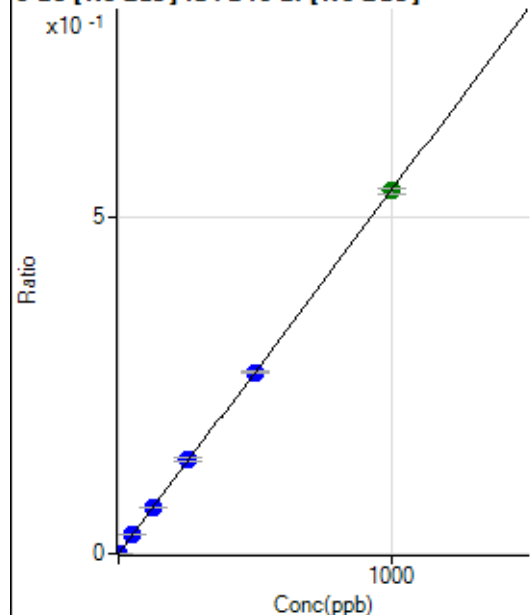


Batch Folder: D:\P8071118MS.b\
Analysis File: P8071118MS.batch.bin
DA Date-Time: 2018-07-11 19:30:25
Calibration Title:
Calibration Method: External Calibration
VIS Interpolation Fit:

Level	Standard Data File	Sample Name	Acq. Date-Time
1	003CALB.d	S00	2018-07-11 13:01:29
2			
3	005CALS.d	S02	2018-07-11 13:08:55
4	006CALS.d	S03	2018-07-11 13:12:37
5	007CALS.d	S04	2018-07-11 13:16:18
6	008CALS.d	S05	2018-07-11 13:19:54
7	009CALS.d	S06	2018-07-11 13:23:24
8	010CALS.d	S07	2018-07-11 13:26:50
9	011CALS.d	S08	2018-07-11 13:30:12

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	140.75	0.0001	P	26.3
2	☐	0.100					
3	☐	1.000	1.126	1574.20	0.0007	P	4.4
4	☐	50.000	51.950	67928.74	0.0281	P	0.8
5	☐	125.000	128.681	167032.85	0.0694	P	0.3
6	☐	250.000	258.720	328797.97	0.1396	P	4.3
7	☐	500.000	498.255	628300.40	0.2687	P	0.8
8	☐	1000.000	998.135	1196741.33	0.5382	A	1.3
9	☐			581.51	0.0003	P	2.4

$$y = 5.3916\text{E-}004 * x + 5.8399\text{E-}005$$

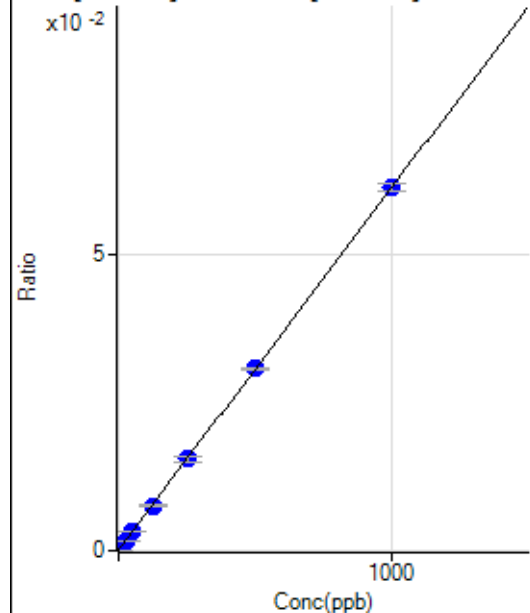
$$R = 1.0000$$

$$DL = 0.08545$$

$$BEC = 0.1083$$

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	275.01	0.0001	P	12.4
2	☐	2.500					
3	☐	25.000	24.441	3811.78	0.0016	P	7.7
4	☐	50.000	50.399	7746.87	0.0032	P	6.7
5	☐	125.000	121.260	18128.79	0.0075	P	2.9
6	☐	250.000	250.496	36394.43	0.0154	P	5.0
7	☐	500.000	500.875	71961.30	0.0308	P	1.4
8	☐	1000.000	999.900	136356.25	0.0613	P	2.1
9	☐			7171.52	0.0032	P	4.3

$$y = 6.1213\text{E-}005 * x + 1.1457\text{E-}004$$

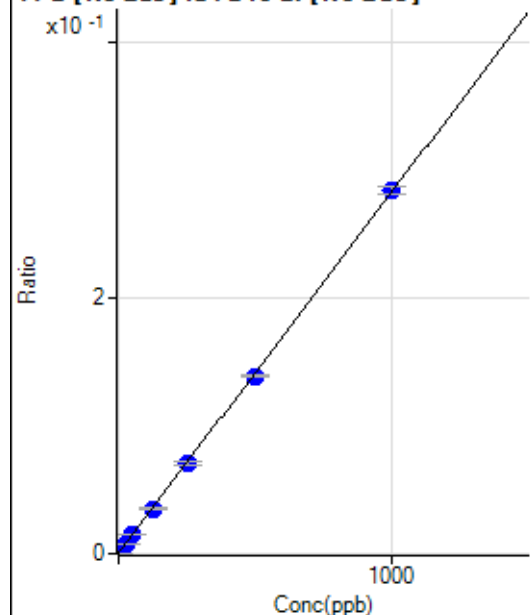
$$R = 1.0000$$

$$DL = 0.694$$

$$BEC = 1.872$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	1144.55	0.0005	P	20.4
2	☐	2.500					
3	☐	25.000	24.733	17647.58	0.0075	P	4.1
4	☐	50.000	50.223	35486.44	0.0147	P	2.8
5	☐	125.000	122.601	84429.00	0.0351	P	1.8
6	☐	250.000	250.350	167711.32	0.0712	P	4.4
7	☐	500.000	491.229	325485.55	0.1392	P	1.5
8	☐	1000.000	1004.594	631915.34	0.2842	P	2.3
9	☐			32072.88	0.0143	P	6.3

$$y = 2.8241\text{E-}004 * x + 4.7709\text{E-}004$$

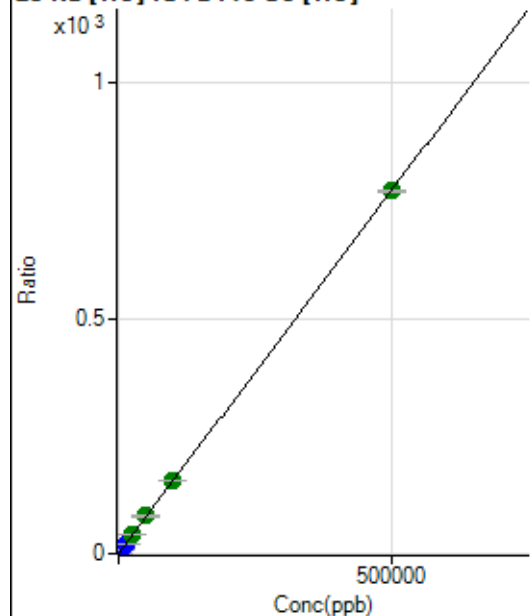
$$R = 0.9999$$

$$DL = 1.033$$

$$BEC = 1.689$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	3386.67	0.0845	P	7.4
2	☐	50.000					
3	☐	500.000	510.392	34303.58	0.8712	P	1.8
4	☐	5000.000	5040.934	314780.76	7.8541	P	1.3
5	☐	12500.000	12649.402	768678.27	19.5811	P	1.0
6	☐	25000.000	25385.496	1541048.59	39.2113	A	0.3
7	☐	50000.000	51665.529	2910199.85	79.7168	A	1.7
8	☐	100000.00	100545.99	5652315.18	155.0564	A	2.2
9	☐	500000.00	499700.81	31962094.12	770.2750	A	0.6

$$y = 0.0015 * x + 0.0845$$

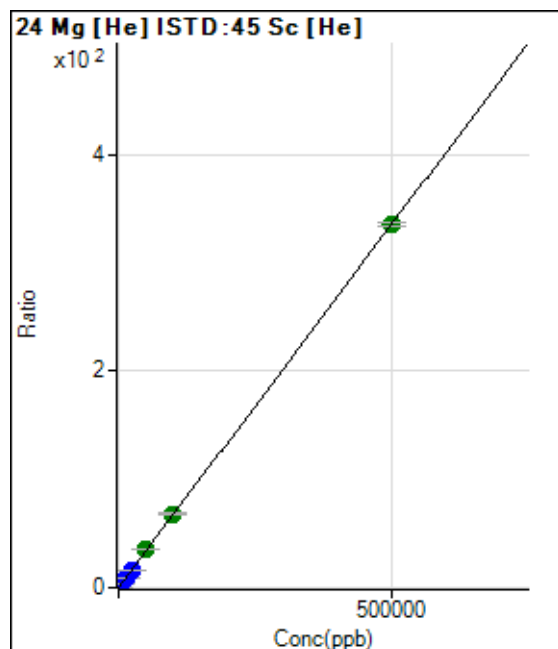
$$R = 1.0000$$

$$DL = 12.19$$

$$BEC = 54.84$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	166.67	0.0042	P	12.8
2	☐	50.000					
3	☐	500.000	510.733	13651.62	0.3468	P	4.8
4	☐	5000.000	5090.344	137050.54	3.4194	P	0.9
5	☐	12500.000	12773.804	336593.51	8.5744	P	1.1
6	☐	25000.000	24878.731	656144.14	16.6959	P	1.4
7	☐	50000.000	52181.616	1278323.04	35.0140	A	0.9
8	☐	100000.00	101500.97	2482211.58	68.1035	A	3.0
9	☐	500000.00	499479.94	13904813.85	335.1169	A	1.0

$$y = 6.7092\text{E-}004 * x + 0.0042$$

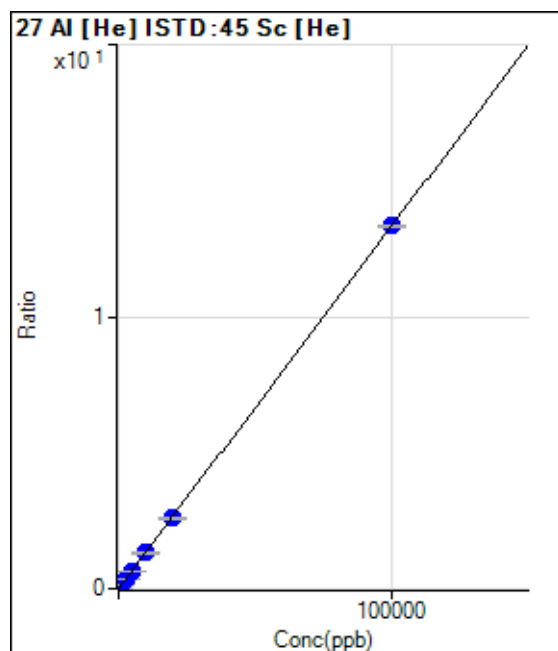
$$R = 1.0000$$

$$DL = 2.379$$

$$BEC = 6.194$$

Weight: <None>

Min Conc: 0



	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	11.11	0.0003	P	114.5
2	☐	2.000					
3	☐	20.000	18.045	105.56	0.0027	P	19.1
4	☐	1000.000	949.804	5081.69	0.1269	P	7.3
5	☐	2500.000	2449.822	12828.51	0.3268	P	1.6
6	☐	5000.000	4877.335	25557.18	0.6503	P	1.9
7	☐	10000.000	9974.364	48542.32	1.3297	P	3.4
8	☐	20000.000	19411.000	94332.05	2.5875	P	1.6
9	☐	100000.00	100128.25	553758.64	13.3458	P	0.9

$$y = 1.3328\text{E-}004 * x + 2.7894\text{E-}004$$

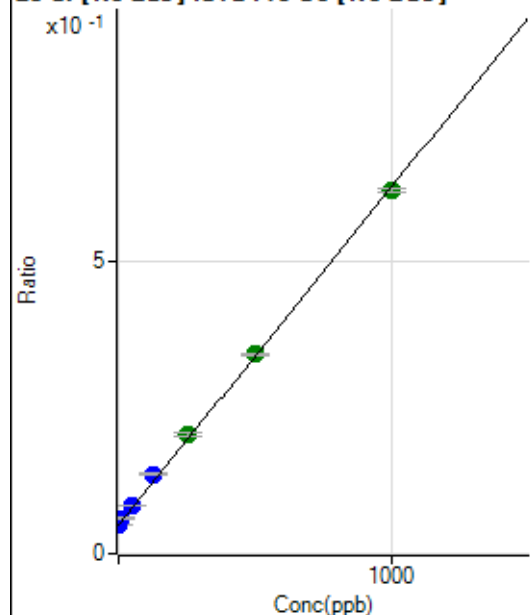
$$R = 1.0000$$

$$DL = 7.186$$

$$BEC = 2.093$$

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	279943.58	0.0490	P	1.1
2	☐	1.000					
3	☐	10.000	20.388	345253.75	0.0608	P	2.5
4	☐	50.000	59.746	485597.92	0.0836	P	1.0
5	☐	125.000	151.069	787231.20	0.1364	P	0.6
6	☐	250.000	268.051	1166031.19	0.2042	A	3.1
7	☐	500.000	505.875	1954245.55	0.3419	A	1.3
8	☐	1000.000	988.700	3375893.22	0.6215	A	1.0
9	☐			335003.00	0.0597	P	4.5

$$y = 5.7913\text{E-}004 * x + 0.0490$$

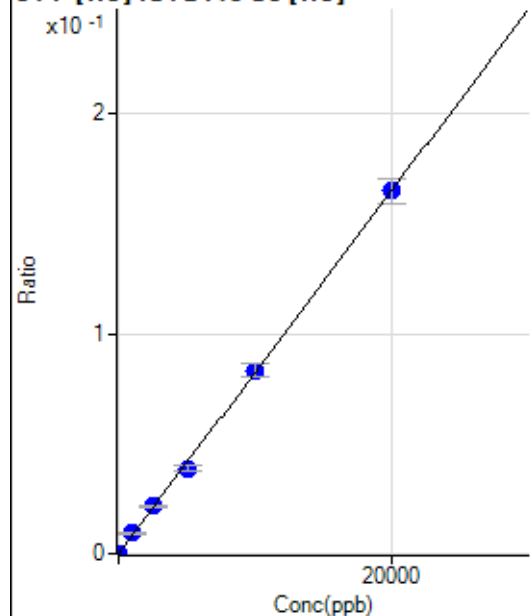
$$R = 0.9996$$

$$DL = 2.77$$

$$BEC = 84.53$$

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	0.000	0.00	0.0000	P	
2	☐	0.000					
3	☐	0.000	0.000	0.00	0.0000	P	
4	☐	1000.000	1116.850	369.47	0.0092	P	15.7
5	☐	2500.000	2601.280	841.74	0.0214	P	2.8
6	☐	5000.000	4691.261	1519.60	0.0387	P	7.7
7	☐	10000.000	10117.218	3044.91	0.0834	P	6.9
8	☐	20000.000	20000.073	6007.09	0.1648	P	7.2
9	☐			5.55	0.0001	P	86.6

$$y = 8.2424\text{E-}006 * x + 0.0000\text{E+}000$$

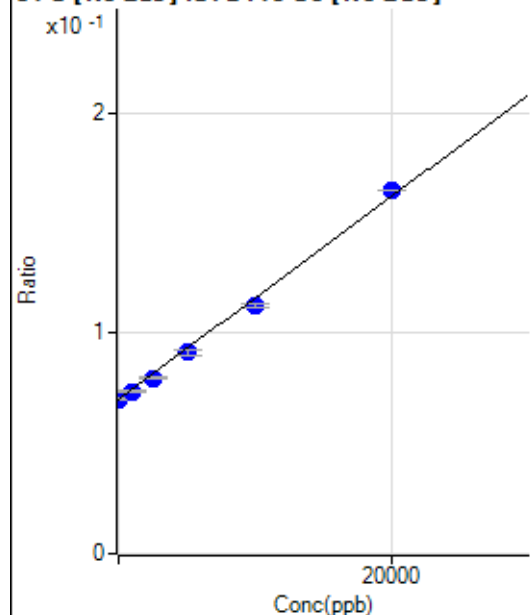
$$R = 0.9998$$

$$DL = 0$$

$$BEC = 0$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	-85.654	398142.65	0.0696	P	0.9
2	☐	0.000					
3	☐	0.000	85.654	400124.90	0.0704	P	1.6
4	☐	1000.000	783.716	427891.79	0.0736	P	0.5
5	☐	2500.000	2104.301	459840.17	0.0797	P	0.9
6	☐	5000.000	4664.524	522432.74	0.0915	P	2.7
7	☐	10000.000	9226.635	642835.46	0.1125	P	1.4
8	☐	20000.000	20530.828	893424.01	0.1645	P	0.2
9	☐			378337.18	0.0674	P	4.4

$$y = 4.6014\text{E-}006 * x + 0.0700$$

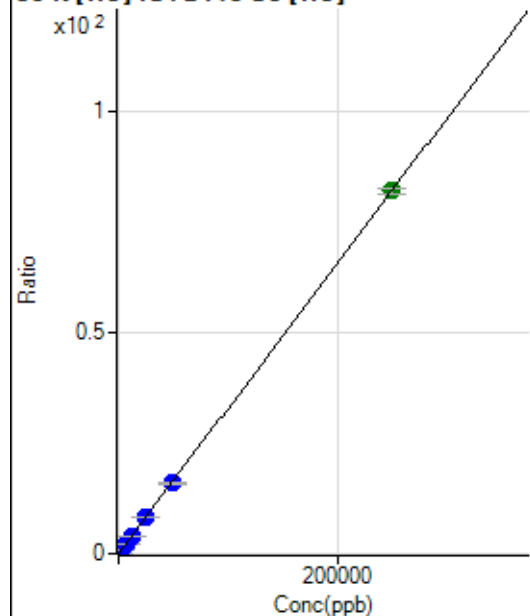
$$R = 0.9987$$

$$DL = 558.2$$

$$BEC = 1.522\text{E}+04$$

Weight: <None>

Min Conc: 0

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1694.63	0.0423	P	10.6
2	☐	50.000					
3	☐	500.000	497.643	8086.00	0.2054	P	4.2
4	☐	2500.000	2470.570	34153.75	0.8521	P	0.9
5	☐	6250.000	6185.893	81248.26	2.0699	P	2.3
6	☐	12500.000	12013.050	156412.20	3.9799	P	1.3
7	☐	25000.000	24780.785	298062.65	8.1649	P	2.2
8	☐	50000.000	48445.236	580426.55	15.9217	P	2.1
9	☐	250000.00	250359.12	3406662.23	82.1054	A	1.4

$$y = 3.2778\text{E-}004 * x + 0.0423$$

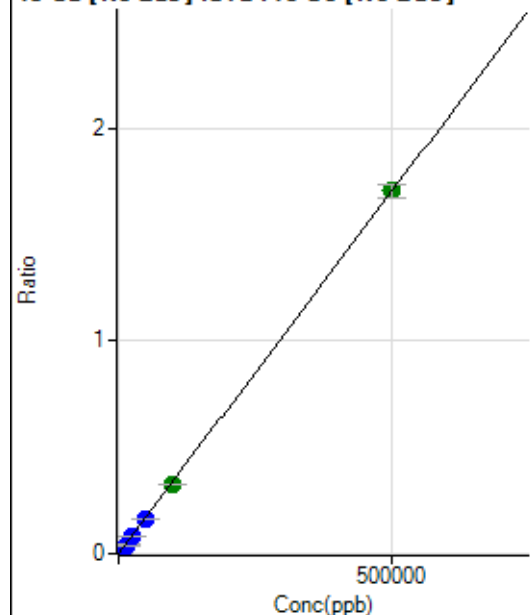
$$R = 1.0000$$

$$DL = 40.91$$

$$BEC = 128.9$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	511.15	0.0001	P	21.0
2	☐	50.000					
3	☐	500.000	480.908	9809.35	0.0017	P	3.5
4	☐	5000.000	4807.119	95613.65	0.0165	P	1.6
5	☐	12500.000	11924.186	234691.89	0.0407	P	0.9
6	☐	25000.000	23877.060	464649.84	0.0814	P	2.6
7	☐	50000.000	46761.367	910208.96	0.1593	P	0.4
8	☐	100000.00	96327.050	1781299.98	0.3280	A	1.0
9	☐	500000.00	501130.94	9580079.73	1.7058	A	3.7

$$y = 3.4037\text{E-}006 * x + 8.9352\text{E-}005$$

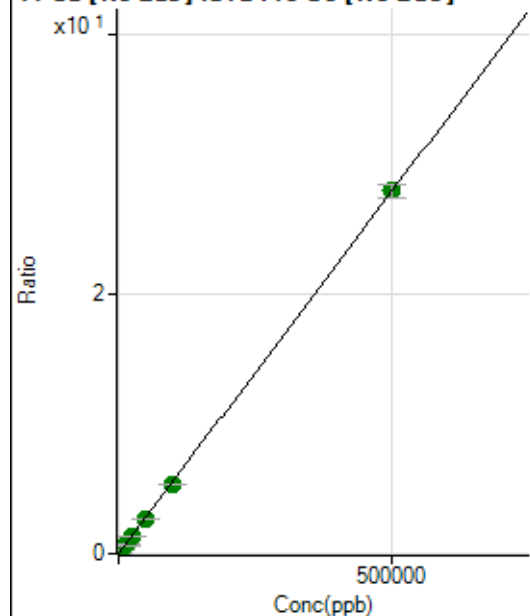
$$R = 1.0000$$

$$DL = 16.54$$

$$BEC = 26.25$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	18780.04	0.0033	P	0.4
2	☐	50.000					
3	☐	500.000	477.924	170105.56	0.0299	P	1.7
4	☐	5000.000	4841.322	1587984.19	0.2732	A	1.8
5	☐	12500.000	11943.298	3861466.75	0.6693	A	0.9
6	☐	25000.000	23678.653	7558992.44	1.3237	A	3.0
7	☐	50000.000	46593.424	14868636.27	2.6015	A	0.0
8	☐	100000.00	94696.120	28699041.61	5.2838	A	0.5
9	☐	500000.00	501483.02	157052432.6	27.9673	A	4.0

$$y = 5.5763\text{E-}005 * x + 0.0033$$

$$R = 0.9999$$

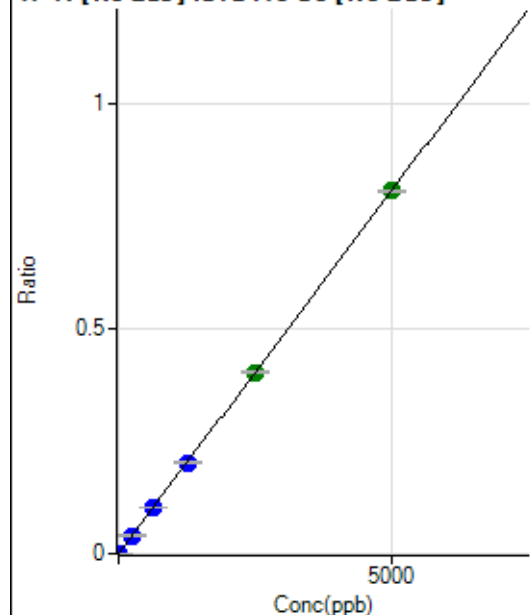
$$DL = 0.7189$$

$$BEC = 58.89$$

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	158.34	0.0000	P	27.6
2	☐	0.500					
3	☐	5.000	5.088	4828.84	0.0008	P	3.1
4	☐	250.000	250.479	235337.63	0.0405	P	1.0
5	☐	625.000	625.376	583073.81	0.1011	P	0.7
6	☐	1250.000	1255.205	1158081.40	0.2028	P	3.4
7	☐	2500.000	2498.355	2307023.21	0.4036	A	1.0
8	☐	5000.000	4999.450	4387129.22	0.8077	A	0.5
9	☐			2511.45	0.0004	P	5.1

$$y = 1.6155E-004 * x + 2.7700E-005$$

$$R = 1.0000$$

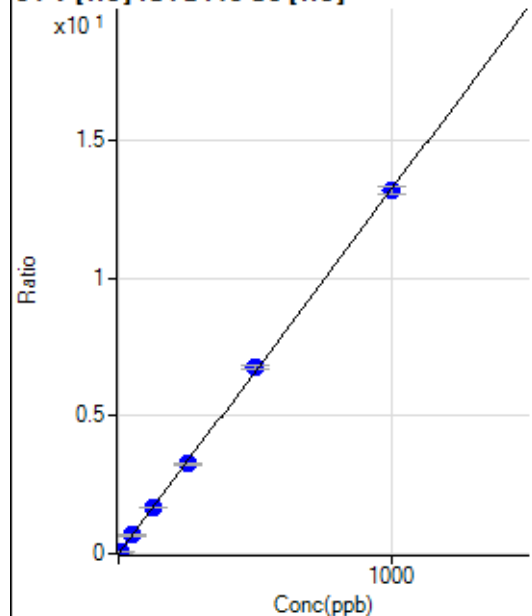
$$DL = 0.1419$$

$$BEC = 0.1715$$

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	22.22	0.0006	P	24.0
2	☐	0.500					
3	☐	5.000	4.858	2548.06	0.0647	P	5.6
4	☐	50.000	50.169	26582.10	0.6634	P	2.8
5	☐	125.000	125.650	65189.65	1.6606	P	0.7
6	☐	250.000	245.767	127620.44	3.2475	P	1.8
7	☐	500.000	510.691	246324.27	6.7475	P	1.9
8	☐	1000.000	995.624	479500.20	13.1541	P	2.2
9	☐			175.56	0.0042	P	24.6

$$y = 0.0132 * x + 5.5544E-004$$

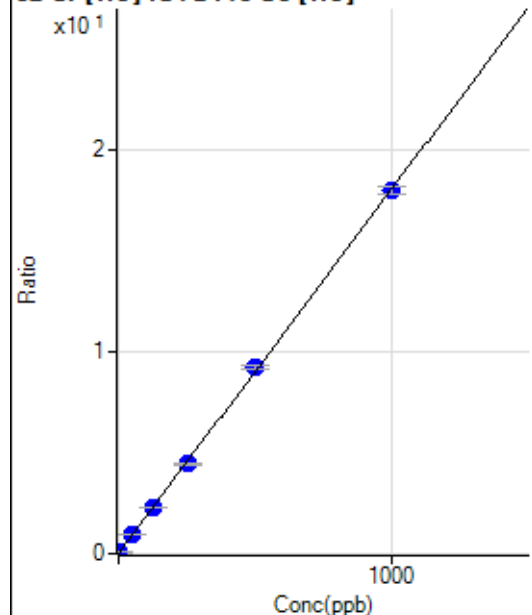
$$R = 0.9999$$

$$DL = 0.03026$$

$$BEC = 0.04204$$

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	491.13	0.0123	P	2.1
2	☐	0.200					
3	☐	2.000	2.241	2074.63	0.0527	P	4.3
4	☐	50.000	50.411	36933.23	0.9216	P	2.1
5	☐	125.000	126.122	89788.82	2.2873	P	1.5
6	☐	250.000	245.835	174760.92	4.4467	P	0.8
7	☐	500.000	510.147	336386.67	9.2145	P	1.8
8	☐	1000.000	995.806	655228.98	17.9749	P	2.3
9	☐			28062.71	0.6764	P	1.7

$$y = 0.0180 * x + 0.0123$$

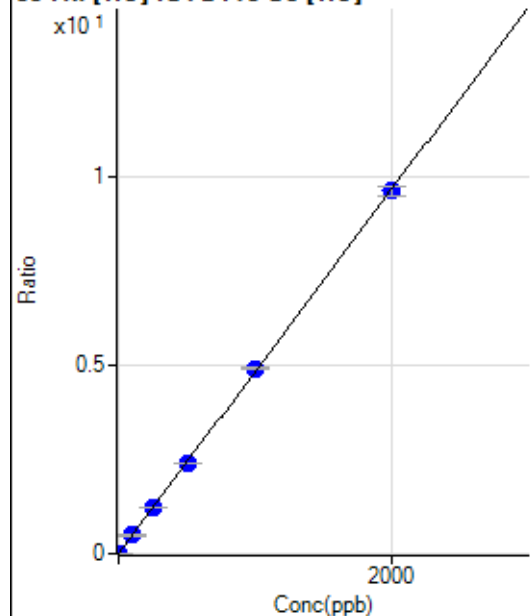
$$R = 0.9999$$

$$DL = 0.04284$$

$$BEC = 0.6792$$

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	85.56	0.0021	P	7.1
2	☐	0.100					
3	☐	1.000	0.901	255.56	0.0065	P	14.1
4	☐	100.000	100.114	19444.84	0.4852	P	3.2
5	☐	250.000	251.733	47770.48	1.2169	P	1.4
6	☐	500.000	495.737	94104.16	2.3944	P	0.6
7	☐	1000.000	1017.366	179307.27	4.9116	P	1.7
8	☐	2000.000	1992.160	350497.17	9.6156	P	2.5
9	☐			1855.71	0.0447	P	3.7

$$y = 0.0048 * x + 0.0021$$

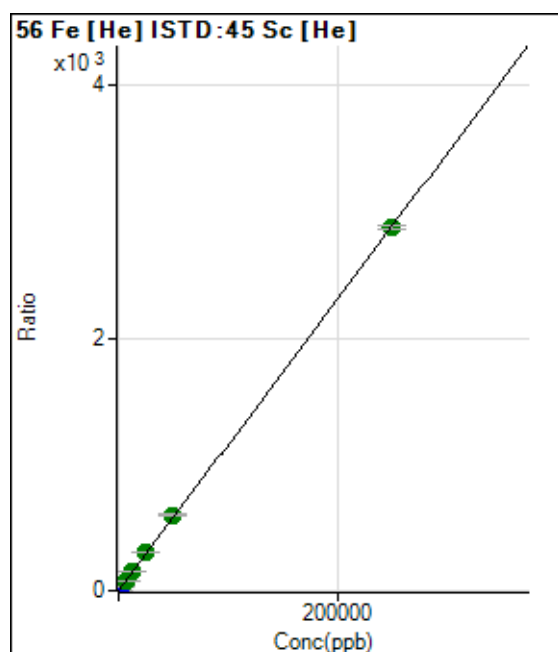
$$R = 0.9999$$

$$DL = 0.09384$$

$$BEC = 0.4425$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1600.14	0.0399	P	8.7
2	☐	5.000					
3	☐	50.000	55.225	26588.78	0.6754	P	3.1
4	☐	2500.000	2621.728	1210478.38	30.2055	P	2.0
5	☐	6250.000	6603.428	2984135.60	76.0188	A	1.2
6	☐	12500.000	12860.993	5817298.69	148.0182	A	0.2
7	☐	25000.000	26625.662	11185365.99	306.3941	A	1.7
8	☐	50000.000	51947.092	21786874.56	597.7419	A	2.8
9	☐	250000.00	249419.91	119080035.9	2,869.859	A	1.0

$$y = 0.0115 * x + 0.0399$$

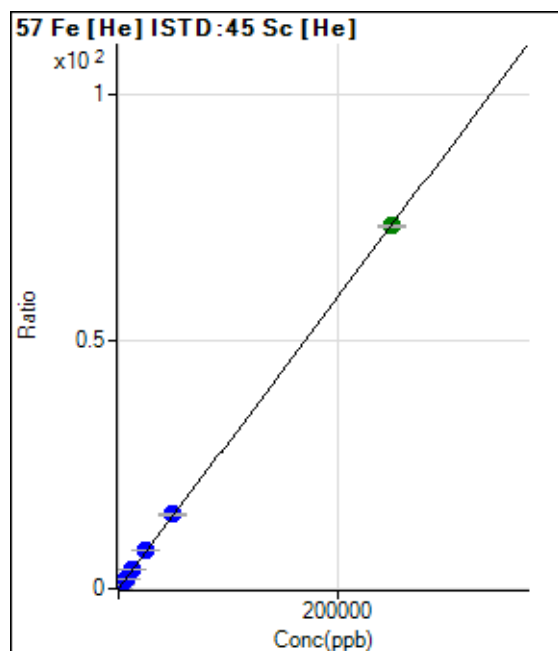
$$R = 1.0000$$

$$DL = 0.9109$$

$$BEC = 3.471$$

Weight: <None>

Min Conc: 0



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	59.26	0.0015	P	29.2
2	☐	5.000					
3	☐	50.000	55.169	696.34	0.0177	P	12.2
4	☐	2500.000	2583.085	30485.69	0.7607	P	1.6
5	☐	6250.000	6496.058	75005.10	1.9108	P	2.4
6	☐	12500.000	12791.890	147812.06	3.7612	P	1.4
7	☐	25000.000	26425.192	283595.46	7.7683	P	1.8
8	☐	50000.000	51276.393	549386.72	15.0724	P	2.6
9	☐	250000.00	249580.62	3043904.93	73.3571	A	0.7

