283	267	8.27	cps
Molybdenum	98-1	483	533	525	514	5.21	cps
Neodymium	150-1	20	20	0	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	310	273	223	269	16.18	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	2909	3134	3159	3067	4.49	cps
Rhodium	103-1	7713862	7788099	7522359	7674773	1.79	cps
Rhodium	103-2	2168416	2118762	2166887	2151355	1.31	cps
Scandium	45-1	5078219	5147966	5025398	5083861	1.21	cps
Scandium	45-2	40963	40231	40318	40504	0.99	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-24	-5	-12	-14	-66.95	cps
Silicon	28-1	399602	400853	400553	400336	0.16	cps
Silver	109-1	33	33	67	44	43.31	cps
Silver	107-1	117	58	92	89	32.92	cps
Sodium	23-2	8244	8728	9003	8659	4.44	cps
Strontium	86-1	617	533	700	617	13.51	cps
Strontium	88-1	192	167	108	156	27.49	cps
Sulfur	34-1	452845	454515	450674	452678	0.43	cps
Terbium	159-1	10464155	10510433	10207974	10394187	1.57	cps
Terbium	159-2	2267242	2242499	2281284	2263675	0.87	cps
Thallium	203-1	408	292	350	350	16.67	cps
Thallium	205-1	867	675	825	789	12.78	cps
Tin	118-1	1525	1325	1467	1439	7.15	cps
Titanium	47-1	192	125	167	161	20.90	cps
Uranium	238-1	50	42	33	42	20.00	cps
Vanadium	51-2	13	7	3	8	65.47	cps
Yttrium	89-1	8428619	8685402	8415142	8509721	1.79	cps
Yttrium	89-2	271287	266009	270858	269385	1.09	cps
Zinc	66-2	113	107	127	116	8.81	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:17:29	DataFile Name :	014CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1392	1433	1417	1414	1.48	cps
Zirconium	91-1	267	442	375	361	24.46	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:20:51 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	523047	526873	525830	525250	0.38	cps
Antimony	121-1	9395	8953	10071	9473	5.94	cps
Arsenic	75-2	22	31	30	28	17.64	cps
Barium	135-1	2467	2600	2525	2531	2.64	cps
Barium	137-1	3976	4318	4059	4118	4.33	cps
Beryllium	9-1	567	600	444	537	15.25	cps
Bismuth	209-1	6334635	6454906	6511429	6433657	1.40	cps
Bismuth	209-2	1883072	1875213	1892264	1883516	0.45	cps
Boron	10-1	1525	1492	1400	1472	4.40	cps
Boron	11-1	7636	7928	7611	7725	2.28	cps
Cadmium	111-1	1985	2076	2089	2050	2.77	cps
Cadmium	106-1	2042	2059	2134	2078	2.35	cps
Cadmium	108-1	1171	1004	1096	1090	7.66	cps
Calcium	43-1	1808799	1789107	1812937	1803614	0.71	cps
Calcium	44-1	29142182	29128488	28977083	29082584	0.32	cps
Chromium	52-2	15025	14488	14618	14710	1.91	cps
Cobalt	59-2	1717	1707	1900	1775	6.13	cps
Copper	63-2	10588	10441	10981	10670	2.62	cps
Dysprosium	156-1	25	75	25	42	69.28	cps
Dysprosium	156-2	10	10	0	7	86.60	cps
Erbium	164-1	50	67	58	58	14.29	cps
Erbium	164-2	27	13	20	20	33.35	cps
Gadolinium	160-1	100	100	50	83	34.64	cps
Gadolinium	160-2	17	7	10	11	45.82	cps
Holmium	165-1	10204046	10351527	10451339	10335637	1.20	cps
Holmium	165-2	2352611	2369535	2346226	2356124	0.51	cps
Indium	115-1	8094177	8164726	8226191	8161698	0.81	cps
Indium	115-2	350195	349945	348596	349579	0.25	cps
Iron	56-2	47477466	47387132	47698540	47521046	0.34	cps
Iron	57-2	1198081	1195157	1205381	1199540	0.44	cps
Krypton	83-1	413	407	377	399	4.90	cps
Lead	206-1	23817	23494	23773	23695	0.74	cps
Lead	207-1	19421	18364	18954	18913	2.80	cps
Lead	208-1	91714	88678	90589	90327	1.70	cps
Lithium	6-1	1515124	1510634	1542443	1522734	1.13	cps
Magnesium	24-2	2749254	2762454	2755463	2755724	0.24	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:20:51 DataFile Name : 015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1597	1660	1430	1562	7.61	cps
Molybdenum	94-1	3621221	3620179	3675361	3638920	0.87	cps
Molybdenum	95-1	6251863	6281705	6282840	6272136	0.28	cps
Molybdenum	96-1	6708111	6750600	6725304	6728005	0.32	cps
Molybdenum	97-1	3922461	3961088	3933007	3938852	0.51	cps
Molybdenum	98-1	10154760	10138826	10183817	10159134	0.22	cps
Neodymium	150-1	47	33	53	44	22.92	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	2487	2630	2734	2617	4.73	cps
Phosphorus	31-2	37985	38712	38846	38515	1.20	cps
Potassium	39-2	1439063	1436640	1424061	1433255	0.56	cps
Rhodium	103-1	7402182	7458448	7512011	7457547	0.74	cps
Rhodium	103-2	2051534	2070840	2043460	2055278	0.68	cps
Scandium	45-1	5069247	5106728	5101191	5092389	0.40	cps
Scandium	45-2	38603	38476	39071	38717	0.81	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	4	2	6	4	50.09	cps
Selenium	82-1	-54	-33	-19	-35	-50.83	cps
Silicon	28-1	542895	539939	537476	540103	0.50	cps
Silver	109-1	350	350	433	378	12.74	cps
Silver	107-1	325	425	525	425	23.53	cps
Sodium	23-2	6275095	6271308	6329274	6291892	0.52	cps
Strontium	86-1	71194	71261	69820	70758	1.15	cps
Strontium	88-1	610414	615264	612818	612832	0.40	cps
Sulfur	34-1	2501780	2514777	2497167	2504575	0.36	cps
Terbium	159-1	10494346	10610907	10672970	10592741	0.86	cps
Terbium	159-2	2248115	2255102	2244267	2249161	0.24	cps
Thallium	203-1	550	783	917	750	24.75	cps
Thallium	205-1	1767	1750	2042	1853	8.84	cps
Tin	118-1	2359	2559	2142	2353	8.87	cps
Titanium	47-1	1828333	1826383	1825453	1826723	0.08	cps
Uranium	238-1	433	325	350	369	15.35	cps
Vanadium	51-2	80	80	93	84	9.12	cps
Yttrium	89-1	8459034	8570934	8675512	8568494	1.26	cps
Yttrium	89-2	263048	262360	261161	262190	0.36	cps
Zinc	66-2	1437	1393	1357	1396	2.87	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:20:51	DataFile Name :	015ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10822	9479	8278	9526	13.36	cps
Zirconium	91-1	2400	1950	1692	2014	17.80	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:24:06 DataFile Name : 016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	525742	532038	532964	530248	0.74	cps
Antimony	121-1	165522	166299	167691	166504	0.66	cps
Arsenic	75-2	1722	1658	1815	1732	4.57	cps
Barium	135-1	35941	37195	36451	36529	1.73	cps
Barium	137-1	62992	64115	64182	63763	1.05	cps
Beryllium	9-1	24377	24488	24115	24327	0.79	cps
Bismuth	209-1	6485940	6551446	6583603	6540330	0.76	cps
Bismuth	209-2	1890415	1857388	1860969	1869591	0.97	cps
Boron	10-1	8428	8770	8420	8539	2.34	cps
Boron	11-1	41085	41770	41971	41609	1.12	cps
Cadmium	111-1	35488	35872	35103	35488	1.08	cps
Cadmium	106-1	6577	6294	5952	6274	4.99	cps
Cadmium	108-1	3755	3526	3626	3635	3.16	cps
Calcium	43-1	1825450	1848703	1847917	1840690	0.72	cps
Calcium	44-1	29269854	29549549	29739549	29519650	0.80	cps
Chromium	52-2	29224	28830	29037	29030	0.68	cps
Cobalt	59-2	33447	33046	32909	33134	0.84	cps
Copper	63-2	36806	37190	37848	37281	1.41	cps
Dysprosium	156-1	25	25	67	39	61.86	cps
Dysprosium	156-2	3	3	7	4	43.40	cps
Erbium	164-1	42	50	58	50	16.67	cps
Erbium	164-2	10	17	13	13	25.01	cps
Gadolinium	160-1	83	125	58	89	37.89	cps
Gadolinium	160-2	20	20	10	17	34.64	cps
Holmium	165-1	10512325	10438699	10759433	10570152	1.59	cps
Holmium	165-2	2370195	2354333	2357798	2360775	0.35	cps
Indium	115-1	8263122	8295652	8406479	8321751	0.90	cps
Indium	115-2	352555	348788	346263	349202	0.91	cps
Iron	56-2	47600469	47456644	48118232	47725115	0.73	cps
Iron	57-2	1210459	1199976	1208445	1206293	0.46	cps
Krypton	83-1	447	403	360	403	10.74	cps
Lead	206-1	125155	123646	123612	124137	0.71	cps
Lead	207-1	104079	104303	104853	104411	0.38	cps
Lead	208-1	486247	484248	484686	485060	0.22	cps
Lithium	6-1	1568167	1584479	1567026	1573224	0.62	cps
Magnesium	24-2	2741150	2773909	2787971	2767677	0.87	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:24:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5748	5571	5701	5673	1.61	cps
Molybdenum	94-1	3914035	3979757	3978262	3957351	0.95	cps
Molybdenum	95-1	6517679	6589876	6526477	6544677	0.60	cps
Molybdenum	96-1	7036500	7129434	7038120	7068018	0.75	cps
Molybdenum	97-1	4095566	4162245	4114474	4124095	0.83	cps
Molybdenum	98-1	10515703	10574909	10416373	10502328	0.76	cps
Neodymium	150-1	33	40	67	47	37.80	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	11652	11872	11758	11761	0.94	cps
Phosphorus	31-2	37977	38596	39205	38593	1.59	cps
Potassium	39-2	1456088	1418661	1440474	1438408	1.31	cps
Rhodium	103-1	7551300	7642225	7679038	7624187	0.86	cps
Rhodium	103-2	2088936	2069998	2067433	2075456	0.57	cps
Scandium	45-1	5085571	5201287	5259603	5182154	1.71	cps
Scandium	45-2	39068	38406	38483	38652	0.94	cps
Selenium	77-2	13	10	20	14	35.26	cps
Selenium	78-2	22	46	57	42	42.85	cps
Selenium	82-1	2025	1968	2102	2032	3.30	cps
Silicon	28-1	743343	740268	745297	742969	0.34	cps
Silver	109-1	151290	151114	150112	150839	0.42	cps
Silver	107-1	156862	158244	158219	157775	0.50	cps
Sodium	23-2	6400353	6309018	6372657	6360676	0.74	cps
Strontium	86-1	177625	180656	180080	179454	0.90	cps
Strontium	88-1	1562418	1570841	1578221	1570494	0.50	cps
Sulfur	34-1	2497735	2485898	2528933	2504188	0.89	cps
Terbium	159-1	10730087	10913711	10906363	10850054	0.96	cps
Terbium	159-2	2262373	2242769	2201581	2235574	1.39	cps
Thallium	203-1	126306	126787	126047	126380	0.30	cps
Thallium	205-1	300237	301703	301113	301018	0.25	cps
Tin	118-1	278883	274547	274820	276083	0.88	cps
Titanium	47-1	1914072	1933827	1892442	1913447	1.08	cps
Uranium	238-1	992075	992843	980872	988597	0.68	cps
Vanadium	51-2	11098	10541	10868	10835	2.58	cps
Yttrium	89-1	8696185	8755976	8860359	8770840	0.95	cps
Yttrium	89-2	264474	263920	263286	263893	0.23	cps
Zinc	66-2	4134	3754	3934	3941	4.83	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:24:06	DataFile Name :	016ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	574509	580018	573790	576105	0.59	cps
Zirconium	91-1	124994	128351	128149	127165	1.48	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	313644	313728	316131	314501	0.45	cps
Antimony	121-1	4161073	4181446	4231943	4191487	0.87	cps
Arsenic	75-2	45974	46814	46862	46550	1.07	cps
Barium	135-1	4440536	4388996	4435922	4421818	0.64	cps
Barium	137-1	7632965	7531948	7619538	7594817	0.72	cps
Beryllium	9-1	618441	614589	619081	617370	0.39	cps
Bismuth	209-1	6793167	6471274	6666901	6643781	2.44	cps
Bismuth	209-2	1897656	1887706	1898774	1894712	0.32	cps
Boron	10-1	70332	70935	74703	71990	3.29	cps
Boron	11-1	334274	345645	353362	344427	2.79	cps
Cadmium	111-1	863308	861484	866658	863816	0.30	cps
Cadmium	106-1	95278	94270	93473	94341	0.96	cps
Cadmium	108-1	63210	64210	62976	63465	1.03	cps
Calcium	43-1	4716291	4738666	4729781	4728246	0.24	cps
Calcium	44-1	76489800	76871464	77168529	76843264	0.44	cps
Chromium	52-2	394206	398616	394273	395698	0.64	cps
Cobalt	59-2	818252	819070	822423	819915	0.27	cps
Copper	63-2	1359477	1364018	1351794	1358430	0.45	cps
Dysprosium	156-1	67	133	58	86	47.74	cps
Dysprosium	156-2	0	7	7	4	86.60	cps
Erbium	164-1	75	92	75	81	11.95	cps
Erbium	164-2	13	17	7	12	41.65	cps
Gadolinium	160-1	75	92	150	106	37.31	cps
Gadolinium	160-2	20	13	17	17	20.01	cps
Holmium	165-1	10877726	10561216	10760525	10733155	1.49	cps
Holmium	165-2	2447503	2406471	2460450	2438142	1.16	cps
Indium	115-1	8444667	8251132	8387486	8361095	1.19	cps
Indium	115-2	352275	351150	357476	353634	0.95	cps
Iron	56-2	63401956	63644914	63232282	63426384	0.33	cps
Iron	57-2	1620432	1620441	1610177	1617017	0.37	cps
Krypton	83-1	373	350	383	369	4.64	cps
Lead	206-1	2664178	2596922	2618821	2626640	1.31	cps
Lead	207-1	2355594	2363956	2386437	2368662	0.67	cps
Lead	208-1	10633257	10528828	10628753	10596946	0.56	cps
Lithium	6-1	1605632	1579397	1593101	1592710	0.82	cps
Magnesium	24-2	7386432	7436800	7480731	7434654	0.63	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	219039	219347	217211	218533	0.53	cps
Molybdenum	94-1	6995859	6984161	7024762	7001594	0.30	cps
Molybdenum	95-1	8631248	8502463	8467034	8533582	1.01	cps
Molybdenum	96-1	9557796	9556527	9527872	9547398	0.18	cps
Molybdenum	97-1	5340296	5358942	5332350	5343863	0.26	cps
Molybdenum	98-1	13794959	13839744	13668124	13767609	0.65	cps
Neodymium	150-1	280	147	240	222	30.79	cps
Neodymium	150-2	10	10	20	13	43.30	cps
Nickel	60-2	240745	241405	239297	240482	0.45	cps
Phosphorus	31-2	3976	4234	4626	4279	7.65	cps
Potassium	39-2	1947477	1961477	1945132	1951362	0.45	cps
Rhodium	103-1	7763623	7491284	7587129	7614012	1.81	cps
Rhodium	103-2	2073122	2030448	2063010	2055526	1.08	cps
Scandium	45-1	5351924	5283873	5300018	5311938	0.67	cps
Scandium	45-2	39857	40087	41080	40341	1.61	cps
Selenium	77-2	390	377	250	339	22.80	cps
Selenium	78-2	1054	1072	1109	1078	2.62	cps
Selenium	82-1	54729	55832	55395	55319	1.00	cps
Silicon	28-1	2219068	2232218	2240576	2230621	0.49	cps
Silver	109-1	4058941	4063855	4000355	4041050	0.87	cps
Silver	107-1	4232252	4262654	4221372	4238759	0.50	cps
Sodium	23-2	16763066	16880227	16705610	16782968	0.53	cps
Strontium	86-1	1106240	1094718	1096008	1098989	0.57	cps
Strontium	88-1	9442970	9433740	9475200	9450636	0.23	cps
Sulfur	34-1	725255	730106	725399	726920	0.38	cps
Terbium	159-1	11282607	10934194	11058675	11091825	1.59	cps
Terbium	159-2	2292982	2243443	2330007	2288811	1.90	cps
Thallium	203-1	3180784	3209241	3206745	3198923	0.49	cps
Thallium	205-1	7507863	7499197	7502569	7503210	0.06	cps
Tin	118-1	2863302	2890346	2895615	2883088	0.60	cps
Titanium	47-1	2427449	2424163	2431785	2427799	0.16	cps
Uranium	238-1	10250462	10134011	10257674	10214049	0.68	cps
Vanadium	51-2	290374	292148	289865	290796	0.41	cps
Yttrium	89-1	9114332	8784282	8989295	8962636	1.86	cps
Yttrium	89-2	271219	268433	272315	270656	0.74	cps
Zinc	66-2	122025	121812	122246	122028	0.18	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV71	Instrumnet Name :	P8
Client Sample ID :	CCV71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:27:22	DataFile Name :	017CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5931699	5932128	5971810	5945212	0.39	cps