$$y = 2.9392E-004 * x + 0.0015$$

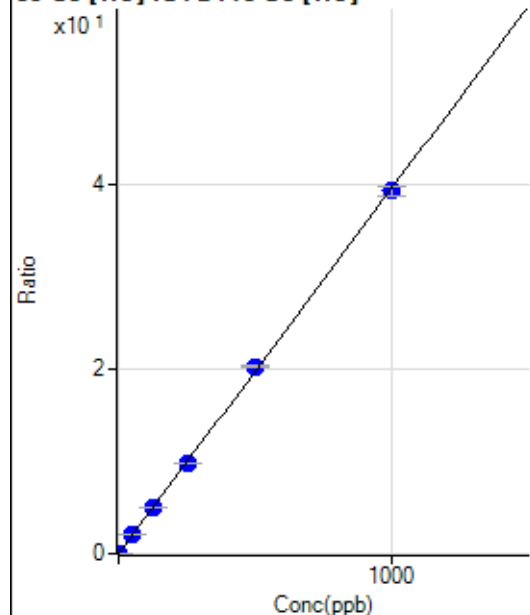
$$R = 1.0000$$

$$DL = 4.417$$

$$BEC = 5.034$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	141.11	0.0035	P	9.6
2	☐	0.100					
3	☐	1.000	1.016	1715.70	0.0436	P	5.2
4	☐	50.000	50.625	80172.29	2.0004	P	1.2
5	☐	125.000	127.076	196906.52	5.0159	P	0.8
6	☐	250.000	249.095	386283.53	9.8289	P	0.3
7	☐	500.000	511.845	737193.24	20.1928	P	1.2
8	☐	1000.000	994.013	1429332.51	39.2115	P	2.4
9	☐			19277.95	0.4646	P	1.0

$$y = 0.0394 * x + 0.0035$$

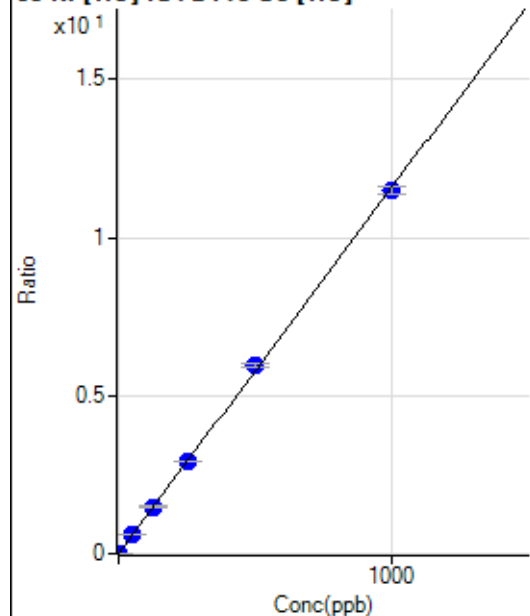
$$R = 0.9999$$

$$DL = 0.02563$$

$$BEC = 0.08918$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	107.78	0.0027	P	13.5
2	☐	0.100					
3	☐	1.000	1.174	641.14	0.0163	P	6.0
4	☐	50.000	51.041	23766.03	0.5931	P	3.1
5	☐	125.000	128.310	58368.45	1.4869	P	0.8
6	☐	250.000	250.685	114067.84	2.9024	P	0.8
7	☐	500.000	515.278	217684.61	5.9629	P	1.8
8	☐	1000.000	991.724	418256.88	11.4740	P	2.2
9	☐			14567.81	0.3511	P	2.3

$$y = 0.0116 * x + 0.0027$$

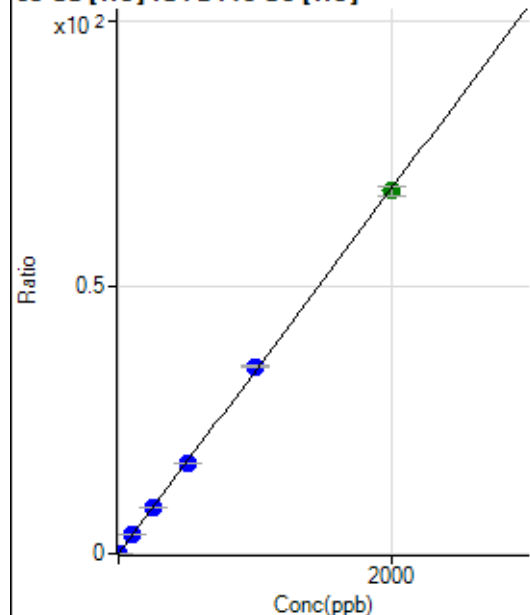
$$R = 0.9998$$

$$DL = 0.0943$$

$$BEC = 0.2326$$

Weight: <None>

Min Conc: 0

⁶³Cu [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	417.79	0.0104	P	9.9
2	☐	0.200					
3	☐	2.000	2.082	3215.99	0.0817	P	0.7
4	☐	100.000	101.373	139464.54	3.4799	P	1.4
5	☐	250.000	254.020	341696.17	8.7042	P	0.8
6	☐	500.000	496.077	667660.51	16.9886	P	0.7
7	☐	1000.000	1026.018	1282320.17	35.1259	P	1.8
8	☐	2000.000	1987.401	2479864.82	68.0292	A	2.4
9	☐			4747.56	0.1144	P	3.4

$$y = 0.0342 * x + 0.0104$$

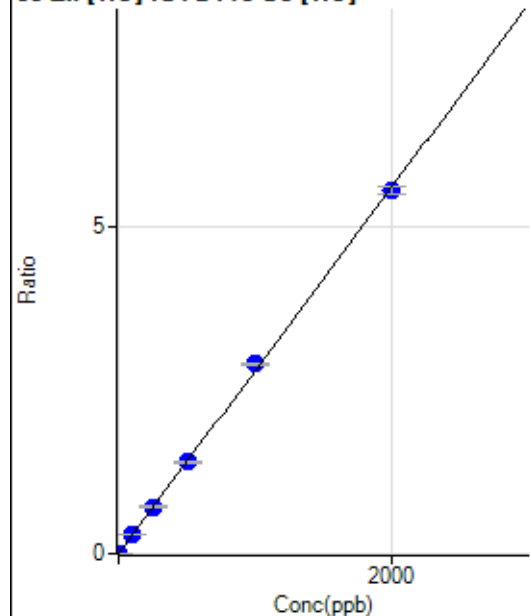
$$R = 0.9999$$

$$DL = 0.09079$$

$$BEC = 0.3043$$

Weight: <None>

Min Conc: 0

⁶⁶Zn [He] ISTD:45 Sc [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	60.00	0.0015	P	21.1
2	☐	0.200					
3	☐	2.000	2.554	340.01	0.0086	P	14.9
4	☐	100.000	102.768	11579.45	0.2890	P	2.5
5	☐	250.000	255.973	28164.32	0.7175	P	1.5
6	☐	500.000	500.336	55058.90	1.4010	P	0.8
7	☐	1000.000	1034.717	105712.18	2.8957	P	1.9
8	☐	2000.000	1981.672	202116.83	5.5444	P	2.0
9	☐			1684.58	0.0406	P	0.1

$$y = 0.0028 * x + 0.0015$$

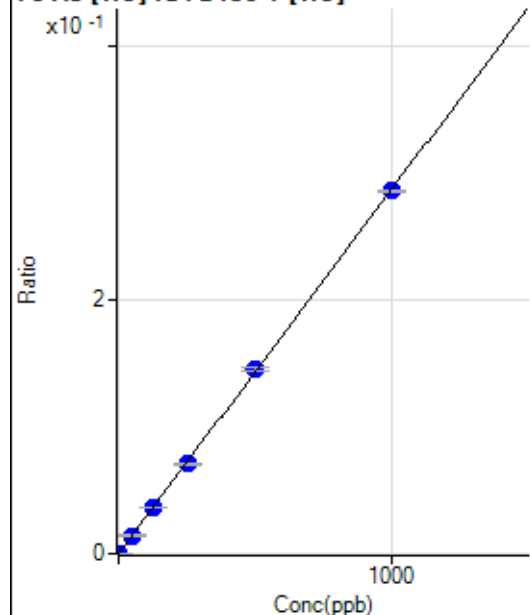
$$R = 0.9998$$

$$DL = 0.3385$$

$$BEC = 0.5359$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	4.94	0.0000	P	44.3
2	☐	0.100					
3	☐	1.000	1.099	88.27	0.0003	P	6.8
4	☐	50.000	49.954	3841.31	0.0144	P	0.9
5	☐	125.000	125.941	9625.65	0.0362	P	1.4
6	☐	250.000	246.672	18561.32	0.0709	P	1.2
7	☐	500.000	508.378	36015.98	0.1460	P	1.7
8	☐	1000.000	996.528	70332.63	0.2862	P	0.7
9	☐			134.57	0.0005	P	14.5

$$y = 2.8717\text{E-}004 * x + 1.8613\text{E-}005$$

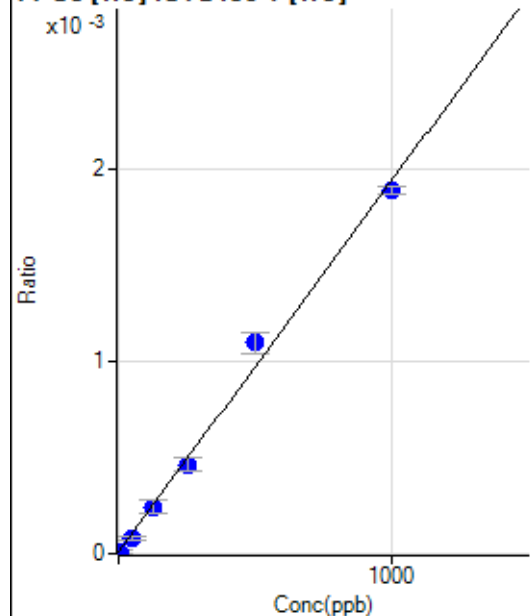
$$R = 0.9999$$

$$DL = 0.08619$$

$$BEC = 0.06481$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	2.22	0.0000	P	173.2
2	☐	0.500					
3	☐	5.000	-4.326	0.00	0.0000	P	
4	☐	50.000	36.637	21.11	0.0001	P	33.3
5	☐	125.000	121.251	64.44	0.0002	P	29.7
6	☐	250.000	235.419	121.12	0.0005	P	16.1
7	☐	500.000	563.245	270.01	0.0011	P	10.4
8	☐	1000.000	973.206	463.35	0.0019	P	2.0
9	☐			0.00	0.0000	P	

$$y = 1.9284\text{E-}006 * x + 8.3429\text{E-}006$$

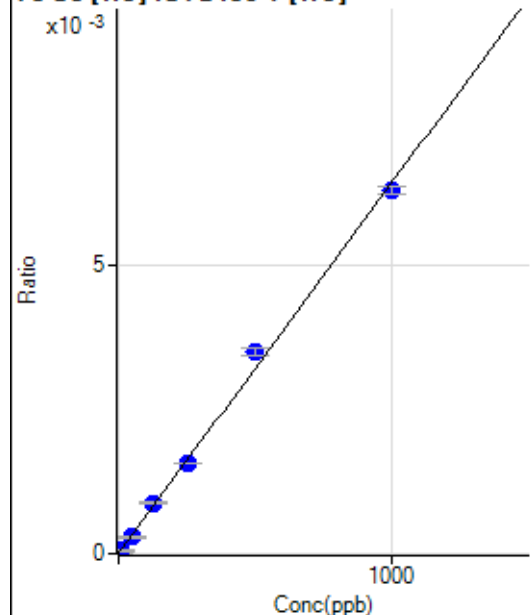
$$R = 0.9968$$

$$DL = 22.48$$

$$BEC = 4.326$$

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	1.23	0.0000	P	86.6
2	☐	0.500					
3	☐	5.000	7.242	13.58	0.0001	P	29.0
4	☐	50.000	44.152	77.16	0.0003	P	19.7
5	☐	125.000	134.764	232.10	0.0009	P	3.7
6	☐	250.000	242.623	410.50	0.0016	P	1.2
7	☐	500.000	543.661	864.85	0.0035	P	3.7
8	☐	1000.000	979.075	1550.72	0.0063	P	2.2
9	☐			2.47	0.0000	P	86.6

$$y = 6.4397\text{E-}006 * x + 4.6164\text{E-}006$$

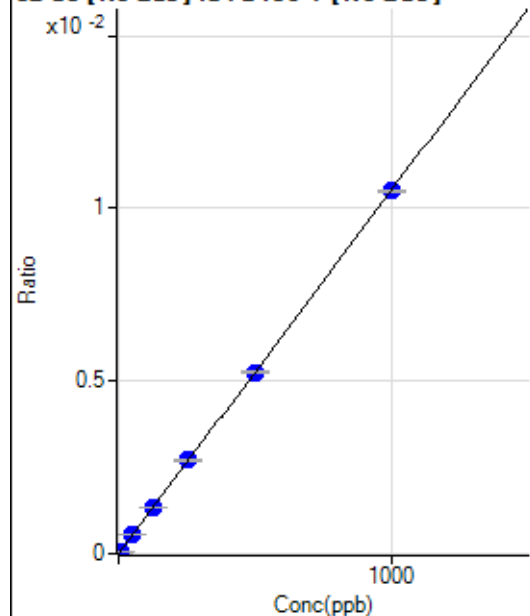
$$R = 0.9985$$

$$DL = 1.862$$

$$BEC = 0.7169$$

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	-17.54	0.0000	P	-151.
2	☐	0.500					
3	☐	5.000	5.627	545.37	0.0001	P	10.2
4	☐	50.000	51.710	5290.41	0.0005	P	3.8
5	☐	125.000	128.271	13063.37	0.0013	P	1.6
6	☐	250.000	257.814	25980.56	0.0027	P	2.7
7	☐	500.000	498.880	50807.97	0.0053	P	0.7
8	☐	1000.000	998.109	97475.62	0.0105	P	0.5
9	☐			75.06	0.0000	P	23.7

$$y = 1.0531\text{E-}005 * x - 1.8350\text{E-}006$$

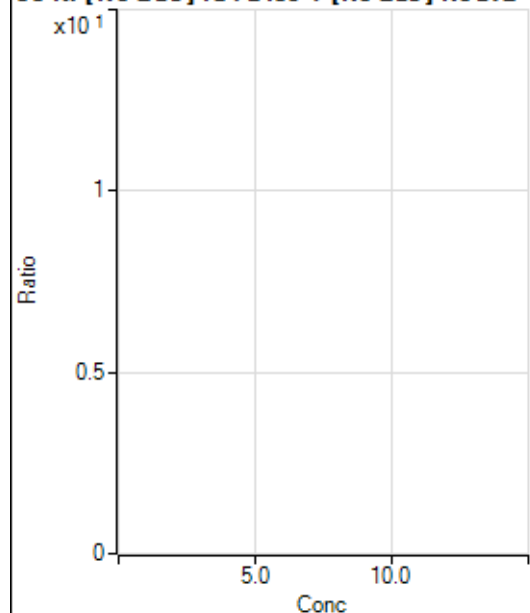
$$R = 1.0000$$

$$DL = 0.7906$$

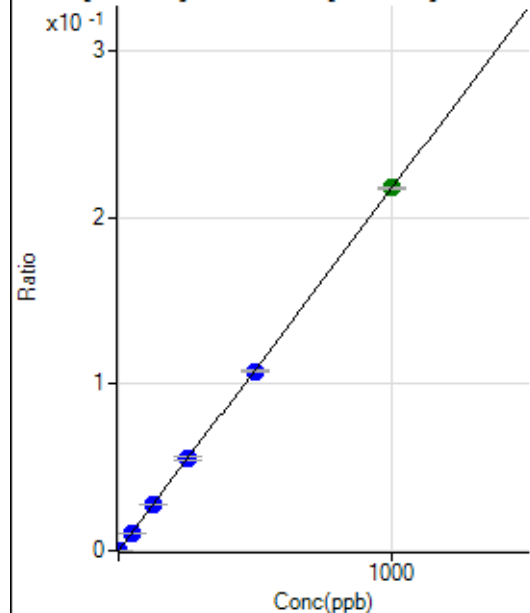
$$BEC = -0.1742$$

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	☐			320.01	0.0000	P	8.8
2	☐						
3	☐			315.56	0.0000	P	14.1
4	☐			303.35	0.0000	P	10.3
5	☐			318.90	0.0000	P	5.5
6	☐			336.68	0.0000	P	9.8
7	☐			330.01	0.0000	P	12.1
8	☐			347.79	0.0000	P	11.7
9	☐			320.01	0.0000	P	5.7

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	0.000	0.000	522.26	0.0001	P	6.7
2	☐	0.100					
3	☐	1.000	1.061	2711.52	0.0003	P	2.6
4	☐	50.000	49.619	105648.64	0.0108	P	0.5
5	☐	125.000	125.976	265633.72	0.0274	P	1.2
6	☐	250.000	253.526	527922.33	0.0551	P	3.8
7	☐	500.000	494.145	1039371.09	0.1074	P	1.0
8	☐	1000.000	1001.943	2020022.40	0.2178	A	0.5
9	☐			9759.47	0.0010	P	5.0

$$y = 2.1731E-004 * x + 5.4649E-005$$

$$R = 1.0000$$

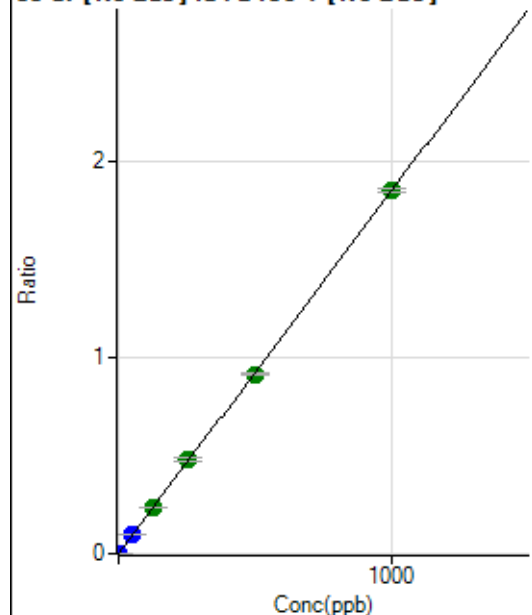
$$DL = 0.05025$$

$$BEC = 0.2515$$

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	230.57	0.0000	P	20.1
2	☐	0.100					
3	☐	1.000	1.054	18772.12	0.0020	P	1.3
4	☐	50.000	50.710	914418.84	0.0938	P	1.1
5	☐	125.000	128.780	2306560.25	0.2382	A	0.4
6	☐	250.000	257.770	4563281.40	0.4767	A	4.2
7	☐	500.000	495.105	8858277.10	0.9157	A	0.3
8	☐	1000.000	999.997	17153049.69	1.8494	A	0.9
9	☐			81647.19	0.0088	P	4.8

$$y = 0.0018 * x + 2.4131E-005$$

$$R = 0.9999$$

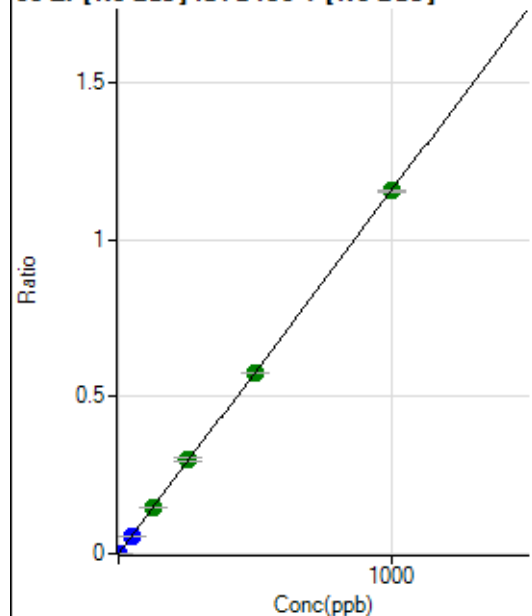
$$DL = 0.007887$$

$$BEC = 0.01305$$

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	894.52	0.0001	P	10.5
2	☐	0.100					
3	☐	1.000	1.040	12322.73	0.0013	P	5.2
4	☐	50.000	49.886	563327.84	0.0578	P	1.1
5	☐	125.000	126.995	1423156.14	0.1470	A	1.2
6	☐	250.000	257.837	2855241.49	0.2983	A	4.0
7	☐	500.000	497.576	5567936.11	0.5755	A	0.2
8	☐	1000.000	999.009	10716488.26	1.1554	A	0.9
9	☐			3119.94	0.0003	P	4.2

$$y = 0.0012 * x + 9.3607E-005$$

$$R = 1.0000$$

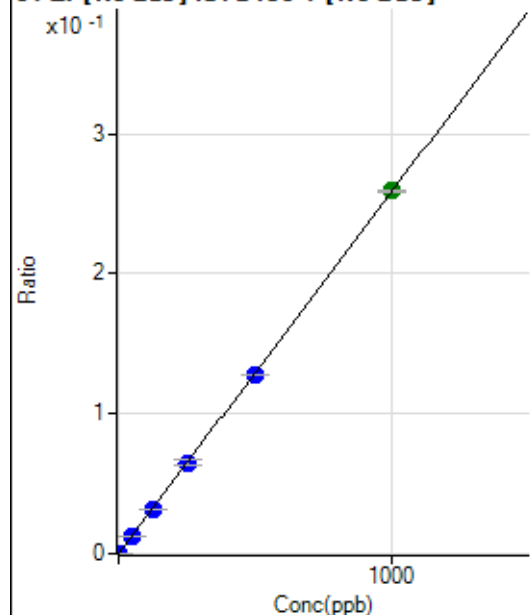
$$DL = 0.02554$$

$$BEC = 0.08094$$

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	180.57	0.0000	P	9.8
2	☐	0.100					
3	☐	1.000	0.972	2567.02	0.0003	P	5.5
4	☐	50.000	49.243	124241.29	0.0127	P	1.3
5	☐	125.000	124.506	311780.70	0.0322	P	0.4
6	☐	250.000	252.404	624481.66	0.0652	P	4.7
7	☐	500.000	492.338	1231131.60	0.1273	P	0.2
8	☐	1000.000	1003.330	2405169.89	0.2593	A	0.5
9	☐			691.72	0.0001	P	7.7

$$y = 2.5844\text{E-}004 * x + 1.8895\text{E-}005$$

$$R = 1.0000$$

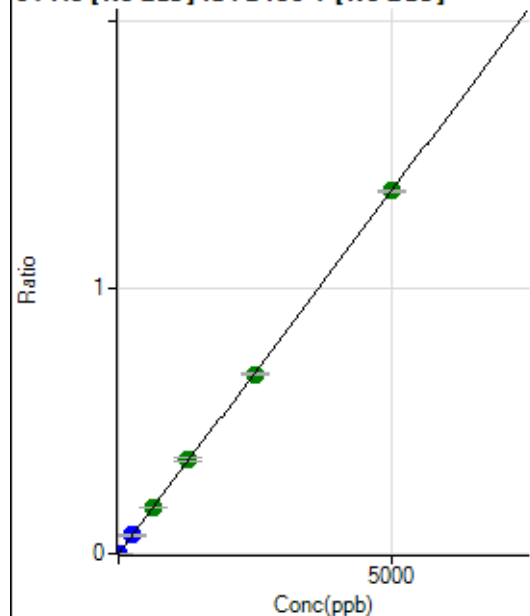
$$DL = 0.02145$$

$$BEC = 0.07311$$

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	352.80	0.0000	P	22.1
2	☐	0.500					
3	☐	5.000	5.282	14046.80	0.0015	P	4.5
4	☐	250.000	252.930	673084.70	0.0690	P	1.1
5	☐	625.000	639.584	1690250.35	0.1745	A	0.8
6	☐	1250.000	1295.116	3382714.74	0.3534	A	4.2
7	☐	2500.000	2474.228	6531222.06	0.6751	A	0.5
8	☐	5000.000	4999.637	12652647.77	1.3642	A	0.5
9	☐			18301.89	0.0020	P	2.4

$$y = 2.7284\text{E-}004 * x + 3.6920\text{E-}005$$

$$R = 0.9999$$

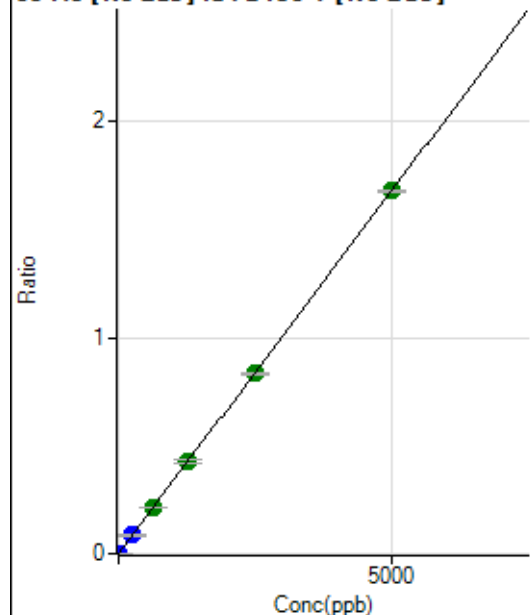
$$DL = 0.08964$$

$$BEC = 0.1353$$

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	280.58	0.0000	P	14.9
2	☐	0.500					
3	☐	5.000	5.136	16663.72	0.0018	P	4.3
4	☐	250.000	251.812	824306.41	0.0846	P	0.8
5	☐	625.000	639.139	2077966.91	0.2146	A	0.7
6	☐	1250.000	1277.618	4106077.04	0.4289	A	3.6
7	☐	2500.000	2480.910	8057101.31	0.8328	A	0.6
8	☐	5000.000	5000.782	15570251.39	1.6787	A	0.8
9	☐			30243.04	0.0032	P	3.3

$$y = 3.3569\text{E-}004 * x + 2.9366\text{E-}005$$

$$R = 1.0000$$

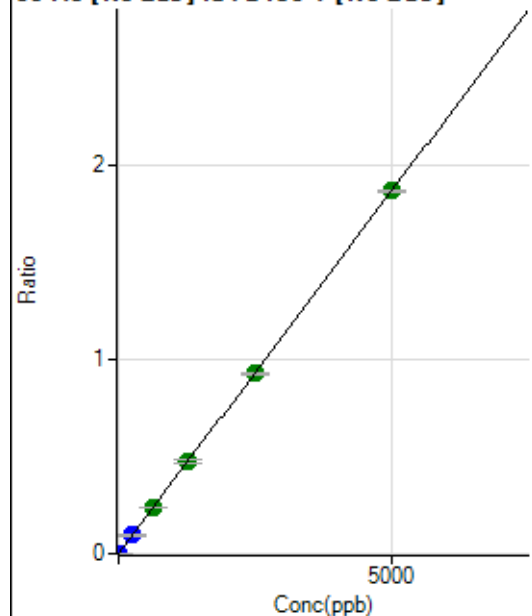
$$DL = 0.03922$$

$$BEC = 0.08748$$

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	413.92	0.0000	P	12.1
2	☐	0.500					
3	☐	5.000	5.162	18721.92	0.0020	P	0.8
4	☐	250.000	251.881	916522.16	0.0940	P	0.9
5	☐	625.000	634.095	2291432.08	0.2366	A	0.6
6	☐	1250.000	1271.502	4541230.05	0.4744	A	4.2
7	☐	2500.000	2479.672	8950818.08	0.9252	A	0.2
8	☐	5000.000	5003.557	17315208.89	1.8669	A	0.5
9	☐			33687.39	0.0036	P	1.8

$$y = 3.7310\text{E-}004 * x + 4.3306\text{E-}005$$

$$R = 1.0000$$

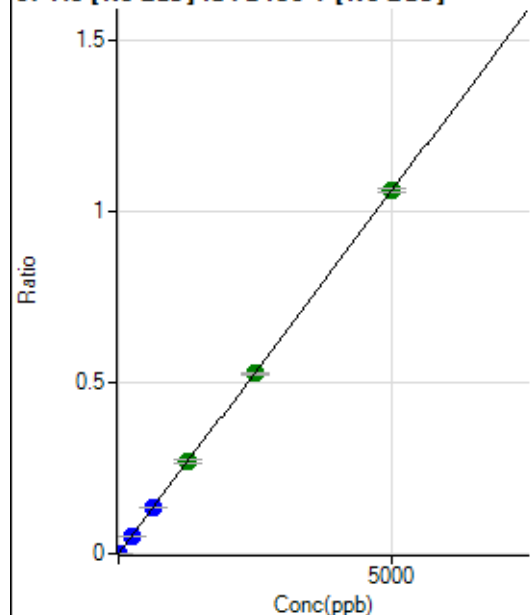
$$DL = 0.04219$$

$$BEC = 0.1161$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	163.90	0.0000	P	10.3
2	☐	0.500					
3	☐	5.000	5.158	10546.27	0.0011	P	1.8
4	☐	250.000	249.416	514997.87	0.0528	P	1.3
5	☐	625.000	626.394	1284601.30	0.1327	P	0.3
6	☐	1250.000	1280.825	2596624.47	0.2712	A	3.4
7	☐	2500.000	2482.874	5086230.15	0.5258	A	0.6
8	☐	5000.000	5000.712	9821120.27	1.0589	A	1.2
9	☐			18980.70	0.0020	P	2.0

$$y = 2.1175\text{E-}004 * x + 1.7145\text{E-}005$$

$$R = 1.0000$$

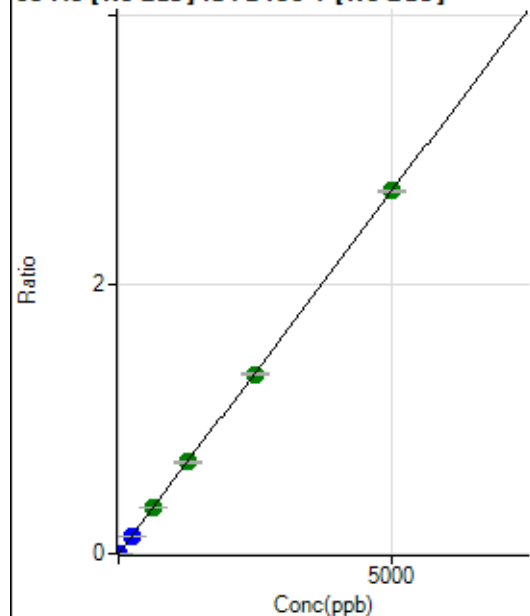
$$DL = 0.02493$$

$$BEC = 0.08097$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	352.80	0.0000	P	9.7
2	☐	0.500					
3	☐	5.000	5.127	26593.76	0.0028	P	4.7
4	☐	250.000	250.614	1316326.62	0.1350	P	1.0
5	☐	625.000	630.842	3291060.40	0.3398	A	0.1
6	☐	1250.000	1260.587	6500977.06	0.6791	A	3.7
7	☐	2500.000	2479.448	12921422.60	1.3356	A	0.2
8	☐	5000.000	5006.868	25015179.90	2.6971	A	0.7
9	☐			47353.14	0.0051	P	2.5

$$y = 5.3866\text{E-}004 * x + 3.6915\text{E-}005$$

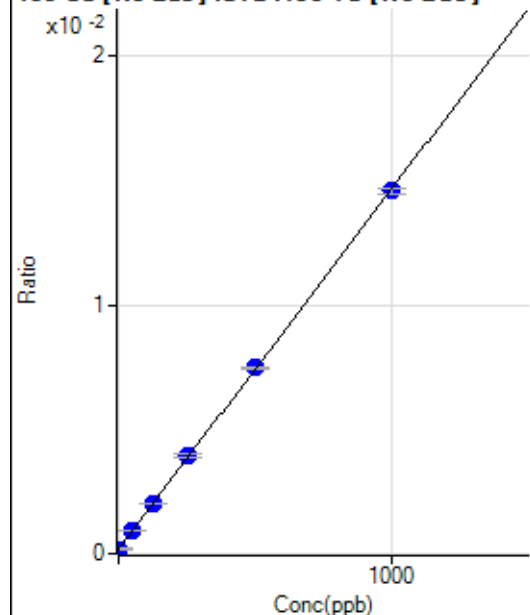
$$R = 1.0000$$

$$DL = 0.01985$$

$$BEC = 0.06853$$

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	1964.13	0.0002	P	6.1
2	☐	0.100					
3	☐	1.000	1.299	2153.07	0.0002	P	3.5
4	☐	50.000	51.691	10757.63	0.0009	P	1.1
5	☐	125.000	128.787	23841.37	0.0020	P	0.8
6	☐	250.000	260.563	45951.40	0.0039	P	5.5
7	☐	500.000	504.433	89334.27	0.0075	P	0.7
8	☐	1000.000	994.584	168357.03	0.0146	P	1.8
9	☐			2030.83	0.0002	P	13.8

$$y = 1.4495E-005 * x + 1.7149E-004$$

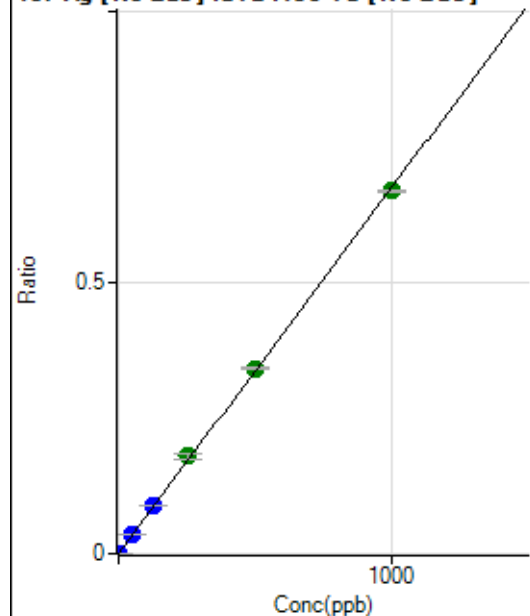
$$R = 0.9999$$

$$DL = 2.164$$

$$BEC = 11.83$$

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	97.23	0.0000	P	57.1
2	☐	0.100					
3	☐	1.000	1.130	8703.20	0.0008	P	3.0
4	☐	50.000	53.481	420937.36	0.0360	P	1.1
5	☐	125.000	131.949	1039623.93	0.0889	P	0.7
6	☐	250.000	265.943	2085009.81	0.1791	A	4.8
7	☐	500.000	506.640	4073050.05	0.3413	A	1.7
8	☐	1000.000	991.652	7708711.46	0.6679	A	0.6
9	☐			1044.54	0.0001	P	9.1

$$y = 6.7355E-004 * x + 8.4882E-006$$

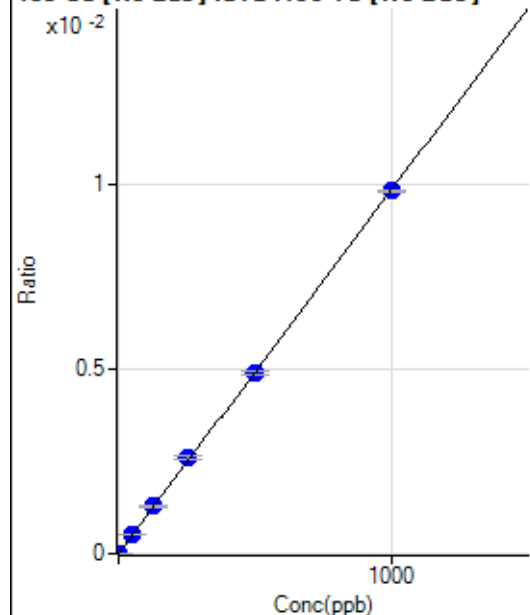
$$R = 0.9998$$

$$DL = 0.02159$$

$$BEC = 0.0126$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	8.33	0.0000	P	0.6
2	☐	0.100					
3	☐	1.000	0.986	118.06	0.0000	P	1.8
4	☐	50.000	53.733	6187.68	0.0005	P	2.8
5	☐	125.000	130.253	15005.81	0.0013	P	2.6
6	☐	250.000	264.501	30316.30	0.0026	P	4.0
7	☐	500.000	496.341	58313.19	0.0049	P	2.3
8	☐	1000.000	997.361	113302.60	0.0098	P	0.7
9	☐			51.39	0.0000	P	23.3

$$y = 9.8427\text{E-}006 * x + 7.2731\text{E-}007$$

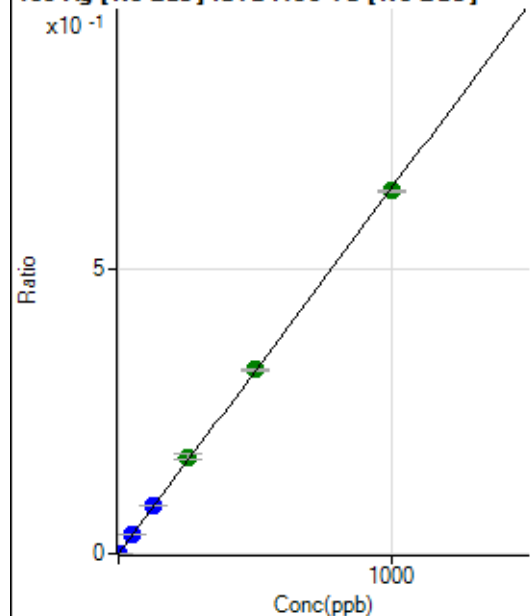
$$R = 0.9999$$

$$DL = 0.001334$$

$$BEC = 0.07389$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	52.78	0.0000	P	39.2
2	☐	0.100					
3	☐	1.000	1.084	7941.60	0.0007	P	5.8
4	☐	50.000	52.800	397088.77	0.0340	P	0.8
5	☐	125.000	131.556	990447.52	0.0847	P	1.2
6	☐	250.000	265.762	1991240.43	0.1711	A	4.4
7	☐	500.000	504.299	3874230.94	0.3246	A	1.4
8	☐	1000.000	992.950	7376071.26	0.6391	A	0.7
9	☐			1052.94	0.0001	P	26.4

$$y = 6.4365\text{E-}004 * x + 4.6007\text{E-}006$$

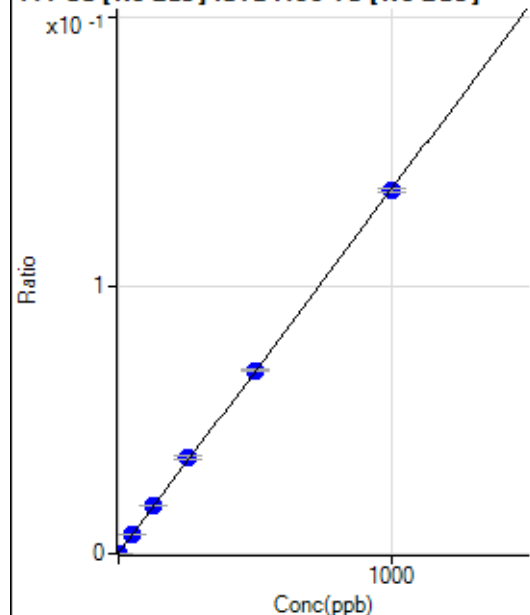
$$R = 0.9998$$

$$DL = 0.008396$$

$$BEC = 0.007148$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1402.39	0.0001	P	6.8
2	☐	0.100					
3	☐	1.000	1.070	3030.19	0.0003	P	5.9
4	☐	50.000	52.526	84878.33	0.0073	P	0.6
5	☐	125.000	130.592	209145.81	0.0179	P	1.0
6	☐	250.000	261.613	415543.35	0.0357	P	4.4
7	☐	500.000	501.685	815748.94	0.0683	P	1.2
8	☐	1000.000	995.429	1563635.71	0.1355	P	0.9
9	☐			1799.52	0.0002	P	9.0

$$y = 1.3599\text{E-}004 * x + 1.2244\text{E-}004$$

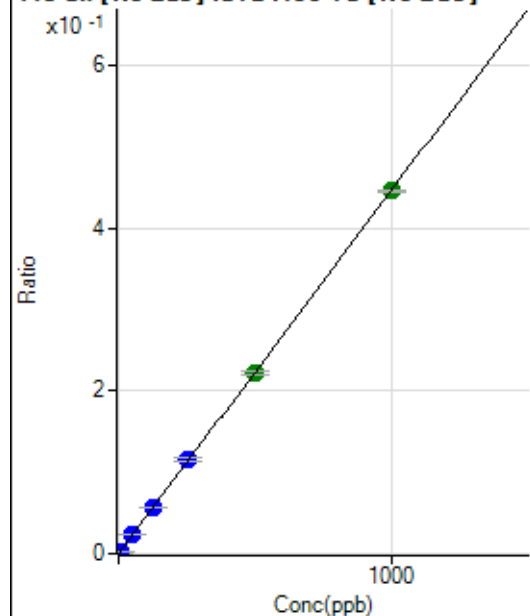
$$R = 0.9999$$

$$DL = 0.1836$$

$$BEC = 0.9004$$

Weight: <None>

Min Conc: 0

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

	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	1455.70	0.0001	P	3.1
2	☐	0.500					
3	☐	5.000	5.211	27768.62	0.0025	P	2.1
4	☐	50.000	51.137	268301.10	0.0230	P	0.9
5	☐	125.000	127.255	666227.30	0.0570	P	1.1
6	☐	250.000	257.663	1341140.12	0.1152	P	4.0
7	☐	500.000	498.954	2661143.59	0.2230	A	1.8
8	☐	1000.000	998.267	5146865.70	0.4460	A	0.8
9	☐			14286.03	0.0013	P	3.4

$$y = 4.4661\text{E-}004 * x + 1.2708\text{E-}004$$

$$R = 1.0000$$

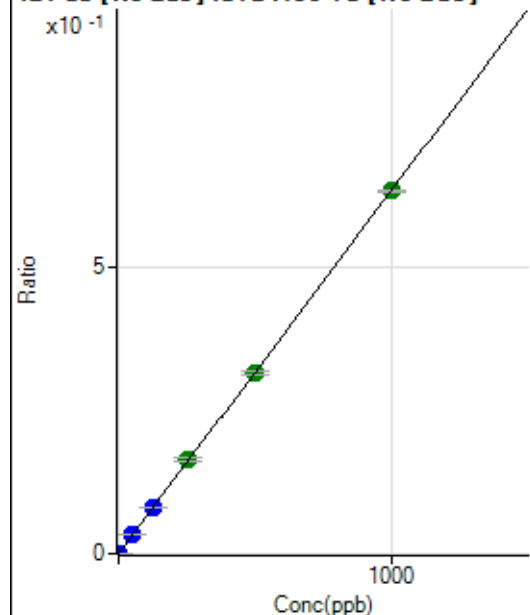
$$DL = 0.02675$$

$$BEC = 0.2845$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	236.12	0.0000	P	22.0
2	☐	0.200					
3	☐	2.000	2.042	14917.23	0.0013	P	3.0
4	☐	50.000	50.769	377205.52	0.0323	P	1.0
5	☐	125.000	128.213	953397.27	0.0815	P	0.2
6	☐	250.000	257.751	1907370.03	0.1638	A	3.9
7	☐	500.000	497.800	3776454.81	0.3164	A	1.4
8	☐	1000.000	998.722	7325846.86	0.6348	A	0.8
9	☐			20366.30	0.0018	P	2.6

$$y = 6.3556\text{E-}004 * x + 2.0601\text{E-}005$$

$$R = 1.0000$$

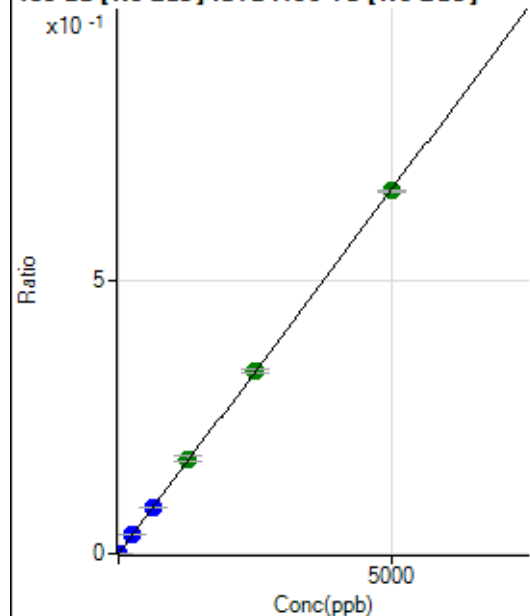
$$DL = 0.02141$$

$$BEC = 0.03241$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	100.01	0.0000	P	36.7
2	☐	1.000					
3	☐	10.000	10.698	16238.43	0.0014	P	2.1
4	☐	250.000	257.229	400728.51	0.0343	P	0.7
5	☐	625.000	640.106	998175.85	0.0853	P	1.4
6	☐	1250.000	1305.933	2026746.49	0.1741	A	4.2
7	☐	2500.000	2503.702	3983692.23	0.3338	A	2.1
8	☐	5000.000	4981.915	7665017.01	0.6642	A	0.8
9	☐			1469.61	0.0001	P	12.8

$$y = 1.3331\text{E-}004 * x + 8.7439\text{E-}006$$

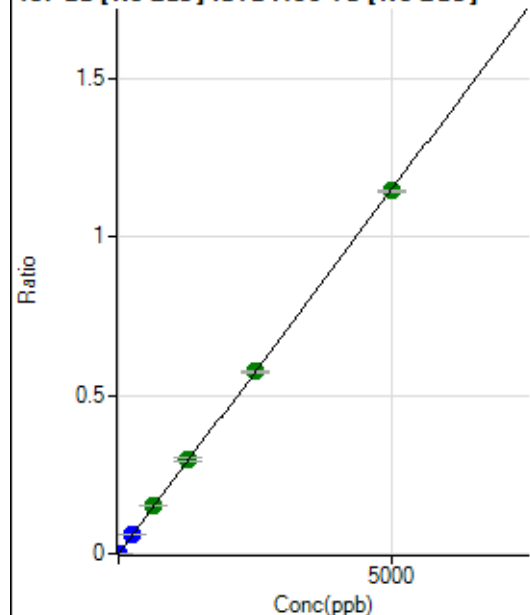
$$R = 0.9999$$

$$DL = 0.07231$$

$$BEC = 0.06559$$

Weight: <None>

Min Conc: 0

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

	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	136.12	0.0000	P	34.2
2	☐	1.000					
3	☐	10.000	10.809	28197.89	0.0025	P	4.4
4	☐	250.000	258.884	694412.27	0.0594	P	0.9
5	☐	625.000	652.770	1752698.04	0.1499	A	1.7
6	☐	1250.000	1304.564	3486144.65	0.2995	A	4.3
7	☐	2500.000	2496.887	6840978.45	0.5732	A	1.7
8	☐	5000.000	4983.998	13204251.25	1.1441	A	0.7
9	☐			2497.59	0.0002	P	5.2

$$y = 2.2955E-004 * x + 1.1900E-005$$

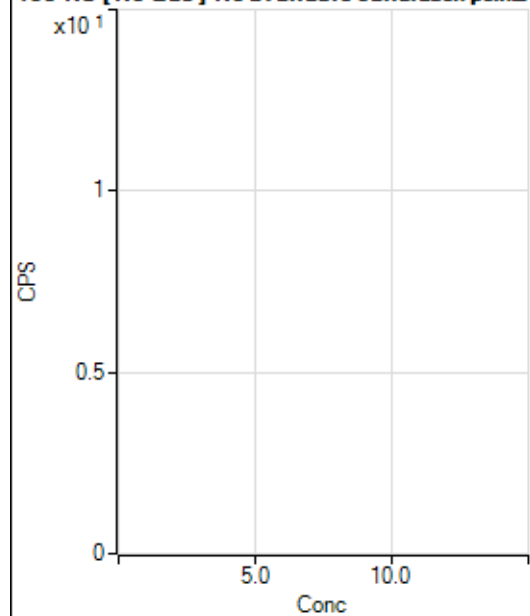
$$R = 0.9999$$

$$DL = 0.05311$$

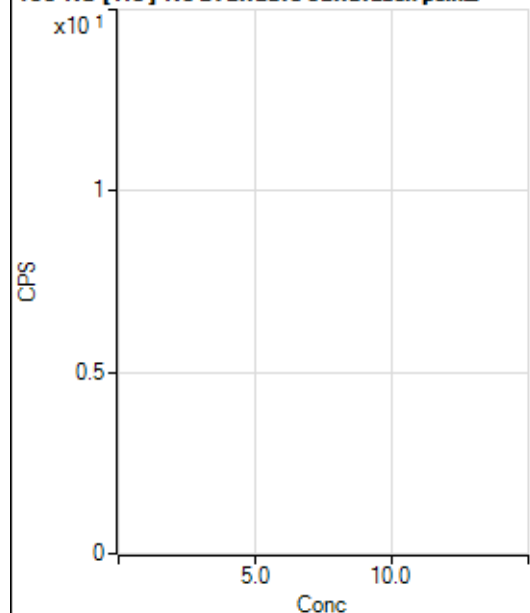
$$BEC = 0.05184$$

Weight: <None>

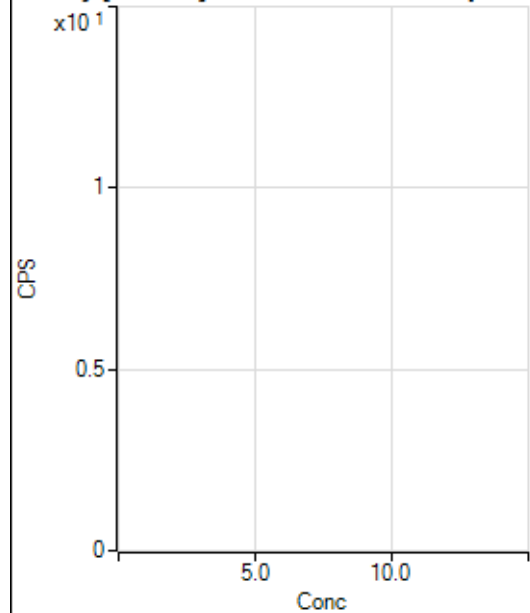
Min Conc: 0

150 Nd [No Gas] No available calibration points

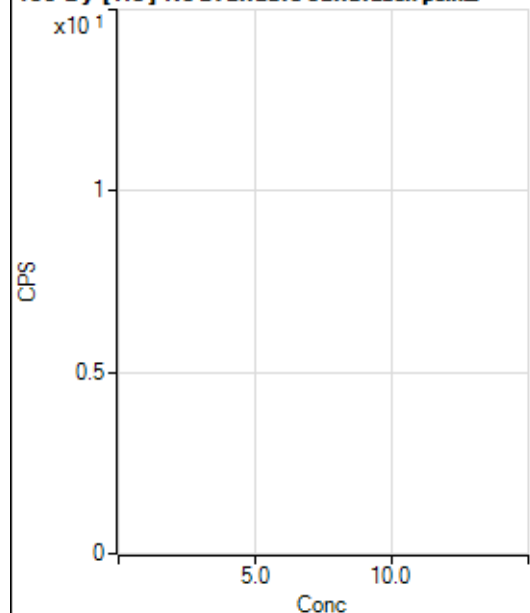
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐			13.33		P	86.6
2	☐						
3	☐			13.33		P	50.0
4	☐			15.55		P	24.8
5	☐			40.00		P	60.1
6	☐			124.45		P	21.7
7	☐			182.23		P	17.3
8	☐			244.46		P	18.2
9	☐			91.11		P	52.9

150 Nd [He] No available calibration points

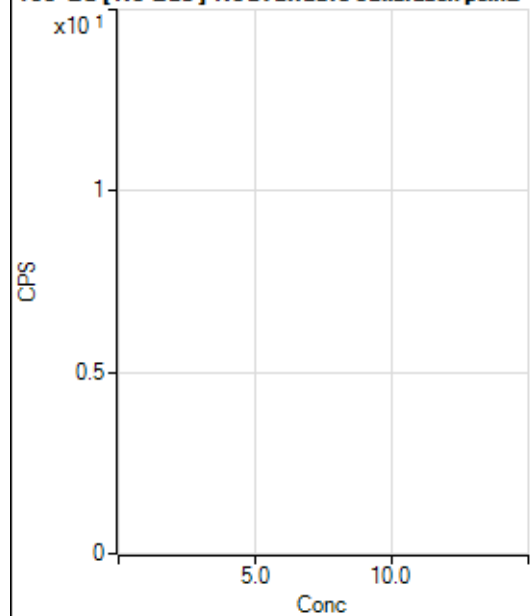
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			0.00		P	
2	☐						
3	☐			0.00		P	
4	☐			0.00		P	
5	☐			1.11		P	173.2
6	☐			2.22		P	86.6
7	☐			1.11		P	173.2
8	☐			3.33		P	0.0
9	☐			4.45		P	86.6

156 Dy [No Gas] No available calibration points

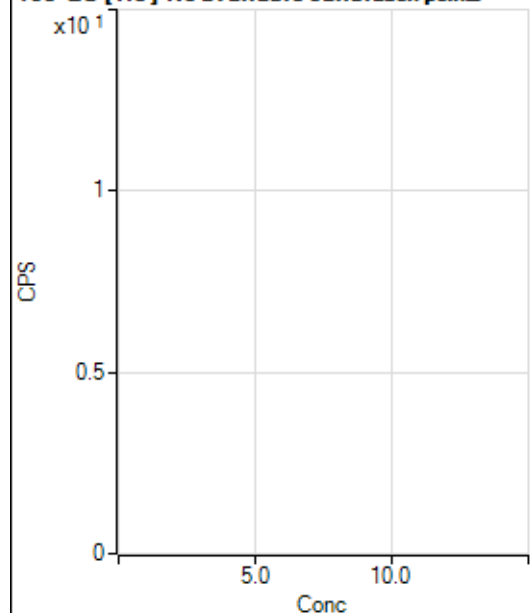
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			30.56		P	41.7
2	☐						
3	☐			44.45		P	28.7
4	☐			19.44		P	99.0
5	☐			41.67		P	20.0
6	☐			47.22		P	27.0
7	☐			86.12		P	27.9
8	☐			141.68		P	27.0
9	☐			138.89		P	27.1

156 Dy [He] No available calibration points

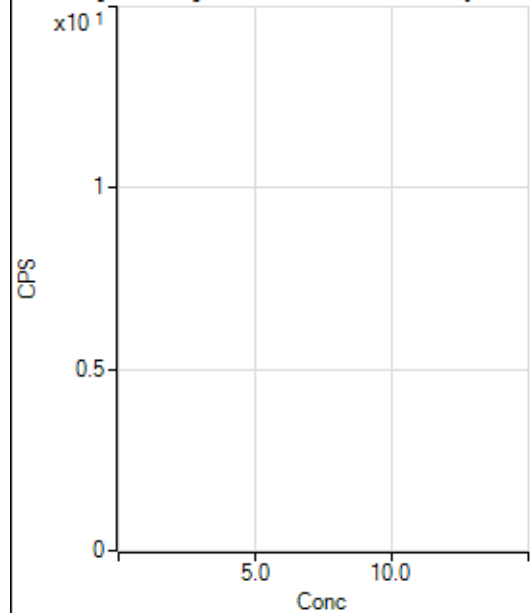
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			3.33		P	100.1
2	☐						
3	☐			0.00		P	
4	☐			3.33		P	100.1
5	☐			3.33		P	0.0
6	☐			1.11		P	173.2
7	☐			5.55		P	69.3
8	☐			3.33		P	100.1
9	☐			10.00		P	33.3

160 Gd [No Gas] Noavailable calibration poin_

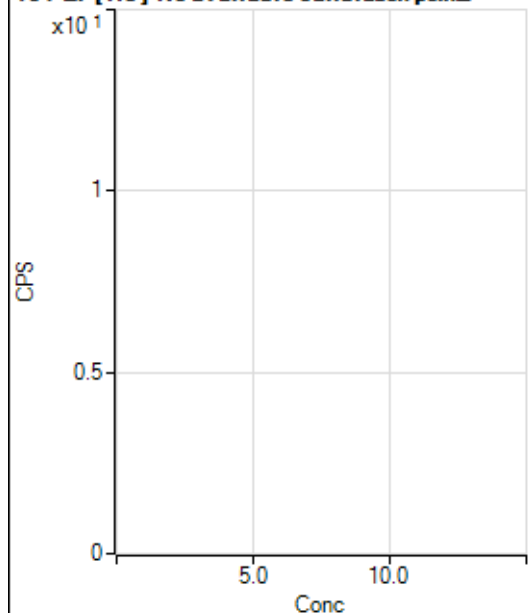
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			58.34		P	0.0
2	☐						
3	☐			58.34		P	0.0
4	☐			105.56		P	37.3
5	☐			72.22		P	29.0
6	☐			75.01		P	29.4
7	☐			80.56		P	15.8
8	☐			100.00		P	22.0
9	☐			100.01		P	36.3

160 Gd [He] No available calibration points

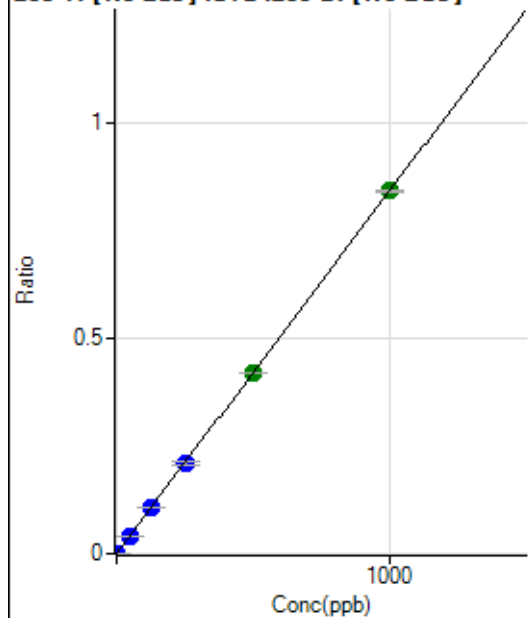
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			6.67		P	0.0
4	☐			6.67		P	50.0
5	☐			8.89		P	57.3
6	☐			7.78		P	24.7
7	☐			15.56		P	32.7
8	☐			12.22		P	56.8
9	☐			15.56		P	53.9

164 Er [No Gas] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐			33.33		P	50.0
2	☐						
3	☐			69.45		P	6.9
4	☐			52.78		P	50.8
5	☐			25.00		P	0.0
6	☐			33.33		P	43.3
7	☐			44.45		P	57.3
8	☐			30.56		P	56.8
9	☐			44.44		P	21.7

164 Er [He] No available calibration points

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐			5.55		P	124.9
2	☐						
3	☐			7.78		P	99.0
4	☐			12.22		P	31.5
5	☐			7.78		P	65.5
6	☐			10.00		P	66.7
7	☐			11.11		P	17.3
8	☐			7.78		P	107.8
9	☐			4.45		P	86.6

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

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det	RSD
1	☐	0.000	0.000	447.25	0.0001	P	14.4
2	☐	0.100					
3	☐	1.000	1.050	6638.19	0.0009	P	2.4
4	☐	50.000	49.740	300819.09	0.0420	P	1.2
5	☐	125.000	125.222	756022.19	0.1056	P	0.7
6	☐	250.000	250.133	1517250.05	0.2109	P	4.2
7	☐	500.000	498.856	3066059.20	0.4206	A	0.5
8	☐	1000.000	1000.524	5881759.12	0.8435	A	0.8
9	☐			3670.14	0.0006	P	7.0

$$y = 8.4296E-004 * x + 6.2951E-005$$

$$R = 1.0000$$

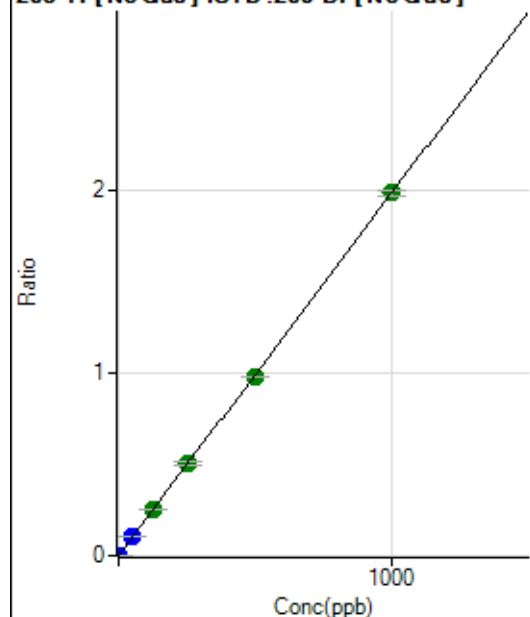
$$DL = 0.03231$$

$$BEC = 0.07468$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	955.64	0.0001	P	4.8
2	☐	0.100					
3	☐	1.000	1.061	15665.95	0.0022	P	2.6
4	☐	50.000	50.684	720744.96	0.1006	P	1.0
5	☐	125.000	128.402	1822932.81	0.2547	A	0.8
6	☐	250.000	253.258	3612379.29	0.5022	A	4.3
7	☐	500.000	495.077	7155644.34	0.9816	A	0.4
8	☐	1000.000	1001.188	13840735.90	1.9849	A	1.3
9	☐			8528.31	0.0013	P	5.3

$$y = 0.0020 * x + 1.3459E-004$$

$$R = 1.0000$$

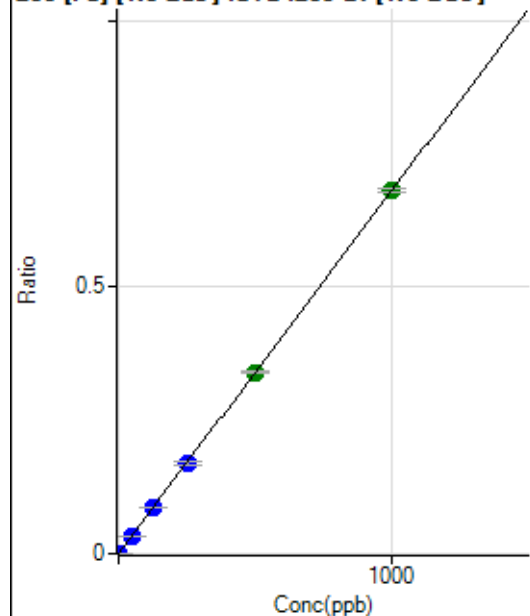
$$DL = 0.009795$$

$$BEC = 0.0679$$

Weight: <None>

Min Conc: 0

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



	R _j ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	587.07	0.0001	P	11.1
2	☐	0.100					
3	☐	1.000	1.011	5395.76	0.0008	P	3.7
4	☐	50.000	49.557	242270.26	0.0338	P	1.0
5	☐	125.000	124.627	607886.46	0.0849	P	0.2
6	☐	250.000	249.973	1224717.68	0.1703	P	4.2
7	☐	500.000	499.799	2480976.10	0.3403	A	0.9
8	☐	1000.000	1000.176	4748443.51	0.6809	A	1.0
9	☐			26899.35	0.0042	P	6.1

$$y = 6.8075E-004 * x + 8.2676E-005$$

$$R = 1.0000$$

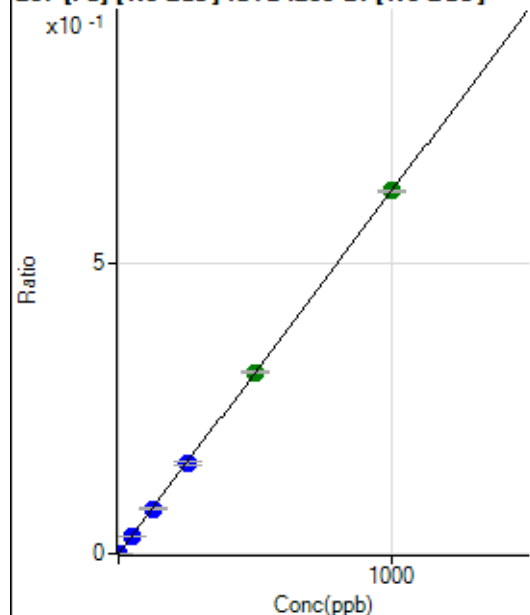
$$DL = 0.04053$$

$$BEC = 0.1214$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	574.11	0.0001	P	2.0
2	☐	0.100					
3	☐	1.000	1.049	5136.37	0.0007	P	3.6
4	☐	50.000	49.053	219354.80	0.0306	P	0.9
5	☐	125.000	123.683	551738.57	0.0771	P	1.5
6	☐	250.000	247.787	1110368.91	0.1543	P	3.9
7	☐	500.000	500.601	2272568.71	0.3117	A	0.4
8	☐	1000.000	1000.465	4344089.74	0.6229	A	0.3
9	☐			22609.59	0.0035	P	6.0