Zirconium	91-1	1318032	1330142	1316056	1321410	0.58	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5	20	15	13	57.30	cps
Antimony	121-1	1884	1934	2250	2022	9.83	cps
Arsenic	75-2	4	9	4	6	57.80	cps
Barium	135-1	42	58	33	44	28.65	cps
Barium	137-1	50	67	67	61	15.75	cps
Beryllium	9-1	206	222	161	196	16.09	cps
Bismuth	209-1	6679206	6720554	6645671	6681810	0.56	cps
Bismuth	209-2	1961618	1968587	1971680	1967295	0.26	cps
Boron	10-1	1125	1000	1133	1086	6.88	cps
Boron	11-1	5376	5610	5343	5443	2.67	cps
Cadmium	111-1	1617	1528	1529	1558	3.30	cps
Cadmium	106-1	2284	2167	2167	2206	3.05	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	700	667	758	708	6.55	cps
Calcium	44-1	21601	22118	21518	21746	1.50	cps
Chromium	52-2	383	413	390	396	3.98	cps
Cobalt	59-2	43	63	87	64	33.66	cps
Copper	63-2	407	427	420	418	2.44	cps
Dysprosium	156-1	17	8	17	14	34.67	cps
Dysprosium	156-2	0	3	3	2	86.60	cps
Erbium	164-1	8	25	42	25	66.68	cps
Erbium	164-2	0	3	17	7	132.33	cps
Gadolinium	160-1	83	125	58	89	37.89	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	10279429	10283817	10366067	10309771	0.47	cps
Holmium	165-2	2391197	2349887	2377004	2372696	0.88	cps
Indium	115-1	8319534	8405085	8351913	8358844	0.52	cps
Indium	115-2	365573	360724	364408	363568	0.70	cps
Iron	56-2	1889	2022	1856	1922	4.59	cps
Iron	57-2	78	78	22	59	54.13	cps
Krypton	83-1	417	443	420	427	3.41	cps
Lead	206-1	483	494	528	502	4.61	cps
Lead	207-1	439	417	450	435	3.90	cps
Lead	208-1	1939	2033	1828	1933	5.32	cps
Lithium	6-1	1575520	1584097	1578676	1579431	0.27	cps
Magnesium	24-2	367	450	442	419	10.94	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	53	40	48	14.52	cps
Molybdenum	94-1	1092	1125	958	1058	8.33	cps
Molybdenum	95-1	917	708	725	783	14.78	cps
Molybdenum	96-1	925	917	1008	950	5.34	cps
Molybdenum	97-1	633	683	600	639	6.57	cps
Molybdenum	98-1	1492	1392	1158	1347	12.70	cps
Neodymium	150-1	0	13	7	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	297	233	252	15.32	cps
Phosphorus	31-2	17	17	0	11	86.60	cps
Potassium	39-2	3326	3259	3251	3278	1.25	cps
Rhodium	103-1	7776322	7833334	7823825	7811160	0.39	cps
Rhodium	103-2	2125013	2147010	2140196	2137406	0.53	cps
Scandium	45-1	5123179	5227329	5128750	5159753	1.14	cps
Scandium	45-2	40292	39773	39289	39784	1.26	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-28	-90	-15	-44	-90.71	cps
Silicon	28-1	395332	391866	397824	395007	0.76	cps
Silver	109-1	142	175	158	158	10.53	cps
Silver	107-1	217	158	133	169	25.24	cps
Sodium	23-2	9979	9228	9937	9715	4.34	cps
Strontium	86-1	542	558	500	533	5.63	cps
Strontium	88-1	158	150	192	167	13.23	cps
Sulfur	34-1	432899	435478	431903	433427	0.43	cps
Terbium	159-1	10611952	10719291	10629203	10653482	0.54	cps
Terbium	159-2	2240233	2251158	2249598	2246996	0.26	cps
Thallium	203-1	475	608	575	553	12.55	cps
Thallium	205-1	1217	1408	1392	1339	7.93	cps
Tin	118-1	1676	1317	1475	1489	12.08	cps
Titanium	47-1	167	158	167	164	2.93	cps
Uranium	238-1	108	83	58	83	30.00	cps
Vanadium	51-2	0	0	0	0	0.00	cps
Yttrium	89-1	8556709	8693346	8637833	8629296	0.80	cps
Yttrium	89-2	265358	265858	267654	266290	0.45	cps
Zinc	66-2	143	130	133	136	5.12	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB71	Instrumnet Name :	P8
Client Sample ID :	CCB71	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:38:19	DataFile Name :	018CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1750	1550	1550	1617	7.14	cps
Zirconium	91-1	333	333	308	325	4.44	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	150	138	135	141	5.70	cps
Antimony	121-1	17203	16953	16336	16831	2.65	cps
Arsenic	75-2	106	87	76	90	16.72	cps
Barium	135-1	15618	15960	16436	16005	2.57	cps
Barium	137-1	27337	27772	27822	27644	0.96	cps
Beryllium	9-1	1356	1345	1522	1408	7.08	cps
Bismuth	209-1	6683639	6804095	6676150	6721295	1.07	cps
Bismuth	209-2	2024983	1950311	1968553	1981282	1.96	cps
Boron	10-1	3909	4159	4609	4226	8.40	cps
Boron	11-1	19088	19965	19614	19556	2.26	cps
Cadmium	111-1	3198	3295	3368	3287	2.59	cps
Cadmium	106-1	2342	2517	2517	2459	4.11	cps
Cadmium	108-1	113	96	117	108	10.17	cps
Calcium	43-1	8987	9312	9487	9262	2.74	cps
Calcium	44-1	166400	165144	165582	165709	0.38	cps
Chromium	52-2	2017	1947	1970	1978	1.80	cps
Cobalt	59-2	1763	1570	1773	1702	6.73	cps
Copper	63-2	3057	3034	3070	3054	0.61	cps
Dysprosium	156-1	0	8	0	3	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	67	58	24.74	cps
Erbium	164-2	3	10	7	7	50.03	cps
Gadolinium	160-1	33	125	133	97	57.08	cps
Gadolinium	160-2	3	7	7	6	34.70	cps
Holmium	165-1	10374515	10445915	10340600	10387010	0.52	cps
Holmium	165-2	2406902	2379675	2376850	2387809	0.69	cps
Indium	115-1	8392305	8455685	8359097	8402362	0.58	cps
Indium	115-2	368506	364876	366398	366593	0.50	cps
Iron	56-2	26988	26108	26899	26665	1.82	cps
Iron	57-2	561	711	600	624	12.47	cps
Krypton	83-1	423	400	367	397	7.18	cps
Lead	206-1	5451	5479	5613	5514	1.56	cps
Lead	207-1	5162	4773	4873	4936	4.09	cps
Lead	208-1	22508	22514	21791	22271	1.87	cps
Lithium	6-1	1569832	1588140	1602756	1586909	1.04	cps
Magnesium	24-2	14950	14082	13991	14341	3.69	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	187	267	251	23.20	cps
Molybdenum	94-1	14575	14275	14258	14369	1.24	cps
Molybdenum	95-1	17278	16377	16703	16786	2.72	cps
Molybdenum	96-1	19156	18789	18805	18917	1.10	cps
Molybdenum	97-1	10621	10496	10521	10546	0.63	cps
Molybdenum	98-1	26519	26226	26635	26460	0.80	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	790	710	833	778	8.05	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	10129	10321	10096	10182	1.19	cps
Rhodium	103-1	7926517	7949409	7833520	7903149	0.78	cps
Rhodium	103-2	2189744	2140569	2156461	2162258	1.16	cps
Scandium	45-1	5191985	5292514	5077837	5187445	2.07	cps
Scandium	45-2	39783	39295	38971	39350	1.04	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	13	24	15	17	34.45	cps
Selenium	82-1	468	525	577	523	10.38	cps
Silicon	28-1	454809	453327	456462	454866	0.34	cps
Silver	109-1	8086	8428	7836	8117	3.66	cps
Silver	107-1	8695	8753	8820	8756	0.72	cps
Sodium	23-2	41102	41512	40952	41188	0.70	cps
Strontium	86-1	2792	2642	2834	2756	3.66	cps
Strontium	88-1	18947	18238	19456	18880	3.24	cps
Sulfur	34-1	436822	440252	440984	439353	0.51	cps
Terbium	159-1	10646874	10792861	10652185	10697307	0.77	cps
Terbium	159-2	2293362	2267974	2281464	2280933	0.56	cps
Thallium	203-1	6202	6685	6594	6494	3.96	cps
Thallium	205-1	15560	15744	15218	15507	1.72	cps
Tin	118-1	28022	27855	39591	31823	21.14	cps
Titanium	47-1	4709	4843	4993	4848	2.92	cps
Uranium	238-1	19216	19074	19249	19179	0.49	cps
Vanadium	51-2	2774	2717	2767	2753	1.13	cps
Yttrium	89-1	8650464	8710897	8626524	8662629	0.50	cps
Yttrium	89-2	270543	268013	266929	268495	0.69	cps
Zinc	66-2	420	443	430	431	2.71	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:41:40	DataFile Name :	019LLCC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	13666	13683	14375	13908	2.91	cps
Zirconium	91-1	3176	3251	3192	3206	1.23	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	670	633	748	684	8.58	cps
Antimony	121-1	15384	15602	16311	15765	3.07	cps
Arsenic	75-2	932	870	976	926	5.72	cps
Barium	135-1	407572	410916	419725	412738	1.52	cps
Barium	137-1	709724	725486	732844	722685	1.63	cps
Beryllium	9-1	178	261	206	215	19.75	cps
Bismuth	209-1	6590525	6653172	6648588	6630762	0.53	cps
Bismuth	209-2	1781337	1752802	1788961	1774367	1.07	cps
Boron	10-1	33548	34576	36088	34738	3.68	cps
Boron	11-1	158509	166454	173318	166094	4.46	cps
Cadmium	111-1	1877	1558	1654	1696	9.67	cps
Cadmium	106-1	2067	1642	1909	1872	11.47	cps
Cadmium	108-1	88	42	58	63	37.12	cps
Calcium	43-1	2099824	2060907	2109937	2090223	1.24	cps
Calcium	44-1	33452053	33392650	33680942	33508548	0.45	cps
Chromium	52-2	70068	67723	68055	68615	1.85	cps
Cobalt	59-2	3480	3440	3267	3396	3.34	cps
Copper	63-2	8519	8239	8589	8449	2.19	cps
Dysprosium	156-1	258	250	300	269	9.94	cps
Dysprosium	156-2	73	77	57	69	15.55	cps
Erbium	164-1	242	292	300	278	11.36	cps
Erbium	164-2	40	70	63	58	27.26	cps
Gadolinium	160-1	358	392	375	375	4.44	cps
Gadolinium	160-2	117	60	77	84	34.49	cps
Holmium	165-1	9880027	10082872	10004923	9989274	1.02	cps
Holmium	165-2	2145943	2100872	2115163	2120659	1.09	cps
Indium	115-1	7870871	7986091	7948492	7935151	0.74	cps
Indium	115-2	307729	302861	304821	305137	0.80	cps
Iron	56-2	802760	805425	794161	800782	0.74	cps
Iron	57-2	20160	20994	20098	20417	2.45	cps
Krypton	83-1	553	497	613	554	10.52	cps
Lead	206-1	4773	4123	3656	4184	13.41	cps
Lead	207-1	4095	3389	3239	3575	12.78	cps
Lead	208-1	18934	16088	14804	16609	12.73	cps
Lithium	6-1	2053051	2109819	2132227	2098365	1.94	cps
Magnesium	24-2	437782	434504	427461	433249	1.22	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	122878	121684	121556	122039	0.60	cps
Molybdenum	94-1	67007	66171	67526	66902	1.02	cps
Molybdenum	95-1	109170	110724	112093	110662	1.32	cps
Molybdenum	96-1	117925	119817	120187	119310	1.02	cps
Molybdenum	97-1	70877	70183	70224	70428	0.55	cps
Molybdenum	98-1	176958	175389	177962	176770	0.73	cps
Neodymium	150-1	493	487	540	507	5.73	cps
Neodymium	150-2	50	63	50	54	14.14	cps
Nickel	60-2	12686	12476	12569	12577	0.84	cps
Phosphorus	31-2	33	17	33	28	34.63	cps
Potassium	39-2	31820	28973	28388	29727	6.18	cps
Rhodium	103-1	7078984	7136742	7118926	7111551	0.42	cps
Rhodium	103-2	1912348	1872683	1896295	1893775	1.05	cps
Scandium	45-1	4800936	4792990	4629592	4741172	2.04	cps
Scandium	45-2	33720	32337	32665	32908	2.20	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	6	3	69.39	cps
Selenium	82-1	0	-29	-132	-54	-129.10	cps
Silicon	28-1	33047512	32596962	32902177	32848884	0.70	cps
Silver	109-1	13424	12181	10855	12153	10.57	cps
Silver	107-1	13699	13007	12106	12937	6.18	cps
Sodium	23-2	2272170	2202533	2179429	2218044	2.18	cps
Strontium	86-1	1480279	1479030	1507208	1488839	1.07	cps
Strontium	88-1	12535303	12593452	12800733	12643163	1.10	cps
Sulfur	34-1	797350	788780	787519	791216	0.68	cps
Terbium	159-1	10155695	10428717	10273452	10285954	1.33	cps
Terbium	159-2	1992132	1994497	2012138	1999589	0.55	cps
Thallium	203-1	8245	6277	5101	6541	24.28	cps
Thallium	205-1	19733	15585	12665	15994	22.21	cps
Tin	118-1	40562	39635	38949	39716	2.04	cps
Titanium	47-1	1800	2117	2034	1984	8.28	cps
Uranium	238-1	15652	15686	17037	16125	4.90	cps
Vanadium	51-2	893	950	873	906	4.39	cps
Yttrium	89-1	8118793	8093123	7998054	8069990	0.79	cps
Yttrium	89-2	225991	223553	223964	224503	0.58	cps
Zinc	66-2	2780	3087	2747	2871	6.53	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:45:00	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11213	9154	9187	9851	11.98	cps
Zirconium	91-1	2642	2234	2134	2336	11.53	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	218	225	190	211	8.74	cps
Antimony	121-1	13399	15468	15485	14784	8.11	cps
Arsenic	75-2	582	543	565	563	3.47	cps
Barium	135-1	425158	425307	428294	426253	0.42	cps
Barium	137-1	743298	748049	750452	747266	0.49	cps
Beryllium	9-1	233	156	139	176	28.65	cps
Bismuth	209-1	6926576	7072845	7075658	7025026	1.21	cps
Bismuth	209-2	1754636	1687453	1704384	1715491	2.04	cps
Boron	10-1	34275	34935	36013	35074	2.50	cps
Boron	11-1	162098	168200	169364	166554	2.34	cps
Cadmium	111-1	1451	1569	1546	1522	4.12	cps
Cadmium	106-1	1875	1934	2050	1953	4.56	cps
Cadmium	108-1	58	25	38	40	41.80	cps
Calcium	43-1	2072684	2053560	2045210	2057151	0.68	cps
Calcium	44-1	32770018	32899212	32833200	32834143	0.20	cps
Chromium	52-2	21987	22104	21924	22005	0.42	cps
Cobalt	59-2	2510	2404	2367	2427	3.07	cps
Copper	63-2	7726	8059	8569	8118	5.24	cps
Dysprosium	156-1	125	117	183	142	25.64	cps
Dysprosium	156-2	37	20	27	28	30.20	cps
Erbium	164-1	133	142	92	122	21.92	cps
Erbium	164-2	27	30	23	27	12.51	cps
Gadolinium	160-1	250	167	225	214	19.99	cps
Gadolinium	160-2	30	67	47	48	38.43	cps
Holmium	165-1	10454472	10705979	10699648	10620033	1.35	cps
Holmium	165-2	2092009	2102259	2076605	2090291	0.62	cps
Indium	115-1	7946191	8126525	8208822	8093846	1.66	cps
Indium	115-2	297406	293363	287781	292850	1.65	cps
Iron	56-2	411639	410458	407710	409935	0.49	cps
Iron	57-2	10443	10421	10165	10343	1.49	cps
Krypton	83-1	450	453	407	437	5.96	cps
Lead	206-1	2095	2217	2284	2198	4.36	cps
Lead	207-1	1895	1739	1822	1819	4.28	cps
Lead	208-1	8440	8713	8496	8550	1.68	cps
Lithium	6-1	2443377	2481665	2527126	2484056	1.69	cps
Magnesium	24-2	407048	405920	405397	406122	0.21	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	114770	115092	113899	114587	0.54	cps
Molybdenum	94-1	65065	66321	65952	65780	0.98	cps
Molybdenum	95-1	110934	111009	111128	111024	0.09	cps
Molybdenum	96-1	116799	119909	118178	118295	1.32	cps
Molybdenum	97-1	69704	69479	70870	70018	1.07	cps
Molybdenum	98-1	179111	178688	180755	179518	0.61	cps
Neodymium	150-1	253	220	200	224	12.01	cps
Neodymium	150-2	17	20	3	13	66.16	cps
Nickel	60-2	5308	5568	5468	5448	2.41	cps
Phosphorus	31-2	17	0	8	8	100.02	cps
Potassium	39-2	26192	26017	26751	26320	1.46	cps
Rhodium	103-1	7251563	7340001	7385795	7325787	0.93	cps
Rhodium	103-2	1849677	1840185	1832803	1840888	0.46	cps
Scandium	45-1	4636240	4685304	4644431	4655325	0.56	cps
Scandium	45-2	31980	30894	29799	30891	3.53	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	2	2	0.00	cps
Selenium	82-1	14	-39	24	0	-67395.34	cps
Silicon	28-1	30901840	31061151	30870712	30944568	0.33	cps
Silver	109-1	4601	4134	4176	4304	6.00	cps
Silver	107-1	4968	4634	4418	4673	5.93	cps
Sodium	23-2	2077925	2057499	2043166	2059530	0.85	cps
Strontium	86-1	1507312	1486049	1488031	1493797	0.79	cps
Strontium	88-1	12718594	12672158	12709701	12700151	0.19	cps
Sulfur	34-1	754698	753395	745099	751064	0.69	cps
Terbium	159-1	10725055	10880934	10924604	10843531	0.97	cps
Terbium	159-2	1978678	1976584	1963295	1972852	0.42	cps
Thallium	203-1	858	1233	983	1025	18.63	cps
Thallium	205-1	2717	2467	2284	2489	8.74	cps
Tin	118-1	28791	29442	31045	29759	3.90	cps
Titanium	47-1	1133	1092	1300	1175	9.38	cps
Uranium	238-1	17555	17371	18381	17769	3.03	cps
Vanadium	51-2	453	487	490	477	4.25	cps
Yttrium	89-1	8169298	8246339	8163425	8193020	0.56	cps
Yttrium	89-2	215683	213631	212118	213811	0.84	cps
Zinc	66-2	2214	2324	2130	2222	4.36	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:48:19	DataFile Name :	021SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5210	4943	4951	5034	3.01	cps
Zirconium	91-1	1208	1292	1192	1231	4.35	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : J3535-08RE Instrumnet Name : P8
 Client Sample ID : KY037MW097-180613RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:52:18 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	468	438	415	440	5.99	cps
Antimony	121-1	13724	14700	15101	14508	4.88	cps
Arsenic	75-2	841	889	870	867	2.80	cps
Barium	135-1	438569	445081	446269	443306	0.94	cps
Barium	137-1	771764	785151	778790	778568	0.86	cps
Beryllium	9-1	267	206	233	235	13.01	cps
Bismuth	209-1	7011772	7081666	7147427	7080288	0.96	cps
Bismuth	209-2	1748726	1675025	1723246	1715665	2.18	cps
Boron	10-1	34492	34643	35854	34997	2.13	cps
Boron	11-1	164154	169180	170584	167973	2.01	cps
Cadmium	111-1	1392	1375	1420	1396	1.64	cps
Cadmium	106-1	1809	1717	1717	1747	3.03	cps
Cadmium	108-1	46	21	33	33	37.50	cps
Calcium	43-1	2093914	2080624	2096731	2090423	0.41	cps
Calcium	44-1	33349839	33414964	33633161	33465988	0.44	cps
Chromium	52-2	81445	80721	81549	81238	0.56	cps
Cobalt	59-2	3744	3537	3801	3694	3.75	cps
Copper	63-2	12766	13697	13400	13288	3.58	cps
Dysprosium	156-1	367	408	350	375	8.01	cps
Dysprosium	156-2	57	43	73	58	26.01	cps
Erbium	164-1	308	333	258	300	12.73	cps
Erbium	164-2	60	63	33	52	31.49	cps
Gadolinium	160-1	342	417	358	372	10.58	cps
Gadolinium	160-2	103	80	90	91	12.85	cps
Holmium	165-1	10499401	10758330	10843843	10700525	1.68	cps
Holmium	165-2	2067261	2062976	2050627	2060288	0.42	cps
Indium	115-1	7983372	8054037	8144106	8060505	1.00	cps
Indium	115-2	286123	287407	284258	285929	0.55	cps
Iron	56-2	824355	829087	822014	825152	0.44	cps
Iron	57-2	20315	20838	21573	20909	3.02	cps
Krypton	83-1	383	303	420	369	16.17	cps
Lead	206-1	2350	2272	2417	2347	3.08	cps
Lead	207-1	2000	2084	2078	2054	2.27	cps
Lead	208-1	9530	9596	9263	9463	1.86	cps
Lithium	6-1	2529217	2558271	2642561	2576683	2.28	cps
Magnesium	24-2	404353	402878	396386	401206	1.06	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : J3535-08RE Instrumnet Name : P8
 Client Sample ID : KY037MW097-180613RE Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 16:52:18 DataFile Name : 022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	116174	116578	116189	116314	0.20	cps
Molybdenum	94-1	69051	67736	67694	68160	1.13	cps
Molybdenum	95-1	116379	116387	118203	116990	0.90	cps
Molybdenum	96-1	125990	125409	126680	126026	0.50	cps
Molybdenum	97-1	72695	73021	72771	72829	0.23	cps
Molybdenum	98-1	186839	185782	188840	187154	0.83	cps
Neodymium	150-1	687	660	487	611	17.77	cps
Neodymium	150-2	53	43	80	59	32.19	cps
Nickel	60-2	15262	15135	15369	15255	0.77	cps
Phosphorus	31-2	58	0	17	25	120.18	cps
Potassium	39-2	26225	24948	24998	25390	2.85	cps
Rhodium	103-1	7285362	7398205	7344942	7342836	0.77	cps
Rhodium	103-2	1842280	1843193	1829276	1838250	0.42	cps
Scandium	45-1	4513850	4520846	4575821	4536839	0.75	cps
Scandium	45-2	30283	29748	29378	29803	1.53	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	30	103	22	52	86.07	cps
Silicon	28-1	31373227	31194367	31290899	31286164	0.29	cps
Silver	109-1	3167	2984	3075	3075	2.98	cps
Silver	107-1	3126	3067	2950	3048	2.92	cps
Sodium	23-2	2057550	2036584	2049681	2047939	0.52	cps
Strontium	86-1	1522809	1523208	1544364	1530127	0.81	cps
Strontium	88-1	12938063	13133897	12974725	13015562	0.80	cps
Sulfur	34-1	752217	750754	744884	749285	0.52	cps
Terbium	159-1	10860214	10876215	10991785	10909405	0.66	cps
Terbium	159-2	1962205	1947027	1971812	1960348	0.64	cps
Thallium	203-1	500	642	533	558	13.27	cps
Thallium	205-1	1275	1083	1333	1231	10.63	cps
Tin	118-1	26218	28106	27345	27223	3.49	cps
Titanium	47-1	2042	2084	1959	2028	3.14	cps
Uranium	238-1	18974	18757	19208	18979	1.19	cps
Vanadium	51-2	853	750	943	849	11.40	cps
Yttrium	89-1	8041014	8048481	8112201	8067232	0.48	cps
Yttrium	89-2	211664	210022	207711	209799	0.95	cps
Zinc	66-2	3164	3154	3164	3160	0.18	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-08RE	Instrumnet Name :	P8
Client Sample ID :	KY037MW097-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:52:18	DataFile Name :	022SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5601	5126	5276	5335	4.55	cps
Zirconium	91-1	1242	1275	1125	1214	6.49	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	168	170	190	176	7.01	cps
Antimony	121-1	15435	16436	17554	16475	6.44	cps
Arsenic	75-2	569	537	520	542	4.51	cps
Barium	135-1	430990	439819	433042	434617	1.06	cps
Barium	137-1	756167	771314	764437	763973	0.99	cps
Beryllium	9-1	178	117	139	144	21.42	cps
Bismuth	209-1	7124959	6888377	6968398	6993911	1.72	cps
Bismuth	209-2	1661303	1662775	1650335	1658138	0.41	cps
Boron	10-1	33758	34576	34910	34414	1.72	cps
Boron	11-1	161617	164137	169152	164969	2.33	cps
Cadmium	111-1	1406	1293	1464	1388	6.25	cps
Cadmium	106-1	1809	1709	1900	1806	5.31	cps
Cadmium	108-1	38	33	29	33	12.50	cps
Calcium	43-1	2030465	2012938	2036575	2026659	0.61	cps
Calcium	44-1	32606686	32608832	32865056	32693525	0.45	cps
Chromium	52-2	36367	36484	37072	36641	1.03	cps
Cobalt	59-2	2644	2494	2490	2543	3.45	cps
Copper	63-2	11118	10878	11762	11253	4.06	cps
Dysprosium	156-1	217	242	150	203	23.37	cps
Dysprosium	156-2	33	33	37	34	5.60	cps
Erbium	164-1	158	150	150	153	3.15	cps
Erbium	164-2	30	27	27	28	6.92	cps
Gadolinium	160-1	217	108	208	178	33.91	cps
Gadolinium	160-2	30	27	37	31	16.37	cps
Holmium	165-1	10823191	10361013	10610620	10598275	2.18	cps
Holmium	165-2	2036114	2043651	2048046	2042604	0.30	cps
Indium	115-1	8037440	7722059	7875258	7878252	2.00	cps
Indium	115-2	281870	281314	281068	281417	0.15	cps
Iron	56-2	443290	441002	441979	442090	0.26	cps
Iron	57-2	11327	11455	11244	11342	0.94	cps
Krypton	83-1	413	280	387	360	19.60	cps
Lead	206-1	1467	1511	1689	1556	7.56	cps
Lead	207-1	1183	1295	1445	1308	10.02	cps
Lead	208-1	5795	6062	6623	6160	6.86	cps
Lithium	6-1	2550663	2532661	2511827	2531717	0.77	cps
Magnesium	24-2	389408	389031	392087	390175	0.43	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	110039	108215	109370	109208	0.84	cps
Molybdenum	94-1	65091	66388	65224	65568	1.09	cps
Molybdenum	95-1	111094	113479	114985	113186	1.73	cps
Molybdenum	96-1	121204	120449	121465	121039	0.44	cps
Molybdenum	97-1	71187	69537	72293	71006	1.95	cps
Molybdenum	98-1	184685	183257	182310	183417	0.65	cps
Neodymium	150-1	207	213	280	233	17.38	cps
Neodymium	150-2	10	23	10	14	53.28	cps
Nickel	60-2	6722	7082	7005	6936	2.74	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	23621	24096	25416	24378	3.82	cps
Rhodium	103-1	7281581	7037354	7109872	7142936	1.76	cps
Rhodium	103-2	1808593	1807058	1814728	1810126	0.22	cps
Scandium	45-1	4536186	4363188	4325402	4408259	2.55	cps
Scandium	45-2	29097	29277	28586	28987	1.24	cps
Selenium	77-2	0	3	7	3	100.05	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	13	150	75	79	86.74	cps
Silicon	28-1	29948294	30057844	30136380	30047506	0.31	cps
Silver	109-1	1867	2000	2167	2011	7.47	cps
Silver	107-1	1834	2300	2100	2078	11.27	cps
Sodium	23-2	2012881	1967879	1954042	1978267	1.56	cps
Strontium	86-1	1522336	1484249	1496538	1501041	1.30	cps
Strontium	88-1	12779414	12802988	12840689	12807697	0.24	cps
Sulfur	34-1	732568	733163	738161	734631	0.42	cps
Terbium	159-1	10971087	10638060	10725734	10778294	1.60	cps
Terbium	159-2	1953993	1953117	1922660	1943257	0.92	cps
Thallium	203-1	367	392	392	383	3.77	cps
Thallium	205-1	842	892	1092	942	14.05	cps
Tin	118-1	22879	23947	24298	23708	3.12	cps
Titanium	47-1	1584	1592	1575	1584	0.53	cps
Uranium	238-1	17864	17780	19274	18306	4.59	cps
Vanadium	51-2	543	453	567	521	11.48	cps
Yttrium	89-1	8013991	7819382	7889703	7907692	1.25	cps
Yttrium	89-2	207402	205120	207098	206540	0.60	cps
Zinc	66-2	2280	2300	2357	2312	1.72	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J3535-09RE	Instrumnet Name :	P8
Client Sample ID :	DUP-0448-180613RE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 16:55:37	DataFile Name :	023SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4898	4151	3659	4236	14.72	cps
Zirconium	91-1	1133	1050	767	983	19.55	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : Blank Instrumnet Name : P8
 Client Sample ID : Blank Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 17:06:09 DataFile Name : 024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15	8	10	11	35.25	cps
Antimony	121-1	492	558	517	522	6.45	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	50	25	25	33	43.30	cps
Barium	137-1	50	92	92	78	30.93	cps
Beryllium	9-1	133	139	161	144	10.18	cps
Bismuth	209-1	7220978	7238584	7202804	7220789	0.25	cps
Bismuth	209-2	1795359	1929614	1965367	1896780	4.73	cps
Boron	10-1	1125	1175	1208	1170	3.59	cps
Boron	11-1	6118	6377	5701	6065	5.62	cps
Cadmium	111-1	1530	1643	1455	1543	6.12	cps
Cadmium	106-1	2159	2317	2075	2184	5.62	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	800	700	825	775	8.54	cps
Calcium	44-1	21743	21526	22043	21771	1.19	cps
Chromium	52-2	443	413	487	448	8.23	cps
Cobalt	59-2	20	27	63	37	63.63	cps
Copper	63-2	1210	1103	1153	1156	4.62	cps
Dysprosium	156-1	17	17	8	14	34.67	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	108	75	67	83	26.46	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	11081215	11029322	10934116	11014884	0.68	cps
Holmium	165-2	2136368	2324743	2353792	2271634	5.20	cps
Indium	115-1	8583148	8535544	8448867	8522520	0.80	cps
Indium	115-2	309748	333708	338736	327397	4.73	cps
Iron	56-2	1089	1128	1106	1107	1.76	cps
Iron	57-2	44	22	28	31	36.74	cps
Krypton	83-1	333	350	373	352	5.71	cps
Lead	206-1	400	461	472	444	8.75	cps
Lead	207-1	489	361	328	393	21.66	cps
Lead	208-1	1850	1861	1656	1789	6.46	cps
Lithium	6-1	1730186	1677283	1688755	1698742	1.64	cps
Magnesium	24-2	200	200	208	203	2.37	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	Blank	Instrumnet Name :	P8
Client Sample ID :	Blank	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:06:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	50	43	49	10.42	cps
Molybdenum	94-1	275	308	417	333	22.22	cps
Molybdenum	95-1	167	192	233	197	17.08	cps
Molybdenum	96-1	225	333	358	306	23.20	cps
Molybdenum	97-1	200	217	200	206	4.68	cps
Molybdenum	98-1	300	333	325	319	5.43	cps
Neodymium	150-1	20	7	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	213	247	229	7.33	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	2184	2442	2275	2300	5.69	cps
Rhodium	103-1	8098422	8007943	7986460	8030942	0.74	cps
Rhodium	103-2	1922199	2082537	2090893	2031876	4.68	cps
Scandium	45-1	5125079	5075853	5112130	5104354	0.50	cps
Scandium	45-2	32274	34863	35786	34308	5.31	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	4	2	2	100.00	cps
Selenium	82-1	27	28	18	24	22.47	cps
Silicon	28-1	357890	360210	355203	357768	0.70	cps
Silver	109-1	517	517	508	514	0.94	cps
Silver	107-1	650	675	625	650	3.85	cps
Sodium	23-2	6310	6110	6410	6277	2.43	cps
Strontium	86-1	625	742	817	728	13.27	cps
Strontium	88-1	333	292	342	322	8.31	cps
Sulfur	34-1	424582	423609	423047	423746	0.18	cps
Terbium	159-1	11386412	11349842	11281239	11339164	0.47	cps
Terbium	159-2	2056779	2190427	2244471	2163893	4.47	cps
Thallium	203-1	208	217	150	192	18.95	cps
Thallium	205-1	492	425	475	464	7.48	cps
Tin	118-1	1058	1108	917	1028	9.67	cps
Titanium	47-1	83	150	175	136	34.81	cps
Uranium	238-1	25	25	50	33	43.30	cps
Vanadium	51-2	13	3	3	7	86.65	cps
Yttrium	89-1	8761762	8667462	8637318	8688847	0.75	cps
Yttrium	89-2	225626	243931	245490	238349	4.63	cps
Zinc	66-2	190	143	140	158	17.72	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	Blank	Instrumnet Name :	P8
Client Sample ID :	Blank	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:06:09	DataFile Name :	024SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	758	875	842	825	7.28	cps
Zirconium	91-1	150	192	150	164	14.68	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	283063	278197	278330	279864	0.99	cps
Antimony	121-1	4156415	4165466	4155311	4159064	0.13	cps
Arsenic	75-2	41774	41395	41659	41609	0.47	cps
Barium	135-1	4436770	4437842	4380913	4418508	0.74	cps
Barium	137-1	7626505	7689590	7614918	7643671	0.53	cps
Beryllium	9-1	606191	604583	605863	605546	0.14	cps
Bismuth	209-1	6828068	6788433	6824491	6813664	0.32	cps
Bismuth	209-2	1853571	1825279	1859227	1846026	0.99	cps
Boron	10-1	68422	70817	71512	70250	2.31	cps
Boron	11-1	326406	333073	341855	333778	2.32	cps
Cadmium	111-1	856063	853847	855111	855007	0.13	cps
Cadmium	106-1	92928	93163	94219	93437	0.74	cps