$$y = 6.2257\text{E-}004 * x + 8.0862\text{E-}005$$

$$R = 1.0000$$

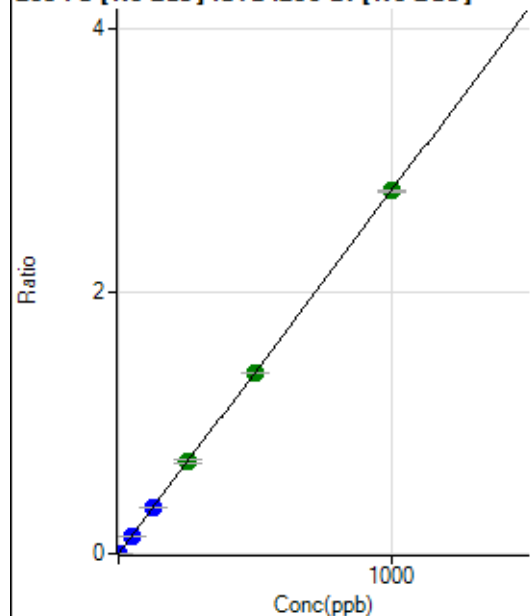
$$DL = 0.00778$$

$$BEC = 0.1299$$

Weight: <None>

Min Conc: 0

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



	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	0.000	0.000	2531.67	0.0004	P	2.6
2	☐	0.100					
3	☐	1.000	1.035	22549.28	0.0032	P	1.5
4	☐	50.000	49.933	992217.51	0.1385	P	0.7
5	☐	125.000	125.502	2487950.60	0.3476	P	0.6
6	☐	250.000	253.567	5048767.82	0.7019	A	4.4
7	☐	500.000	499.837	10083741.23	1.3832	A	0.1
8	☐	1000.000	999.131	19278746.90	2.7646	A	0.3
9	☐			105328.14	0.0163	P	5.5

$$y = 0.0028 * x + 3.5656\text{E-}004$$

$$R = 1.0000$$

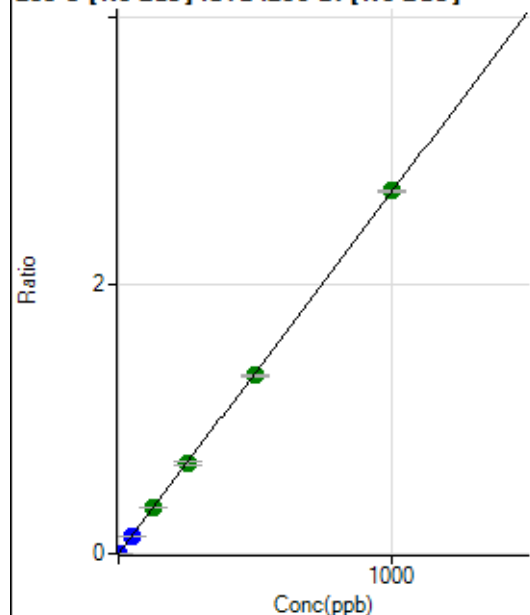
$$DL = 0.01015$$

$$BEC = 0.1289$$

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	677.83	0.0001	P	6.0
2	☐	0.100					
3	☐	1.000	0.979	19134.94	0.0027	P	3.0
4	☐	50.000	48.801	942857.63	0.1316	P	1.0
5	☐	125.000	125.723	2426012.16	0.3389	A	0.3
6	☐	250.000	251.362	4874066.65	0.6775	A	3.9
7	☐	500.000	492.254	9671537.02	1.3267	A	0.9
8	☐	1000.000	1003.502	18859370.91	2.7045	A	0.7
9	☐			1791.89	0.0003	P	7.6

$$y = 0.0027 * x + 9.5470E-005$$

$$R = 1.0000$$

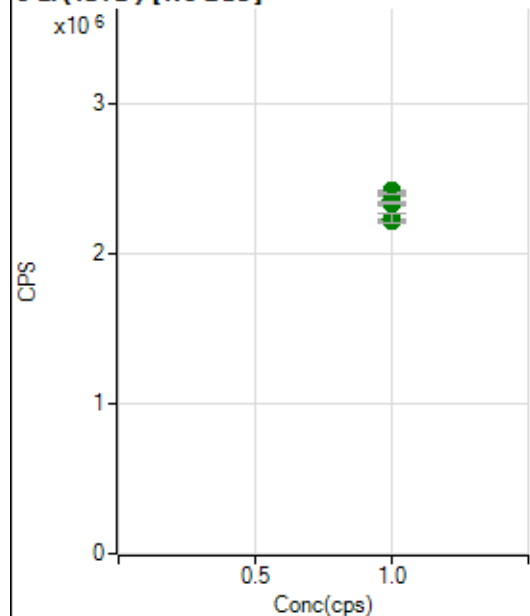
$$DL = 0.006419$$

$$BEC = 0.03543$$

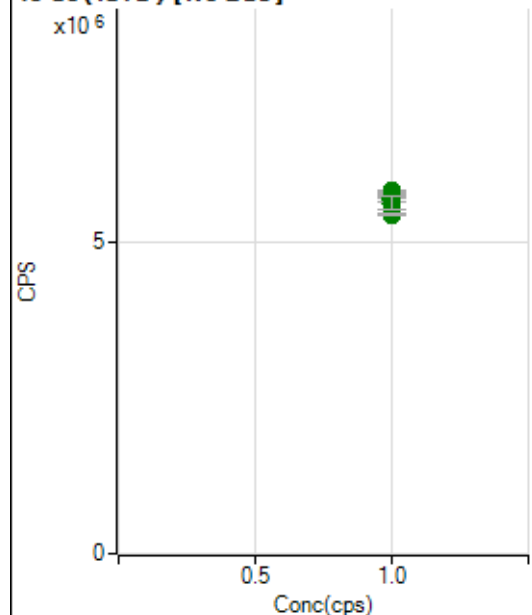
Weight: <None>

Min Conc: 0

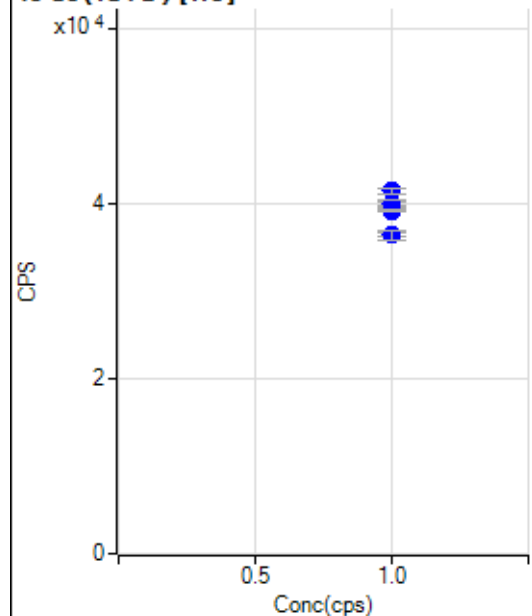
6 Li (ISTD) [No Gas]



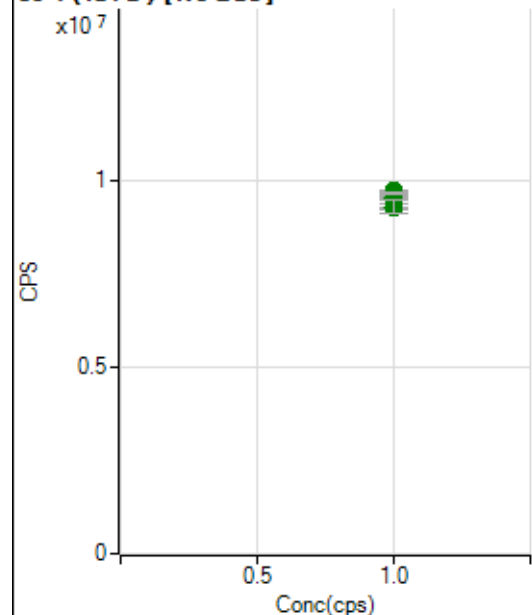
	R _{ct}	Conc.	Calc Conc.	CPS	Ratio	Det.	RSD
1	☐	1.000		2403191.44		A	1.7
2	☐	1.000					
3	☐	1.000		2366333.18		A	2.5
4	☐	1.000		2420272.71		A	0.8
5	☐	1.000		2405493.20		A	0.6
6	☐	1.000		2358516.46		A	3.6
7	☐	1.000		2338285.57		A	0.4
8	☐	1.000		2223596.61		A	0.4
9	☐	1.000		2238306.24		A	3.1

45 Sc (ISTD) [No Gas]

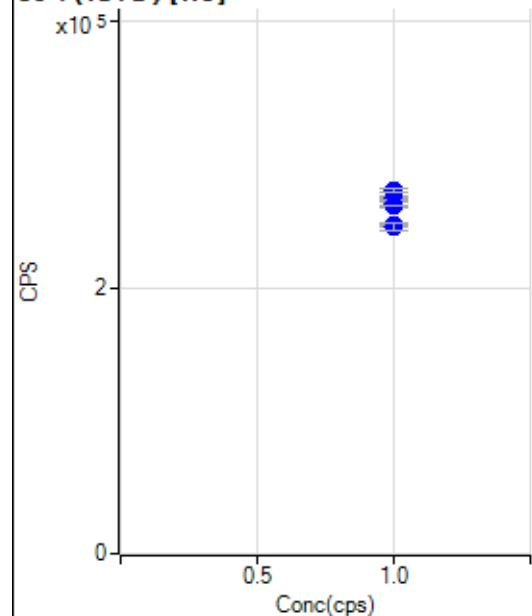
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		5718622.70		A	0.3
2	☐	1.000					
3	☐	1.000		5683645.13		A	1.6
4	☐	1.000		5812055.82		A	0.8
5	☐	1.000		5769745.83		A	0.4
6	☐	1.000		5713522.18		A	2.6
7	☐	1.000		5715499.48		A	0.0
8	☐	1.000		5431584.06		A	0.5
9	☐	1.000		5621119.92		A	3.7

45 Sc (ISTD) [He]

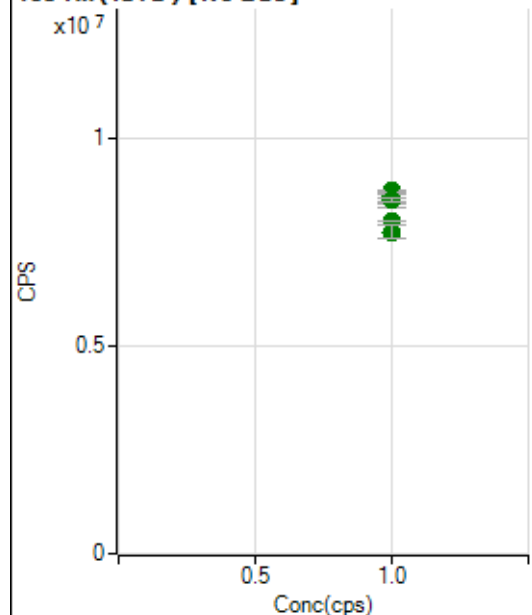
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		40090.56		P	1.3
2	☐	1.000					
3	☐	1.000		39382.05		P	1.5
4	☐	1.000		40082.93		P	1.5
5	☐	1.000		39258.22		P	1.0
6	☐	1.000		39301.64		P	0.9
7	☐	1.000		36510.95		P	1.1
8	☐	1.000		36467.42		P	2.8
9	☐	1.000		41496.87		P	1.6

89 Y (ISTD) [No Gas]

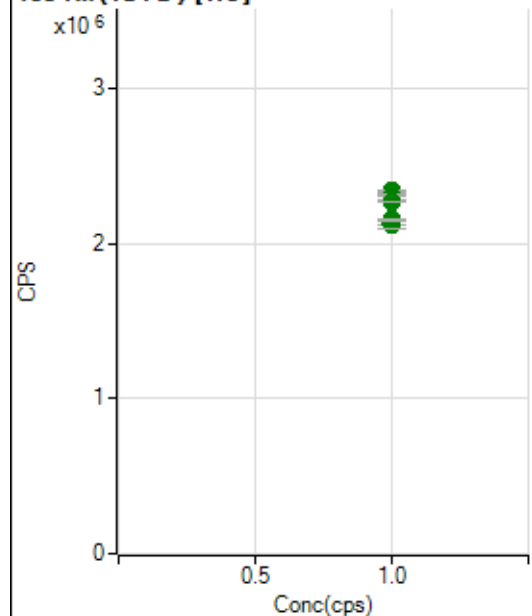
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9557598.26		A	0.3
2	☐	1.000					
3	☐	1.000		9508625.14		A	2.2
4	☐	1.000		9748618.47		A	0.7
5	☐	1.000		9683917.98		A	0.2
6	☐	1.000		9581819.30		A	3.7
7	☐	1.000		9674405.76		A	0.7
8	☐	1.000		9275182.57		A	0.5
9	☐	1.000		9321489.17		A	3.7

89 Y (ISTD) [He]

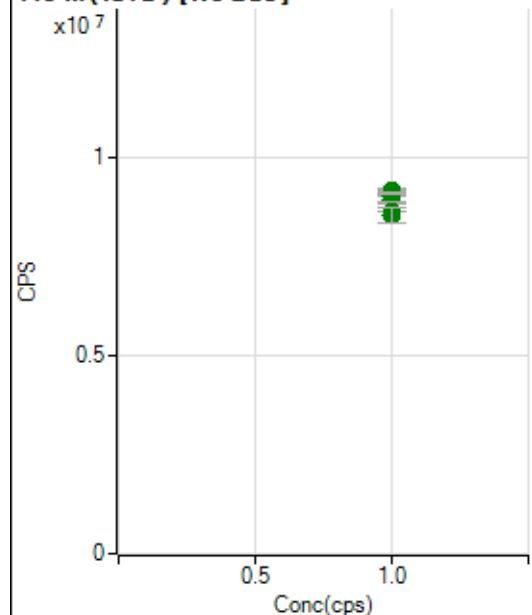
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		265888.16		P	0.9
2	☐	1.000					
3	☐	1.000		263816.12		P	2.4
4	☐	1.000		267431.95		P	1.1
5	☐	1.000		266023.75		P	0.5
6	☐	1.000		261963.73		P	0.1
7	☐	1.000		246682.27		P	0.4
8	☐	1.000		245780.50		P	2.0
9	☐	1.000		272819.37		P	1.0

103 Rh (ISTD) [No Gas]

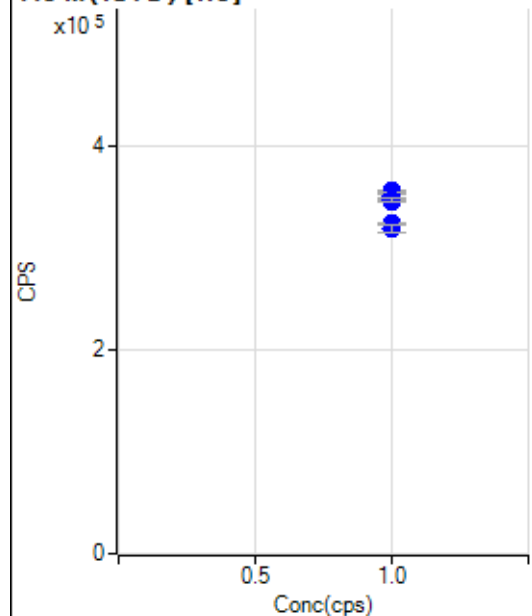
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		8571497.15		A	0.1
2	☐	1.000					
3	☐	1.000		8552389.34		A	2.7
4	☐	1.000		8731120.77		A	0.4
5	☐	1.000		8630749.84		A	1.1
6	☐	1.000		8502582.48		A	3.6
7	☐	1.000		8523774.76		A	1.2
8	☐	1.000		8025110.42		A	0.0
9	☐	1.000		7747483.42		A	4.2

103 Rh (ISTD) [He]

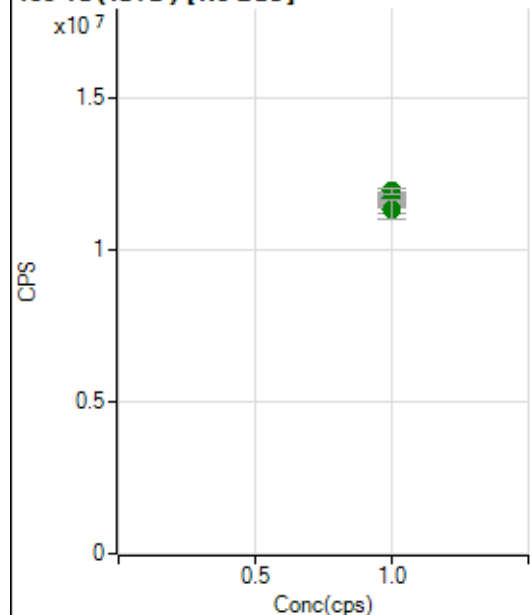
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2331702.97		A	1.6
2	☐	1.000					
3	☐	1.000		2306496.15		A	1.5
4	☐	1.000		2340510.92		A	0.8
5	☐	1.000		2308308.87		A	0.6
6	☐	1.000		2269455.64		A	0.3
7	☐	1.000		2137624.53		A	1.5
8	☐	1.000		2123804.36		A	2.0
9	☐	1.000		2153673.75		A	1.0

115 In (ISTD) [No Gas]

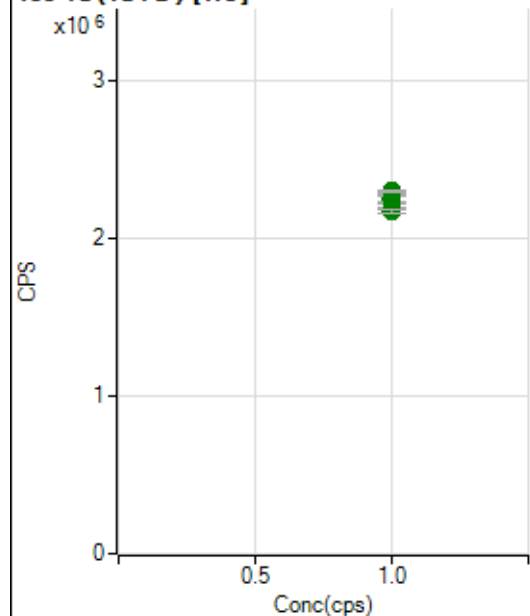
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		9066753.71		A	0.5
2	☐	1.000					
3	☐	1.000		8951126.71		A	2.3
4	☐	1.000		9168866.72		A	0.8
5	☐	1.000		9116794.87		A	0.3
6	☐	1.000		9060140.89		A	3.9
7	☐	1.000		9116296.33		A	0.2
8	☐	1.000		8654575.39		A	0.1
9	☐	1.000		8565286.37		A	4.5

115 In (ISTD) [He]

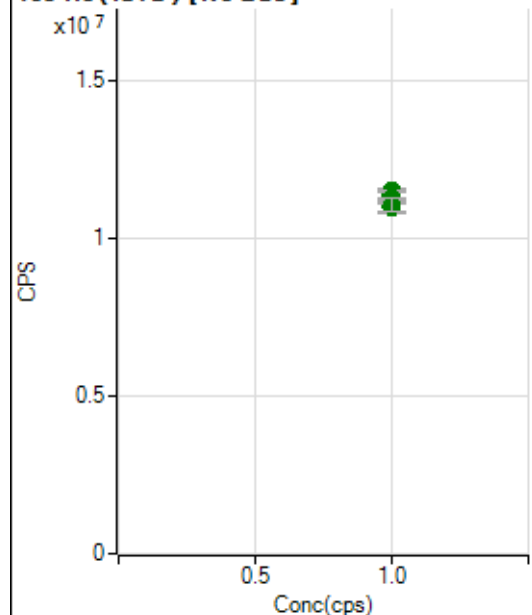
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		353326.90		P	0.1
2	☐	1.000					
3	☐	1.000		350803.68		P	1.9
4	☐	1.000		356770.77		P	0.6
5	☐	1.000		354792.60		P	0.1
6	☐	1.000		346145.96		P	0.4
7	☐	1.000		325483.63		P	0.2
8	☐	1.000		320055.32		P	2.1
9	☐	1.000		348279.95		P	0.8

159 Tb (ISTD) [No Gas]

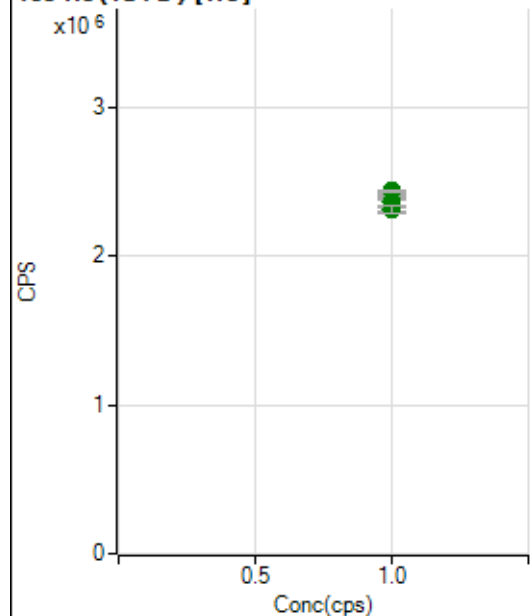
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11453489.97		A	0.6
2	☐	1.000					
3	☐	1.000		11317577.05		A	2.4
4	☐	1.000		11683113.58		A	0.6
5	☐	1.000		11696897.18		A	0.8
6	☐	1.000		11654216.63		A	4.1
7	☐	1.000		11936861.49		A	1.3
8	☐	1.000		11541273.72		A	0.6
9	☐	1.000		11318966.36		A	5.4

159 Tb (ISTD) [He]

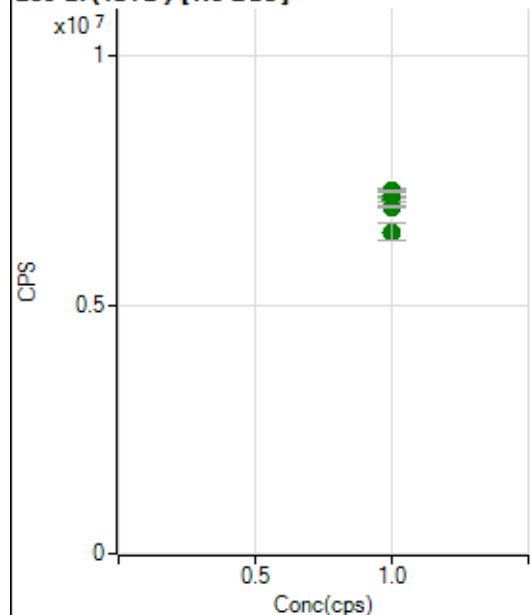
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2250770.26		A	1.2
2	☐	1.000					
3	☐	1.000		2246173.16		A	2.3
4	☐	1.000		2277980.68		A	0.4
5	☐	1.000		2295950.75		A	0.2
6	☐	1.000		2288834.12		A	0.6
7	☐	1.000		2190655.56		A	1.0
8	☐	1.000		2172095.11		A	1.3
9	☐	1.000		2301572.64		A	0.5

165 Ho (ISTD) [No Gas]

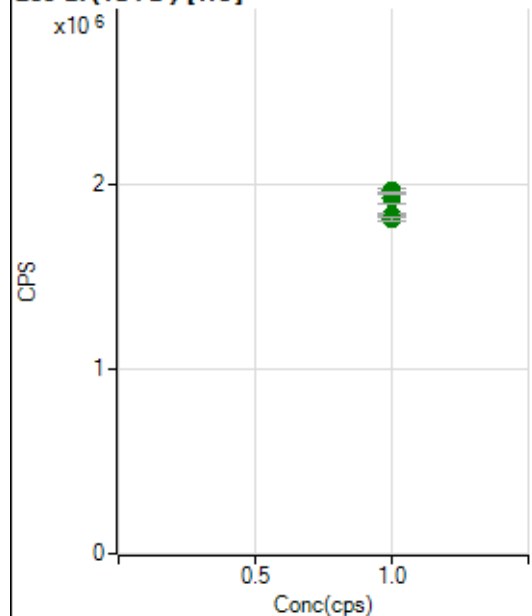
	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		11160598.52		A	0.9
2	☐	1.000					
3	☐	1.000		11013454.93		A	3.3
4	☐	1.000		11315590.18		A	0.2
5	☐	1.000		11393263.45		A	1.2
6	☐	1.000		11382179.51		A	3.5
7	☐	1.000		11524226.73		A	0.7
8	☐	1.000		11278507.89		A	0.6
9	☐	1.000		11070204.93		A	3.9

165 Ho (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		2386311.46		A	0.7
2	☐	1.000					
3	☐	1.000		2363811.04		A	1.9
4	☐	1.000		2395032.59		A	0.5
5	☐	1.000		2399775.97		A	0.3
6	☐	1.000		2407524.56		A	0.4
7	☐	1.000		2306269.50		A	1.2
8	☐	1.000		2307401.86		A	2.2
9	☐	1.000		2435587.74		A	0.4

209 Bi (ISTD) [No Gas]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		7100057.39		A	0.9
2	☐	1.000					
3	☐	1.000		7004091.56		A	1.9
4	☐	1.000		7164075.31		A	0.5
5	☐	1.000		7158146.63		A	0.6
6	☐	1.000		7201357.46		A	3.9
7	☐	1.000		7290013.85		A	0.4
8	☐	1.000		6973529.48		A	0.5
9	☐	1.000		6456522.61		A	5.5

209 Bi (ISTD) [He]

	Rj ct	Conc.	Calc Conc.	CPS	Ratio	Det .	RSD
1	☐	1.000		1960937.52		A	1.3
2	☐	1.000					
3	☐	1.000		1921603.04		A	3.1
4	☐	1.000		1963480.00		A	1.0
5	☐	1.000		1954563.74		A	0.3
6	☐	1.000		1948672.33		A	0.3
7	☐	1.000		1835585.70		A	0.7
8	☐	1.000		1812405.70		A	1.5
9	☐	1.000		1810714.24		A	0.9

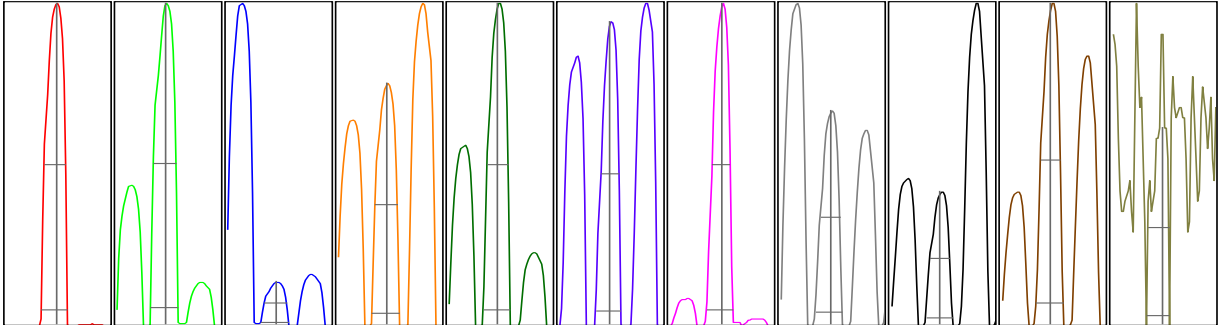
US EPA Tune Check Sample Report

Batch Folder D:\P8071118MS.b
Report Comment
Instrument Name G8403A JP17141814

[No Gas]				
Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)	RSD% (Flag)
9	7115	1.86	5.00	
24	108708	1.46	5.00	
25	14680	1.58	5.00	
26	17026	1.47	5.00	
59	64590	0.93	5.00	
113	8399	1.11	5.00	
115	107012	0.91	5.00	
206	24138	0.93	5.00	
207	22034	1.06	5.00	
208	52749	0.77	5.00	
220	1	26.44		

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
9	7116	6936	7235	7039	7250
24	109471	106543	110331	107554	109643
25	14797	14355	14886	14518	14847
26	17039	16780	17274	16765	17270
59	64633	63832	65283	64166	65034
113	8520	8264	8369	8414	8429
115	108607	107036	106387	106089	106942
206	23871	24178	24002	24468	24168
207	21672	22084	22063	22324	22025
208	52177	52684	52774	53315	52798
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	12294	9.00	8.9 - 9.1		0.740	0.900	
24	180339	23.95	23.9 - 24.1		0.785	0.900	
25	24385	24.95	24.9 - 25.1		0.786	0.900	
26	28661	25.95	25.9 - 26.1		0.783	0.900	
59	113886	58.95	58.9 - 59.1		0.773	0.900	
113	16169	113.00	112.9 - 113.1		0.724	0.900	
115	204352	115.05	114.9 - 115.1		0.758	0.900	
206	44450	206.00	205.9 - 206.1		0.774	0.900	
207	40467	206.95	206.9 - 207.1		0.772	0.900	
208	97402	207.95	207.9 - 208.1		0.776	0.900	
220	1	220.00	-		0.643		

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	8.0	V	Deflect	13.0	V
Extract 2	-250.0	V	Cell Entrance	-30	V	Plate Bias	-35	V
Omega Bias	-115	V	Cell Exit	-50	V			

Cell Parameters

ParameterName	Value	Unit	ParameterName	Value	Unit	ParameterName	Value	Unit
Use Gas	No		OctP Bias	-8.0	V	Energy Discrimination		5.0 V
He Flow	0.0	mL/min	OctP RF	160	V			

[He]

Mass	Count (Mean)	RSD% (Actual)	RSD% (Required)
59	7911	0.67	
89	7277	0.86	
205	11627	1.36	

Mass	Replicate 1 Count	Replicate 2 Count	Replicate 3 Count	Replicate 4 Count	Replicate 5 Count
59	7909	7929	7845	7988	7886
89	7313	7324	7250	7318	7178
205	11756	11678	11370	11743	11587

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	8.0	V	Deflect	2.0	V
Extract 2	-250.0	V	Cell Entrance	-40	V	Plate Bias	-60	V
Omega Bias	-115	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 :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	2.61	-0.52	0.00	N/A	ppb
Antimony	121-1	-0.01	0.00	0.00	0.00	N/A	ppb
Arsenic	75-2	-0.02	0.03	-0.02	0.00	N/A	ppb
Barium	135-1	0.02	0.01	-0.03	0.00	N/A	ppb
Barium	137-1	0.01	0.01	-0.02	0.00	N/A	ppb
Beryllium	9-1	0.00	-0.03	0.03	0.00	N/A	ppb
Bismuth	209-1				100		%
Bismuth	209-2				100		%
Boron	10-1	-0.05	0.25	-0.20	0.00	N/A	ppb
Boron	11-1	0.34	0.01	-0.35	0.00	N/A	ppb
Cadmium	111-1	-0.04	0.07	-0.03	0.00	N/A	ppb
Cadmium	106-1	-0.47	0.83	-0.36	0.00	N/A	ppb
Cadmium	108-1	0.00	0.00	0.00	0.00	N/A	ppb
Calcium	43-1	-1.79	-4.40	6.19	0.00	N/A	ppb
Calcium	44-1	0.27	-0.09	-0.19	0.00	N/A	ppb
Chromium	52-2	-0.02	0.01	0.00	0.00	N/A	ppb
Cobalt	59-2	0.01	-0.01	0.00	0.00	N/A	ppb
Copper	63-2	0.03	-0.03	-0.01	0.00	N/A	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				100		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	-0.35	0.20	0.15	0.00	N/A	ppb
Iron	57-2	-0.39	-1.24	1.63	0.00	N/A	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.02	-0.01	0.00	N/A	ppb
Lead	207-1	0.00	0.00	0.00	0.00	N/A	ppb
Lead	208-1	0.00	0.00	0.00	0.00	N/A	ppb
Lithium	6-1				100		%
Magnesium	24-2	0.22	0.66	-0.88	0.00	N/A	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.03	0.03	0.01	0.00	N/A	ppb
Molybdenum	94-1	-0.01	-0.02	0.03	0.00	N/A	ppb
Molybdenum	95-1	0.01	-0.02	0.01	0.00	N/A	ppb
Molybdenum	96-1	-0.01	0.00	0.01	0.00	N/A	ppb
Molybdenum	97-1	0.00	0.01	-0.01	0.00	N/A	ppb
Molybdenum	98-1	0.00	0.00	0.01	0.00	N/A	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.01	-0.02	0.04	0.00	N/A	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	6.11	9.51	-15.62	0.00	N/A	ppb
Rhodium	103-1				100		%
Rhodium	103-2				100		%
Scandium	45-1				100		%
Scandium	45-2				100		%
Selenium	77-2	8.65	-4.33	-4.33	0.00	N/A	ppb
Selenium	78-2	0.36	-0.72	0.36	0.00	N/A	ppb
Selenium	82-1	0.22	0.08	-0.29	0.00	N/A	ppb
Silicon	28-1	0.82	0.18	-1.00	0.00	N/A	ppb
Silver	109-1	0.00	0.00	0.00	0.00	N/A	ppb
Silver	107-1	0.00	-0.01	0.00	0.00	N/A	ppb
Sodium	23-2	-4.46	3.49	0.97	0.00	N/A	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00	N/A	ppb
Strontium	88-1	0.00	0.00	0.00	0.00	N/A	ppb
Sulfur	34-1	-87.30	47.35	-217.01	-85.65		ppb
Terbium	159-1				100		%
Terbium	159-2				100		%
Thallium	203-1	0.00	-0.01	0.01	0.00	N/A	ppb
Thallium	205-1	0.00	0.00	0.00	0.00	N/A	ppb
Tin	118-1	-0.01	0.00	0.01	0.00	N/A	ppb
Titanium	47-1	0.05	-0.03	-0.03	0.00	N/A	ppb
Uranium	238-1	0.00	0.00	0.00	0.00	N/A	ppb
Vanadium	51-2	-0.01	0.00	0.01	0.00	N/A	ppb
Yttrium	89-1				100		%
Yttrium	89-2				100		%
Zinc	66-2	-0.10	-0.03	0.12	0.00	N/A	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