Cadmium	108-1	61862	61611	60736	61403	0.96	cps
Calcium	43-1	4546163	4513389	4475008	4511520	0.79	cps
Calcium	44-1	73753885	73675614	73217627	73549042	0.39	cps
Chromium	52-2	359736	357856	360420	359337	0.37	cps
Cobalt	59-2	754641	751768	750374	752261	0.29	cps
Copper	63-2	1257478	1257085	1271032	1261865	0.63	cps
Dysprosium	156-1	92	100	108	100	8.33	cps
Dysprosium	156-2	17	13	20	17	20.01	cps
Erbium	164-1	33	33	50	39	24.75	cps
Erbium	164-2	7	3	10	7	50.03	cps
Gadolinium	160-1	92	150	117	119	24.50	cps
Gadolinium	160-2	23	23	27	24	7.89	cps
Holmium	165-1	11001607	11131121	10901554	11011428	1.05	cps
Holmium	165-2	2326124	2324578	2336730	2329144	0.28	cps
Indium	115-1	8185858	8162582	8186544	8178328	0.17	cps
Indium	115-2	323200	322857	324537	323531	0.27	cps
Iron	56-2	57372846	57276251	57588682	57412593	0.28	cps
Iron	57-2	1472892	1477637	1480419	1476983	0.26	cps
Krypton	83-1	403	330	323	352	12.60	cps
Lead	206-1	2762147	2718589	2707098	2729278	1.06	cps
Lead	207-1	2482698	2451927	2475595	2470074	0.65	cps
Lead	208-1	11139707	11006711	11034396	11060271	0.63	cps
Lithium	6-1	1617831	1642063	1652553	1637482	1.09	cps
Magnesium	24-2	6675133	6730339	6660672	6688715	0.55	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	196382	194633	195915	195643	0.46	cps
Molybdenum	94-1	6938922	6877598	6913260	6909927	0.45	cps
Molybdenum	95-1	8422622	8386135	8369672	8392810	0.32	cps
Molybdenum	96-1	9380529	9290690	9405620	9358946	0.65	cps
Molybdenum	97-1	5278190	5274323	5278141	5276885	0.04	cps
Molybdenum	98-1	13627881	13525227	13578299	13577136	0.38	cps
Neodymium	150-1	220	273	200	231	16.40	cps
Neodymium	150-2	20	7	7	11	69.25	cps
Nickel	60-2	223175	224907	224892	224325	0.44	cps
Phosphorus	31-2	3584	3642	3601	3609	0.83	cps
Potassium	39-2	1708009	1696289	1694104	1699467	0.44	cps
Rhodium	103-1	7407527	7429973	7422857	7420119	0.15	cps
Rhodium	103-2	1959966	1942536	1956585	1953029	0.47	cps
Scandium	45-1	5026144	5055340	5038737	5040074	0.29	cps
Scandium	45-2	36073	36374	35876	36108	0.69	cps
Selenium	77-2	247	250	253	250	1.33	cps
Selenium	78-2	967	932	937	945	2.00	cps
Selenium	82-1	53523	53949	53869	53780	0.42	cps
Silicon	28-1	2083581	2100473	2117390	2100481	0.80	cps
Silver	109-1	4034725	3992923	4017562	4015070	0.52	cps
Silver	107-1	4207154	4191586	4235212	4211317	0.52	cps
Sodium	23-2	14900893	14989321	14989255	14959823	0.34	cps
Strontium	86-1	1063211	1064594	1066338	1064714	0.15	cps
Strontium	88-1	9231316	9160505	9184059	9191960	0.39	cps
Sulfur	34-1	699919	698375	699962	699418	0.13	cps
Terbium	159-1	11191409	11213196	11318746	11241117	0.61	cps
Terbium	159-2	2183333	2185247	2199573	2189384	0.41	cps
Thallium	203-1	3363146	3386714	3320160	3356673	1.01	cps
Thallium	205-1	7903282	7935375	7843042	7893900	0.59	cps
Tin	118-1	2861726	2863589	2884439	2869918	0.44	cps
Titanium	47-1	2337657	2319020	2334688	2330455	0.43	cps
Uranium	238-1	10800764	10804526	10876178	10827156	0.39	cps
Vanadium	51-2	261425	261957	261662	261681	0.10	cps
Yttrium	89-1	8636141	8650367	8652516	8646341	0.10	cps
Yttrium	89-2	243896	244735	247076	245236	0.67	cps
Zinc	66-2	111577	111467	110741	111262	0.41	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV72	Instrumnet Name :	P8
Client Sample ID :	CCV72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:09:30	DataFile Name :	025CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5789524	5820034	5785790	5798449	0.32	cps
Zirconium	91-1	1299136	1296074	1296108	1297106	0.14	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : CCB72 Instrumnet Name : P8
 Client Sample ID : CCB72 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 17:18:30 DataFile Name : 026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	0	10	12	107.87	cps
Antimony	121-1	2350	2409	2792	2517	9.54	cps
Arsenic	75-2	0	6	2	2	114.63	cps
Barium	135-1	25	67	83	58	51.51	cps
Barium	137-1	133	67	100	100	33.33	cps
Beryllium	9-1	217	178	117	170	29.59	cps
Bismuth	209-1	7207701	6917651	7214507	7113286	2.38	cps
Bismuth	209-2	1964209	1933883	1976544	1958212	1.12	cps
Boron	10-1	1317	1242	1467	1342	8.54	cps
Boron	11-1	6910	6602	6527	6680	3.04	cps
Cadmium	111-1	1500	1435	1432	1455	2.64	cps
Cadmium	106-1	2125	2009	2000	2045	3.42	cps
Cadmium	108-1	13	13	8	11	21.67	cps
Calcium	43-1	592	725	717	678	11.02	cps
Calcium	44-1	19731	20073	19715	19840	1.02	cps
Chromium	52-2	363	447	380	397	11.12	cps
Cobalt	59-2	60	20	47	42	48.24	cps
Copper	63-2	823	700	687	737	10.23	cps
Dysprosium	156-1	17	25	8	17	50.01	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	8	50	25	28	75.51	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	108	83	150	114	29.57	cps
Gadolinium	160-2	23	3	7	11	96.43	cps
Holmium	165-1	10948437	10691254	10787224	10808972	1.20	cps
Holmium	165-2	2309695	2304458	2328541	2314231	0.55	cps
Indium	115-1	8501148	8276757	8494241	8424049	1.51	cps
Indium	115-2	337329	335420	343449	338733	1.24	cps
Iron	56-2	1650	1472	1545	1556	5.75	cps
Iron	57-2	44	28	56	43	32.83	cps
Krypton	83-1	357	387	417	387	7.76	cps
Lead	206-1	350	372	439	387	11.95	cps
Lead	207-1	306	394	333	344	13.20	cps
Lead	208-1	1578	1545	1761	1628	7.17	cps
Lithium	6-1	1663432	1675791	1662042	1667088	0.45	cps
Magnesium	24-2	367	233	342	314	22.58	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:18:30	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	47	63	56	15.09	cps
Molybdenum	94-1	942	1167	1125	1078	11.11	cps
Molybdenum	95-1	800	817	617	745	14.91	cps
Molybdenum	96-1	1108	833	858	933	16.29	cps
Molybdenum	97-1	608	483	525	539	11.81	cps
Molybdenum	98-1	1433	1383	1242	1353	7.35	cps
Neodymium	150-1	13	0	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	227	187	230	214	11.25	cps
Phosphorus	31-2	25	0	8	11	114.58	cps
Potassium	39-2	2100	2467	2367	2311	8.20	cps
Rhodium	103-1	7921296	7763063	7855221	7846527	1.01	cps
Rhodium	103-2	2060467	2093984	2111093	2088515	1.23	cps
Scandium	45-1	5041162	4935452	4969405	4982006	1.08	cps
Scandium	45-2	35525	36257	36521	36101	1.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	30	-14	-48	-11	-367.65	cps
Silicon	28-1	363141	361505	364725	363124	0.44	cps
Silver	109-1	417	317	342	358	14.52	cps
Silver	107-1	392	492	450	444	11.30	cps
Sodium	23-2	6277	6568	6460	6435	2.29	cps
Strontium	86-1	483	783	575	614	25.04	cps
Strontium	88-1	267	275	217	253	12.48	cps
Sulfur	34-1	419529	415027	418133	417563	0.55	cps
Terbium	159-1	11274893	11019886	11046510	11113763	1.26	cps
Terbium	159-2	2212021	2205431	2270271	2229241	1.60	cps
Thallium	203-1	483	417	483	461	8.35	cps
Thallium	205-1	892	1100	975	989	10.61	cps
Tin	118-1	1517	1725	1350	1531	12.28	cps
Titanium	47-1	125	150	108	128	16.41	cps
Uranium	238-1	50	42	83	58	37.80	cps
Vanadium	51-2	0	10	0	3	173.21	cps
Yttrium	89-1	8517192	8442008	8659274	8539491	1.29	cps
Yttrium	89-2	245191	243444	250432	246356	1.48	cps
Zinc	66-2	130	173	193	166	19.56	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB72	Instrumnet Name :	P8
Client Sample ID :	CCB72	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:18:30	DataFile Name :	026CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1767	1458	1653	10.24	cps
Zirconium	91-1	417	333	342	364	12.61	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8940	9005	9270	9072	1.93	cps
Antimony	121-1	3359061	3324406	3334338	3339268	0.53	cps
Arsenic	75-2	11268	11208	11177	11218	0.41	cps
Barium	135-1	2798526	2795450	2781141	2791706	0.33	cps
Barium	137-1	4778963	4807889	4794102	4793651	0.30	cps
Beryllium	9-1	317454	318921	316347	317574	0.41	cps
Bismuth	209-1	7015002	6952621	6826945	6931523	1.38	cps
Bismuth	209-2	1879658	1950446	1936572	1922226	1.95	cps
Boron	10-1	113690	117091	120216	116999	2.79	cps
Boron	11-1	529265	551819	556609	545898	2.67	cps
Cadmium	111-1	398591	402085	402697	401124	0.55	cps
Cadmium	106-1	38147	37955	37470	37857	0.92	cps
Cadmium	108-1	25800	26326	25934	26020	1.05	cps
Calcium	43-1	1575	1567	1408	1517	6.19	cps
Calcium	44-1	25691	25249	25274	25405	0.98	cps
Chromium	52-2	92473	93157	92523	92718	0.41	cps
Cobalt	59-2	817485	817416	816151	817017	0.09	cps
Copper	63-2	836584	838452	829806	834948	0.54	cps
Dysprosium	156-1	33	33	50	39	24.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	25	25	31	31.50	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	10	10	0	7	86.60	cps
Holmium	165-1	10443087	10640835	10438448	10507457	1.10	cps
Holmium	165-2	2204881	2299183	2287871	2263978	2.27	cps
Indium	115-1	8283932	8320884	8097478	8234098	1.45	cps
Indium	115-2	322467	334481	337961	331636	2.45	cps
Iron	56-2	947698	945738	937695	943710	0.56	cps
Iron	57-2	23509	23832	23136	23492	1.48	cps
Krypton	83-1	360	403	380	381	5.69	cps
Lead	206-1	7326319	7362589	7289696	7326201	0.50	cps
Lead	207-1	6124654	6098663	6193333	6138883	0.80	cps
Lead	208-1	28655190	28660119	28764337	28693215	0.21	cps
Lithium	6-1	1663592	1653950	1600384	1639308	2.08	cps
Magnesium	24-2	350	267	200	272	27.61	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	243377	241753	241840	242323	0.38	cps
Molybdenum	94-1	1067	1125	1317	1170	11.18	cps
Molybdenum	95-1	325	433	292	350	21.16	cps
Molybdenum	96-1	1017	1042	1075	1045	2.80	cps
Molybdenum	97-1	283	267	292	281	4.54	cps
Molybdenum	98-1	725	617	692	678	8.19	cps
Neodymium	150-1	107	120	127	118	8.65	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	513506	514567	509246	512440	0.55	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2359	2767	2300	2475	10.27	cps
Rhodium	103-1	7758351	7691416	7631607	7693791	0.82	cps
Rhodium	103-2	1946356	2050414	2073797	2023522	3.35	cps
Scandium	45-1	4938632	4990605	4832506	4920581	1.64	cps
Scandium	45-2	34302	36578	36731	35870	3.79	cps
Selenium	77-2	467	407	343	406	15.21	cps
Selenium	78-2	1332	1289	1341	1320	2.09	cps
Selenium	82-1	75211	75384	75622	75405	0.27	cps
Silicon	28-1	577246	574315	574756	575439	0.27	cps
Silver	109-1	6788256	6877872	6831491	6832539	0.66	cps
Silver	107-1	7057520	7123229	7203675	7128141	1.03	cps
Sodium	23-2	6368	6485	6385	6413	0.98	cps
Strontium	86-1	275811	276813	274515	275713	0.42	cps
Strontium	88-1	2428794	2443217	2436570	2436194	0.30	cps
Sulfur	34-1	419450	420123	415589	418388	0.58	cps
Terbium	159-1	10985504	10808291	10655461	10816418	1.53	cps
Terbium	159-2	2109269	2188959	2189509	2162579	2.13	cps
Thallium	203-1	4689038	4766555	4692787	4716127	0.93	cps
Thallium	205-1	11052052	11184056	10971289	11069132	0.97	cps
Tin	118-1	1017	1025	892	978	7.64	cps
Titanium	47-1	125	183	175	161	19.58	cps
Uranium	238-1	433	392	450	425	7.07	cps
Vanadium	51-2	223859	224838	223453	224050	0.32	cps
Yttrium	89-1	8503559	8538380	8332335	8458091	1.30	cps
Yttrium	89-2	235933	242212	246877	241674	2.27	cps
Zinc	66-2	105000	104990	103539	104510	0.80	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-04	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:32:44	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2092	2117	2192	2134	2.44	cps
Zirconium	91-1	475	700	542	572	20.20	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	25	40	25	60.00	cps
Antimony	121-1	1333	1208	1300	1281	5.05	cps
Arsenic	75-2	7	6	4	6	33.38	cps
Barium	135-1	750	625	617	664	11.25	cps
Barium	137-1	1142	1108	1125	1125	1.48	cps
Beryllium	9-1	283	272	217	257	13.88	cps
Bismuth	209-1	6765965	6816330	6767944	6783413	0.42	cps
Bismuth	209-2	1918888	1977316	1911468	1935890	1.86	cps
Boron	10-1	7769	7744	6460	7324	10.22	cps
Boron	11-1	36865	33749	32763	34459	6.21	cps
Cadmium	111-1	1599	1308	1338	1415	11.29	cps
Cadmium	106-1	2092	1817	1842	1917	7.93	cps
Cadmium	108-1	4	25	38	22	75.77	cps
Calcium	43-1	1406751	1422122	1416397	1415090	0.55	cps
Calcium	44-1	22610270	22669403	22843487	22707720	0.53	cps
Chromium	52-2	483	487	520	497	4.08	cps
Cobalt	59-2	70	70	73	71	2.70	cps
Copper	63-2	690	720	660	690	4.35	cps
Dysprosium	156-1	108	175	100	128	32.17	cps
Dysprosium	156-2	10	23	17	17	39.99	cps
Erbium	164-1	150	183	133	156	16.37	cps
Erbium	164-2	57	33	27	39	40.51	cps
Gadolinium	160-1	175	200	208	194	8.92	cps
Gadolinium	160-2	43	40	33	39	13.09	cps
Holmium	165-1	10590470	10688078	10259214	10512587	2.14	cps
Holmium	165-2	2292863	2370789	2311235	2324962	1.75	cps
Indium	115-1	8208678	8249084	8035774	8164512	1.39	cps
Indium	115-2	335621	345991	338620	340078	1.57	cps
Iron	56-2	2389	2623	2623	2545	5.29	cps
Iron	57-2	111	106	100	106	5.27	cps
Krypton	83-1	447	417	413	426	4.31	cps
Lead	206-1	1206	1278	1128	1204	6.23	cps
Lead	207-1	1028	778	867	891	14.23	cps
Lead	208-1	4456	4195	3967	4206	5.82	cps
Lithium	6-1	1620656	1632817	1616084	1623185	0.53	cps
Magnesium	24-2	226366	224849	226103	225773	0.36	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	127	117	107	117	8.57	cps
Molybdenum	94-1	758	767	808	778	3.44	cps
Molybdenum	95-1	233	317	300	283	15.56	cps
Molybdenum	96-1	567	550	425	514	15.07	cps
Molybdenum	97-1	175	167	167	169	2.84	cps
Molybdenum	98-1	483	408	533	475	13.25	cps
Neodymium	150-1	113	107	153	124	20.28	cps
Neodymium	150-2	7	7	13	9	43.25	cps
Nickel	60-2	263	223	203	230	13.28	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	187001	187414	187794	187403	0.21	cps
Rhodium	103-1	7674842	7659554	7496318	7610238	1.30	cps
Rhodium	103-2	2010274	2105212	2058098	2057862	2.31	cps
Scandium	45-1	4988671	4992386	4953768	4978275	0.43	cps
Scandium	45-2	35900	37039	36504	36481	1.56	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-65	8	-42	-33	-113.39	cps
Silicon	28-1	510972	511113	515650	512578	0.52	cps
Silver	109-1	442	392	408	414	6.15	cps
Silver	107-1	558	533	450	514	11.04	cps
Sodium	23-2	3414740	3405385	3439094	3419740	0.51	cps
Strontium	86-1	47057	46630	47291	46993	0.71	cps
Strontium	88-1	406158	406201	405368	405909	0.12	cps
Sulfur	34-1	429573	434166	433763	432501	0.59	cps
Terbium	159-1	10898519	10968598	10684381	10850499	1.36	cps
Terbium	159-2	2180926	2255183	2217138	2217749	1.67	cps
Thallium	203-1	833	875	683	797	12.65	cps
Thallium	205-1	2384	2000	1875	2086	12.70	cps
Tin	118-1	992	1067	1017	1025	3.73	cps
Titanium	47-1	317	267	317	300	9.62	cps
Uranium	238-1	1183	1150	1358	1231	9.09	cps
Vanadium	51-2	23	20	17	20	16.65	cps
Yttrium	89-1	8471412	8573443	8311380	8452079	1.56	cps
Yttrium	89-2	247178	254002	245388	248856	1.83	cps
Zinc	66-2	137	153	100	130	20.99	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-03	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:36:01	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1667	1600	1442	1570	7.36	cps
Zirconium	91-1	475	342	400	406	16.48	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	258	325	285	289	11.74	cps
Antimony	121-1	817	958	992	922	10.08	cps
Arsenic	75-2	2	2	4	2	43.30	cps
Barium	135-1	292	217	233	247	15.93	cps
Barium	137-1	292	433	442	389	21.68	cps
Beryllium	9-1	233	178	161	191	19.82	cps
Bismuth	209-1	6996261	7056281	6978203	7010248	0.58	cps
Bismuth	209-2	2024697	1971019	1968427	1988048	1.60	cps
Boron	10-1	21734	23904	22986	22875	4.76	cps
Boron	11-1	104362	106737	108600	106567	1.99	cps
Cadmium	111-1	1370	1558	1367	1432	7.63	cps
Cadmium	106-1	1917	2117	1950	1995	5.37	cps
Cadmium	108-1	204	142	188	178	18.20	cps
Calcium	43-1	658	608	617	628	4.27	cps
Calcium	44-1	19932	20725	19631	20096	2.81	cps
Chromium	52-2	387	450	390	409	8.72	cps
Cobalt	59-2	187	167	163	172	7.33	cps
Copper	63-2	610	560	593	588	4.33	cps
Dysprosium	156-1	0	33	8	14	124.91	cps
Dysprosium	156-2	7	3	3	4	43.40	cps
Erbium	164-1	50	75	50	58	24.74	cps
Erbium	164-2	27	3	3	11	121.29	cps
Gadolinium	160-1	83	108	100	97	13.09	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	10784648	10703840	10789680	10759389	0.45	cps
Holmium	165-2	2388224	2336163	2341987	2355458	1.21	cps
Indium	115-1	8093700	8114891	8225300	8144630	0.87	cps
Indium	115-2	333819	322458	322834	326370	1.98	cps
Iron	56-2	1761	1561	1600	1641	6.46	cps
Iron	57-2	33	72	56	54	36.33	cps
Krypton	83-1	377	337	347	353	5.89	cps
Lead	206-1	1056	1095	1056	1069	2.10	cps
Lead	207-1	783	861	978	874	11.20	cps
Lead	208-1	3811	3928	4428	4056	8.08	cps
Lithium	6-1	1622767	1657030	1669631	1649809	1.47	cps
Magnesium	24-2	358	267	217	281	25.61	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	20	60	33	38	53.92	cps
Molybdenum	94-1	443129	446141	442029	443767	0.48	cps
Molybdenum	95-1	758116	762548	760164	760276	0.29	cps
Molybdenum	96-1	817653	822531	819961	820048	0.30	cps
Molybdenum	97-1	476396	476394	476570	476454	0.02	cps
Molybdenum	98-1	1227350	1223048	1227295	1225898	0.20	cps
Neodymium	150-1	0	7	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	350	417	320	362	13.66	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	2259	2542	2325	2375	6.24	cps
Rhodium	103-1	7852455	7825721	7848675	7842284	0.18	cps
Rhodium	103-2	2113857	2089063	2094526	2099149	0.62	cps
Scandium	45-1	5006589	4934417	4972161	4971056	0.73	cps
Scandium	45-2	36711	35966	36204	36294	1.05	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	6	4	50.09	cps
Selenium	82-1	11	65	46	40	67.18	cps
Silicon	28-1	4369563	4387260	4341542	4366121	0.53	cps
Silver	109-1	392	383	483	419	13.23	cps
Silver	107-1	500	375	542	472	18.37	cps
Sodium	23-2	13282	13474	13699	13485	1.55	cps
Strontium	86-1	692	767	492	650	21.87	cps
Strontium	88-1	500	692	533	575	17.81	cps
Sulfur	34-1	440464	439454	431525	437148	1.12	cps
Terbium	159-1	10997011	10947296	11095407	11013238	0.68	cps
Terbium	159-2	2254593	2220068	2240745	2238469	0.78	cps
Thallium	203-1	567	592	575	578	2.20	cps
Thallium	205-1	1442	1333	1242	1339	7.48	cps
Tin	118-1	10868891	10970312	10861494	10900233	0.56	cps
Titanium	47-1	61252	61310	60825	61129	0.43	cps
Uranium	238-1	42	167	42	83	86.60	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	8497453	8579734	8577634	8551607	0.55	cps
Yttrium	89-2	252023	248538	246918	249159	1.05	cps
Zinc	66-2	83	67	90	80	15.02	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4085-05	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:39:21	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	30535	27128	24297	27320	11.43	cps
Zirconium	91-1	6277	5668	5418	5788	7.63	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	5160	4614	4567	4780	6.89	cps
Antimony	121-1	270735	279147	281140	277007	1.99	cps
Arsenic	75-2	2530	2702	2754	2662	4.41	cps
Barium	135-1	1952406	1965543	1968060	1962003	0.43	cps
Barium	137-1	3400140	3375390	3394314	3389948	0.38	cps
Beryllium	9-1	11622	11388	11944	11651	2.40	cps
Bismuth	209-1	7118661	7281761	7027376	7142600	1.80	cps
Bismuth	209-2	1956868	1958980	1977612	1964487	0.58	cps
Boron	10-1	140845	144571	150077	145165	3.20	cps
Boron	11-1	661371	689248	705071	685230	3.23	cps
Cadmium	111-1	34806	33640	35057	34501	2.19	cps
Cadmium	106-1	4976	4884	5268	5043	3.97	cps
Cadmium	108-1	2317	2250	2238	2268	1.88	cps
Calcium	43-1	867	875	725	822	10.25	cps
Calcium	44-1	18997	19022	18822	18947	0.58	cps
Chromium	52-2	118829	117575	117737	118047	0.58	cps
Cobalt	59-2	67	70	63	67	5.00	cps
Copper	63-2	131465	129386	128894	129915	1.05	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	0	0	7	2	173.21	cps
Erbium	164-1	50	67	33	50	33.34	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	58	67	75	67	12.50	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	10891719	11020698	10872726	10928381	0.74	cps
Holmium	165-2	2334958	2311811	2315833	2320867	0.53	cps
Indium	115-1	8505793	8522578	8483718	8504030	0.23	cps
Indium	115-2	341435	338459	337474	339123	0.61	cps
Iron	56-2	783618	769670	775385	776224	0.90	cps
Iron	57-2	19759	19848	19331	19646	1.41	cps
Krypton	83-1	353	453	343	383	15.87	cps
Lead	206-1	245056	243339	244352	244249	0.35	cps
Lead	207-1	212649	213630	212254	212845	0.33	cps
Lead	208-1	976858	979012	973640	976504	0.28	cps
Lithium	6-1	1666895	1669848	1664740	1667161	0.15	cps
Magnesium	24-2	225	208	250	228	9.21	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	44641	43337	43508	43829	1.62	cps
Molybdenum	94-1	180052	182043	181379	181158	0.56	cps
Molybdenum	95-1	314318	320037	314351	316235	1.04	cps
Molybdenum	96-1	338477	336789	339505	338257	0.41	cps
Molybdenum	97-1	199488	200528	198178	199398	0.59	cps
Molybdenum	98-1	511192	502591	505517	506433	0.86	cps
Neodymium	150-1	87	53	113	84	35.60	cps
Neodymium	150-2	0	0	7	2	173.21	cps
Nickel	60-2	89559	90384	88764	89569	0.90	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2217	2217	2317	2250	2.57	cps
Rhodium	103-1	7945576	7972228	7928413	7948739	0.28	cps
Rhodium	103-2	2100074	2083230	2083057	2088787	0.47	cps
Scandium	45-1	5030418	5119372	5063769	5071186	0.89	cps
Scandium	45-2	36595	35525	35331	35817	1.90	cps
Selenium	77-2	60	20	40	40	50.00	cps
Selenium	78-2	126	139	148	138	8.11	cps
Selenium	82-1	8041	7926	8195	8054	1.68	cps
Silicon	28-1	772363	779598	784639	778867	0.79	cps
Silver	109-1	1761105	1752973	1724861	1746313	1.09	cps
Silver	107-1	1784359	1816403	1791823	1797529	0.93	cps
Sodium	23-2	7569	8094	7728	7797	3.46	cps
Strontium	86-1	1242	1150	1142	1178	4.71	cps
Strontium	88-1	5585	5510	5251	5449	3.21	cps
Sulfur	34-1	430757	431311	427367	429811	0.50	cps
Terbium	159-1	11203078	11304092	11168599	11225257	0.63	cps
Terbium	159-2	2215944	2211750	2208472	2212055	0.17	cps
Thallium	203-1	42614	42782	42623	42673	0.22	cps
Thallium	205-1	100606	100378	103225	101403	1.56	cps
Tin	118-1	5319	5027	7755	6034	24.82	cps
Titanium	47-1	1450	1283	1483	1406	7.62	cps
Uranium	238-1	67	33	58	53	32.88	cps
Vanadium	51-2	363530	359864	358857	360750	0.68	cps
Yttrium	89-1	8716819	8799470	8620982	8712423	1.03	cps
Yttrium	89-2	248795	247194	247797	247929	0.33	cps
Zinc	66-2	155909	153542	155811	155087	0.86	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4045-04	Instrumnet Name :	P8
Client Sample ID :	PT-TM-WS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:49:45	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1659	1700	1625	1661	2.26	cps
Zirconium	91-1	450	317	483	417	21.17	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	43	35	48	42	15.10	cps
Antimony	121-1	3025	2225	2559	2603	15.44	cps
Arsenic	75-2	11	9	2	7	66.16	cps
Barium	135-1	758	550	583	631	17.75	cps
Barium	137-1	1267	1067	1042	1125	10.96	cps
Beryllium	9-1	183	139	133	152	18.05	cps
Bismuth	209-1	7021959	6957228	6836298	6938495	1.36	cps
Bismuth	209-2	1958763	1894415	1941927	1931702	1.73	cps
Boron	10-1	9512	8628	8695	8945	5.50	cps
Boron	11-1	43642	40909	39957	41503	4.61	cps
Cadmium	111-1	1494	1631	1588	1571	4.49	cps
Cadmium	106-1	2059	2250	2209	2173	4.64	cps
Cadmium	108-1	8	21	29	19	53.95	cps
Calcium	43-1	1440566	1450009	1445579	1445385	0.33	cps
Calcium	44-1	22882418	22958430	23143282	22994710	0.58	cps
Chromium	52-2	417	543	417	459	15.94	cps
Cobalt	59-2	57	63	77	66	15.54	cps
Copper	63-2	580	527	610	572	7.38	cps
Dysprosium	156-1	108	67	150	108	38.46	cps
Dysprosium	156-2	20	40	17	26	49.38	cps
Erbium	164-1	150	225	192	189	19.89	cps
Erbium	164-2	40	30	40	37	15.75	cps
Gadolinium	160-1	133	200	233	189	26.96	cps
Gadolinium	160-2	27	47	30	34	31.11	cps
Holmium	165-1	10910538	10760950	10773918	10815135	0.77	cps
Holmium	165-2	2351178	2312223	2334027	2332476	0.84	cps
Indium	115-1	8481363	8411859	8279787	8391003	1.22	cps
Indium	115-2	343687	339663	343887	342412	0.70	cps
Iron	56-2	2528	2550	2234	2437	7.25	cps
Iron	57-2	106	83	106	98	13.07	cps
Krypton	83-1	460	473	380	438	11.53	cps
Lead	206-1	1083	972	978	1011	6.19	cps
Lead	207-1	811	800	672	761	10.14	cps
Lead	208-1	3656	3545	3139	3447	7.89	cps
Lithium	6-1	1665371	1638288	1635182	1646280	1.01	cps
Magnesium	24-2	225324	229863	229540	228243	1.11	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	80	103	96	14.10	cps
Molybdenum	94-1	500	633	833	656	25.59	cps
Molybdenum	95-1	450	458	433	447	2.85	cps
Molybdenum	96-1	558	667	600	608	8.98	cps
Molybdenum	97-1	283	367	375	342	14.84	cps
Molybdenum	98-1	817	733	883	811	9.27	cps
Neodymium	150-1	100	87	60	82	24.77	cps
Neodymium	150-2	13	0	13	9	86.60	cps
Nickel	60-2	200	227	250	226	11.09	cps
Phosphorus	31-2	8	25	0	11	114.58	cps
Potassium	39-2	186369	188445	186958	187257	0.57	cps
Rhodium	103-1	7852859	7783065	7696377	7777434	1.01	cps
Rhodium	103-2	2095620	2053861	2079365	2076282	1.01	cps
Scandium	45-1	5122323	5095586	5026441	5081450	0.97	cps
Scandium	45-2	36741	36107	36444	36431	0.87	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-62	-118	-27	-69	-66.30	cps
Silicon	28-1	520603	518882	516355	518613	0.41	cps
Silver	109-1	308	275	300	294	5.89	cps
Silver	107-1	300	392	333	342	13.58	cps
Sodium	23-2	3422277	3420960	3427113	3423450	0.09	cps
Strontium	86-1	48303	47166	48370	47946	1.41	cps
Strontium	88-1	413560	414847	415893	414767	0.28	cps
Sulfur	34-1	438000	444938	444892	442610	0.90	cps
Terbium	159-1	11252750	11201710	11028505	11160989	1.05	cps
Terbium	159-2	2246206	2224839	2257800	2242948	0.75	cps
Thallium	203-1	417	433	542	464	14.63	cps
Thallium	205-1	1025	1033	1175	1078	7.82	cps
Tin	118-1	1734	4138	1592	2488	57.52	cps
Titanium	47-1	283	308	267	286	7.33	cps
Uranium	238-1	1083	1092	1250	1142	8.23	cps
Vanadium	51-2	30	17	27	24	28.38	cps
Yttrium	89-1	8707309	8716080	8554686	8659358	1.05	cps
Yttrium	89-2	253320	248135	251782	251079	1.06	cps
Zinc	66-2	90	127	130	116	19.21	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-02	Instrumnet Name :	P8
Client Sample ID :	1537	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:53:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1150	1283	1133	1189	6.92	cps
Zirconium	91-1	242	292	250	261	10.26	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233	285	295	271	12.40	cps
Antimony	121-1	1258	1075	1083	1139	9.09	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	283	233	233	250	11.55	cps
Barium	137-1	267	408	492	389	29.25	cps
Beryllium	9-1	128	150	78	119	31.21	cps
Bismuth	209-1	7108567	7129670	7290130	7176123	1.38	cps
Bismuth	209-2	1957999	1993543	2005471	1985671	1.24	cps
Boron	10-1	22685	23771	23528	23328	2.44	cps
Boron	11-1	107040	110717	109944	109234	1.77	cps
Cadmium	111-1	1589	1314	1557	1487	10.09	cps
Cadmium	106-1	2225	1792	2134	2050	11.14	cps
Cadmium	108-1	200	242	142	194	25.83	cps
Calcium	43-1	800	667	758	742	9.20	cps
Calcium	44-1	20224	19948	19781	19984	1.12	cps
Chromium	52-2	470	403	373	416	11.91	cps
Cobalt	59-2	143	193	160	166	15.38	cps
Copper	63-2	570	467	540	526	10.12	cps
Dysprosium	156-1	0	0	42	14	173.21	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	50	17	75	47	61.97	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	92	75	92	86	11.18	cps
Gadolinium	160-2	3	10	27	13	90.16	cps
Holmium	165-1	10917120	10837654	11019684	10924819	0.84	cps
Holmium	165-2	2347030	2391234	2366873	2368379	0.93	cps
Indium	115-1	8338989	8285277	8367825	8330697	0.50	cps
Indium	115-2	326142	328051	326074	326756	0.34	cps
Iron	56-2	1472	1683	1561	1572	6.74	cps
Iron	57-2	56	33	67	52	32.74	cps
Krypton	83-1	413	443	417	424	3.87	cps
Lead	206-1	1122	917	856	965	14.48	cps
Lead	207-1	761	845	906	837	8.66	cps
Lead	208-1	3684	3567	3584	3611	1.75	cps
Lithium	6-1	1665001	1652910	1685911	1667941	1.00	cps