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

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	13.61	19.99	20.53	18.04	21.35	ppb
Antimony	121-1	2.05	1.98	2.10	2.04	3.00	ppb
Arsenic	75-2	1.15	1.14	1.01	1.10	7.18	ppb
Barium	135-1	10.79	10.86	10.44	10.70	2.07	ppb
Barium	137-1	11.36	10.55	10.52	10.81	4.41	ppb
Beryllium	9-1	1.16	1.06	1.15	1.13	4.79	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	25.18	22.16	25.98	24.44	8.24	ppb
Boron	11-1	25.97	23.88	24.35	24.73	4.43	ppb
Cadmium	111-1	1.20	1.02	0.99	1.07	10.90	ppb
Cadmium	106-1	1.75	1.31	0.84	1.30	35.05	ppb
Cadmium	108-1	0.96	0.99	1.00	0.99	1.91	ppb
Calcium	43-1	498.69	462.94	481.09	480.91	3.72	ppb
Calcium	44-1	487.23	477.27	469.27	477.92	1.88	ppb
Chromium	52-2	2.17	2.38	2.17	2.24	5.55	ppb
Cobalt	59-2	1.00	0.97	1.08	1.02	5.64	ppb
Copper	63-2	2.07	2.10	2.08	2.08	0.86	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				99		%
Indium	115-2				99		%
Iron	56-2	54.28	54.06	57.33	55.23	3.31	ppb
Iron	57-2	46.70	59.83	58.97	55.17	13.32	ppb
Krypton	83-1						cps
Lead	206-1	1.05	1.01	0.97	1.01	4.14	ppb
Lead	207-1	1.09	1.05	1.01	1.05	4.03	ppb
Lead	208-1	1.05	1.03	1.02	1.04	1.67	ppb
Lithium	6-1				98		%
Magnesium	24-2	494.93	497.70	539.58	510.73	4.90	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1.12	0.78	0.81	0.90	20.95	ppb
Molybdenum	94-1	5.55	5.08	5.21	5.28	4.57	ppb
Molybdenum	95-1	5.39	5.07	4.95	5.14	4.38	ppb
Molybdenum	96-1	5.21	5.13	5.15	5.16	0.82	ppb
Molybdenum	97-1	5.24	5.17	5.06	5.16	1.82	ppb
Molybdenum	98-1	5.32	5.21	4.85	5.13	4.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.21	1.24	1.08	1.17	7.16	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	467.51	516.01	509.41	497.64	5.29	ppb
Rhodium	103-1				100		%
Rhodium	103-2				99		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	9.91	5.86	5.96	7.24	31.86	ppb
Selenium	82-1	5.90	5.99	4.99	5.63	9.86	ppb
Silicon	28-1	23.09	20.13	17.95	20.39	12.66	ppb
Silver	109-1	1.14	1.09	1.02	1.08	5.85	ppb
Silver	107-1	1.17	1.10	1.12	1.13	3.04	ppb
Sodium	23-2	500.00	511.05	520.13	510.39	1.97	ppb
Strontium	86-1	1.04	1.10	1.04	1.06	3.17	ppb
Strontium	88-1	1.05	1.04	1.07	1.05	1.31	ppb
Sulfur	34-1	346.48	36.15	-125.67	85.65	280.13	ppb
Terbium	159-1				99		%
Terbium	159-2				100		%
Thallium	203-1	1.06	1.07	1.02	1.05	2.60	ppb
Thallium	205-1	1.09	1.04	1.05	1.06	2.78	ppb
Tin	118-1	5.34	5.14	5.15	5.21	2.22	ppb
Titanium	47-1	5.03	5.27	4.96	5.09	3.21	ppb
Uranium	238-1	1.01	0.95	0.97	0.98	3.14	ppb
Vanadium	51-2	4.82	4.61	5.15	4.86	5.65	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.04	2.71	2.91	2.55	17.97	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.10	0.99	1.03	1.04	5.61	ppb
Zirconium	91-1	1.04	0.95	0.93	0.97	5.92	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : S3 Instrumnet Name : P8
 Client Sample ID : S3 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:12:37 DataFile Name : 006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	907.38	912.03	1030.00	949.80	7.32	ppb
Antimony	121-1	50.66	50.31	51.34	50.77	1.03	ppb
Arsenic	75-2	49.77	50.48	49.61	49.95	0.93	ppb
Barium	135-1	256.78	255.62	259.28	257.23	0.73	ppb
Barium	137-1	258.73	256.66	261.25	258.88	0.89	ppb
Beryllium	9-1	52.44	51.80	51.61	51.95	0.84	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	46.65	50.94	53.61	50.40	6.97	ppb
Boron	11-1	49.04	49.79	51.84	50.22	2.89	ppb
Cadmium	111-1	52.59	52.18	52.80	52.53	0.60	ppb
Cadmium	106-1	52.27	51.85	50.95	51.69	1.30	ppb
Cadmium	108-1	51.99	54.55	54.66	53.73	2.81	ppb
Calcium	43-1	4784.39	4743.34	4893.63	4807.12	1.62	ppb
Calcium	44-1	4927.55	4753.98	4842.43	4841.32	1.79	ppb
Chromium	52-2	50.43	49.31	51.50	50.41	2.17	ppb
Cobalt	59-2	50.41	50.18	51.29	50.63	1.16	ppb
Copper	63-2	100.57	100.54	103.01	101.37	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				100		%
Indium	115-1				101		%
Indium	115-2				101		%
Iron	56-2	2591.56	2590.68	2682.94	2621.73	2.02	ppb
Iron	57-2	2566.74	2551.29	2631.22	2583.09	1.64	ppb
Krypton	83-1						cps
Lead	206-1	49.83	48.97	49.87	49.56	1.03	ppb
Lead	207-1	48.94	48.70	49.52	49.05	0.86	ppb
Lead	208-1	50.03	49.55	50.22	49.93	0.70	ppb
Lithium	6-1				101		%
Magnesium	24-2	5037.27	5107.05	5126.71	5090.34	0.92	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:12:37	DataFile Name :	006CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	96.77	100.29	103.28	100.11	3.26	ppb
Molybdenum	94-1	255.14	249.89	253.76	252.93	1.08	ppb
Molybdenum	95-1	254.13	250.08	251.22	251.81	0.83	ppb
Molybdenum	96-1	253.00	249.25	253.40	251.88	0.91	ppb
Molybdenum	97-1	249.96	246.02	252.27	249.42	1.27	ppb
Molybdenum	98-1	252.85	247.81	251.19	250.61	1.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	49.44	51.04	52.64	51.04	3.13	ppb
Phosphorus	31-2	1300.37	1100.33	949.85	1116.85	15.74	ppb
Potassium	39-2	2449.88	2497.77	2464.06	2470.57	1.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				100		%
Selenium	77-2	40.40	21.52	47.99	36.64	37.20	ppb
Selenium	78-2	34.37	46.59	51.50	44.15	19.98	ppb
Selenium	82-1	53.65	51.71	49.77	51.71	3.75	ppb
Silicon	28-1	61.09	58.29	59.85	59.75	2.35	ppb
Silver	109-1	53.17	52.33	52.90	52.80	0.82	ppb
Silver	107-1	53.76	52.79	53.89	53.48	1.13	ppb
Sodium	23-2	4973.81	5041.33	5107.66	5040.93	1.33	ppb
Strontium	86-1	49.87	49.43	49.56	49.62	0.46	ppb
Strontium	88-1	51.27	50.20	50.66	50.71	1.05	ppb
Sulfur	34-1	878.64	726.94	745.56	783.72	10.56	ppb
Terbium	159-1				102		%
Terbium	159-2				101		%
Thallium	203-1	49.83	49.08	50.30	49.74	1.24	ppb
Thallium	205-1	50.58	50.21	51.26	50.68	1.05	ppb
Tin	118-1	51.47	50.64	51.30	51.14	0.87	ppb
Titanium	47-1	253.35	248.76	249.33	250.48	1.00	ppb
Uranium	238-1	49.00	48.25	49.15	48.80	0.99	ppb
Vanadium	51-2	49.05	49.71	51.74	50.17	2.80	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	102.79	100.16	105.35	102.77	2.52	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:12:37	DataFile Name :	006CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.33	50.05	49.28	49.89	1.09	ppb
Zirconium	91-1	49.37	48.56	49.80	49.24	1.28	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2406.19	2478.71	2464.56	2449.82	1.57	ppb
Antimony	121-1	127.95	128.24	128.45	128.21	0.19	ppb
Arsenic	75-2	124.02	126.37	127.44	125.94	1.39	ppb
Barium	135-1	648.32	641.42	630.58	640.11	1.40	ppb
Barium	137-1	664.00	652.43	641.88	652.77	1.70	ppb
Beryllium	9-1	128.27	128.65	129.13	128.68	0.34	ppb
Bismuth	209-1				101		%
Bismuth	209-2				100		%
Boron	10-1	117.30	122.06	124.42	121.26	2.99	ppb
Boron	11-1	120.44	122.37	124.99	122.60	1.86	ppb
Cadmium	111-1	132.03	129.40	130.34	130.59	1.02	ppb
Cadmium	106-1	129.82	127.58	128.96	128.79	0.88	ppb
Cadmium	108-1	126.65	133.43	130.68	130.25	2.61	ppb
Calcium	43-1	11893.69	12040.62	11838.25	11924.19	0.88	ppb
Calcium	44-1	12055.92	11931.57	11842.41	11943.30	0.90	ppb
Chromium	52-2	125.35	124.67	128.35	126.12	1.55	ppb
Cobalt	59-2	125.89	127.67	127.67	127.08	0.81	ppb
Copper	63-2	251.98	254.30	255.78	254.02	0.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				100		%
Iron	56-2	6511.73	6634.17	6664.39	6603.43	1.22	ppb
Iron	57-2	6331.46	6633.34	6523.37	6496.06	2.35	ppb
Krypton	83-1						cps
Lead	206-1	124.75	124.31	124.82	124.63	0.22	ppb
Lead	207-1	122.80	122.48	125.77	123.68	1.46	ppb
Lead	208-1	125.05	125.03	126.43	125.50	0.64	ppb
Lithium	6-1				100		%
Magnesium	24-2	12642.04	12765.02	12914.36	12773.80	1.07	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	247.79	254.97	252.44	251.73	1.45	ppb
Molybdenum	94-1	644.83	639.78	634.14	639.58	0.84	ppb
Molybdenum	95-1	644.27	635.41	637.73	639.14	0.72	ppb
Molybdenum	96-1	634.05	630.44	637.79	634.10	0.58	ppb
Molybdenum	97-1	627.18	627.92	624.08	626.39	0.33	ppb
Molybdenum	98-1	631.18	630.88	630.46	630.84	0.06	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	127.31	128.39	129.23	128.31	0.75	ppb
Phosphorus	31-2	2574.75	2683.62	2545.46	2601.28	2.80	ppb
Potassium	39-2	6053.80	6160.51	6343.36	6185.89	2.37	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				98		%
Selenium	77-2	164.26	99.31	100.19	121.25	30.72	ppb
Selenium	78-2	130.88	140.45	132.95	134.76	3.74	ppb
Selenium	82-1	130.27	128.30	126.24	128.27	1.57	ppb
Silicon	28-1	152.16	149.58	151.47	151.07	0.88	ppb
Silver	109-1	133.37	130.64	130.65	131.56	1.20	ppb
Silver	107-1	132.55	132.46	130.83	131.95	0.73	ppb
Sodium	23-2	12561.90	12593.31	12793.00	12649.40	0.99	ppb
Strontium	86-1	126.42	127.28	124.23	125.98	1.25	ppb
Strontium	88-1	128.90	129.22	128.22	128.78	0.40	ppb
Sulfur	34-1	2224.08	2151.94	1936.89	2104.30	7.10	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	124.60	124.83	126.23	125.22	0.70	ppb
Thallium	205-1	127.35	128.48	129.37	128.40	0.79	ppb
Tin	118-1	128.79	127.07	125.90	127.26	1.14	ppb
Titanium	47-1	630.21	623.35	622.57	625.38	0.67	ppb
Uranium	238-1	125.77	126.01	125.39	125.72	0.25	ppb
Vanadium	51-2	125.53	124.86	126.56	125.65	0.68	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	251.60	257.05	259.27	255.97	1.54	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	126.16	128.76	126.07	126.99	1.20	ppb
Zirconium	91-1	124.99	124.11	124.42	124.51	0.36	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:19:54	DataFile Name :	008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4803.85	4981.37	4846.79	4877.34	1.90	ppb
Antimony	121-1	255.69	268.72	248.84	257.75	3.92	ppb
Arsenic	75-2	250.12	245.26	244.63	246.67	1.22	ppb
Barium	135-1	1299.10	1364.33	1254.37	1305.93	4.23	ppb
Barium	137-1	1284.14	1367.73	1261.82	1304.56	4.28	ppb
Beryllium	9-1	257.09	270.55	248.52	258.72	4.29	ppb
Bismuth	209-1				101		%
Bismuth	209-2				99		%
Boron	10-1	241.57	264.79	245.13	250.50	4.99	ppb
Boron	11-1	242.17	262.90	245.97	250.35	4.41	ppb
Cadmium	111-1	258.22	274.36	252.26	261.61	4.37	ppb
Cadmium	106-1	251.95	277.83	251.91	260.56	5.74	ppb
Cadmium	108-1	261.86	276.11	255.53	264.50	3.99	ppb
Calcium	43-1	23695.92	24567.20	23368.06	23877.06	2.60	ppb
Calcium	44-1	23577.62	24429.07	23029.27	23678.65	2.98	ppb
Chromium	52-2	247.79	246.01	243.70	245.83	0.83	ppb
Cobalt	59-2	248.93	250.02	248.34	249.10	0.34	ppb
Copper	63-2	496.93	498.93	492.37	496.08	0.68	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				101		%
Indium	115-1				100		%
Indium	115-2				98		%
Iron	56-2	12855.28	12886.85	12840.84	12860.99	0.18	ppb
Iron	57-2	12837.21	12949.45	12589.01	12791.89	1.44	ppb
Krypton	83-1						cps
Lead	206-1	248.01	261.30	240.61	249.97	4.19	ppb
Lead	207-1	245.36	258.54	239.46	247.79	3.94	ppb
Lead	208-1	250.95	265.92	243.83	253.57	4.45	ppb
Lithium	6-1				98		%
Magnesium	24-2	25082.84	25080.24	24473.11	24878.73	1.41	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : S5 Instrumnet Name : P8
 Client Sample ID : S5 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:19:54 DataFile Name : 008CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	499.30	494.51	493.39	495.74	0.63	ppb
Molybdenum	94-1	1273.57	1357.52	1254.26	1295.12	4.24	ppb
Molybdenum	95-1	1257.49	1330.52	1244.84	1277.62	3.62	ppb
Molybdenum	96-1	1249.14	1332.76	1232.60	1271.50	4.22	ppb
Molybdenum	97-1	1255.88	1331.82	1254.77	1280.83	3.45	ppb
Molybdenum	98-1	1249.84	1311.67	1220.25	1260.59	3.70	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	252.83	250.41	248.81	250.68	0.81	ppb
Phosphorus	31-2	5048.60	4702.64	4322.54	4691.26	7.74	ppb
Potassium	39-2	12141.63	12068.37	11829.16	12013.05	1.36	ppb
Rhodium	103-1				99		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	279.24	220.18	206.84	235.42	16.37	ppb
Selenium	78-2	239.54	243.14	245.19	242.62	1.18	ppb
Selenium	82-1	253.75	265.80	253.90	257.81	2.68	ppb
Silicon	28-1	264.69	280.17	259.29	268.05	4.04	ppb
Silver	109-1	263.30	278.47	255.53	265.76	4.39	ppb
Silver	107-1	265.50	278.92	253.42	265.94	4.80	ppb
Sodium	23-2	25403.04	25442.48	25310.97	25385.50	0.27	ppb
Strontium	86-1	248.92	264.73	246.92	253.53	3.85	ppb
Strontium	88-1	253.73	270.01	249.57	257.77	4.19	ppb
Sulfur	34-1	4585.69	5240.78	4167.11	4664.52	11.60	ppb
Terbium	159-1				102		%
Terbium	159-2				102		%
Thallium	203-1	248.48	261.29	240.64	250.13	4.17	ppb
Thallium	205-1	251.06	265.17	243.54	253.26	4.34	ppb
Tin	118-1	253.89	269.45	249.65	257.66	4.05	ppb
Titanium	47-1	1239.67	1303.83	1222.12	1255.21	3.43	ppb
Uranium	238-1	250.10	261.76	242.23	251.36	3.91	ppb
Vanadium	51-2	246.94	249.39	240.97	245.77	1.76	ppb
Yttrium	89-1				100		%
Yttrium	89-2				99		%
Zinc	66-2	496.97	504.62	499.42	500.34	0.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:19:54	DataFile Name :	008CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	254.75	269.45	249.31	257.84	4.04	ppb
Zirconium	91-1	246.96	266.05	244.20	252.40	4.71	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9929.95	9658.04	10335.10	9974.36	3.42	ppb
Antimony	121-1	499.93	503.70	489.77	497.80	1.45	ppb
Arsenic	75-2	511.16	498.63	515.34	508.38	1.71	ppb
Barium	135-1	2515.35	2548.64	2447.12	2503.70	2.07	ppb
Barium	137-1	2494.82	2539.37	2456.47	2496.89	1.66	ppb
Beryllium	9-1	501.19	499.70	493.88	498.26	0.78	ppb
Bismuth	209-1				103		%
Bismuth	209-2				94		%
Boron	10-1	507.91	501.01	493.70	500.87	1.42	ppb
Boron	11-1	482.87	493.93	496.89	491.23	1.50	ppb
Cadmium	111-1	504.01	506.35	494.69	501.68	1.23	ppb
Cadmium	106-1	506.89	500.17	506.23	504.43	0.73	ppb
Cadmium	108-1	497.05	507.58	484.40	496.34	2.34	ppb
Calcium	43-1	46967.92	46674.39	46641.79	46761.37	0.38	ppb
Calcium	44-1	46586.81	46598.97	46594.49	46593.42	0.01	ppb
Chromium	52-2	501.70	509.14	519.60	510.15	1.76	ppb
Cobalt	59-2	505.09	512.64	517.81	511.85	1.25	ppb
Copper	63-2	1009.67	1022.88	1045.51	1026.02	1.77	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				97		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	26160.26	26646.29	27070.44	26625.66	1.71	ppb
Iron	57-2	26135.64	26166.18	26973.75	26425.19	1.80	ppb
Krypton	83-1						cps
Lead	206-1	504.85	498.65	495.90	499.80	0.92	ppb
Lead	207-1	498.51	502.30	501.00	500.60	0.38	ppb
Lead	208-1	500.55	499.67	499.29	499.84	0.13	ppb
Lithium	6-1				97		%
Magnesium	24-2	51880.41	51926.95	52737.48	52181.62	0.92	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1004.84	1010.38	1036.88	1017.37	1.68	ppb
Molybdenum	94-1	2460.16	2476.72	2485.81	2474.23	0.53	ppb
Molybdenum	95-1	2470.21	2497.12	2475.40	2480.91	0.58	ppb
Molybdenum	96-1	2484.30	2475.70	2479.02	2479.67	0.17	ppb
Molybdenum	97-1	2465.01	2492.09	2491.52	2482.87	0.62	ppb
Molybdenum	98-1	2482.45	2481.28	2474.61	2479.45	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	507.39	512.62	525.82	515.28	1.84	ppb
Phosphorus	31-2	10571.39	9314.88	10465.38	10117.22	6.89	ppb
Potassium	39-2	24232.07	24779.08	25331.21	24780.79	2.22	ppb
Rhodium	103-1				99		%
Rhodium	103-2				92		%
Scandium	45-1				100		%
Scandium	45-2				91		%
Selenium	77-2	500.05	617.24	572.45	563.25	10.50	ppb
Selenium	78-2	549.35	560.45	521.18	543.66	3.72	ppb
Selenium	82-1	495.21	502.10	499.33	498.88	0.70	ppb
Silicon	28-1	512.31	508.26	497.06	505.88	1.56	ppb
Silver	109-1	501.89	512.26	498.74	504.30	1.40	ppb
Silver	107-1	509.98	513.19	496.75	506.64	1.72	ppb
Sodium	23-2	50952.40	51391.77	52652.42	51665.53	1.71	ppb
Strontium	86-1	491.20	500.03	491.20	494.14	1.03	ppb
Strontium	88-1	493.46	496.14	495.72	495.10	0.29	ppb
Sulfur	34-1	9538.00	9268.63	8873.27	9226.63	3.62	ppb
Terbium	159-1				104		%
Terbium	159-2				97		%
Thallium	203-1	500.41	500.12	496.04	498.86	0.49	ppb
Thallium	205-1	496.24	496.20	492.79	495.08	0.40	ppb
Tin	118-1	500.33	507.24	489.29	498.95	1.81	ppb
Titanium	47-1	2526.10	2493.89	2475.08	2498.36	1.03	ppb
Uranium	238-1	495.52	487.13	494.11	492.25	0.91	ppb
Vanadium	51-2	501.94	509.40	520.73	510.69	1.85	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	1020.56	1026.98	1056.61	1034.72	1.86	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.40	496.88	497.45	497.58	0.15	ppb
Zirconium	91-1	491.49	492.48	493.04	492.34	0.16	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:26:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	19577.89	19611.35	19043.76	19411.00	1.64	ppb
Antimony	121-1	997.84	991.71	1006.62	998.72	0.75	ppb
Arsenic	75-2	999.11	1001.59	988.88	996.53	0.68	ppb
Barium	135-1	4977.81	4944.88	5023.05	4981.91	0.79	ppb
Barium	137-1	4949.34	4986.53	5016.13	4984.00	0.67	ppb
Beryllium	9-1	1011.39	986.08	996.93	998.13	1.27	ppb
Bismuth	209-1				98		%
Bismuth	209-2				92		%
Boron	10-1	979.58	998.58	1021.54	999.90	2.10	ppb
Boron	11-1	982.51	1002.73	1028.54	1004.59	2.30	ppb
Cadmium	111-1	996.43	985.90	1003.96	995.43	0.91	ppb
Cadmium	106-1	1000.20	974.43	1009.12	994.58	1.81	ppb
Cadmium	108-1	997.61	989.93	1004.55	997.36	0.73	ppb
Calcium	43-1	96020.89	95603.54	97356.71	96327.05	0.95	ppb
Calcium	44-1	94388.73	94489.02	95210.61	94696.12	0.47	ppb
Chromium	52-2	991.92	1019.97	975.54	995.81	2.26	ppb
Cobalt	59-2	988.80	1019.56	973.68	994.01	2.35	ppb
Copper	63-2	1964.69	2041.42	1956.09	1987.40	2.36	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				101		%
Holmium	165-2				97		%
Indium	115-1				95		%
Indium	115-2				91		%
Iron	56-2	51831.23	53451.33	50558.72	51947.09	2.79	ppb
Iron	57-2	51025.67	52738.82	50064.70	51276.39	2.64	ppb
Krypton	83-1						cps
Lead	206-1	995.47	993.43	1011.63	1000.18	1.00	ppb
Lead	207-1	1003.21	1000.08	998.10	1000.46	0.26	ppb
Lead	208-1	998.05	997.08	1002.26	999.13	0.28	ppb
Lithium	6-1				93		%
Magnesium	24-2	101093.04	104684.59	98725.30	101500.98	2.96	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:26:50	DataFile Name :	010CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1985.78	2044.30	1946.40	1992.16	2.47	ppb
Molybdenum	94-1	5000.00	4973.09	5025.83	4999.64	0.53	ppb
Molybdenum	95-1	4986.66	4969.59	5046.10	5000.78	0.80	ppb
Molybdenum	96-1	4991.30	4989.02	5030.36	5003.56	0.46	ppb
Molybdenum	97-1	4998.06	4943.98	5060.09	5000.71	1.16	ppb
Molybdenum	98-1	4996.33	4976.74	5047.54	5006.87	0.73	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	989.95	1014.37	970.85	991.72	2.20	ppb
Phosphorus	31-2	18638.39	21504.72	19857.11	20000.07	7.19	ppb
Potassium	39-2	47938.80	49593.46	47803.44	48445.24	2.06	ppb
Rhodium	103-1				94		%
Rhodium	103-2				91		%
Scandium	45-1				95		%
Scandium	45-2				91		%
Selenium	77-2	989.93	951.34	978.35	973.21	2.04	ppb
Selenium	78-2	1002.39	960.35	974.48	979.07	2.19	ppb
Selenium	82-1	995.57	995.05	1003.70	998.11	0.49	ppb
Silicon	28-1	977.35	990.09	998.66	988.70	1.08	ppb
Silver	109-1	995.75	985.22	997.88	992.95	0.68	ppb
Silver	107-1	989.85	986.82	998.29	991.65	0.60	ppb
Sodium	23-2	99863.42	102996.93	98777.64	100546.00	2.18	ppb
Strontium	86-1	1007.83	1000.22	997.78	1001.94	0.52	ppb
Strontium	88-1	994.06	995.09	1010.84	1000.00	0.94	ppb
Sulfur	34-1	20475.65	20525.48	20591.35	20530.83	0.28	ppb
Terbium	159-1				101		%
Terbium	159-2				97		%
Thallium	203-1	992.52	999.71	1009.34	1000.52	0.84	ppb
Thallium	205-1	995.23	991.71	1016.62	1001.19	1.35	ppb
Tin	118-1	997.00	990.79	1007.01	998.27	0.82	ppb
Titanium	47-1	4976.19	5022.69	4999.47	4999.45	0.47	ppb
Uranium	238-1	998.06	1000.59	1011.86	1003.50	0.73	ppb
Vanadium	51-2	995.59	1017.57	973.71	995.62	2.20	ppb
Yttrium	89-1				97		%
Yttrium	89-2				92		%
Zinc	66-2	1986.87	2018.41	1939.74	1981.67	2.00	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:26:50	DataFile Name :	010CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1001.00	989.70	1006.33	999.01	0.85	ppb
Zirconium	91-1	1003.81	997.61	1008.58	1003.33	0.55	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	100947.09	99210.48	100227.20	100128.25	0.87	ppb
Antimony	121-1	2.83	2.72	2.85	2.80	2.67	ppb
Arsenic	75-2	1.37	1.75	1.84	1.65	15.06	ppb
Barium	135-1	0.80	0.89	1.05	0.91	13.75	ppb
Barium	137-1	0.96	0.89	0.87	0.91	5.49	ppb
Beryllium	9-1	0.38	0.36	0.38	0.37	3.09	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	52.76	50.31	48.24	50.43	4.49	ppb
Boron	11-1	52.69	47.35	47.02	49.02	6.50	ppb
Cadmium	111-1	0.26	0.37	0.16	0.27	39.43	ppb
Cadmium	106-1	0.78	2.02	-1.33	0.49	347.20	ppb
Cadmium	108-1	0.29	0.50	0.36	0.39	27.76	ppb
Calcium	43-1	489046.71	492083.97	522262.16	501130.94	3.66	ppb
Calcium	44-1	490777.77	488802.26	524869.06	501483.03	4.04	ppb
Chromium	52-2	37.49	36.24	36.73	36.82	1.70	ppb
Cobalt	59-2	11.79	11.57	11.71	11.69	0.98	ppb
Copper	63-2	3.09	2.91	3.12	3.04	3.78	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				99		%
Holmium	165-2				102		%
Indium	115-1				94		%
Indium	115-2				99		%
Iron	56-2	251114.96	246642.50	250502.27	249419.91	0.97	ppb
Iron	57-2	250778.03	247576.75	250387.09	249580.62	0.70	ppb
Krypton	83-1						cps
Lead	206-1	5.73	5.87	6.44	6.01	6.22	ppb
Lead	207-1	5.31	5.31	5.90	5.51	6.16	ppb
Lead	208-1	5.57	5.61	6.16	5.78	5.66	ppb
Lithium	6-1				93		%
Magnesium	24-2	504672.10	494194.59	499573.15	499479.95	1.05	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CAL.S.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	9.06	8.98	8.44	8.83	3.84	ppb
Molybdenum	94-1	7.12	6.87	7.20	7.06	2.47	ppb
Molybdenum	95-1	9.86	9.23	9.65	9.58	3.35	ppb
Molybdenum	96-1	9.57	9.40	9.75	9.57	1.79	ppb
Molybdenum	97-1	9.62	9.32	9.68	9.54	2.02	ppb
Molybdenum	98-1	9.45	9.10	9.55	9.37	2.52	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	30.92	29.76	29.69	30.12	2.30	ppb
Phosphorus	31-2	0.00	24.02	24.28	16.10	86.61	ppb
Potassium	39-2	253391.35	246633.10	251052.92	250359.12	1.37	ppb
Rhodium	103-1				90		%
Rhodium	103-2				92		%
Scandium	45-1				98		%
Scandium	45-2				104		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	1.41	-0.72	1.38	0.69	176.45	ppb
Selenium	82-1	0.80	0.88	1.15	0.94	19.29	ppb
Silicon	28-1	16.08	15.53	23.86	18.49	25.20	ppb
Silver	109-1	0.12	0.11	0.18	0.14	27.73	ppb
Silver	107-1	0.11	0.13	0.13	0.12	10.03	ppb
Sodium	23-2	502237.67	496088.52	500776.26	499700.82	0.64	ppb
Strontium	86-1	4.45	4.42	4.85	4.57	5.30	ppb
Strontium	88-1	4.60	4.59	4.99	4.73	4.78	ppb
Sulfur	34-1	-1001.23	-878.92	158.83	-573.77		ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.65	0.56	0.59	0.60	7.85	ppb
Thallium	205-1	0.59	0.57	0.64	0.60	5.94	ppb
Tin	118-1	2.56	2.44	2.63	2.54	3.77	ppb
Titanium	47-1	2.52	2.51	2.76	2.60	5.45	ppb
Uranium	238-1	0.07	0.06	0.07	0.07	11.52	ppb
Vanadium	51-2	0.31	0.34	0.19	0.28	28.35	ppb
Yttrium	89-1				98		%
Yttrium	89-2				103		%
Zinc	66-2	13.98	13.97	13.98	13.98	0.06	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CALS.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.20	0.20	0.21	5.85	ppb
Zirconium	91-1	0.23	0.19	0.22	0.21	10.30	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	446.44	495.68	481.45	474.52	5.34	ppb
Antimony	121-1	197.90	200.30	199.69	199.30	0.63	ppb
Arsenic	75-2	196.52	197.26	197.65	197.14	0.29	ppb
Barium	135-1	102.33	101.52	100.08	101.31	1.12	ppb
Barium	137-1	103.35	103.21	102.91	103.16	0.22	ppb
Beryllium	9-1	102.53	100.85	98.06	100.48	2.25	ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	495.42	508.62	519.03	507.69	2.33	ppb
Boron	11-1	490.23	509.23	508.50	502.65	2.14	ppb
Cadmium	111-1	107.34	108.04	105.64	107.01	1.15	ppb
Cadmium	106-1	173.95	171.90	165.45	170.43	2.60	ppb
Cadmium	108-1	139.25	139.32	135.88	138.15	1.42	ppb
Calcium	43-1	2030.41	2089.47	2081.35	2067.07	1.55	ppb
Calcium	44-1	1968.46	1970.20	1943.08	1960.58	0.77	ppb
Chromium	52-2	96.98	96.41	93.15	95.51	2.16	ppb
Cobalt	59-2	100.33	98.84	97.13	98.77	1.62	ppb
Copper	63-2	99.67	98.76	95.68	98.04	2.13	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				99		%
Holmium	165-2				99		%
Indium	115-1				100		%
Indium	115-2				100		%
Iron	56-2	1051.68	1033.25	1015.55	1033.50	1.75	ppb
Iron	57-2	1041.45	1013.39	1005.09	1019.97	1.87	ppb
Krypton	83-1						cps
Lead	206-1	198.68	196.82	194.26	196.58	1.13	ppb
Lead	207-1	188.26	188.85	186.21	187.78	0.74	ppb
Lead	208-1	197.38	196.08	194.24	195.90	0.80	ppb
Lithium	6-1				101		%
Magnesium	24-2	1220.24	1202.76	1194.21	1205.73	1.10	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	99.15	99.38	95.29	97.94	2.35	ppb
Molybdenum	94-1	1128.05	1139.90	1137.74	1135.23	0.56	ppb
Molybdenum	95-1	525.08	528.20	524.00	525.76	0.41	ppb
Molybdenum	96-1	602.41	605.22	595.88	601.17	0.80	ppb
Molybdenum	97-1	510.00	518.16	508.93	512.37	0.99	ppb
Molybdenum	98-1	522.79	525.48	526.76	525.01	0.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	101.96	99.65	97.55	99.72	2.21	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	2064.28	2076.53	2004.46	2048.42	1.88	ppb
Rhodium	103-1				101		%
Rhodium	103-2				99		%
Scandium	45-1				104		%
Scandium	45-2				103		%
Selenium	77-2	210.88	254.28	171.90	212.35	19.40	ppb
Selenium	78-2	203.25	213.31	206.60	207.72	2.47	ppb
Selenium	82-1	199.96	201.88	201.19	201.01	0.48	ppb
Silicon	28-1	-1.08	1.05	0.45	0.14	797.14	ppb
Silver	109-1	101.01	101.53	100.98	101.17	0.31	ppb
Silver	107-1	101.81	102.18	102.25	102.08	0.23	ppb
Sodium	23-2	2084.57	2114.15	2003.42	2067.38	2.77	ppb
Strontium	86-1	491.41	506.29	494.90	497.53	1.56	ppb
Strontium	88-1	499.00	507.87	495.98	500.95	1.23	ppb
Sulfur	34-1	-393.48	-349.66	-751.23	-498.12		ppb
Terbium	159-1				100		%
Terbium	159-2				101		%
Thallium	203-1	200.01	198.70	198.69	199.13	0.38	ppb
Thallium	205-1	207.66	204.10	204.03	205.27	1.01	ppb
Tin	118-1	517.27	528.89	524.86	523.68	1.13	ppb
Titanium	47-1	500.40	505.07	493.93	499.80	1.12	ppb
Uranium	238-1	484.71	479.23	475.98	479.97	0.92	ppb
Vanadium	51-2	97.23	97.41	95.71	96.79	0.96	ppb
Yttrium	89-1				102		%
Yttrium	89-2				101		%
Zinc	66-2	203.29	197.64	197.74	199.56	1.62	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	504.46	504.60	499.47	502.85	0.58	ppb
Zirconium	91-1	490.31	495.89	488.52	491.57	0.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.07	28.06	7.42	14.85	77.25	ppb
Antimony	121-1	2.13	2.16	2.04	2.11	2.89	ppb
Arsenic	75-2	1.00	1.18	1.27	1.15	11.98	ppb
Barium	135-1	10.40	10.68	10.35	10.47	1.72	ppb
Barium	137-1	10.23	10.36	10.70	10.43	2.35	ppb
Beryllium	9-1	1.03	1.17	1.03	1.07	7.94	ppb
Bismuth	209-1				96		%
Bismuth	209-2				96		%
Boron	10-1	32.14	32.22	31.96	32.11	0.42	ppb
Boron	11-1	31.97	31.30	32.16	31.81	1.43	ppb
Cadmium	111-1	0.89	1.09	1.12	1.03	12.17	ppb
Cadmium	106-1	0.00	0.72	1.11	0.61	91.86	ppb
Cadmium	108-1	0.99	0.83	1.04	0.95	11.08	ppb
Calcium	43-1	491.86	489.79	474.46	485.37	1.96	ppb
Calcium	44-1	474.05	485.20	486.19	481.81	1.40	ppb
Chromium	52-2	2.17	2.13	2.04	2.11	3.24	ppb
Cobalt	59-2	0.91	0.97	1.03	0.97	6.21	ppb
Copper	63-2	2.11	2.16	2.03	2.10	3.23	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				96		%
Holmium	165-2				97		%
Indium	115-1				97		%
Indium	115-2				98		%
Iron	56-2	54.60	53.39	53.76	53.92	1.15	ppb
Iron	57-2	48.48	53.98	52.46	51.64	5.50	ppb
Krypton	83-1						cps
Lead	206-1	0.97	1.02	1.04	1.01	3.82	ppb
Lead	207-1	0.99	0.89	1.05	0.98	8.54	ppb
Lead	208-1	0.99	0.99	1.02	1.00	2.02	ppb
Lithium	6-1				98		%
Magnesium	24-2	522.80	500.04	504.09	508.98	2.39	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.90	0.87	0.96	0.91	4.87	ppb
Molybdenum	94-1	5.85	5.76	5.69	5.76	1.39	ppb
Molybdenum	95-1	5.24	5.40	4.94	5.20	4.56	ppb
Molybdenum	96-1	5.18	5.21	5.19	5.19	0.30	ppb
Molybdenum	97-1	5.32	4.92	5.13	5.12	3.89	ppb
Molybdenum	98-1	5.01	5.08	4.99	5.03	1.02	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.82	1.11	1.05	0.99	15.65	ppb
Phosphorus	31-2	0.00	0.00	25.62	8.54	173.21	ppb
Potassium	39-2	581.38	563.74	565.38	570.17	1.71	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				98		%
Scandium	45-2				98		%
Selenium	77-2	-4.33	2.34	2.31	0.11	3550.58	ppb
Selenium	78-2	3.61	8.16	5.92	5.89	38.59	ppb
Selenium	82-1	5.26	5.39	4.51	5.05	9.46	ppb
Silicon	28-1	17.60	17.43	17.24	17.42	1.04	ppb
Silver	109-1	1.13	1.08	1.09	1.10	2.58	ppb
Silver	107-1	1.10	1.13	1.07	1.10	2.85	ppb
Sodium	23-2	540.40	555.41	535.76	543.85	1.89	ppb
Strontium	86-1	0.96	1.30	0.99	1.08	17.02	ppb
Strontium	88-1	1.05	1.03	1.10	1.06	3.09	ppb
Sulfur	34-1	421.99	361.66	738.38	507.34	39.88	ppb
Terbium	159-1				97		%
Terbium	159-2				98		%
Thallium	203-1	0.95	0.98	1.08	1.00	6.67	ppb
Thallium	205-1	1.07	1.04	1.05	1.05	1.53	ppb
Tin	118-1	5.13	5.17	5.57	5.29	4.61	ppb
Titanium	47-1	5.35	4.87	5.44	5.22	5.85	ppb
Uranium	238-1	0.95	0.95	1.00	0.97	2.79	ppb
Vanadium	51-2	4.97	4.92	4.41	4.76	6.45	ppb
Yttrium	89-1				98		%
Yttrium	89-2				98		%
Zinc	66-2	1.99	2.43	3.00	2.47	20.52	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.51	1.39	1.41	1.44	4.54	ppb
Zirconium	91-1	1.47	1.51	1.40	1.46	3.70	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:58:50 DataFile Name : 015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.22	4.11	-0.52	1.60	146.28	ppb
Antimony	121-1	0.06	0.06	0.07	0.06	9.69	ppb
Arsenic	75-2	-0.06	0.01	0.01	-0.02		ppb
Barium	135-1	-0.05	0.00	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.02	-0.01	-0.02		ppb
Beryllium	9-1	0.00	0.01	0.01	0.01	142.77	ppb
Bismuth	209-1				97		%
Bismuth	209-2				96		%
Boron	10-1	7.99	7.70	8.73	8.14	6.49	ppb
Boron	11-1	8.05	7.70	7.40	7.72	4.20	ppb
Cadmium	111-1	0.09	0.04	-0.14	0.00		ppb
Cadmium	106-1	1.40	0.68	-1.73	0.12	1380.55	ppb
Cadmium	108-1	0.00	-0.04	-0.04	-0.02		ppb
Calcium	43-1	6.32	-0.71	2.25	2.62	134.84	ppb
Calcium	44-1	1.07	0.59	1.80	1.15	52.71	ppb
Chromium	52-2	-0.04	0.04	-0.09	-0.03		ppb
Cobalt	59-2	-0.05	-0.04	-0.03	-0.04		ppb
Copper	63-2	0.00	-0.03	-0.01	-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				97		%
Holmium	165-2				97		%
Indium	115-1				98		%
Indium	115-2				98		%
Iron	56-2	0.78	0.56	0.31	0.55	43.22	ppb
Iron	57-2	-2.53	0.13	0.66	-0.58		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	0.01	0.01	79.10	ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.01		ppb
Lithium	6-1				98		%
Magnesium	24-2	6.29	2.44	2.53	3.76	58.58	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:58:50	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.08	-0.17	-0.08	-0.11		ppb
Molybdenum	94-1	0.15	0.17	0.19	0.17	11.15	ppb
Molybdenum	95-1	0.04	0.02	0.02	0.03	48.10	ppb
Molybdenum	96-1	0.03	0.08	0.07	0.06	41.85	ppb
Molybdenum	97-1	0.05	0.07	0.05	0.06	22.57	ppb
Molybdenum	98-1	0.05	0.07	0.06	0.06	10.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.00	-0.10	0.01	-0.03		ppb
Phosphorus	31-2	26.74	25.09	0.00	17.28	86.73	ppb
Potassium	39-2	28.53	19.41	34.42	27.45	27.53	ppb
Rhodium	103-1				98		%
Rhodium	103-2				97		%
Scandium	45-1				100		%
Scandium	45-2				98		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.42	0.38	-0.72	0.03	2347.71	ppb
Selenium	82-1	0.25	0.06	-0.06	0.08	180.74	ppb
Silicon	28-1	55.72	-2.02	-1.66	17.35	191.56	ppb
Silver	109-1	0.00	0.00	0.00	0.00	48.34	ppb
Silver	107-1	0.01	0.00	0.00	0.00	164.90	ppb
Sodium	23-2	44.75	21.54	22.91	29.73	43.81	ppb
Strontium	86-1	0.00	-0.02	-0.01	-0.01		ppb
Strontium	88-1	0.00	0.00	0.00	0.00		ppb
Sulfur	34-1	42.76	239.66	430.31	237.58	81.57	ppb
Terbium	159-1				98		%
Terbium	159-2				98		%
Thallium	203-1	0.01	0.00	0.03	0.01	129.97	ppb
Thallium	205-1	0.01	0.01	0.02	0.02	38.61	ppb
Tin	118-1	0.00	0.00	-0.05	-0.02		ppb
Titanium	47-1	-0.04	-0.08	-0.06	-0.06		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.04	-0.04	-0.04		ppb
Yttrium	89-1				99		%
Yttrium	89-2				98		%
Zinc	66-2	0.22	0.03	0.45	0.23	91.40	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:58:50	DataFile Name :	015CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.07	0.03	0.05	41.28	ppb
Zirconium	91-1	0.09	0.06	0.04	0.06	34.18	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : ICSA01 Instrumnet Name : P8
 Client Sample ID : ICSA01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 14:02:11 DataFile Name : 016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	89352.01	89214.15	90524.12	89696.76	0.80	ppb
Antimony	121-1	1.13	1.22	1.15	1.17	4.09	ppb
Arsenic	75-2	0.36	0.42	0.27	0.35	21.69	ppb
Barium	135-1	1.36	1.56	1.40	1.44	7.49	ppb
Barium	137-1	1.45	1.58	1.68	1.57	7.26	ppb
Beryllium	9-1	0.30	0.39	0.27	0.32	19.09	ppb
Bismuth	209-1				96		%
Bismuth	209-2				91		%
Boron	10-1	9.38	8.02	9.38	8.93	8.80	ppb
Boron	11-1	9.10	8.41	9.08	8.86	4.47	ppb
Cadmium	111-1	0.25	0.42	0.37	0.35	24.92	ppb
Cadmium	106-1	-0.98	1.00	-0.76	-0.25		ppb
Cadmium	108-1	9.65	10.35	9.34	9.78	5.27	ppb
Calcium	43-1	92571.17	92908.14	94354.08	93277.80	1.02	ppb
Calcium	44-1	91500.28	91397.37	93841.51	92246.38	1.50	ppb
Chromium	52-2	18.17	19.65	19.58	19.13	4.36	ppb
Cobalt	59-2	1.04	1.12	1.16	1.11	5.60	ppb
Copper	63-2	7.35	7.27	7.67	7.43	2.82	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				97		%
Indium	115-1				97		%
Indium	115-2				93		%
Iron	56-2	100234.37	100573.50	102798.64	101202.17	1.38	ppb
Iron	57-2	98226.29	98909.34	101581.00	99572.21	1.78	ppb
Krypton	83-1						cps
Lead	206-1	4.80	4.84	4.74	4.80	1.08	ppb
Lead	207-1	4.17	4.00	4.15	4.11	2.33	ppb
Lead	208-1	4.45	4.38	4.36	4.40	1.07	ppb
Lithium	6-1				96		%
Magnesium	24-2	97727.65	98579.84	100183.86	98830.45	1.26	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:02:11	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7.06	7.67	6.81	7.18	6.13	ppb
Molybdenum	94-1	1368.18	1380.00	1401.06	1383.08	1.20	ppb
Molybdenum	95-1	1935.42	1937.22	1964.72	1945.79	0.84	ppb
Molybdenum	96-1	1864.12	1877.12	1887.37	1876.20	0.62	ppb
Molybdenum	97-1	1960.95	1970.33	1963.48	1964.92	0.25	ppb
Molybdenum	98-1	1930.17	1927.61	1934.11	1930.63	0.17	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.94	5.33	5.53	5.27	5.68	ppb
Phosphorus	31-2	92400.07	93868.38	94860.06	93709.50	1.32	ppb
Potassium	39-2	95288.87	96112.39	97904.15	96435.14	1.39	ppb
Rhodium	103-1				94		%
Rhodium	103-2				92		%
Scandium	45-1				99		%
Scandium	45-2				95		%
Selenium	77-2	-4.33	-4.33	2.54	-2.04		ppb
Selenium	78-2	-0.72	-0.72	0.43	-0.34		ppb
Selenium	82-1	0.27	0.53	0.30	0.37	39.55	ppb
Silicon	28-1	32.88	32.78	33.76	33.14	1.64	ppb
Silver	109-1	0.05	0.06	0.07	0.06	13.39	ppb
Silver	107-1	0.05	0.05	0.06	0.05	15.42	ppb
Sodium	23-2	99168.37	98979.53	101391.48	99846.46	1.34	ppb
Strontium	86-1	33.68	33.56	33.36	33.53	0.48	ppb
Strontium	88-1	33.90	34.19	34.11	34.07	0.44	ppb
Sulfur	34-1	80515.26	78930.08	81422.85	80289.40	1.57	ppb
Terbium	159-1				100		%
Terbium	159-2				97		%
Thallium	203-1	0.06	0.08	0.11	0.08	33.34	ppb
Thallium	205-1	0.07	0.09	0.09	0.08	11.06	ppb
Tin	118-1	0.06	0.03	0.06	0.05	30.59	ppb
Titanium	47-1	2006.51	1994.59	2045.48	2015.53	1.32	ppb
Uranium	238-1	-0.02	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.04	0.10	0.06	0.07	50.89	ppb
Yttrium	89-1				98		%
Yttrium	89-2				95		%
Zinc	66-2	11.57	10.03	11.82	11.14	8.72	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:02:11	DataFile Name :	016ICSA01.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.70	0.63	0.51	0.61	15.96	ppb
Zirconium	91-1	0.68	0.55	0.49	0.57	17.61	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:05:26	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	91800.47	96753.73	90847.55	93133.92	3.40	ppb
Antimony	121-1	21.11	21.25	21.59	21.32	1.15	ppb
Arsenic	75-2	18.86	18.62	19.21	18.89	1.57	ppb
Barium	135-1	21.48	22.04	21.83	21.78	1.30	ppb
Barium	137-1	22.07	22.15	22.07	22.09	0.20	ppb
Beryllium	9-1	21.00	21.08	21.06	21.05	0.19	ppb
Bismuth	209-1				95		%
Bismuth	209-2				91		%
Boron	10-1	61.56	59.21	64.07	61.61	3.94	ppb
Boron	11-1	59.02	62.59	63.50	61.70	3.84	ppb
Cadmium	111-1	19.96	20.51	20.54	20.34	1.60	ppb
Cadmium	106-1	21.61	21.77	22.43	21.94	2.00	ppb
Cadmium	108-1	32.35	31.20	32.66	32.07	2.40	ppb
Calcium	43-1	94382.65	95183.64	97041.05	95535.78	1.43	ppb
Calcium	44-1	93147.15	93174.92	94311.85	93544.64	0.71	ppb
Chromium	52-2	40.86	41.61	40.81	41.09	1.09	ppb
Cobalt	59-2	21.08	21.83	20.86	21.26	2.39	ppb
Copper	63-2	27.68	29.12	27.64	28.14	3.00	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				100		%
Holmium	165-2				96		%
Indium	115-1				97		%
Indium	115-2				92		%
Iron	56-2	103928.12	107510.55	101053.82	104164.16	3.11	ppb
Iron	57-2	102665.07	106376.03	100297.00	103112.70	2.97	ppb
Krypton	83-1						cps
Lead	206-1	24.94	25.72	25.58	25.42	1.64	ppb
Lead	207-1	23.23	22.85	23.45	23.18	1.29	ppb
Lead	208-1	24.04	24.22	24.29	24.18	0.53	ppb
Lithium	6-1				95		%
Magnesium	24-2	101384.28	103927.26	98565.01	101292.18	2.65	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:05:26	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	27.85	28.68	28.19	28.24	1.48	ppb
Molybdenum	94-1	1511.02	1489.59	1496.61	1499.07	0.73	ppb
Molybdenum	95-1	2026.10	2002.81	2004.07	2010.99	0.65	ppb
Molybdenum	96-1	1944.65	1949.38	1954.60	1949.54	0.26	ppb
Molybdenum	97-1	2052.41	2020.12	2033.96	2035.50	0.80	ppb
Molybdenum	98-1	2032.53	2001.07	2003.60	2012.40	0.87	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	26.15	26.85	25.90	26.30	1.87	ppb
Phosphorus	31-2	96780.16	99046.87	96701.43	97509.49	1.37	ppb
Potassium	39-2	99047.25	102678.03	96576.09	99433.79	3.09	ppb
Rhodium	103-1				95		%
Rhodium	103-2				91		%
Scandium	45-1				98		%
Scandium	45-2				92		%
Selenium	77-2	16.02	-4.33	9.26	6.98	148.39	ppb
Selenium	78-2	18.46	12.35	21.87	17.56	27.45	ppb
Selenium	82-1	19.13	19.81	21.73	20.23	6.66	ppb
Silicon	28-1	95.45	94.89	96.16	95.50	0.67	ppb
Silver	109-1	19.07	19.66	19.47	19.40	1.55	ppb
Silver	107-1	19.15	19.26	19.37	19.26	0.59	ppb
Sodium	23-2	102978.48	106075.99	99440.62	102831.70	3.23	ppb
Strontium	86-1	83.90	83.41	82.71	83.34	0.71	ppb
Strontium	88-1	86.94	85.74	85.81	86.16	0.78	ppb
Sulfur	34-1	79044.14	80600.26	82728.55	80790.98	2.29	ppb
Terbium	159-1				100		%
Terbium	159-2				96		%
Thallium	203-1	20.23	20.48	21.10	20.60	2.16	ppb
Thallium	205-1	20.89	21.09	21.29	21.09	0.95	ppb
Tin	118-1	49.46	50.61	50.48	50.18	1.25	ppb
Titanium	47-1	2079.59	2078.32	2117.03	2091.64	1.05	ppb
Uranium	238-1	49.74	50.15	50.35	50.08	0.62	ppb
Vanadium	51-2	20.63	20.55	19.41	20.19	3.39	ppb
Yttrium	89-1				98		%
Yttrium	89-2				94		%
Zinc	66-2	34.33	34.36	32.14	33.61	3.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:05:26	DataFile Name :	017ICSB.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.62	49.55	49.68	49.62	0.13	ppb
Zirconium	91-1	49.26	49.52	49.60	49.46	0.35	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48772.92	48885.49	48851.87	48836.76	0.12	ppb
Antimony	121-1	497.59	503.93	556.91	519.48	6.27	ppb
Arsenic	75-2	487.86	485.19	483.06	485.37	0.50	ppb
Barium	135-1	2523.75	2528.01	2824.37	2625.38	6.56	ppb
Barium	137-1	2514.94	2533.40	2807.74	2618.69	6.26	ppb
Beryllium	9-1	503.96	503.01	569.61	525.52	7.27	ppb
Bismuth	209-1				91		%
Bismuth	209-2				92		%
Boron	10-1	494.95	503.96	583.75	527.55	9.26	ppb
Boron	11-1	487.62	504.54	578.06	523.41	9.19	ppb
Cadmium	111-1	486.02	494.39	547.40	509.27	6.54	ppb
Cadmium	106-1	488.79	494.51	546.17	509.82	6.20	ppb
Cadmium	108-1	487.94	490.51	551.32	509.92	7.04	ppb
Calcium	43-1	231323.90	228749.83	252039.48	237371.07	5.38	ppb
Calcium	44-1	228324.40	229392.35	251450.58	236389.11	5.52	ppb
Chromium	52-2	488.31	498.61	486.57	491.16	1.32	ppb
Cobalt	59-2	466.96	474.09	465.66	468.91	0.97	ppb
Copper	63-2	899.02	913.01	893.63	901.89	1.11	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				96		%
Holmium	165-2				99		%
Indium	115-1				93		%
Indium	115-2				96		%
Iron	56-2	122329.26	124359.52	121920.63	122869.80	1.06	ppb
Iron	57-2	122412.44	125329.26	121091.30	122944.33	1.76	ppb
Krypton	83-1						cps
Lead	206-1	508.60	502.03	550.46	520.36	5.05	ppb
Lead	207-1	500.41	506.19	556.44	521.02	5.91	ppb
Lead	208-1	505.72	507.01	554.56	522.43	5.33	ppb
Lithium	6-1				93		%
Magnesium	24-2	241398.24	246031.90	242214.24	243214.79	1.02	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	958.29	978.66	958.87	965.27	1.20	ppb
Molybdenum	94-1	2441.69	2515.19	2761.72	2572.87	6.52	ppb
Molybdenum	95-1	2451.43	2480.96	2752.53	2561.64	6.48	ppb
Molybdenum	96-1	2434.92	2474.24	2761.20	2556.79	6.97	ppb
Molybdenum	97-1	2446.76	2508.71	2742.53	2566.00	6.08	ppb
Molybdenum	98-1	2440.81	2491.61	2746.97	2559.80	6.41	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	468.08	475.69	467.11	470.29	1.00	ppb
Phosphorus	31-2	10224.69	8822.81	9210.41	9419.30	7.69	ppb
Potassium	39-2	122522.52	123090.41	123168.09	122927.01	0.29	ppb
Rhodium	103-1				91		%
Rhodium	103-2				93		%
Scandium	45-1				97		%
Scandium	45-2				102		%
Selenium	77-2	426.55	454.91	485.71	455.72	6.49	ppb
Selenium	78-2	499.96	535.16	472.34	502.49	6.27	ppb
Selenium	82-1	483.35	494.29	544.14	507.26	6.39	ppb
Silicon	28-1	537.39	534.28	610.62	560.76	7.70	ppb
Silver	109-1	497.16	495.14	558.42	516.90	6.96	ppb
Silver	107-1	492.10	503.55	548.96	514.87	5.84	ppb
Sodium	23-2	242796.81	245382.56	242521.57	243566.98	0.65	ppb
Strontium	86-1	488.02	497.01	549.71	511.58	6.51	ppb
Strontium	88-1	495.62	505.11	553.54	518.09	6.00	ppb
Sulfur	34-1	9683.49	9601.64	12091.14	10458.76	13.52	ppb
Terbium	159-1				96		%
Terbium	159-2				100		%
Thallium	203-1	508.54	510.86	549.22	522.87	4.37	ppb
Thallium	205-1	496.76	502.61	548.55	515.97	5.50	ppb
Tin	118-1	499.25	508.60	563.92	523.92	6.67	ppb
Titanium	47-1	2497.80	2471.57	2743.22	2570.86	5.83	ppb
Uranium	238-1	495.89	502.04	552.74	516.89	6.04	ppb
Vanadium	51-2	481.21	488.46	477.95	482.54	1.12	ppb
Yttrium	89-1				96		%
Yttrium	89-2				100		%
Zinc	66-2	920.73	924.39	907.59	917.57	0.96	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	498.41	500.60	554.49	517.83	6.13	ppb
Zirconium	91-1	489.19	495.29	549.39	511.29	6.48	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:41:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.07	-0.53	2.63	1.06	149.44	ppb
Antimony	121-1	0.06	0.07	0.05	0.06	11.60	ppb
Arsenic	75-2	-0.02	-0.06	-0.06	-0.05		ppb
Barium	135-1	-0.04	-0.06	-0.05	-0.05		ppb
Barium	137-1	-0.03	-0.02	-0.03	-0.03		ppb
Beryllium	9-1	0.01	0.00	-0.07	-0.02		ppb
Bismuth	209-1				97		%
Bismuth	209-2				100		%
Boron	10-1	3.32	2.59	3.42	3.11	14.50	ppb
Boron	11-1	3.02	2.92	3.05	3.00	2.41	ppb
Cadmium	111-1	-0.13	-0.09	-0.05	-0.09		ppb
Cadmium	106-1	-1.48	-0.88	-0.42	-0.93		ppb
Cadmium	108-1	0.20	0.07	0.04	0.10	80.99	ppb
Calcium	43-1	5.97	-2.44	1.23	1.59	265.64	ppb
Calcium	44-1	4.98	1.50	-1.18	1.77	174.75	ppb
Chromium	52-2	-0.07	-0.13	-0.12	-0.10		ppb
Cobalt	59-2	-0.04	-0.03	-0.04	-0.04		ppb
Copper	63-2	-0.06	-0.07	-0.02	-0.05		ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				100		%
Indium	115-1				98		%
Indium	115-2				100		%
Iron	56-2	-0.23	-0.22	-0.13	-0.20		ppb
Iron	57-2	-0.73	0.64	-1.71	-0.60		ppb
Krypton	83-1						cps
Lead	206-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	207-1	-0.03	-0.02	-0.05	-0.03		ppb
Lead	208-1	-0.02	-0.02	-0.03	-0.02		ppb
Lithium	6-1				96		%
Magnesium	24-2	3.24	3.43	1.93	2.87	28.50	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:41:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.22	-0.29	-0.15	-0.22		ppb
Molybdenum	94-1	0.18	0.15	0.11	0.14	24.60	ppb
Molybdenum	95-1	0.02	0.03	0.01	0.02	55.33	ppb
Molybdenum	96-1	0.06	0.03	0.01	0.03	80.73	ppb
Molybdenum	97-1	0.09	0.01	0.03	0.04	90.04	ppb
Molybdenum	98-1	0.04	0.02	0.01	0.02	74.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	-0.07	-0.13	-0.11		ppb
Phosphorus	31-2	25.58	0.00	0.00	8.53	173.21	ppb
Potassium	39-2	15.28	9.64	31.63	18.85	60.59	ppb
Rhodium	103-1				98		%
Rhodium	103-2				99		%
Scandium	45-1				97		%
Scandium	45-2				99		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.38	-0.72	0.36	0.01	11800.47	ppb
Selenium	82-1	-0.15	0.14	-0.56	-0.19		ppb
Silicon	28-1	2.99	-3.15	-1.31	-0.49		ppb
Silver	109-1	0.00	0.00	0.01	0.00	130.57	ppb
Silver	107-1	0.00	0.00	0.01	0.00	199.47	ppb
Sodium	23-2	36.06	24.91	29.90	30.29	18.45	ppb
Strontium	86-1	0.00	0.01	-0.04	-0.01		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	193.70	ppb
Sulfur	34-1	1133.72	188.16	343.24	555.04	91.37	ppb
Terbium	159-1				98		%
Terbium	159-2				100		%
Thallium	203-1	-0.02	-0.01	-0.01	-0.01		ppb
Thallium	205-1	-0.01	0.00	0.01	0.00		ppb
Tin	118-1	0.05	0.02	0.02	0.03	47.71	ppb
Titanium	47-1	-0.04	-0.01	-0.06	-0.03		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.04	-0.04	-0.04		ppb
Yttrium	89-1				98		%
Yttrium	89-2				100		%
Zinc	66-2	0.31	0.12	0.09	0.17	67.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:41:43	DataFile Name :	019CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.03	0.03	0.04	35.14	ppb
Zirconium	91-1	0.05	0.04	0.07	0.05	29.14	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.42	20.15	24.67	22.75	10.25	ppb
Antimony	121-1	1.91	2.12	1.92	1.98	5.96	ppb
Arsenic	75-2	1.10	1.00	0.90	1.00	9.95	ppb
Barium	135-1	9.56	10.20	9.43	9.73	4.24	ppb
Barium	137-1	9.53	10.42	9.50	9.81	5.31	ppb
Beryllium	9-1	0.93	1.08	1.03	1.01	7.48	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	23.78	27.96	25.87	25.87	8.07	ppb
Boron	11-1	23.35	24.91	24.70	24.32	3.48	ppb
Cadmium	111-1	0.91	1.01	1.02	0.98	6.35	ppb
Cadmium	106-1	0.41	0.68	0.97	0.69	41.29	ppb
Cadmium	108-1	1.06	1.21	0.81	1.03	19.64	ppb
Calcium	43-1	435.43	479.36	467.60	460.80	4.93	ppb
Calcium	44-1	439.31	469.95	429.90	446.38	4.69	ppb
Chromium	52-2	2.10	1.84	1.91	1.95	6.89	ppb
Cobalt	59-2	0.95	0.84	0.93	0.91	6.29	ppb
Copper	63-2	1.85	1.92	1.85	1.87	2.19	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				98		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				100		%
Iron	56-2	50.95	49.72	49.75	50.14	1.40	ppb
Iron	57-2	50.40	51.65	53.03	51.69	2.55	ppb
Krypton	83-1						cps
Lead	206-1	0.95	0.94	0.90	0.93	3.09	ppb
Lead	207-1	0.92	1.07	0.90	0.96	9.35	ppb
Lead	208-1	0.97	1.01	0.90	0.96	5.86	ppb
Lithium	6-1				97		%
Magnesium	24-2	479.24	501.65	482.19	487.69	2.50	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.83	0.94	0.90	0.89	6.72	ppb
Molybdenum	94-1	4.88	5.01	5.02	4.97	1.56	ppb
Molybdenum	95-1	4.80	4.96	4.67	4.81	3.04	ppb
Molybdenum	96-1	4.71	5.34	4.71	4.92	7.41	ppb
Molybdenum	97-1	4.85	4.82	4.83	4.83	0.36	ppb
Molybdenum	98-1	4.57	4.99	4.97	4.85	4.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.03	1.00	1.06	1.03	2.97	ppb
Phosphorus	31-2	51.57	25.68	0.00	25.75	100.13	ppb
Potassium	39-2	510.50	531.66	489.61	510.59	4.12	ppb
Rhodium	103-1				99		%
Rhodium	103-2				100		%
Scandium	45-1				99		%
Scandium	45-2				98		%
Selenium	77-2	2.19	2.29	2.16	2.21	3.21	ppb
Selenium	78-2	1.45	8.10	2.52	4.02	88.67	ppb
Selenium	82-1	5.05	6.28	4.83	5.39	14.53	ppb
Silicon	28-1	12.15	19.21	12.10	14.48	28.25	ppb
Silver	109-1	1.02	1.00	0.98	1.00	1.86	ppb
Silver	107-1	0.98	1.12	1.02	1.04	7.23	ppb
Sodium	23-2	515.24	507.42	519.50	514.05	1.19	ppb
Strontium	86-1	0.86	1.08	0.93	0.96	11.65	ppb
Strontium	88-1	0.97	1.06	0.99	1.01	4.90	ppb
Sulfur	34-1	77.26	777.68	-188.28	222.22	224.56	ppb
Terbium	159-1				99		%
Terbium	159-2				102		%
Thallium	203-1	0.96	0.97	0.91	0.95	2.99	ppb
Thallium	205-1	1.01	1.03	0.95	1.00	3.98	ppb
Tin	118-1	4.92	5.00	5.01	4.98	1.04	ppb
Titanium	47-1	4.46	4.86	4.75	4.69	4.37	ppb
Uranium	238-1	0.90	0.89	0.88	0.89	1.15	ppb
Vanadium	51-2	4.28	4.70	4.53	4.50	4.72	ppb
Yttrium	89-1				99		%
Yttrium	89-2				99		%
Zinc	66-2	2.32	2.43	2.85	2.54	11.11	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.02	1.10	1.04	1.05	4.20	ppb
Zirconium	91-1	1.11	1.16	1.08	1.12	3.47	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48138.77	52169.94	51052.59	50453.77	4.13	ppb
Antimony	121-1	494.87	493.14	491.38	493.13	0.35	ppb
Arsenic	75-2	469.71	499.76	498.52	489.33	3.48	ppb
Barium	135-1	2511.64	2475.85	2496.50	2494.66	0.72	ppb
Barium	137-1	2493.04	2472.84	2482.18	2482.69	0.41	ppb
Beryllium	9-1	501.75	501.84	497.84	500.48	0.46	ppb
Bismuth	209-1				97		%
Bismuth	209-2				93		%
Boron	10-1	484.86	505.08	510.18	500.04	2.68	ppb
Boron	11-1	493.86	498.14	503.64	498.55	0.98	ppb
Cadmium	111-1	487.42	477.03	480.24	481.57	1.10	ppb
Cadmium	106-1	491.09	477.68	494.02	487.59	1.79	ppb
Cadmium	108-1	492.50	484.58	483.18	486.75	1.03	ppb
Calcium	43-1	225769.83	225252.16	227445.60	226155.86	0.51	ppb
Calcium	44-1	224936.80	225114.75	227227.03	225759.53	0.56	ppb
Chromium	52-2	483.23	522.83	517.00	507.69	4.21	ppb
Cobalt	59-2	464.22	497.09	487.99	483.10	3.51	ppb
Copper	63-2	891.52	958.07	947.19	932.26	3.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				102		%
Holmium	165-2				99		%
Indium	115-1				98		%
Indium	115-2				96		%
Iron	56-2	121524.21	130550.60	128739.97	126938.26	3.76	ppb
Iron	57-2	121451.84	130944.49	127932.72	126776.35	3.83	ppb
Krypton	83-1						cps
Lead	206-1	506.62	500.45	504.56	503.88	0.62	ppb
Lead	207-1	501.32	494.44	505.55	500.44	1.12	ppb
Lead	208-1	505.34	500.87	504.14	503.45	0.46	ppb
Lithium	6-1				97		%
Magnesium	24-2	235374.79	255970.60	254190.69	248512.02	4.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	950.41	1015.08	1012.26	992.58	3.68	ppb
Molybdenum	94-1	2458.74	2473.50	2449.56	2460.60	0.49	ppb
Molybdenum	95-1	2448.96	2437.91	2446.01	2444.29	0.23	ppb
Molybdenum	96-1	2449.22	2437.39	2444.86	2443.82	0.24	ppb
Molybdenum	97-1	2459.49	2489.22	2457.25	2468.65	0.72	ppb
Molybdenum	98-1	2439.06	2449.37	2434.32	2440.92	0.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	465.00	496.94	492.48	484.81	3.57	ppb
Phosphorus	31-2	9168.80	10411.89	9791.15	9790.61	6.35	ppb
Potassium	39-2	119550.14	130842.74	125337.58	125243.49	4.51	ppb
Rhodium	103-1				96		%
Rhodium	103-2				92		%
Scandium	45-1				102		%
Scandium	45-2				99		%
Selenium	77-2	374.22	474.85	414.40	421.16	12.03	ppb
Selenium	78-2	474.75	560.62	544.39	526.59	8.66	ppb
Selenium	82-1	477.78	484.73	482.69	481.73	0.74	ppb
Silicon	28-1	524.51	526.58	530.76	527.29	0.60	ppb
Silver	109-1	492.52	479.45	482.92	484.96	1.40	ppb
Silver	107-1	495.67	491.10	488.59	491.79	0.73	ppb
Sodium	23-2	236994.74	256010.28	251469.86	248158.29	4.00	ppb
Strontium	86-1	485.66	488.93	487.41	487.33	0.34	ppb
Strontium	88-1	495.00	493.16	493.07	493.74	0.22	ppb
Sulfur	34-1	9596.72	9500.00	9680.20	9592.31	0.94	ppb
Terbium	159-1				102		%
Terbium	159-2				100		%
Thallium	203-1	503.49	488.79	500.01	497.43	1.54	ppb
Thallium	205-1	499.02	493.64	498.18	496.95	0.58	ppb
Tin	118-1	497.01	489.17	490.28	492.15	0.86	ppb
Titanium	47-1	2448.90	2419.66	2474.92	2447.83	1.13	ppb
Uranium	238-1	502.05	497.29	499.31	499.55	0.48	ppb
Vanadium	51-2	475.79	509.37	505.93	497.03	3.72	ppb
Yttrium	89-1				101		%
Yttrium	89-2				100		%
Zinc	66-2	911.54	989.65	964.24	955.14	4.17	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.21	500.43	494.85	497.17	0.59	ppb
Zirconium	91-1	488.84	488.94	485.22	487.67	0.43	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.47	-0.58	-0.56	0.44	394.85	ppb
Antimony	121-1	0.70	0.71	0.61	0.67	7.81	ppb
Arsenic	75-2	0.01	-0.04	0.01	-0.01		ppb
Barium	135-1	-0.01	0.00	-0.03	-0.01		ppb
Barium	137-1	-0.01	0.02	0.02	0.01	148.44	ppb
Beryllium	9-1	0.08	0.11	0.06	0.09	27.84	ppb
Bismuth	209-1				99		%
Bismuth	209-2				101		%
Boron	10-1	11.50	11.30	10.01	10.94	7.42	ppb