Magnesium	24-2	275	267	175	239	23.23	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	37	47	42	12.06	cps
Molybdenum	94-1	445935	444752	444327	445005	0.19	cps
Molybdenum	95-1	764990	760427	764334	763250	0.32	cps
Molybdenum	96-1	824233	824366	827761	825453	0.24	cps
Molybdenum	97-1	480596	480684	482041	481107	0.17	cps
Molybdenum	98-1	1227913	1241864	1233831	1234536	0.57	cps
Neodymium	150-1	7	0	47	18	141.96	cps
Neodymium	150-2	7	10	0	6	91.64	cps
Nickel	60-2	393	323	340	352	10.38	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2325	2342	2284	2317	1.30	cps
Rhodium	103-1	7973336	7891268	8060107	7974904	1.06	cps
Rhodium	103-2	2117344	2107250	2130374	2118323	0.55	cps
Scandium	45-1	5066483	5081509	5228389	5125460	1.75	cps
Scandium	45-2	35184	36635	36103	35974	2.04	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	2	2	43.30	cps
Selenium	82-1	-21	-64	-22	-36	-70.06	cps
Silicon	28-1	4424101	4422828	4419235	4422055	0.06	cps
Silver	109-1	333	250	300	294	14.24	cps
Silver	107-1	358	242	317	306	19.35	cps
Sodium	23-2	13349	13791	13741	13627	1.78	cps
Strontium	86-1	742	750	683	725	5.01	cps
Strontium	88-1	550	533	533	539	1.79	cps
Sulfur	34-1	443596	440372	439462	441143	0.49	cps
Terbium	159-1	11238183	11127353	11385442	11250326	1.15	cps
Terbium	159-2	2228044	2257951	2233583	2239859	0.71	cps
Thallium	203-1	325	542	442	436	24.87	cps
Thallium	205-1	933	1067	967	989	7.02	cps
Tin	118-1	10953602	11060846	11052842	11022430	0.54	cps
Titanium	47-1	61151	62381	61653	61729	1.00	cps
Uranium	238-1	50	33	67	50	33.34	cps
Vanadium	51-2	13	17	3	11	62.48	cps
Yttrium	89-1	8637892	8661530	8809806	8703076	1.07	cps
Yttrium	89-2	248718	249047	252224	249996	0.77	cps
Zinc	66-2	83	117	97	99	16.96	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-04	Instrumnet Name :	P8
Client Sample ID :	1511B	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 17:56:25	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	19723	19874	18764	19453	3.10	cps
Zirconium	91-1	4217	4268	3926	4137	4.46	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	9225	8968	9055	9083	1.44	cps
Antimony	121-1	3361799	3366266	3368950	3365672	0.11	cps
Arsenic	75-2	11344	11349	11140	11278	1.06	cps
Barium	135-1	2836352	2867664	2839841	2847952	0.60	cps
Barium	137-1	4798575	4943847	4854110	4865511	1.51	cps
Beryllium	9-1	316113	317507	314504	316042	0.48	cps
Bismuth	209-1	7042401	7022873	7117388	7060888	0.71	cps
Bismuth	209-2	1919693	1989592	1976964	1962083	1.90	cps
Boron	10-1	112985	120906	120226	118039	3.72	cps
Boron	11-1	533165	558373	571382	554307	3.51	cps
Cadmium	111-1	407803	408970	407249	408007	0.22	cps
Cadmium	106-1	38531	39125	39434	39030	1.18	cps
Cadmium	108-1	26685	26952	26080	26572	1.68	cps
Calcium	43-1	1358	1550	1542	1483	7.30	cps
Calcium	44-1	24130	24122	23971	24074	0.37	cps
Chromium	52-2	91970	93134	92845	92649	0.65	cps
Cobalt	59-2	825565	825973	816494	822677	0.65	cps
Copper	63-2	848573	840632	837612	842272	0.67	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	33	42	8	28	62.46	cps
Erbium	164-2	0	7	3	3	100.05	cps
Gadolinium	160-1	92	67	100	86	20.14	cps
Gadolinium	160-2	10	10	17	12	31.50	cps
Holmium	165-1	10841682	10761005	10781046	10794578	0.39	cps
Holmium	165-2	2325579	2359129	2335281	2339996	0.74	cps
Indium	115-1	8480483	8326884	8418554	8408640	0.92	cps
Indium	115-2	331814	344762	344926	340501	2.21	cps
Iron	56-2	948938	953950	948034	950307	0.34	cps
Iron	57-2	23760	24400	23737	23965	1.57	cps
Krypton	83-1	397	373	420	397	5.88	cps
Lead	206-1	7442861	7415974	7426884	7428573	0.18	cps
Lead	207-1	6171725	6297709	6170398	6213277	1.18	cps
Lead	208-1	29030573	29351943	29103744	29162087	0.58	cps
Lithium	6-1	1643556	1634047	1647012	1641538	0.41	cps
Magnesium	24-2	175	250	200	208	18.33	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	246021	246581	244525	245709	0.43	cps
Molybdenum	94-1	800	858	975	878	10.15	cps
Molybdenum	95-1	342	417	433	397	12.29	cps
Molybdenum	96-1	1083	808	942	945	14.56	cps
Molybdenum	97-1	292	242	283	272	9.84	cps
Molybdenum	98-1	550	667	633	617	9.75	cps
Neodymium	150-1	93	93	140	109	24.74	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	518632	516358	514980	516657	0.36	cps
Phosphorus	31-2	8	8	8	8	0.00	cps
Potassium	39-2	2225	2334	2234	2264	2.66	cps
Rhodium	103-1	7901937	7809396	7817413	7842916	0.65	cps
Rhodium	103-2	2041014	2106352	2120334	2089233	2.03	cps
Scandium	45-1	4996490	5042637	4908350	4982492	1.37	cps
Scandium	45-2	35852	36153	36618	36208	1.06	cps
Selenium	77-2	317	403	423	381	14.88	cps
Selenium	78-2	1359	1246	1365	1324	5.05	cps
Selenium	82-1	76154	77039	76024	76405	0.72	cps
Silicon	28-1	574314	572480	570644	572479	0.32	cps
Silver	109-1	6947253	6894351	6931500	6924368	0.39	cps
Silver	107-1	7218260	7237751	7244319	7233443	0.19	cps
Sodium	23-2	6135	5993	6343	6157	2.86	cps
Strontium	86-1	281530	281357	281447	281445	0.03	cps
Strontium	88-1	2490346	2445908	2441882	2459379	1.09	cps
Sulfur	34-1	429199	423041	426324	426188	0.72	cps
Terbium	159-1	11038742	11004068	11166293	11069701	0.77	cps
Terbium	159-2	2164167	2245939	2254311	2221472	2.24	cps
Thallium	203-1	4754760	4855970	4801325	4804018	1.05	cps
Thallium	205-1	11298968	11254563	11183930	11245821	0.52	cps
Tin	118-1	3467	3109	3242	3273	5.54	cps
Titanium	47-1	92	150	125	122	23.95	cps
Uranium	238-1	17	42	25	28	45.82	cps
Vanadium	51-2	224238	226058	226497	225598	0.53	cps
Yttrium	89-1	8712589	8553519	8510570	8592226	1.24	cps
Yttrium	89-2	241925	250077	248616	246873	1.76	cps
Zinc	66-2	105742	104026	104372	104713	0.87	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	J4084-03	Instrumnet Name :	P8
Client Sample ID :	1511A	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:04:08	DataFile Name :	033SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1400	1233	1025	1220	15.41	cps
Zirconium	91-1	392	383	300	358	14.15	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	10	5	18	11	58.08	cps
Antimony	121-1	450	458	367	425	11.93	cps
Arsenic	75-2	2	6	11	6	75.49	cps
Barium	135-1	58	42	67	56	22.91	cps
Barium	137-1	92	92	92	92	0.00	cps
Beryllium	9-1	189	172	106	156	28.35	cps
Bismuth	209-1	7240564	6961164	7102687	7101472	1.97	cps
Bismuth	209-2	1924192	1939172	1912350	1925238	0.70	cps
Boron	10-1	3000	2984	3017	3000	0.56	cps
Boron	11-1	13857	13657	13390	13635	1.72	cps
Cadmium	111-1	1389	1571	1265	1408	10.91	cps
Cadmium	106-1	1950	2200	1784	1978	10.60	cps
Cadmium	108-1	8	4	0	4	99.96	cps
Calcium	43-1	700	608	592	633	9.21	cps
Calcium	44-1	17036	17996	17603	17545	2.75	cps
Chromium	52-2	437	360	350	382	12.41	cps
Cobalt	59-2	53	60	60	58	6.67	cps
Copper	63-2	523	430	483	479	9.78	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	67	25	50	47	44.41	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	108	58	83	83	30.00	cps
Gadolinium	160-2	13	10	0	8	89.21	cps
Holmium	165-1	10937609	10557178	10777269	10757352	1.78	cps
Holmium	165-2	2269406	2292568	2286000	2282658	0.52	cps
Indium	115-1	8464111	8224563	8439533	8376069	1.57	cps
Indium	115-2	334175	334684	330253	333037	0.73	cps
Iron	56-2	1056	950	1183	1063	10.99	cps
Iron	57-2	17	39	17	24	53.28	cps
Krypton	83-1	293	363	383	347	13.63	cps
Lead	206-1	378	378	394	383	2.51	cps
Lead	207-1	250	378	417	348	25.05	cps
Lead	208-1	1628	1717	1700	1682	2.81	cps
Lithium	6-1	1628276	1608323	1641247	1625949	1.02	cps
Magnesium	24-2	150	192	283	208	32.74	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	23	47	10	27	69.60	cps
Molybdenum	94-1	342	358	317	339	6.19	cps
Molybdenum	95-1	250	125	208	194	32.73	cps
Molybdenum	96-1	200	283	258	247	17.30	cps
Molybdenum	97-1	167	133	217	172	24.35	cps
Molybdenum	98-1	242	242	283	256	9.41	cps
Neodymium	150-1	0	7	20	9	114.55	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	183	130	150	154	17.45	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2175	2075	2284	2178	4.78	cps
Rhodium	103-1	7825400	7682197	7858795	7788797	1.20	cps
Rhodium	103-2	2046253	2050859	2049157	2048756	0.11	cps
Scandium	45-1	5068196	4827970	4987001	4961055	2.46	cps
Scandium	45-2	35465	35401	34900	35255	0.88	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	83	-28	-12	15	408.97	cps
Silicon	28-1	362566	362914	362417	362633	0.07	cps
Silver	109-1	225	308	217	250	20.28	cps
Silver	107-1	250	408	292	317	25.92	cps
Sodium	23-2	5276	5335	4626	5079	7.74	cps
Strontium	86-1	667	617	508	597	13.55	cps
Strontium	88-1	267	258	175	233	21.72	cps
Sulfur	34-1	426597	423340	428653	426197	0.63	cps
Terbium	159-1	11009380	10806222	11039108	10951570	1.16	cps
Terbium	159-2	2171298	2176584	2121376	2156419	1.41	cps
Thallium	203-1	408	517	600	508	18.91	cps
Thallium	205-1	1175	1267	1117	1186	6.37	cps
Tin	118-1	1775	1750	1567	1697	6.70	cps
Titanium	47-1	58	108	75	81	31.60	cps
Uranium	238-1	33	25	25	28	17.31	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	8641032	8389743	8623530	8551435	1.64	cps
Yttrium	89-2	242191	242800	241683	242225	0.23	cps
Zinc	66-2	150	180	153	161	10.20	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BLRE	Instrumnet Name :	P8
Client Sample ID :	PB111553BLRE	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:11:15	DataFile Name :	034SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	800	683	717	733	8.19	cps
Zirconium	91-1	142	83	167	131	32.75	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	13	13	17	43.33	cps
Antimony	121-1	292	358	300	317	11.47	cps
Arsenic	75-2	6	0	2	2	114.63	cps
Barium	135-1	33	75	33	47	50.95	cps
Barium	137-1	100	83	142	108	27.74	cps
Beryllium	9-1	106	178	222	169	34.94	cps
Bismuth	209-1	6994386	7125121	7124137	7081214	1.06	cps
Bismuth	209-2	1917767	1928829	1953246	1933281	0.94	cps
Boron	10-1	2259	2200	1850	2103	10.50	cps
Boron	11-1	10271	10604	9879	10251	3.54	cps
Cadmium	111-1	1418	1214	1364	1332	7.92	cps
Cadmium	106-1	2000	1742	1942	1895	7.15	cps
Cadmium	108-1	4	25	0	10	137.74	cps
Calcium	43-1	808	675	733	739	9.05	cps
Calcium	44-1	17971	17270	17253	17498	2.34	cps
Chromium	52-2	350	353	420	374	10.55	cps
Cobalt	59-2	47	97	67	70	35.95	cps
Copper	63-2	463	447	490	467	4.68	cps
Dysprosium	156-1	8	17	25	17	50.01	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	33	50	50	44	21.66	cps
Erbium	164-2	7	10	10	9	21.63	cps
Gadolinium	160-1	25	50	67	47	44.41	cps
Gadolinium	160-2	13	7	3	8	65.47	cps
Holmium	165-1	10633521	10761420	10676136	10690359	0.61	cps
Holmium	165-2	2295736	2292246	2298244	2295409	0.13	cps
Indium	115-1	8285484	8373675	8327362	8328840	0.53	cps
Indium	115-2	332370	333988	340194	335517	1.23	cps
Iron	56-2	1156	906	911	991	14.41	cps
Iron	57-2	22	17	33	24	35.24	cps
Krypton	83-1	340	353	353	349	2.21	cps
Lead	206-1	406	422	406	411	2.34	cps
Lead	207-1	344	333	356	344	3.23	cps
Lead	208-1	1645	1567	1561	1591	2.93	cps
Lithium	6-1	1629820	1629207	1650079	1636369	0.73	cps
Magnesium	24-2	192	317	150	219	39.52	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	53	57	48	26.42	cps
Molybdenum	94-1	317	292	275	294	7.12	cps
Molybdenum	95-1	150	100	117	122	20.83	cps
Molybdenum	96-1	208	258	175	214	19.61	cps
Molybdenum	97-1	108	75	108	97	19.80	cps
Molybdenum	98-1	275	133	267	225	35.33	cps
Neodymium	150-1	20	20	7	16	49.47	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	160	183	169	7.47	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2250	2067	2259	2192	4.94	cps
Rhodium	103-1	7759583	7775949	7796604	7777379	0.24	cps
Rhodium	103-2	2055618	2058976	2072176	2062257	0.42	cps
Scandium	45-1	4919577	4991131	4957593	4956100	0.72	cps
Scandium	45-2	35204	35709	35843	35585	0.95	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	7	2	0	3	124.95	cps
Selenium	82-1	-20	-36	22	-11	-262.12	cps
Silicon	28-1	357121	364541	361622	361094	1.04	cps
Silver	109-1	200	150	183	178	14.32	cps
Silver	107-1	125	150	217	164	28.91	cps
Sodium	23-2	4934	4934	4909	4926	0.29	cps
Strontium	86-1	608	533	617	586	7.83	cps
Strontium	88-1	150	175	192	172	12.18	cps
Sulfur	34-1	429040	433662	431690	431464	0.54	cps
Terbium	159-1	10920596	11086194	11054387	11020392	0.80	cps
Terbium	159-2	2169969	2187207	2196840	2184672	0.62	cps
Thallium	203-1	433	475	492	467	6.44	cps
Thallium	205-1	1175	1075	1150	1133	4.59	cps
Tin	118-1	1458	1575	1450	1495	4.68	cps
Titanium	47-1	100	158	108	122	25.81	cps
Uranium	238-1	50	8	25	28	75.51	cps
Vanadium	51-2	3	0	3	2	86.60	cps
Yttrium	89-1	8409239	8567755	8555289	8510761	1.04	cps
Yttrium	89-2	242838	245474	245751	244688	0.66	cps
Zinc	66-2	120	133	140	131	7.77	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BL	Instrumnet Name :	P8
Client Sample ID :	PB111557BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:14:36	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	500	617	625	581	12.04	cps
Zirconium	91-1	133	158	100	131	22.42	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	53132	51596	52677	52468	1.50	cps
Antimony	121-1	4200980	4160702	4177244	4179642	0.48	cps
Arsenic	75-2	41421	41856	41403	41560	0.62	cps
Barium	135-1	4358033	4381231	4397895	4379053	0.46	cps
Barium	137-1	7508393	7533460	7570388	7537414	0.41	cps
Beryllium	9-1	593422	597710	592852	594661	0.45	cps
Bismuth	209-1	6944044	7046650	7040862	7010519	0.82	cps
Bismuth	209-2	1931681	1910907	1904529	1915706	0.74	cps
Boron	10-1	66873	66890	68765	67509	1.61	cps
Boron	11-1	309479	317893	327675	318349	2.86	cps
Cadmium	111-1	864049	869012	875612	869558	0.67	cps
Cadmium	106-1	93312	91870	93633	92939	1.01	cps
Cadmium	108-1	63235	63202	62695	63044	0.48	cps
Calcium	43-1	898972	889479	908800	899084	1.07	cps
Calcium	44-1	14666695	14604891	14670650	14647412	0.25	cps
Chromium	52-2	345452	344309	346902	345554	0.38	cps
Cobalt	59-2	752769	757144	755711	755208	0.30	cps
Copper	63-2	1296233	1301399	1298780	1298804	0.20	cps
Dysprosium	156-1	83	100	108	97	13.09	cps
Dysprosium	156-2	13	13	13	13	0.00	cps
Erbium	164-1	33	50	83	56	45.83	cps
Erbium	164-2	3	17	10	10	66.70	cps
Gadolinium	160-1	92	75	117	94	22.21	cps
Gadolinium	160-2	10	20	23	18	39.03	cps
Holmium	165-1	10766168	11046143	11027532	10946614	1.43	cps
Holmium	165-2	2313281	2335767	2334698	2327915	0.54	cps
Indium	115-1	8342833	8318062	8422590	8361162	0.65	cps
Indium	115-2	333086	328789	330214	330697	0.66	cps
Iron	56-2	11563095	11565178	11564098	11564124	0.01	cps
Iron	57-2	291077	290900	292021	291333	0.21	cps
Krypton	83-1	393	410	407	403	2.19	cps
Lead	206-1	2746705	2715662	2724180	2728849	0.59	cps
Lead	207-1	2458951	2485968	2493239	2479386	0.73	cps
Lead	208-1	11103709	11118152	11079705	11100522	0.17	cps
Lithium	6-1	1622518	1662106	1621619	1635414	1.41	cps
Magnesium	24-2	1368684	1375438	1354966	1366363	0.76	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	191681	193837	191855	192458	0.62	cps
Molybdenum	94-1	6756587	6745844	6830758	6777730	0.68	cps
Molybdenum	95-1	8246825	8268459	8261677	8258987	0.13	cps
Molybdenum	96-1	9257261	9220669	9183863	9220598	0.40	cps
Molybdenum	97-1	5179293	5164213	5184696	5176067	0.21	cps
Molybdenum	98-1	13243965	13322457	13433789	13333403	0.72	cps
Neodymium	150-1	180	187	173	180	3.70	cps
Neodymium	150-2	7	10	10	9	21.63	cps
Nickel	60-2	220375	220982	220890	220749	0.15	cps
Phosphorus	31-2	3976	3576	3601	3717	6.03	cps
Potassium	39-2	335018	335037	331841	333965	0.55	cps
Rhodium	103-1	7613428	7723070	7651495	7662665	0.73	cps
Rhodium	103-2	2025660	2008389	2031176	2021742	0.59	cps
Scandium	45-1	5058512	5069620	5071325	5066485	0.14	cps
Scandium	45-2	36090	36190	35796	36025	0.57	cps
Selenium	77-2	287	243	267	266	8.17	cps
Selenium	78-2	930	980	939	949	2.80	cps
Selenium	82-1	53611	54105	54257	53991	0.63	cps
Silicon	28-1	2132498	2169339	2189625	2163821	1.34	cps
Silver	109-1	4071016	4080520	4111549	4087695	0.52	cps
Silver	107-1	4241511	4282025	4249949	4257828	0.50	cps
Sodium	23-2	3047565	3049533	3006283	3034460	0.80	cps
Strontium	86-1	1045295	1043807	1057852	1048985	0.74	cps
Strontium	88-1	8938751	8991271	9069245	8999756	0.73	cps
Sulfur	34-1	697042	690887	689520	692483	0.58	cps
Terbium	159-1	11103962	11238237	11194308	11178835	0.61	cps
Terbium	159-2	2217265	2217308	2193771	2209448	0.61	cps
Thallium	203-1	3369437	3395637	3378850	3381308	0.39	cps
Thallium	205-1	7904368	7964540	7885996	7918301	0.52	cps
Tin	118-1	2805359	2840695	2851498	2832517	0.85	cps
Titanium	47-1	2273290	2273440	2306270	2284333	0.83	cps
Uranium	238-1	10415338	10537936	10572514	10508596	0.79	cps
Vanadium	51-2	257691	257223	259793	258236	0.53	cps
Yttrium	89-1	8612697	8590216	8733320	8645411	0.89	cps
Yttrium	89-2	245488	243177	242943	243869	0.58	cps
Zinc	66-2	112995	114246	113875	113705	0.57	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111557BS	Instrumnet Name :	P8
Client Sample ID :	PB111557BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:17:56	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5655836	5712217	5712026	5693360	0.57	cps
Zirconium	91-1	1254807	1265796	1268854	1263152	0.58	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	289542	293027	291479	291349	0.60	cps
Antimony	121-1	4254640	4194646	4245207	4231497	0.76	cps
Arsenic	75-2	43002	42619	43381	43001	0.89	cps
Barium	135-1	4440907	4458017	4457094	4452006	0.22	cps
Barium	137-1	7568760	7682200	7670739	7640566	0.82	cps
Beryllium	9-1	614005	615526	619793	616441	0.49	cps
Bismuth	209-1	6626965	6857377	6907106	6797149	2.20	cps
Bismuth	209-2	1868294	1918652	1840973	1875973	2.10	cps
Boron	10-1	73036	76438	74644	74706	2.28	cps
Boron	11-1	343252	356770	361581	353868	2.69	cps
Cadmium	111-1	862212	874166	873281	869886	0.77	cps
Cadmium	106-1	93900	95890	93766	94519	1.26	cps
Cadmium	108-1	61703	62473	61503	61893	0.83	cps
Calcium	43-1	4508132	4551353	4611961	4557149	1.14	cps
Calcium	44-1	73608241	74546491	74072529	74075754	0.63	cps
Chromium	52-2	370825	371393	375643	372620	0.71	cps
Cobalt	59-2	774774	769440	776919	773711	0.50	cps
Copper	63-2	1293340	1283700	1304910	1293984	0.82	cps
Dysprosium	156-1	92	33	108	78	50.64	cps
Dysprosium	156-2	10	7	13	10	33.30	cps
Erbium	164-1	58	42	42	47	20.38	cps
Erbium	164-2	3	13	7	8	65.47	cps
Gadolinium	160-1	142	108	117	122	14.19	cps
Gadolinium	160-2	20	20	27	22	17.33	cps
Holmium	165-1	10665330	11000090	11044724	10903381	1.90	cps
Holmium	165-2	2330925	2386332	2336656	2351304	1.30	cps
Indium	115-1	8091231	8320534	8331890	8247885	1.65	cps
Indium	115-2	330883	333911	331849	332214	0.47	cps
Iron	56-2	59266668	59164826	59703461	59378318	0.48	cps
Iron	57-2	1521767	1515414	1525047	1520742	0.32	cps
Krypton	83-1	397	363	410	390	6.16	cps
Lead	206-1	2680793	2748550	2758343	2729228	1.55	cps
Lead	207-1	2454247	2446613	2483946	2461602	0.80	cps
Lead	208-1	10953087	11094720	11133042	11060283	0.86	cps
Lithium	6-1	1588797	1648810	1637536	1625047	1.96	cps
Magnesium	24-2	6912932	6905455	6913918	6910768	0.07	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	202149	201498	204047	202565	0.65	cps
Molybdenum	94-1	6948354	7002812	6969695	6973621	0.39	cps
Molybdenum	95-1	8473825	8598554	8491161	8521180	0.79	cps
Molybdenum	96-1	9466522	9557669	9521839	9515343	0.48	cps
Molybdenum	97-1	5242115	5361678	5350697	5318163	1.24	cps
Molybdenum	98-1	13727555	13813920	13866166	13802547	0.51	cps
Neodymium	150-1	193	273	167	211	26.30	cps
Neodymium	150-2	10	7	3	7	50.03	cps
Nickel	60-2	227642	228374	228240	228085	0.17	cps
Phosphorus	31-2	3776	3976	3951	3901	2.79	cps
Potassium	39-2	1761762	1766145	1763262	1763723	0.13	cps
Rhodium	103-1	7380523	7521799	7550036	7484120	1.21	cps
Rhodium	103-2	1979282	2041817	1977992	1999697	1.82	cps
Scandium	45-1	4978996	5173253	5119414	5090554	1.97	cps
Scandium	45-2	36273	37564	37186	37008	1.79	cps
Selenium	77-2	280	230	333	281	18.38	cps
Selenium	78-2	993	1065	1050	1036	3.68	cps
Selenium	82-1	53911	55218	55436	54855	1.50	cps
Silicon	28-1	2106299	2140595	2182913	2143269	1.79	cps
Silver	109-1	4019514	4050967	4058322	4042934	0.51	cps
Silver	107-1	4208764	4198435	4208915	4205372	0.14	cps
Sodium	23-2	15494564	15430023	15521166	15481918	0.30	cps
Strontium	86-1	1069859	1082489	1083137	1078495	0.69	cps
Strontium	88-1	9208029	9215349	9279909	9234429	0.43	cps
Sulfur	34-1	690892	707257	703166	700438	1.22	cps
Terbium	159-1	10974394	11307174	11239778	11173782	1.57	cps
Terbium	159-2	2218148	2257513	2229143	2234935	0.91	cps
Thallium	203-1	3318701	3373186	3344229	3345372	0.81	cps
Thallium	205-1	7833039	7960356	7904689	7899361	0.81	cps
Tin	118-1	2887271	2866484	2888292	2880682	0.43	cps
Titanium	47-1	2361748	2402799	2355994	2373514	1.08	cps
Uranium	238-1	10640426	10765664	10853629	10753240	1.00	cps
Vanadium	51-2	271927	271707	272358	271997	0.12	cps
Yttrium	89-1	8563068	8742771	8801823	8702554	1.43	cps
Yttrium	89-2	249560	255555	250244	251786	1.30	cps
Zinc	66-2	115065	114776	116151	115331	0.63	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV73	Instrumnet Name :	P8
Client Sample ID :	CCV73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:21:09	DataFile Name :	037CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5808822	5891712	5871594	5857376	0.74	cps
Zirconium	91-1	1296987	1314972	1321056	1311005	0.95	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	38	23	5	22	75.07	cps
Antimony	121-1	1792	1725	1642	1720	4.37	cps
Arsenic	75-2	2	2	6	3	69.39	cps
Barium	135-1	25	83	67	58	51.51	cps
Barium	137-1	42	75	50	56	31.22	cps
Beryllium	9-1	189	156	172	172	9.68	cps
Bismuth	209-1	7175173	7108799	7099921	7127964	0.58	cps
Bismuth	209-2	1944463	1852890	1910544	1902632	2.43	cps
Boron	10-1	1275	1142	1483	1300	13.25	cps
Boron	11-1	6727	6944	6985	6885	2.02	cps
Cadmium	111-1	1405	1530	1406	1447	4.98	cps
Cadmium	106-1	1975	2150	1975	2034	4.97	cps
Cadmium	108-1	4	0	8	4	99.96	cps
Calcium	43-1	717	725	617	686	8.79	cps
Calcium	44-1	17253	16611	17311	17058	2.28	cps
Chromium	52-2	390	417	360	389	7.29	cps
Cobalt	59-2	53	57	37	49	21.91	cps
Copper	63-2	440	440	423	434	2.21	cps
Dysprosium	156-1	8	17	0	8	100.02	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	25	25	42	31	31.50	cps
Erbium	164-2	0	13	10	8	89.21	cps
Gadolinium	160-1	75	75	58	69	13.85	cps
Gadolinium	160-2	17	23	10	17	39.99	cps
Holmium	165-1	10814415	10705772	10771113	10763767	0.51	cps
Holmium	165-2	2346655	2264620	2271052	2294109	1.99	cps
Indium	115-1	8580462	8459893	8492381	8510912	0.73	cps
Indium	115-2	343320	332995	339616	338644	1.54	cps
Iron	56-2	1006	1039	1217	1087	10.44	cps
Iron	57-2	33	50	50	44	21.66	cps
Krypton	83-1	367	360	447	391	12.33	cps
Lead	206-1	389	261	372	341	20.39	cps
Lead	207-1	328	217	278	274	20.31	cps
Lead	208-1	1345	1345	1395	1361	2.12	cps
Lithium	6-1	1680861	1661685	1690088	1677545	0.86	cps
Magnesium	24-2	300	208	233	247	19.17	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	30	33	32	5.97	cps
Molybdenum	94-1	650	875	800	775	14.78	cps
Molybdenum	95-1	533	400	492	475	14.36	cps
Molybdenum	96-1	600	650	633	628	4.06	cps
Molybdenum	97-1	358	400	342	367	8.20	cps
Molybdenum	98-1	742	733	967	814	16.26	cps
Neodymium	150-1	0	13	13	9	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	143	150	157	150	4.44	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2359	2509	2250	2373	5.47	cps
Rhodium	103-1	7936067	7862317	7879376	7892587	0.49	cps
Rhodium	103-2	2097512	2052107	2053191	2067604	1.25	cps
Scandium	45-1	5156395	5149374	5132108	5145959	0.24	cps
Scandium	45-2	37266	34716	35388	35790	3.69	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-21	61	-87	-16	-470.38	cps
Silicon	28-1	363218	370407	366983	366869	0.98	cps
Silver	109-1	142	167	183	164	12.79	cps
Silver	107-1	133	225	175	178	25.82	cps
Sodium	23-2	5101	5818	5510	5476	6.57	cps
Strontium	86-1	608	633	533	592	8.80	cps
Strontium	88-1	225	183	150	186	20.19	cps
Sulfur	34-1	425297	427483	429569	427450	0.50	cps
Terbium	159-1	11172381	11060517	11161251	11131383	0.55	cps
Terbium	159-2	2223117	2162499	2184836	2190151	1.40	cps
Thallium	203-1	392	500	475	456	12.45	cps
Thallium	205-1	908	1175	975	1020	13.61	cps
Tin	118-1	1283	1292	1717	1431	17.33	cps
Titanium	47-1	108	108	108	108	0.00	cps
Uranium	238-1	42	92	33	56	56.78	cps
Vanadium	51-2	7	3	0	3	100.05	cps
Yttrium	89-1	8734136	8596138	8683709	8671328	0.81	cps
Yttrium	89-2	249795	241478	245942	245738	1.69	cps
Zinc	66-2	103	140	93	112	21.89	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB73	Instrumnet Name :	P8
Client Sample ID :	CCB73	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:40:54	DataFile Name :	038CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1367	1042	1317	1242	14.09	cps
Zirconium	91-1	317	258	258	278	12.12	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : PB111553BL Instrumnet Name : P8
 Client Sample ID : PB111553BL Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 18:44:53 DataFile Name : 039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	23	18	51.64	cps
Antimony	121-1	650	750	775	725	9.12	cps
Arsenic	75-2	2	9	4	5	78.12	cps
Barium	135-1	25	33	50	36	35.25	cps
Barium	137-1	50	50	100	67	43.30	cps
Beryllium	9-1	133	183	183	167	17.32	cps
Bismuth	209-1	7109216	6628551	6864670	6867479	3.50	cps
Bismuth	209-2	2087202	1974473	1865358	1975678	5.61	cps
Boron	10-1	1358	1342	1383	1361	1.54	cps
Boron	11-1	6118	6110	5985	6071	1.23	cps
Cadmium	111-1	1615	1322	1454	1464	10.02	cps
Cadmium	106-1	2292	1884	2075	2084	9.81	cps
Cadmium	108-1	8	13	4	8	49.98	cps
Calcium	43-1	483	667	633	594	16.43	cps
Calcium	44-1	17445	17028	16836	17103	1.82	cps
Chromium	52-2	407	310	310	342	16.31	cps
Cobalt	59-2	57	40	87	61	38.70	cps
Copper	63-2	370	413	383	389	5.71	cps
Dysprosium	156-1	25	17	0	14	91.65	cps
Dysprosium	156-2	0	10	0	3	173.21	cps
Erbium	164-1	25	17	17	19	24.73	cps
Erbium	164-2	3	3	17	8	99.04	cps
Gadolinium	160-1	75	75	67	72	6.66	cps
Gadolinium	160-2	10	7	0	6	91.64	cps
Holmium	165-1	10643837	10434846	10633227	10570636	1.11	cps
Holmium	165-2	2398601	2377088	2263143	2346277	3.10	cps
Indium	115-1	8520001	8157165	8306410	8327859	2.19	cps
Indium	115-2	353102	345045	330196	342781	3.39	cps
Iron	56-2	1250	1256	1217	1241	1.70	cps
Iron	57-2	72	56	28	52	43.30	cps
Krypton	83-1	343	373	397	371	7.21	cps
Lead	206-1	317	283	333	311	8.18	cps
Lead	207-1	250	311	261	274	11.88	cps
Lead	208-1	1256	1461	1328	1348	7.74	cps
Lithium	6-1	1665058	1616862	1638243	1640054	1.47	cps
Magnesium	24-2	333	217	342	297	23.51	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P8
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:44:53	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	40	23	39	38.65	cps
Molybdenum	94-1	508	508	642	553	13.93	cps
Molybdenum	95-1	258	267	300	275	8.02	cps
Molybdenum	96-1	533	300	392	408	28.79	cps
Molybdenum	97-1	192	192	225	203	9.49	cps
Molybdenum	98-1	433	408	425	422	3.01	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	187	150	150	162	13.05	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	2259	2434	2350	2348	3.73	cps
Rhodium	103-1	7958959	7659316	7861457	7826577	1.95	cps
Rhodium	103-2	2124260	2119937	2052500	2098899	1.92	cps
Scandium	45-1	5067534	4851510	5018071	4979038	2.27	cps