Boron	11-1	11.48	10.37	9.82	10.55	8.02	ppb
Cadmium	111-1	0.01	-0.04	-0.06	-0.03		ppb
Cadmium	106-1	0.29	-0.61	-0.74	-0.35		ppb
Cadmium	108-1	0.11	-0.04	0.00	0.02	321.16	ppb
Calcium	43-1	8.13	7.86	-4.16	3.94	177.89	ppb
Calcium	44-1	4.61	6.40	4.03	5.02	24.64	ppb
Chromium	52-2	0.02	-0.21	-0.07	-0.08		ppb
Cobalt	59-2	-0.03	-0.04	-0.02	-0.03		ppb
Copper	63-2	-0.01	-0.06	-0.06	-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				100		%
Holmium	165-2				103		%
Indium	115-1				101		%
Indium	115-2				103		%
Iron	56-2	2.45	2.48	2.15	2.36	7.84	ppb
Iron	57-2	1.41	4.58	1.00	2.33	84.19	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.00	0.02	0.01	173.03	ppb
Lead	207-1	-0.01	0.00	-0.01	-0.01		ppb
Lead	208-1	-0.01	-0.01	0.00	-0.01		ppb
Lithium	6-1				101		%
Magnesium	24-2	6.20	3.73	7.53	5.82	33.10	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.16	-0.26	-0.15	-0.19		ppb
Molybdenum	94-1	0.67	0.76	0.69	0.71	6.59	ppb
Molybdenum	95-1	0.69	0.63	0.55	0.62	11.28	ppb
Molybdenum	96-1	0.69	0.70	0.57	0.65	11.15	ppb
Molybdenum	97-1	0.72	0.62	0.55	0.63	14.08	ppb
Molybdenum	98-1	0.65	0.61	0.59	0.61	4.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.10	-0.04	-0.08		ppb
Phosphorus	31-2	0.00	0.00	24.81	8.27	173.21	ppb
Potassium	39-2	22.11	34.86	38.36	31.78	26.91	ppb
Rhodium	103-1				101		%
Rhodium	103-2				102		%
Scandium	45-1				102		%
Scandium	45-2				102		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	1.40	3.53	1.40	151.12	ppb
Selenium	82-1	-0.12	-0.04	0.14	-0.01		ppb
Silicon	28-1	-3.82	-3.10	-2.56	-3.16		ppb
Silver	109-1	0.02	0.03	0.03	0.02	23.90	ppb
Silver	107-1	0.01	0.02	0.03	0.02	36.09	ppb
Sodium	23-2	52.97	53.19	53.61	53.26	0.61	ppb
Strontium	86-1	-0.01	-0.03	-0.07	-0.04		ppb
Strontium	88-1	0.01	0.00	0.00	0.00	82.01	ppb
Sulfur	34-1	-380.86	-167.93	-298.05	-282.28		ppb
Terbium	159-1				101		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.07	0.10	0.08	24.53	ppb
Thallium	205-1	0.07	0.10	0.09	0.08	17.19	ppb
Tin	118-1	0.24	0.26	0.29	0.26	9.08	ppb
Titanium	47-1	-0.03	0.01	0.00	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.02	-0.04	-0.03		ppb
Yttrium	89-1				102		%
Yttrium	89-2				102		%
Zinc	66-2	0.07	0.04	0.05	0.05	30.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.19	0.16	0.18	0.18	6.06	ppb
Zirconium	91-1	0.14	0.17	0.12	0.14	18.99	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.20	2.53	2.61	2.12	37.41	ppb
Antimony	121-1	0.19	0.22	0.21	0.21	7.17	ppb
Arsenic	75-2	-0.01	0.06	-0.06	-0.01		ppb
Barium	135-1	-0.05	-0.02	-0.05	-0.04		ppb
Barium	137-1	-0.02	-0.01	-0.02	-0.02		ppb
Beryllium	9-1	0.00	0.00	-0.01	0.00		ppb
Bismuth	209-1				99		%
Bismuth	209-2				98		%
Boron	10-1	5.19	5.55	5.64	5.46	4.36	ppb
Boron	11-1	6.41	6.51	5.17	6.03	12.37	ppb
Cadmium	111-1	-0.07	-0.06	0.07	-0.02		ppb
Cadmium	106-1	-0.86	-0.66	1.12	-0.13		ppb
Cadmium	108-1	0.00	0.03	0.00	0.01	172.91	ppb
Calcium	43-1	9.10	-1.53	2.16	3.24	166.27	ppb
Calcium	44-1	1.31	3.94	1.08	2.11	75.55	ppb
Chromium	52-2	-0.01	-0.02	-0.08	-0.04		ppb
Cobalt	59-2	-0.04	-0.02	-0.05	-0.04		ppb
Copper	63-2	-0.01	-0.06	-0.03	-0.03		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				101		%
Indium	115-2				98		%
Iron	56-2	1.03	0.96	0.58	0.86	28.72	ppb
Iron	57-2	-2.05	1.96	0.66	0.19	1072.64	ppb
Krypton	83-1						cps
Lead	206-1	0.01	-0.02	-0.02	-0.01		ppb
Lead	207-1	0.00	-0.03	-0.02	-0.02		ppb
Lead	208-1	-0.01	-0.02	-0.02	-0.02		ppb
Lithium	6-1				101		%
Magnesium	24-2	1.99	6.98	6.27	5.08	53.13	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.26	-0.05	-0.22	-0.18		ppb
Molybdenum	94-1	0.33	0.35	0.44	0.37	15.97	ppb
Molybdenum	95-1	0.21	0.16	0.19	0.19	11.83	ppb
Molybdenum	96-1	0.24	0.26	0.22	0.24	8.27	ppb
Molybdenum	97-1	0.20	0.23	0.25	0.23	10.14	ppb
Molybdenum	98-1	0.19	0.25	0.23	0.22	12.46	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.08	0.02	-0.05		ppb
Phosphorus	31-2	0.00	24.92	50.75	25.22	100.60	ppb
Potassium	39-2	60.75	36.01	28.05	41.60	41.00	ppb
Rhodium	103-1				102		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				98		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.15	-0.19	0.35	0.11	259.63	ppb
Silicon	28-1	-3.66	-3.49	-2.64	-3.26		ppb
Silver	109-1	0.00	0.01	0.02	0.01	98.76	ppb
Silver	107-1	0.01	0.00	0.01	0.01	87.14	ppb
Sodium	23-2	46.36	42.65	44.63	44.55	4.17	ppb
Strontium	86-1	-0.01	0.00	-0.06	-0.02		ppb
Strontium	88-1	0.00	0.00	0.00	0.00	285.37	ppb
Sulfur	34-1	-276.81	-130.61	-182.34	-196.59		ppb
Terbium	159-1				101		%
Terbium	159-2				99		%
Thallium	203-1	0.03	0.01	0.02	0.02	38.47	ppb
Thallium	205-1	0.03	0.04	0.05	0.04	23.51	ppb
Tin	118-1	0.12	0.80	0.09	0.34	119.95	ppb
Titanium	47-1	-0.06	-0.08	-0.02	-0.05		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.02	-0.02	-0.02		ppb
Yttrium	89-1				102		%
Yttrium	89-2				99		%
Zinc	66-2	0.00	0.14	0.06	0.07	106.43	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.09	0.10	9.58	ppb
Zirconium	91-1	0.14	0.07	0.07	0.09	45.31	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9361.03	9285.30	9543.44	9396.59	1.41	ppb
Antimony	121-1	494.36	545.54	516.99	518.96	4.94	ppb
Arsenic	75-2	481.00	473.59	486.45	480.35	1.34	ppb
Barium	135-1	2491.85	2725.42	2586.05	2601.11	4.52	ppb
Barium	137-1	2482.16	2732.68	2549.92	2588.26	5.01	ppb
Beryllium	9-1	488.73	535.97	501.97	508.89	4.79	ppb
Bismuth	209-1				98		%
Bismuth	209-2				101		%
Boron	10-1	455.55	524.14	496.44	492.04	7.01	ppb
Boron	11-1	456.21	517.11	497.94	490.42	6.35	ppb
Cadmium	111-1	496.02	545.24	509.30	516.85	4.93	ppb
Cadmium	106-1	493.47	544.34	511.70	516.50	4.99	ppb
Cadmium	108-1	499.99	545.83	518.85	521.56	4.42	ppb
Calcium	43-1	45957.11	50647.40	47627.76	48077.42	4.94	ppb
Calcium	44-1	46054.46	50350.55	47521.58	47975.53	4.55	ppb
Chromium	52-2	475.98	474.96	478.72	476.55	0.41	ppb
Cobalt	59-2	477.89	471.85	478.74	476.16	0.79	ppb
Copper	63-2	946.64	943.61	948.75	946.33	0.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				104		%
Indium	115-1				99		%
Indium	115-2				102		%
Iron	56-2	25062.29	24851.57	25189.99	25034.61	0.68	ppb
Iron	57-2	24577.03	24437.73	24715.56	24576.77	0.57	ppb
Krypton	83-1						cps
Lead	206-1	488.43	544.18	511.07	514.56	5.45	ppb
Lead	207-1	483.04	543.07	512.92	513.01	5.85	ppb
Lead	208-1	486.95	545.10	511.44	514.50	5.68	ppb
Lithium	6-1				99		%
Magnesium	24-2	49654.69	49319.05	50095.73	49689.82	0.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.05	962.03	981.60	970.23	1.05	ppb
Molybdenum	94-1	2404.27	2678.98	2518.67	2533.97	5.45	ppb
Molybdenum	95-1	2392.65	2687.31	2489.12	2523.03	5.95	ppb
Molybdenum	96-1	2421.67	2667.68	2483.41	2524.25	5.07	ppb
Molybdenum	97-1	2401.43	2664.91	2507.01	2524.45	5.25	ppb
Molybdenum	98-1	2406.07	2664.07	2488.06	2519.40	5.23	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	474.81	473.48	482.29	476.86	1.00	ppb
Phosphorus	31-2	9759.53	9246.54	10004.79	9670.29	4.00	ppb
Potassium	39-2	24062.98	23804.42	24046.24	23971.21	0.60	ppb
Rhodium	103-1				98		%
Rhodium	103-2				100		%
Scandium	45-1				101		%
Scandium	45-2				104		%
Selenium	77-2	454.95	474.35	473.02	467.44	2.32	ppb
Selenium	78-2	495.94	481.23	500.84	492.67	2.07	ppb
Selenium	82-1	481.48	534.96	505.53	507.32	5.28	ppb
Silicon	28-1	518.45	575.82	542.04	545.43	5.29	ppb
Silver	109-1	503.67	554.09	515.42	524.40	5.03	ppb
Silver	107-1	504.21	557.04	521.48	527.58	5.11	ppb
Sodium	23-2	49217.98	49402.85	49495.76	49372.20	0.29	ppb
Strontium	86-1	481.42	533.53	496.90	503.95	5.31	ppb
Strontium	88-1	487.52	540.30	504.38	510.74	5.28	ppb
Sulfur	34-1	9174.08	11570.93	9945.48	10230.16	11.96	ppb
Terbium	159-1				101		%
Terbium	159-2				105		%
Thallium	203-1	487.90	546.91	506.91	513.91	5.86	ppb
Thallium	205-1	483.42	538.41	501.99	507.94	5.51	ppb
Tin	118-1	495.59	546.48	518.28	520.12	4.90	ppb
Titanium	47-1	2452.46	2695.32	2521.79	2556.52	4.89	ppb
Uranium	238-1	475.24	525.92	492.57	497.91	5.17	ppb
Vanadium	51-2	479.77	479.65	486.08	481.83	0.76	ppb
Yttrium	89-1				101		%
Yttrium	89-2				104		%
Zinc	66-2	959.20	947.73	968.15	958.36	1.07	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.70	536.35	505.04	509.70	4.84	ppb
Zirconium	91-1	478.11	530.73	499.90	502.91	5.26	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	24.05	24.37	24.29	24.24	0.68	ppb
Antimony	121-1	3.06	2.54	2.40	2.67	12.94	ppb
Arsenic	75-2	0.59	0.63	0.69	0.64	8.22	ppb
Barium	135-1	50.54	48.93	49.18	49.55	1.74	ppb
Barium	137-1	51.34	50.97	51.45	51.25	0.49	ppb
Beryllium	9-1	0.18	0.09	0.17	0.15	34.43	ppb
Bismuth	209-1				98		%
Bismuth	209-2				85		%
Boron	10-1	544.91	540.14	549.38	544.81	0.85	ppb
Boron	11-1	541.05	545.61	550.43	545.70	0.86	ppb
Cadmium	111-1	0.30	0.27	0.08	0.22	53.61	ppb
Cadmium	106-1	-0.58	-0.72	-2.13	-1.15		ppb
Cadmium	108-1	0.65	0.34	0.61	0.53	31.43	ppb
Calcium	43-1	476059.04	468880.94	463783.41	469574.46	1.31	ppb
Calcium	44-1	476702.27	471930.97	466343.33	471658.86	1.10	ppb
Chromium	52-2	4.11	4.02	3.36	3.83	10.74	ppb
Cobalt	59-2	6.83	7.16	7.02	7.00	2.31	ppb
Copper	63-2	3.38	3.56	3.66	3.53	4.09	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				97		%
Holmium	165-2				89		%
Indium	115-1				92		%
Indium	115-2				79		%
Iron	56-2	16332.78	16420.13	16105.95	16286.29	1.00	ppb
Iron	57-2	15660.97	15822.84	15942.65	15808.82	0.89	ppb
Krypton	83-1						cps
Lead	206-1	1.22	1.00	0.92	1.04	15.01	ppb
Lead	207-1	1.09	1.00	0.90	1.00	9.89	ppb
Lead	208-1	1.17	0.98	0.92	1.03	12.58	ppb
Lithium	6-1				95		%
Magnesium	24-2	58072.12	59414.74	57740.07	58408.98	1.52	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1932.78	1939.43	1913.23	1928.48	0.71	ppb
Molybdenum	94-1	2.87	2.58	2.12	2.52	15.05	ppb
Molybdenum	95-1	1.93	1.62	1.45	1.67	14.58	ppb
Molybdenum	96-1	2.16	1.76	1.58	1.83	16.27	ppb
Molybdenum	97-1	1.95	1.55	1.66	1.72	12.04	ppb
Molybdenum	98-1	1.81	1.57	1.47	1.62	10.98	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	74.88	77.14	75.63	75.88	1.51	ppb
Phosphorus	31-2	70.48	35.65	35.53	47.22	42.66	ppb
Potassium	39-2	2804.81	2833.21	2808.29	2815.44	0.55	ppb
Rhodium	103-1				88		%
Rhodium	103-2				81		%
Scandium	45-1				87		%
Scandium	45-2				71		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.67	-0.72	-0.72	-0.25		ppb
Selenium	82-1	6.24	7.81	7.70	7.25	12.10	ppb
Silicon	28-1	7522.52	7423.15	7299.68	7415.12	1.51	ppb
Silver	109-1	1.29	1.16	0.88	1.11	18.60	ppb
Silver	107-1	1.43	1.14	0.96	1.18	20.49	ppb
Sodium	23-2	142542.07	143512.14	142125.07	142726.43	0.50	ppb
Strontium	86-1	2784.72	2768.49	2784.74	2779.31	0.34	ppb
Strontium	88-1	2830.21	2800.63	2813.90	2814.91	0.53	ppb
Sulfur	34-1	267073.71	264057.00	258862.96	263331.22	1.58	ppb
Terbium	159-1				97		%
Terbium	159-2				89		%
Thallium	203-1	1.12	0.79	0.61	0.84	30.90	ppb
Thallium	205-1	1.12	0.77	0.57	0.82	34.09	ppb
Tin	118-1	4.76	4.57	4.79	4.70	2.54	ppb
Titanium	47-1	115.72	122.33	117.15	118.40	2.94	ppb
Uranium	238-1	5.06	5.09	5.28	5.14	2.29	ppb
Vanadium	51-2	2.71	2.48	2.71	2.63	5.10	ppb
Yttrium	89-1				91		%
Yttrium	89-2				77		%
Zinc	66-2	11.47	12.07	12.54	12.03	4.46	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.99	0.83	0.70	0.84	17.26	ppb
Zirconium	91-1	1.03	0.85	0.71	0.87	18.26	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	12.01	0.11	0.18	4.10	167.17	ppb
Antimony	121-1	0.83	0.82	0.81	0.82	1.26	ppb
Arsenic	75-2	52.30	46.90	50.60	49.93	5.53	ppb
Barium	135-1	37.66	35.35	36.23	36.41	3.20	ppb
Barium	137-1	37.98	36.67	37.11	37.25	1.80	ppb
Beryllium	9-1	0.08	0.05	0.04	0.06	30.79	ppb
Bismuth	209-1				104		%
Bismuth	209-2				91		%
Boron	10-1	44.44	41.62	43.81	43.29	3.42	ppb
Boron	11-1	44.22	39.33	38.90	40.82	7.24	ppb
Cadmium	111-1	-0.12	-0.06	-0.13	-0.10		ppb
Cadmium	106-1	-1.83	-1.44	-2.04	-1.77		ppb
Cadmium	108-1	0.30	0.07	0.14	0.17	68.25	ppb
Calcium	43-1	66734.94	65863.20	65548.72	66048.95	0.93	ppb
Calcium	44-1	66872.92	65327.33	65265.12	65821.79	1.38	ppb
Chromium	52-2	0.81	0.71	0.60	0.71	14.37	ppb
Cobalt	59-2	0.19	0.21	0.26	0.22	16.27	ppb
Copper	63-2	2.39	2.44	2.64	2.49	5.30	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				94		%
Indium	115-2				79		%
Iron	56-2	33452.21	30994.13	32082.09	32176.14	3.83	ppb
Iron	57-2	32881.57	30530.08	31721.70	31711.12	3.71	ppb
Krypton	83-1						cps
Lead	206-1	0.28	0.26	0.26	0.26	4.19	ppb
Lead	207-1	0.29	0.26	0.27	0.27	4.98	ppb
Lead	208-1	0.27	0.26	0.25	0.26	4.21	ppb
Lithium	6-1				100		%
Magnesium	24-2	8782.53	8284.68	8414.42	8493.88	3.04	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2816.08	2605.08	2694.25	2705.14	3.92	ppb
Molybdenum	94-1	0.99	0.95	0.91	0.95	4.45	ppb
Molybdenum	95-1	0.85	0.89	0.82	0.86	3.98	ppb
Molybdenum	96-1	1.02	0.85	0.95	0.94	9.29	ppb
Molybdenum	97-1	0.93	0.95	0.77	0.88	11.19	ppb
Molybdenum	98-1	0.94	0.86	0.86	0.89	4.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.57	0.31	0.40	0.43	30.43	ppb
Phosphorus	31-2	114.03	0.00	73.54	62.52	92.46	ppb
Potassium	39-2	4341.05	4070.77	4106.43	4172.75	3.52	ppb
Rhodium	103-1				92		%
Rhodium	103-2				84		%
Scandium	45-1				85		%
Scandium	45-2				69		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	2.07	-0.72	0.21	756.26	ppb
Selenium	82-1	1.03	0.69	0.50	0.74	36.29	ppb
Silicon	28-1	10791.88	10593.86	10512.66	10632.80	1.35	ppb
Silver	109-1	0.36	0.28	0.26	0.30	16.80	ppb
Silver	107-1	0.29	0.27	0.29	0.29	4.09	ppb
Sodium	23-2	4272.37	3983.65	4096.22	4117.42	3.53	ppb
Strontium	86-1	223.87	221.77	218.69	221.44	1.18	ppb
Strontium	88-1	230.03	222.38	224.40	225.60	1.76	ppb
Sulfur	34-1	-484.50	-797.13	-931.97	-737.87		ppb
Terbium	159-1				101		%
Terbium	159-2				89		%
Thallium	203-1	0.03	0.05	0.03	0.04	29.81	ppb
Thallium	205-1	0.04	0.03	0.04	0.04	23.92	ppb
Tin	118-1	2.51	2.31	2.45	2.42	4.17	ppb
Titanium	47-1	0.96	1.03	0.93	0.97	5.37	ppb
Uranium	238-1	0.05	0.06	0.04	0.05	14.21	ppb
Vanadium	51-2	0.18	0.20	0.21	0.20	9.89	ppb
Yttrium	89-1				92		%
Yttrium	89-2				76		%
Zinc	66-2	8.34	7.47	9.56	8.46	12.42	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.22	0.25	0.17	0.21	17.05	ppb
Zirconium	91-1	0.28	0.22	0.30	0.26	15.02	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.53	7.11	0.16	3.27	108.27	ppb
Antimony	121-1	0.69	0.71	0.67	0.69	3.30	ppb
Arsenic	75-2	48.96	47.99	47.60	48.18	1.45	ppb
Barium	135-1	34.16	38.68	35.03	35.95	6.68	ppb
Barium	137-1	35.69	39.22	35.42	36.77	5.76	ppb
Beryllium	9-1	0.03	0.02	-0.03	0.01	429.05	ppb
Bismuth	209-1				101		%
Bismuth	209-2				88		%
Boron	10-1	28.60	31.51	26.65	28.92	8.45	ppb
Boron	11-1	27.51	29.96	26.03	27.83	7.14	ppb
Cadmium	111-1	-0.06	-0.14	-0.08	-0.09		ppb
Cadmium	106-1	-1.12	-2.15	-1.40	-1.56		ppb
Cadmium	108-1	0.00	-0.07	0.22	0.05	311.78	ppb
Calcium	43-1	63532.85	68736.01	63170.43	65146.43	4.78	ppb
Calcium	44-1	63542.98	68864.57	63069.52	65159.02	4.94	ppb
Chromium	52-2	0.60	0.50	0.43	0.51	16.08	ppb
Cobalt	59-2	0.25	0.21	0.21	0.22	9.57	ppb
Copper	63-2	5.46	5.29	5.20	5.32	2.48	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				97		%
Holmium	165-2				87		%
Indium	115-1				90		%
Indium	115-2				77		%
Iron	56-2	31608.27	31483.31	30884.56	31325.38	1.23	ppb
Iron	57-2	30873.06	31633.58	30409.24	30971.96	2.00	ppb
Krypton	83-1						cps
Lead	206-1	0.48	0.56	0.46	0.50	10.93	ppb
Lead	207-1	0.47	0.51	0.50	0.49	4.23	ppb
Lead	208-1	0.47	0.53	0.48	0.49	6.85	ppb
Lithium	6-1				97		%
Magnesium	24-2	8372.77	8226.51	8266.32	8288.54	0.91	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2687.44	2685.42	2613.66	2662.17	1.58	ppb
Molybdenum	94-1	0.88	0.87	0.84	0.86	2.21	ppb
Molybdenum	95-1	0.62	0.67	0.65	0.65	3.72	ppb
Molybdenum	96-1	0.72	0.80	0.67	0.73	8.91	ppb
Molybdenum	97-1	0.67	0.72	0.64	0.68	6.49	ppb
Molybdenum	98-1	0.66	0.68	0.50	0.61	16.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	6.42	7.23	6.51	6.72	6.61	ppb
Phosphorus	31-2	0.00	0.00	72.87	24.29	173.21	ppb
Potassium	39-2	4067.30	4016.94	3892.29	3992.18	2.26	ppb
Rhodium	103-1				88		%
Rhodium	103-2				83		%
Scandium	45-1				82		%
Scandium	45-2				68		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	0.73	-0.72	-0.23		ppb
Selenium	82-1	0.61	-0.05	-0.19	0.12	341.43	ppb
Silicon	28-1	10309.31	11240.51	10225.81	10591.87	5.32	ppb
Silver	109-1	0.18	0.19	0.17	0.18	6.91	ppb
Silver	107-1	0.20	0.18	0.15	0.18	16.57	ppb
Sodium	23-2	3877.43	3834.09	3809.46	3840.33	0.90	ppb
Strontium	86-1	213.47	232.20	210.44	218.70	5.39	ppb
Strontium	88-1	217.69	238.30	215.16	223.72	5.68	ppb
Sulfur	34-1	-1167.40	216.92	-1250.72	-733.74		ppb
Terbium	159-1				97		%
Terbium	159-2				88		%
Thallium	203-1	-0.02	0.00	-0.01	-0.01		ppb
Thallium	205-1	0.00	0.00	-0.01	0.00		ppb
Tin	118-1	2.07	2.51	2.25	2.27	9.81	ppb
Titanium	47-1	1.00	1.25	0.84	1.03	20.08	ppb
Uranium	238-1	0.03	0.04	0.03	0.04	14.56	ppb
Vanadium	51-2	0.19	0.18	0.18	0.18	4.12	ppb
Yttrium	89-1				88		%
Yttrium	89-2				74		%
Zinc	66-2	14.91	16.71	15.74	15.79	5.71	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.20	0.20	0.18	0.19	6.28	ppb
Zirconium	91-1	0.23	0.28	0.24	0.25	10.83	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.29	7.00	9.45	7.91	16.89	ppb
Antimony	121-1	0.62	0.64	0.76	0.68	10.79	ppb
Arsenic	75-2	0.36	0.52	0.73	0.54	34.41	ppb
Barium	135-1	11.57	11.75	12.04	11.79	2.03	ppb
Barium	137-1	11.71	11.39	12.22	11.78	3.57	ppb
Beryllium	9-1	0.01	0.01	0.03	0.02	43.24	ppb
Bismuth	209-1				105		%
Bismuth	209-2				87		%
Boron	10-1	26.10	24.67	23.44	24.73	5.38	ppb
Boron	11-1	23.38	23.78	24.98	24.04	3.47	ppb
Cadmium	111-1	-0.08	-0.02	-0.07	-0.05		ppb
Cadmium	106-1	-1.22	-0.82	-0.99	-1.01		ppb
Cadmium	108-1	-0.04	0.07	0.19	0.07	152.45	ppb
Calcium	43-1	30169.71	30155.08	31192.42	30505.74	1.95	ppb
Calcium	44-1	30083.38	29847.75	31089.64	30340.25	2.17	ppb
Chromium	52-2	0.44	0.32	0.38	0.38	16.20	ppb
Cobalt	59-2	3.01	2.86	3.11	3.00	4.21	ppb
Copper	63-2	2.91	2.93	2.82	2.89	2.12	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				101		%
Holmium	165-2				88		%
Indium	115-1				94		%
Indium	115-2				77		%
Iron	56-2	49.48	46.36	46.32	47.38	3.83	ppb
Iron	57-2	45.32	48.57	50.78	48.22	5.70	ppb
Krypton	83-1						cps
Lead	206-1	2.21	2.25	2.41	2.29	4.62	ppb
Lead	207-1	2.01	2.13	2.25	2.13	5.81	ppb
Lead	208-1	2.13	2.22	2.29	2.21	3.51	ppb
Lithium	6-1				100		%
Magnesium	24-2	8954.21	8744.29	8723.13	8807.21	1.45	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6117.74	5930.19	5980.90	6009.61	1.61	ppb
Molybdenum	94-1	0.49	0.45	0.48	0.47	3.79	ppb
Molybdenum	95-1	0.39	0.40	0.46	0.42	8.34	ppb
Molybdenum	96-1	0.37	0.41	0.38	0.39	5.70	ppb
Molybdenum	97-1	0.39	0.38	0.44	0.41	8.27	ppb
Molybdenum	98-1	0.39	0.42	0.44	0.42	5.77	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.37	4.30	4.34	4.34	0.81	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	2806.15	2561.24	2600.49	2655.96	4.95	ppb
Rhodium	103-1				92		%
Rhodium	103-2				82		%
Scandium	45-1				85		%
Scandium	45-2				68		%
Selenium	77-2	4.42	-4.33	-4.33	-1.41		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.52	0.37	-0.70	0.06	1056.63	ppb
Silicon	28-1	9522.66	9483.46	9808.99	9605.03	1.85	ppb
Silver	109-1	0.15	0.14	0.17	0.15	10.05	ppb
Silver	107-1	0.13	0.14	0.15	0.14	8.51	ppb
Sodium	23-2	4731.83	4593.02	4605.58	4643.48	1.65	ppb
Strontium	86-1	161.42	161.97	168.44	163.95	2.38	ppb
Strontium	88-1	165.75	166.87	172.45	168.36	2.13	ppb
Sulfur	34-1	-389.76	-596.90	-83.33	-356.66		ppb
Terbium	159-1				100		%
Terbium	159-2				88		%
Thallium	203-1	-0.03	-0.02	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.01	-0.02		ppb
Tin	118-1	2.14	2.05	2.29	2.16	5.56	ppb
Titanium	47-1	0.67	0.65	0.71	0.68	4.39	ppb
Uranium	238-1	0.12	0.11	0.12	0.11	4.29	ppb
Vanadium	51-2	0.01	0.13	0.03	0.06	105.87	ppb
Yttrium	89-1				91		%
Yttrium	89-2				74		%
Zinc	66-2	7.51	7.74	6.68	7.31	7.65	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.10	0.08	0.12	0.10	19.63	ppb
Zirconium	91-1	0.17	0.13	0.09	0.13	31.61	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.97	10.18	2.66	5.93	64.90	ppb
Antimony	121-1	0.80	0.66	0.79	0.75	10.27	ppb
Arsenic	75-2	0.67	0.63	0.84	0.71	15.67	ppb
Barium	135-1	12.31	11.92	12.43	12.22	2.17	ppb
Barium	137-1	12.32	12.50	12.05	12.29	1.84	ppb
Beryllium	9-1	0.22	0.15	0.22	0.20	19.98	ppb
Bismuth	209-1				102		%
Bismuth	209-2				83		%
Boron	10-1	22.79	23.52	24.22	23.51	3.03	ppb
Boron	11-1	23.84	23.63	22.96	23.47	1.96	ppb
Cadmium	111-1	-0.04	-0.08	0.02	-0.04		ppb
Cadmium	106-1	-2.21	-2.35	-1.39	-1.98		ppb
Cadmium	108-1	0.15	0.19	0.26	0.20	28.07	ppb
Calcium	43-1	31334.07	31292.69	31535.83	31387.53	0.41	ppb
Calcium	44-1	31214.04	31423.95	31610.61	31416.20	0.63	ppb
Chromium	52-2	0.49	0.71	0.47	0.56	23.45	ppb
Cobalt	59-2	3.32	3.48	3.28	3.36	3.24	ppb
Copper	63-2	2.98	3.11	2.54	2.87	10.41	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				84		%
Indium	115-1				92		%
Indium	115-2				74		%
Iron	56-2	46.46	50.28	48.06	48.27	3.97	ppb
Iron	57-2	54.02	58.76	45.95	52.91	12.24	ppb
Krypton	83-1						cps
Lead	206-1	0.34	0.38	0.37	0.36	5.07	ppb
Lead	207-1	0.34	0.35	0.31	0.33	5.33	ppb
Lead	208-1	0.34	0.36	0.35	0.35	2.93	ppb
Lithium	6-1				99		%
Magnesium	24-2	9038.66	9491.33	9256.96	9262.32	2.44	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6173.97	6398.90	6236.33	6269.73	1.85	ppb
Molybdenum	94-1	0.56	0.53	0.45	0.51	11.83	ppb
Molybdenum	95-1	0.45	0.44	0.52	0.47	8.75	ppb
Molybdenum	96-1	0.49	0.51	0.45	0.48	5.82	ppb
Molybdenum	97-1	0.45	0.40	0.53	0.46	13.75	ppb
Molybdenum	98-1	0.50	0.48	0.49	0.49	1.91	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	4.62	4.63	5.04	4.76	5.10	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	2682.15	2956.75	2806.84	2815.24	4.88	ppb
Rhodium	103-1				91		%
Rhodium	103-2				79		%
Scandium	45-1				83		%
Scandium	45-2				65		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	0.83	0.83	0.31	285.50	ppb
Selenium	82-1	0.14	0.99	0.67	0.60	72.16	ppb
Silicon	28-1	9857.32	9943.49	9906.52	9902.44	0.44	ppb
Silver	109-1	0.09	0.11	0.12	0.11	13.90	ppb
Silver	107-1	0.09	0.10	0.10	0.10	8.56	ppb
Sodium	23-2	4785.05	4969.70	4803.17	4852.64	2.10	ppb
Strontium	86-1	167.49	168.70	166.84	167.68	0.56	ppb
Strontium	88-1	173.48	172.49	170.46	172.14	0.89	ppb
Sulfur	34-1	-166.49	-137.87	-62.54	-122.30		ppb
Terbium	159-1				99		%
Terbium	159-2				84		%
Thallium	203-1	0.15	0.12	0.11	0.13	16.76	ppb
Thallium	205-1	0.13	0.15	0.12	0.13	8.84	ppb
Tin	118-1	1.87	1.86	1.94	1.89	2.36	ppb
Titanium	47-1	0.66	0.63	0.82	0.70	14.09	ppb
Uranium	238-1	0.33	0.38	0.34	0.35	6.77	ppb
Vanadium	51-2	0.13	0.15	0.21	0.16	25.59	ppb
Yttrium	89-1				90		%
Yttrium	89-2				71		%
Zinc	66-2	7.22	9.10	7.93	8.08	11.71	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.10	0.10	0.10	3.42	ppb
Zirconium	91-1	0.10	0.07	0.11	0.10	21.08	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.25	-0.01	3.98	2.07	96.37	ppb
Antimony	121-1	0.13	0.13	0.14	0.13	4.04	ppb
Arsenic	75-2	0.09	0.08	0.02	0.07	55.70	ppb
Barium	135-1	2.13	2.59	2.19	2.30	10.74	ppb
Barium	137-1	2.38	2.36	2.41	2.39	1.06	ppb
Beryllium	9-1	0.05	0.03	0.06	0.05	24.15	ppb
Bismuth	209-1				108		%
Bismuth	209-2				93		%
Boron	10-1	10.62	9.92	11.30	10.61	6.51	ppb
Boron	11-1	9.83	10.38	10.24	10.15	2.80	ppb
Cadmium	111-1	-0.15	-0.05	-0.11	-0.10		ppb
Cadmium	106-1	-2.29	-0.98	-1.74	-1.67		ppb
Cadmium	108-1	0.07	0.03	0.00	0.03	112.66	ppb
Calcium	43-1	6045.01	6090.11	5931.61	6022.24	1.36	ppb
Calcium	44-1	6170.06	6173.39	6187.76	6177.07	0.15	ppb
Chromium	52-2	0.15	0.14	0.13	0.14	9.68	ppb
Cobalt	59-2	0.56	0.60	0.53	0.57	5.96	ppb
Copper	63-2	0.94	1.02	0.88	0.95	7.45	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				92		%
Indium	115-1				99		%
Indium	115-2				84		%
Iron	56-2	10.02	9.53	9.68	9.74	2.60	ppb
Iron	57-2	17.27	10.11	10.88	12.76	30.81	ppb
Krypton	83-1						cps
Lead	206-1	0.00	-0.02	-0.02	-0.01		ppb
Lead	207-1	-0.02	0.01	-0.02	-0.01		ppb
Lead	208-1	0.00	-0.01	-0.02	-0.01		ppb
Lithium	6-1				93		%
Magnesium	24-2	1876.19	1780.70	1719.73	1792.21	4.40	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1264.76	1217.06	1168.51	1216.78	3.96	ppb
Molybdenum	94-1	0.17	0.11	0.10	0.13	29.77	ppb
Molybdenum	95-1	0.07	0.08	0.08	0.08	12.36	ppb
Molybdenum	96-1	0.09	0.10	0.08	0.09	11.01	ppb
Molybdenum	97-1	0.11	0.11	0.10	0.11	1.49	ppb
Molybdenum	98-1	0.10	0.10	0.13	0.11	14.26	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.89	0.91	1.02	0.94	7.36	ppb
Phosphorus	31-2	0.00	0.00	32.72	10.91	173.21	ppb
Potassium	39-2	597.48	555.50	530.65	561.21	6.02	ppb
Rhodium	103-1				99		%
Rhodium	103-2				88		%
Scandium	45-1				92		%
Scandium	45-2				75		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.68	-0.72	-0.72	-0.25		ppb
Selenium	82-1	-0.65	0.28	0.08	-0.10		ppb
Silicon	28-1	1929.08	1955.14	1910.10	1931.44	1.17	ppb
Silver	109-1	0.07	0.06	0.06	0.06	6.80	ppb
Silver	107-1	0.04	0.07	0.05	0.05	20.53	ppb
Sodium	23-2	995.46	986.63	918.19	966.76	4.37	ppb
Strontium	86-1	32.05	33.18	32.48	32.57	1.75	ppb
Strontium	88-1	32.82	33.14	32.62	32.86	0.80	ppb
Sulfur	34-1	-1506.91	-1310.85	-1430.56	-1416.11		ppb
Terbium	159-1				105		%
Terbium	159-2				92		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.03		ppb
Tin	118-1	0.21	0.17	0.18	0.19	11.37	ppb
Titanium	47-1	0.11	0.07	0.03	0.07	64.32	ppb
Uranium	238-1	0.06	0.06	0.04	0.05	23.17	ppb
Vanadium	51-2	0.01	0.01	0.02	0.01	57.00	ppb
Yttrium	89-1				97		%
Yttrium	89-2				81		%
Zinc	66-2	2.03	1.65	1.62	1.77	12.74	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