Scandium	45-2	38540	37022	34673	36745	5.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	6	11	-60	-14	-274.46	cps
Silicon	28-1	367011	367314	367315	367213	0.05	cps
Silver	109-1	150	133	125	136	9.35	cps
Silver	107-1	200	258	142	200	29.17	cps
Sodium	23-2	5410	5243	5260	5304	1.73	cps
Strontium	86-1	583	625	542	583	7.14	cps
Strontium	88-1	125	192	192	169	22.71	cps
Sulfur	34-1	428662	430624	428566	429284	0.27	cps
Terbium	159-1	11015102	10757035	10869481	10880539	1.19	cps
Terbium	159-2	2292901	2242363	2177632	2237632	2.58	cps
Thallium	203-1	500	317	450	422	22.45	cps
Thallium	205-1	900	950	1058	970	8.35	cps
Tin	118-1	1100	1300	1025	1142	12.45	cps
Titanium	47-1	133	150	125	136	9.35	cps
Uranium	238-1	0	25	33	19	89.22	cps
Vanadium	51-2	3	0	7	3	100.05	cps
Yttrium	89-1	8608273	8332452	8517872	8486199	1.66	cps
Yttrium	89-2	256371	252531	242682	250528	2.82	cps
Zinc	66-2	120	113	100	111	9.17	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BL	Instrumnet Name :	P8
Client Sample ID :	PB111553BL	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:44:53	DataFile Name :	039CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1075	1200	1100	1125	5.88	cps
Zirconium	91-1	275	317	175	256	28.49	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	54904	54663	54532	54700	0.34	cps
Antimony	121-1	4171482	4190699	4231943	4198041	0.74	cps
Arsenic	75-2	42380	42264	43340	42661	1.38	cps
Barium	135-1	4398574	4403527	4422483	4408195	0.29	cps
Barium	137-1	7607243	7586458	7631971	7608557	0.30	cps
Beryllium	9-1	602382	605848	600138	602789	0.48	cps
Bismuth	209-1	6986283	6896595	7167603	7016827	1.97	cps
Bismuth	209-2	1939703	1941260	1891544	1924169	1.47	cps
Boron	10-1	64345	68113	68790	67083	3.57	cps
Boron	11-1	314885	326641	332628	324718	2.78	cps
Cadmium	111-1	874520	881739	875536	877265	0.45	cps
Cadmium	106-1	92944	94446	94639	94010	0.99	cps
Cadmium	108-1	62314	63959	62063	62779	1.64	cps
Calcium	43-1	920474	926850	922439	923254	0.35	cps
Calcium	44-1	14936248	14974494	15026214	14978986	0.30	cps
Chromium	52-2	357501	351792	357767	355687	0.95	cps
Cobalt	59-2	764306	767599	776516	769474	0.82	cps
Copper	63-2	1313970	1316795	1325509	1318758	0.46	cps
Dysprosium	156-1	83	75	50	69	24.98	cps
Dysprosium	156-2	3	7	3	4	43.40	cps
Erbium	164-1	42	83	50	58	37.80	cps
Erbium	164-2	10	3	3	6	69.34	cps
Gadolinium	160-1	83	133	92	103	26.06	cps
Gadolinium	160-2	0	13	20	11	91.66	cps
Holmium	165-1	11009870	10791306	11179281	10993486	1.77	cps
Holmium	165-2	2360493	2378786	2367788	2369022	0.39	cps
Indium	115-1	8399620	8357097	8618269	8458329	1.66	cps
Indium	115-2	339679	338283	336178	338047	0.52	cps
Iron	56-2	11835817	11795230	11929845	11853631	0.58	cps
Iron	57-2	300105	296861	299483	298816	0.58	cps
Krypton	83-1	450	340	377	389	14.40	cps
Lead	206-1	2696121	2719625	2709467	2708404	0.44	cps
Lead	207-1	2462653	2467798	2484598	2471683	0.46	cps
Lead	208-1	10984787	11095060	11069219	11049689	0.52	cps
Lithium	6-1	1682193	1657330	1678157	1672560	0.80	cps
Magnesium	24-2	1392079	1423269	1416489	1410612	1.16	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	199321	198009	197979	198436	0.39	cps
Molybdenum	94-1	6794285	6912932	6748969	6818729	1.24	cps
Molybdenum	95-1	8252122	8355431	8361562	8323038	0.74	cps
Molybdenum	96-1	9332856	9374983	9355604	9354481	0.23	cps
Molybdenum	97-1	5221670	5276508	5236904	5245027	0.54	cps
Molybdenum	98-1	13481465	13431175	13543039	13485226	0.42	cps
Neodymium	150-1	167	207	193	189	10.78	cps
Neodymium	150-2	0	10	7	6	91.64	cps
Nickel	60-2	224699	226325	227399	226141	0.60	cps
Phosphorus	31-2	4042	3759	3459	3753	7.77	cps
Potassium	39-2	343985	345934	345837	345252	0.32	cps
Rhodium	103-1	7753337	7636621	7949595	7779851	2.03	cps
Rhodium	103-2	2042263	2040602	2037765	2040210	0.11	cps
Scandium	45-1	5151883	5078609	5243424	5157972	1.60	cps
Scandium	45-2	37092	37113	36675	36960	0.67	cps
Selenium	77-2	333	267	290	297	11.40	cps
Selenium	78-2	1052	980	1037	1023	3.73	cps
Selenium	82-1	53907	55052	54751	54570	1.09	cps
Silicon	28-1	2138412	2170587	2145623	2151541	0.78	cps
Silver	109-1	4132781	4137197	4058138	4109372	1.08	cps
Silver	107-1	4330362	4308603	4349712	4329559	0.48	cps
Sodium	23-2	3137991	3156702	3140668	3145120	0.32	cps
Strontium	86-1	1055527	1066120	1063691	1061779	0.52	cps
Strontium	88-1	9084292	9244731	9140749	9156591	0.89	cps
Sulfur	34-1	701610	695803	699200	698871	0.42	cps
Terbium	159-1	11227861	11044129	11393555	11221848	1.56	cps
Terbium	159-2	2238977	2243931	2198070	2226992	1.13	cps
Thallium	203-1	3324650	3374394	3354121	3351055	0.75	cps
Thallium	205-1	7873991	7947162	7835074	7885409	0.72	cps
Tin	118-1	2832925	2878256	2851945	2854375	0.80	cps
Titanium	47-1	2331353	2345095	2331136	2335861	0.34	cps
Uranium	238-1	10354261	10472520	10468725	10431835	0.64	cps
Vanadium	51-2	266630	264206	267480	266105	0.64	cps
Yttrium	89-1	8701679	8628878	8886827	8739128	1.52	cps
Yttrium	89-2	256052	252222	249133	252469	1.37	cps
Zinc	66-2	114850	116430	116191	115824	0.74	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	PB111553BS	Instrumnet Name :	P8
Client Sample ID :	PB111553BS	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:48:14	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5747051	5766854	5780961	5764955	0.30	cps
Zirconium	91-1	1271441	1287542	1282335	1280439	0.64	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : CCV74 Instrumnet Name : P8
 Client Sample ID : CCV74 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 18:51:27 DataFile Name : 041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	288561	290062	290115	289579	0.30	cps
Antimony	121-1	4140658	4184396	4157953	4161002	0.53	cps
Arsenic	75-2	42773	42627	43463	42954	1.04	cps
Barium	135-1	4374294	4395911	4325734	4365313	0.82	cps
Barium	137-1	7469836	7566032	7527983	7521284	0.64	cps
Beryllium	9-1	604594	602758	603716	603689	0.15	cps
Bismuth	209-1	6672388	6677805	6570245	6640146	0.91	cps
Bismuth	209-2	1857987	1799305	1796573	1817955	1.91	cps
Boron	10-1	71580	73455	73949	72995	1.71	cps
Boron	11-1	333609	345812	354633	344685	3.06	cps
Cadmium	111-1	850201	853368	846412	849994	0.41	cps
Cadmium	106-1	91233	93834	90997	92021	1.71	cps
Cadmium	108-1	60372	61498	60803	60891	0.93	cps
Calcium	43-1	4543062	4514167	4567577	4541602	0.59	cps
Calcium	44-1	74272264	73462693	73236568	73657175	0.74	cps
Chromium	52-2	366784	369388	370367	368846	0.50	cps
Cobalt	59-2	766753	769192	770203	768716	0.23	cps
Copper	63-2	1283184	1279598	1291615	1284799	0.48	cps
Dysprosium	156-1	33	92	142	89	61.00	cps
Dysprosium	156-2	13	7	7	9	43.25	cps
Erbium	164-1	17	50	108	58	79.54	cps
Erbium	164-2	20	7	3	10	88.20	cps
Gadolinium	160-1	100	133	150	128	19.92	cps
Gadolinium	160-2	10	10	10	10	0.00	cps
Holmium	165-1	10603678	10834314	10724165	10720719	1.08	cps
Holmium	165-2	2355836	2304009	2277564	2312470	1.72	cps
Indium	115-1	8154620	8149768	8112175	8138854	0.29	cps
Indium	115-2	338522	329216	323971	330570	2.23	cps
Iron	56-2	59196087	58674661	59625510	59165419	0.80	cps
Iron	57-2	1503739	1504637	1499243	1502540	0.19	cps
Krypton	83-1	320	413	373	369	12.69	cps
Lead	206-1	2719807	2661718	2652711	2678079	1.36	cps
Lead	207-1	2421572	2417480	2388207	2409087	0.76	cps
Lead	208-1	10816149	10798437	10714907	10776498	0.50	cps
Lithium	6-1	1576865	1613820	1594421	1595035	1.16	cps
Magnesium	24-2	6879132	6869400	6940821	6896451	0.56	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:51:27	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	200187	202786	204736	202570	1.13	cps
Molybdenum	94-1	6796213	6844105	6871937	6837418	0.56	cps
Molybdenum	95-1	8318430	8423126	8350037	8363864	0.64	cps
Molybdenum	96-1	9362341	9403882	9366773	9377665	0.24	cps
Molybdenum	97-1	5183353	5261998	5296246	5247199	1.10	cps
Molybdenum	98-1	13567014	13649024	13587145	13601061	0.31	cps
Neodymium	150-1	220	327	220	256	24.10	cps
Neodymium	150-2	10	7	7	8	24.71	cps
Nickel	60-2	226115	226664	227653	226811	0.34	cps
Phosphorus	31-2	4159	3942	3759	3954	5.07	cps
Potassium	39-2	1760507	1793403	1770817	1774909	0.95	cps
Rhodium	103-1	7367917	7507194	7449664	7441592	0.94	cps
Rhodium	103-2	1987938	1938011	1933909	1953286	1.54	cps
Scandium	45-1	5017639	5073207	4986340	5025728	0.88	cps
Scandium	45-2	37206	36975	36300	36827	1.28	cps
Selenium	77-2	270	287	247	268	7.51	cps
Selenium	78-2	1015	946	1043	1001	4.95	cps
Selenium	82-1	53830	53954	53503	53762	0.43	cps
Silicon	28-1	2132929	2166227	2129766	2142974	0.94	cps
Silver	109-1	3974609	3963901	3929064	3955858	0.60	cps
Silver	107-1	4106159	4139089	4100422	4115224	0.51	cps
Sodium	23-2	15317714	15282866	15321345	15307308	0.14	cps
Strontium	86-1	1063988	1058452	1064518	1062320	0.32	cps
Strontium	88-1	9102919	9090040	9101010	9097990	0.08	cps
Sulfur	34-1	687185	689969	687589	688248	0.22	cps
Terbium	159-1	10981301	11009402	10863490	10951398	0.71	cps
Terbium	159-2	2250884	2190883	2182635	2208134	1.69	cps
Thallium	203-1	3257469	3262073	3268284	3262609	0.17	cps
Thallium	205-1	7627417	7695637	7654228	7659094	0.45	cps
Tin	118-1	2830584	2848103	2843749	2840812	0.32	cps
Titanium	47-1	2317352	2311015	2332120	2320162	0.47	cps
Uranium	238-1	10441582	10476126	10420931	10446213	0.27	cps
Vanadium	51-2	269138	268485	270893	269505	0.46	cps
Yttrium	89-1	8473542	8629636	8490344	8531174	1.00	cps
Yttrium	89-2	253400	249121	247949	250157	1.15	cps
Zinc	66-2	113799	113456	114806	114021	0.62	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCV74	Instrumnet Name :	P8
Client Sample ID :	CCV74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 18:51:27	DataFile Name :	041CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5759281	5798773	5757691	5771915	0.40	cps
Zirconium	91-1	1277832	1284875	1289428	1284045	0.46	cps

LB Number : LB97175 Operator : Jaswal
 Lab Sample ID : CCB74 Instrumnet Name : P8
 Client Sample ID : CCB74 Dilution Factor : 1
 Date & Time Acquired :: 2018-08-07 19:04:54 DataFile Name : 042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	13	30	20	21	42.15	cps
Antimony	121-1	1992	2025	2517	2178	13.50	cps
Arsenic	75-2	0	4	4	2	86.60	cps
Barium	135-1	75	75	92	81	11.95	cps
Barium	137-1	83	108	100	97	13.09	cps
Beryllium	9-1	172	178	194	181	6.37	cps
Bismuth	209-1	6824942	6899941	6857551	6860811	0.55	cps
Bismuth	209-2	2071598	1996715	1923880	1997398	3.70	cps
Boron	10-1	1433	1425	1442	1433	0.58	cps
Boron	11-1	6685	6468	6927	6693	3.43	cps
Cadmium	111-1	1411	1403	1423	1412	0.71	cps
Cadmium	106-1	1967	1967	1975	1970	0.24	cps
Cadmium	108-1	4	17	8	10	65.47	cps
Calcium	43-1	667	600	683	650	6.78	cps
Calcium	44-1	18280	17412	17095	17595	3.49	cps
Chromium	52-2	330	497	443	423	20.11	cps
Cobalt	59-2	40	103	67	70	45.43	cps
Copper	63-2	393	363	443	400	10.10	cps
Dysprosium	156-1	25	25	17	22	21.64	cps
Dysprosium	156-2	0	3	10	4	114.60	cps
Erbium	164-1	58	58	58	58	0.00	cps
Erbium	164-2	7	13	7	9	43.25	cps
Gadolinium	160-1	125	92	167	128	29.41	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	10602161	10493430	10341725	10479105	1.25	cps
Holmium	165-2	2377545	2370514	2316262	2354774	1.42	cps
Indium	115-1	8419391	8369416	8183620	8324142	1.49	cps
Indium	115-2	358914	352201	342538	351218	2.34	cps
Iron	56-2	1322	1256	1178	1252	5.78	cps
Iron	57-2	28	44	44	39	24.75	cps
Krypton	83-1	400	403	377	393	3.69	cps
Lead	206-1	628	361	439	476	28.84	cps
Lead	207-1	456	356	378	396	13.25	cps
Lead	208-1	1978	1417	1733	1709	16.47	cps
Lithium	6-1	1615325	1621536	1592060	1609640	0.97	cps
Magnesium	24-2	233	225	242	233	3.57	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 19:04:54	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	37	27	30	31	16.37	cps
Molybdenum	94-1	942	958	1000	967	3.11	cps
Molybdenum	95-1	617	725	650	664	8.36	cps
Molybdenum	96-1	808	958	817	861	9.79	cps
Molybdenum	97-1	550	475	392	472	16.77	cps
Molybdenum	98-1	950	1242	1142	1111	13.34	cps
Neodymium	150-1	13	20	0	11	91.66	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	163	160	150	158	4.40	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2625	2534	2575	2578	1.78	cps
Rhodium	103-1	7792336	7744657	7562300	7699764	1.58	cps
Rhodium	103-2	2165395	2153743	2085365	2134834	2.03	cps
Scandium	45-1	5031486	5089234	4956219	5025647	1.33	cps
Scandium	45-2	37975	38626	36153	37585	3.41	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-9	-11	-4	-8	-45.82	cps
Silicon	28-1	361966	366775	368883	365875	0.97	cps
Silver	109-1	158	192	158	169	11.36	cps
Silver	107-1	142	150	208	167	21.80	cps
Sodium	23-2	6068	6002	6077	6049	0.68	cps
Strontium	86-1	633	592	500	575	11.86	cps
Strontium	88-1	559	200	217	325	62.32	cps
Sulfur	34-1	415084	421326	423955	420121	1.08	cps
Terbium	159-1	10947597	10914584	10622242	10828141	1.65	cps
Terbium	159-2	2309911	2275421	2213148	2266160	2.16	cps
Thallium	203-1	592	575	458	542	13.41	cps
Thallium	205-1	1100	1017	1250	1122	10.54	cps
Tin	118-1	1175	1367	1233	1258	7.81	cps
Titanium	47-1	83	108	158	117	32.73	cps
Uranium	238-1	225	58	50	111	88.87	cps
Vanadium	51-2	0	3	17	7	132.33	cps
Yttrium	89-1	8533751	8530066	8411427	8491748	0.82	cps
Yttrium	89-2	260226	256468	249542	255412	2.12	cps
Zinc	66-2	130	130	163	141	13.64	cps

LB Number :	LB97175	Operator :	Jaswal
Lab Sample ID :	CCB74	Instrumnet Name :	P8
Client Sample ID :	CCB74	Dilution Factor :	1
Date & Time Acquired ::	2018-08-07 19:04:54	DataFile Name :	042CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1617	1492	1614	7.49	cps
Zirconium	91-1	308	358	400	356	12.91	cps