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

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8701.74	8496.23	8457.75	8551.91	1.53	ppb
Antimony	121-1	471.10	498.58	478.37	482.68	2.95	ppb
Arsenic	75-2	480.39	478.56	474.10	477.68	0.68	ppb
Barium	135-1	2310.50	2452.74	2333.69	2365.64	3.23	ppb
Barium	137-1	2315.47	2449.34	2347.05	2370.62	2.95	ppb
Beryllium	9-1	411.55	420.78	411.00	414.45	1.33	ppb
Bismuth	209-1				99		%
Bismuth	209-2				83		%
Boron	10-1	380.87	415.36	413.55	403.26	4.81	ppb
Boron	11-1	375.13	397.91	397.93	390.32	3.37	ppb
Cadmium	111-1	459.12	490.29	466.98	472.13	3.43	ppb
Cadmium	106-1	454.16	482.55	455.82	464.18	3.43	ppb
Cadmium	108-1	443.92	485.10	458.44	462.49	4.52	ppb
Calcium	43-1	76963.78	82872.42	78790.65	79542.28	3.80	ppb
Calcium	44-1	75182.71	81247.14	77320.38	77916.74	3.95	ppb
Chromium	52-2	511.42	505.75	507.79	508.32	0.56	ppb
Cobalt	59-2	535.54	529.09	529.44	531.36	0.68	ppb
Copper	63-2	1060.25	1041.96	1049.45	1050.55	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				97		%
Holmium	165-2				86		%
Indium	115-1				89		%
Indium	115-2				73		%
Iron	56-2	25910.72	25499.43	25713.03	25707.73	0.80	ppb
Iron	57-2	25365.17	25032.36	25313.19	25236.90	0.71	ppb
Krypton	83-1						cps
Lead	206-1	496.43	538.10	507.80	514.11	4.19	ppb
Lead	207-1	480.51	520.13	486.84	495.82	4.29	ppb
Lead	208-1	488.31	529.90	499.11	505.77	4.27	ppb
Lithium	6-1				96		%
Magnesium	24-2	57897.28	57467.38	57532.60	57632.42	0.40	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	6919.01	6829.48	6876.66	6875.05	0.65	ppb
Molybdenum	94-1	2389.57	2581.19	2419.87	2463.55	4.18	ppb
Molybdenum	95-1	2342.68	2545.18	2382.03	2423.30	4.43	ppb
Molybdenum	96-1	2356.27	2528.42	2398.34	2427.68	3.70	ppb
Molybdenum	97-1	2373.43	2532.39	2416.69	2440.84	3.37	ppb
Molybdenum	98-1	2352.68	2513.57	2375.53	2413.93	3.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	544.70	541.21	540.46	542.12	0.42	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	24536.38	23882.08	24090.52	24169.66	1.38	ppb
Rhodium	103-1				87		%
Rhodium	103-2				79		%
Scandium	45-1				81		%
Scandium	45-2				67		%
Selenium	77-2	538.08	454.17	552.53	514.93	10.31	ppb
Selenium	78-2	421.88	467.43	463.98	451.10	5.62	ppb
Selenium	82-1	475.83	514.68	480.40	490.31	4.33	ppb
Silicon	28-1	10176.17	10872.85	10295.35	10448.12	3.57	ppb
Silver	109-1	376.63	406.60	382.64	388.63	4.08	ppb
Silver	107-1	382.21	406.03	386.51	391.58	3.24	ppb
Sodium	23-2	55989.50	55304.50	55091.80	55461.94	0.85	ppb
Strontium	86-1	636.42	680.51	651.80	656.24	3.41	ppb
Strontium	88-1	645.30	695.08	656.15	665.51	3.93	ppb
Sulfur	34-1	-13.66	1011.96	54.65	350.98	163.38	ppb
Terbium	159-1				97		%
Terbium	159-2				85		%
Thallium	203-1	494.99	534.40	499.15	509.51	4.25	ppb
Thallium	205-1	492.06	526.66	502.72	507.15	3.49	ppb
Tin	118-1	438.44	465.08	447.03	450.19	3.02	ppb
Titanium	47-1	2341.38	2486.98	2402.27	2410.21	3.03	ppb
Uranium	238-1	500.76	545.33	512.75	519.61	4.44	ppb
Vanadium	51-2	506.56	498.02	503.62	502.73	0.86	ppb
Yttrium	89-1				88		%
Yttrium	89-2				72		%
Zinc	66-2	983.18	969.62	993.19	982.00	1.20	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	487.48	523.83	495.67	502.32	3.80	ppb
Zirconium	91-1	482.88	514.82	489.70	495.80	3.39	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8684.54	9828.46	8612.55	9041.85	7.54	ppb
Antimony	121-1	486.95	487.00	481.55	485.17	0.65	ppb
Arsenic	75-2	481.72	518.37	488.55	496.22	3.93	ppb
Barium	135-1	2380.51	2373.75	2353.92	2369.39	0.58	ppb
Barium	137-1	2371.99	2371.09	2350.11	2364.40	0.52	ppb
Beryllium	9-1	421.08	416.59	418.35	418.68	0.54	ppb
Bismuth	209-1				101		%
Bismuth	209-2				82		%
Boron	10-1	407.63	427.12	426.24	420.33	2.62	ppb
Boron	11-1	390.49	400.03	407.88	399.47	2.18	ppb
Cadmium	111-1	471.99	467.81	469.26	469.69	0.45	ppb
Cadmium	106-1	473.35	459.47	463.71	465.51	1.53	ppb
Cadmium	108-1	469.44	467.61	462.48	466.51	0.77	ppb
Calcium	43-1	77233.35	77867.86	78721.89	77941.03	0.96	ppb
Calcium	44-1	76758.59	77110.80	77516.94	77128.78	0.49	ppb
Chromium	52-2	529.81	571.78	535.74	545.78	4.16	ppb
Cobalt	59-2	549.59	594.38	557.95	567.31	4.20	ppb
Copper	63-2	1085.97	1171.23	1100.76	1119.32	4.07	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				100		%
Holmium	165-2				84		%
Indium	115-1				92		%
Indium	115-2				72		%
Iron	56-2	26758.47	28661.95	26557.93	27326.12	4.25	ppb
Iron	57-2	26211.52	28129.00	26579.27	26973.26	3.77	ppb
Krypton	83-1						cps
Lead	206-1	509.67	510.85	517.60	512.71	0.84	ppb
Lead	207-1	489.64	493.92	502.06	495.21	1.27	ppb
Lead	208-1	503.06	501.46	509.70	504.74	0.87	ppb
Lithium	6-1				98		%
Magnesium	24-2	59697.57	63893.39	59780.72	61123.89	3.92	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7183.80	7684.92	7229.03	7365.92	3.76	ppb
Molybdenum	94-1	2484.68	2452.69	2452.81	2463.39	0.75	ppb
Molybdenum	95-1	2433.68	2409.88	2414.45	2419.34	0.52	ppb
Molybdenum	96-1	2407.90	2425.08	2404.76	2412.58	0.45	ppb
Molybdenum	97-1	2458.56	2444.90	2441.55	2448.34	0.37	ppb
Molybdenum	98-1	2430.36	2428.74	2432.09	2430.39	0.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	565.87	602.99	568.43	579.10	3.58	ppb
Phosphorus	31-2	0.00	0.00	38.08	12.69	173.21	ppb
Potassium	39-2	25041.13	27086.62	25461.52	25863.09	4.18	ppb
Rhodium	103-1				90		%
Rhodium	103-2				78		%
Scandium	45-1				84		%
Scandium	45-2				65		%
Selenium	77-2	377.71	485.94	545.24	469.63	18.09	ppb
Selenium	78-2	481.12	523.86	472.90	492.62	5.55	ppb
Selenium	82-1	492.28	491.16	492.69	492.04	0.16	ppb
Silicon	28-1	10279.26	10318.39	10386.69	10328.11	0.53	ppb
Silver	109-1	391.72	388.57	389.36	389.88	0.42	ppb
Silver	107-1	390.89	388.92	385.16	388.32	0.75	ppb
Sodium	23-2	55868.30	60072.97	55906.77	57282.68	4.22	ppb
Strontium	86-1	665.04	654.37	655.47	658.29	0.89	ppb
Strontium	88-1	664.29	660.04	663.81	662.71	0.35	ppb
Sulfur	34-1	-462.77	-363.08	-324.19	-383.35		ppb
Terbium	159-1				100		%
Terbium	159-2				85		%
Thallium	203-1	504.88	502.40	516.15	507.81	1.44	ppb
Thallium	205-1	506.78	508.48	514.63	509.96	0.81	ppb
Tin	118-1	448.63	445.65	449.99	448.09	0.49	ppb
Titanium	47-1	2389.41	2391.75	2426.64	2402.60	0.87	ppb
Uranium	238-1	519.16	516.50	520.86	518.84	0.42	ppb
Vanadium	51-2	527.11	563.68	522.09	537.63	4.22	ppb
Yttrium	89-1				91		%
Yttrium	89-2				71		%
Zinc	66-2	1001.88	1094.06	1025.42	1040.46	4.60	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	502.20	498.52	502.43	501.05	0.44	ppb
Zirconium	91-1	495.04	493.47	490.23	492.91	0.50	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47876.85	52904.71	48484.03	49755.20	5.52	ppb
Antimony	121-1	451.37	460.47	464.42	458.75	1.46	ppb
Arsenic	75-2	483.89	525.94	479.37	496.40	5.17	ppb
Barium	135-1	2449.77	2451.66	2455.88	2452.44	0.13	ppb
Barium	137-1	2420.55	2450.77	2462.33	2444.55	0.88	ppb
Beryllium	9-1	508.35	503.01	499.57	503.64	0.88	ppb
Bismuth	209-1				104		%
Bismuth	209-2				94		%
Boron	10-1	499.16	505.39	523.20	509.25	2.45	ppb
Boron	11-1	499.44	505.57	512.84	505.95	1.33	ppb
Cadmium	111-1	463.28	466.04	469.70	466.34	0.69	ppb
Cadmium	106-1	455.37	467.09	475.76	466.07	2.20	ppb
Cadmium	108-1	465.06	470.58	473.53	469.72	0.92	ppb
Calcium	43-1	226576.78	230335.83	230090.42	229001.01	0.92	ppb
Calcium	44-1	228345.99	228924.88	228589.61	228620.16	0.13	ppb
Chromium	52-2	507.25	564.55	519.66	530.48	5.68	ppb
Cobalt	59-2	495.00	550.42	506.30	517.24	5.66	ppb
Copper	63-2	974.28	1072.89	985.92	1011.03	5.33	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				108		%
Holmium	165-2				99		%
Indium	115-1				101		%
Indium	115-2				90		%
Iron	56-2	127248.90	140752.01	128827.77	132276.23	5.58	ppb
Iron	57-2	125497.53	139104.08	128097.67	130899.76	5.52	ppb
Krypton	83-1						cps
Lead	206-1	509.97	514.50	507.34	510.60	0.71	ppb
Lead	207-1	510.70	504.44	505.62	506.92	0.66	ppb
Lead	208-1	506.23	511.26	507.38	508.29	0.52	ppb
Lithium	6-1				95		%
Magnesium	24-2	241555.10	268833.96	247543.29	252644.11	5.67	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	967.79	1085.76	991.36	1014.97	6.15	ppb
Molybdenum	94-1	2498.51	2486.60	2510.26	2498.45	0.47	ppb
Molybdenum	95-1	2504.27	2483.19	2486.10	2491.18	0.46	ppb
Molybdenum	96-1	2493.07	2489.05	2509.50	2497.21	0.43	ppb
Molybdenum	97-1	2502.83	2516.72	2505.67	2508.41	0.29	ppb
Molybdenum	98-1	2483.39	2504.87	2500.08	2496.12	0.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.25	555.03	512.16	522.48	5.51	ppb
Phosphorus	31-2	10117.22	10235.02	9355.84	9902.70	4.82	ppb
Potassium	39-2	118785.45	131771.44	120100.25	123552.38	5.79	ppb
Rhodium	103-1				98		%
Rhodium	103-2				90		%
Scandium	45-1				100		%
Scandium	45-2				87		%
Selenium	77-2	424.34	560.42	499.36	494.71	13.78	ppb
Selenium	78-2	452.48	505.37	488.28	482.04	5.60	ppb
Selenium	82-1	484.65	486.95	486.42	486.00	0.25	ppb
Silicon	28-1	524.63	520.13	522.98	522.58	0.44	ppb
Silver	109-1	469.88	472.70	476.40	472.99	0.69	ppb
Silver	107-1	472.26	474.55	480.00	475.60	0.84	ppb
Sodium	23-2	242037.27	269272.34	248730.78	253346.80	5.60	ppb
Strontium	86-1	487.55	488.69	490.12	488.79	0.26	ppb
Strontium	88-1	497.89	497.82	492.02	495.91	0.68	ppb
Sulfur	34-1	8667.65	8609.81	8588.33	8621.93	0.48	ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	505.27	506.34	504.32	505.31	0.20	ppb
Thallium	205-1	501.46	504.55	495.20	500.40	0.95	ppb
Tin	118-1	480.59	484.28	482.05	482.31	0.39	ppb
Titanium	47-1	2503.21	2503.40	2521.17	2509.26	0.41	ppb
Uranium	238-1	511.48	516.25	513.92	513.88	0.46	ppb
Vanadium	51-2	496.49	553.20	503.86	517.85	5.95	ppb
Yttrium	89-1				103		%
Yttrium	89-2				92		%
Zinc	66-2	957.33	1061.99	972.90	997.41	5.66	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.02	498.88	497.86	497.59	0.29	ppb
Zirconium	91-1	490.64	495.57	495.92	494.05	0.60	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:41:45	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.39	1.86	-0.35	0.97	120.15	ppb
Antimony	121-1	0.27	0.27	0.25	0.26	3.51	ppb
Arsenic	75-2	-0.01	-0.01	-0.06	-0.03		ppb
Barium	135-1	-0.04	-0.03	-0.01	-0.03		ppb
Barium	137-1	-0.03	-0.02	-0.02	-0.02		ppb
Beryllium	9-1	0.08	0.06	0.05	0.06	16.92	ppb
Bismuth	209-1				106		%
Bismuth	209-2				96		%
Boron	10-1	10.14	10.75	11.41	10.77	5.93	ppb
Boron	11-1	10.21	8.94	9.60	9.58	6.65	ppb
Cadmium	111-1	-0.03	0.10	-0.09	-0.01		ppb
Cadmium	106-1	-0.43	1.08	-1.24	-0.20		ppb
Cadmium	108-1	-0.04	0.00	0.03	0.00		ppb
Calcium	43-1	-0.01	-1.52	3.92	0.80	352.64	ppb
Calcium	44-1	2.39	5.47	0.17	2.68	99.36	ppb
Chromium	52-2	-0.03	0.04	0.07	0.03	199.73	ppb
Cobalt	59-2	-0.05	-0.07	-0.05	-0.06		ppb
Copper	63-2	0.18	0.18	0.11	0.16	23.61	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				95		%
Indium	115-1				102		%
Indium	115-2				91		%
Iron	56-2	0.89	1.81	0.95	1.22	42.14	ppb
Iron	57-2	0.23	-3.24	-2.92	-1.98		ppb
Krypton	83-1						cps
Lead	206-1	-0.05	-0.03	-0.03	-0.04		ppb
Lead	207-1	-0.05	-0.05	-0.04	-0.05		ppb
Lead	208-1	-0.05	-0.04	-0.04	-0.04		ppb
Lithium	6-1				97		%
Magnesium	24-2	3.48	7.95	3.87	5.10	48.54	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:41:45	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.04	-0.11	-0.11	-0.09		ppb
Molybdenum	94-1	0.48	0.45	0.32	0.42	20.95	ppb
Molybdenum	95-1	0.31	0.26	0.25	0.27	11.72	ppb
Molybdenum	96-1	0.34	0.25	0.26	0.29	16.82	ppb
Molybdenum	97-1	0.36	0.27	0.26	0.30	17.51	ppb
Molybdenum	98-1	0.36	0.28	0.25	0.30	18.58	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.06	-0.09	-0.07	-0.07		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	4.80	26.34	16.03	15.73	68.52	ppb
Rhodium	103-1				102		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				86		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	0.60	0.45	0.11	640.40	ppb
Selenium	82-1	0.01	0.09	0.34	0.15	114.25	ppb
Silicon	28-1	-4.74	-5.13	-6.84	-5.57		ppb
Silver	109-1	0.05	0.05	0.04	0.04	17.96	ppb
Silver	107-1	0.04	0.05	0.03	0.04	21.02	ppb
Sodium	23-2	33.78	34.29	41.57	36.55	11.92	ppb
Strontium	86-1	-0.04	-0.04	-0.03	-0.04		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	28.64	ppb
Sulfur	34-1	-770.66	-792.40	-1072.51	-878.52		ppb
Terbium	159-1				104		%
Terbium	159-2				96		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.02	0.00	0.00	0.01	160.78	ppb
Tin	118-1	0.04	0.04	0.01	0.03	49.47	ppb
Titanium	47-1	-0.01	-0.04	0.07	0.01	1021.21	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.03	-0.03	-0.01	-0.02		ppb
Yttrium	89-1				101		%
Yttrium	89-2				89		%
Zinc	66-2	-0.10	0.11	-0.24	-0.08		ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:41:45	DataFile Name :	034CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.15	0.15	0.12	0.14	10.10	ppb
Zirconium	91-1	0.13	0.13	0.14	0.13	6.47	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8829.00	9330.22	9017.34	9058.85	2.79	ppb
Antimony	121-1	492.27	487.79	490.32	490.13	0.46	ppb
Arsenic	75-2	488.18	506.38	485.07	493.21	2.33	ppb
Barium	135-1	2352.61	2390.48	2396.53	2379.87	1.00	ppb
Barium	137-1	2351.51	2361.39	2389.07	2367.32	0.82	ppb
Beryllium	9-1	436.55	421.41	425.22	427.73	1.84	ppb
Bismuth	209-1				104		%
Bismuth	209-2				84		%
Boron	10-1	415.47	418.44	425.38	419.76	1.21	ppb
Boron	11-1	404.09	405.87	408.67	406.21	0.57	ppb
Cadmium	111-1	467.87	471.67	473.52	471.02	0.61	ppb
Cadmium	106-1	460.21	466.16	465.59	463.99	0.71	ppb
Cadmium	108-1	464.73	462.86	475.00	467.53	1.40	ppb
Calcium	43-1	78113.12	78357.03	78513.66	78327.93	0.26	ppb
Calcium	44-1	76837.88	76856.81	77898.92	77197.87	0.79	ppb
Chromium	52-2	520.66	547.26	529.54	532.49	2.54	ppb
Cobalt	59-2	543.16	567.92	550.82	553.97	2.29	ppb
Copper	63-2	1066.51	1126.64	1085.11	1092.75	2.82	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				86		%
Indium	115-1				93		%
Indium	115-2				74		%
Iron	56-2	26194.24	27254.39	26603.32	26683.98	2.00	ppb
Iron	57-2	25958.92	27278.87	26166.49	26468.09	2.68	ppb
Krypton	83-1						cps
Lead	206-1	491.97	512.82	504.48	503.09	2.09	ppb
Lead	207-1	482.07	488.53	491.50	487.37	0.99	ppb
Lead	208-1	485.34	500.13	500.14	495.20	1.73	ppb
Lithium	6-1				100		%
Magnesium	24-2	59063.82	61838.77	60113.15	60338.58	2.32	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7044.88	7402.79	7157.38	7201.68	2.54	ppb
Molybdenum	94-1	2434.46	2469.19	2450.99	2451.54	0.71	ppb
Molybdenum	95-1	2386.22	2420.29	2422.31	2409.61	0.84	ppb
Molybdenum	96-1	2404.17	2417.19	2450.35	2423.91	0.98	ppb
Molybdenum	97-1	2419.98	2452.54	2440.16	2437.56	0.67	ppb
Molybdenum	98-1	2384.41	2423.30	2440.48	2416.07	1.19	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	554.38	578.54	561.87	564.93	2.19	ppb
Phosphorus	31-2	36.33	0.00	0.00	12.11	173.21	ppb
Potassium	39-2	24858.97	26029.78	25305.93	25398.23	2.33	ppb
Rhodium	103-1				92		%
Rhodium	103-2				80		%
Scandium	45-1				87		%
Scandium	45-2				68		%
Selenium	77-2	496.47	503.81	490.59	496.96	1.33	ppb
Selenium	78-2	502.07	521.59	462.42	495.36	6.09	ppb
Selenium	82-1	488.88	492.61	492.33	491.28	0.42	ppb
Silicon	28-1	10404.90	10372.92	10498.67	10425.50	0.63	ppb
Silver	109-1	381.68	387.81	392.52	387.34	1.40	ppb
Silver	107-1	389.75	389.62	393.39	390.92	0.55	ppb
Sodium	23-2	55914.54	58719.61	57216.85	57283.67	2.45	ppb
Strontium	86-1	644.77	657.14	661.44	654.45	1.32	ppb
Strontium	88-1	658.60	666.31	665.60	663.50	0.64	ppb
Sulfur	34-1	-296.88	-426.88	-274.76	-332.84		ppb
Terbium	159-1				101		%
Terbium	159-2				86		%
Thallium	203-1	489.96	507.50	504.29	500.58	1.87	ppb
Thallium	205-1	483.19	499.84	502.19	495.08	2.09	ppb
Tin	118-1	451.75	448.65	450.42	450.27	0.35	ppb
Titanium	47-1	2375.65	2388.16	2390.40	2384.74	0.33	ppb
Uranium	238-1	502.68	510.19	510.03	507.63	0.85	ppb
Vanadium	51-2	516.71	546.04	527.20	529.98	2.80	ppb
Yttrium	89-1				93		%
Yttrium	89-2				73		%
Zinc	66-2	992.27	1044.94	1023.82	1020.34	2.60	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	496.85	500.00	504.26	500.37	0.74	ppb
Zirconium	91-1	486.13	497.54	492.29	491.99	1.16	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.59	11.55	23.26	16.80	35.44	ppb
Antimony	121-1	0.80	0.76	0.77	0.78	2.82	ppb
Arsenic	75-2	25.44	25.09	24.64	25.06	1.59	ppb
Barium	135-1	22.59	22.28	23.33	22.73	2.39	ppb
Barium	137-1	22.78	23.23	23.47	23.16	1.51	ppb
Beryllium	9-1	0.16	0.15	0.15	0.15	3.33	ppb
Bismuth	209-1				108		%
Bismuth	209-2				89		%
Boron	10-1	40.24	42.20	41.02	41.15	2.39	ppb
Boron	11-1	40.97	41.71	36.88	39.85	6.53	ppb
Cadmium	111-1	-0.22	-0.20	-0.07	-0.16		ppb
Cadmium	106-1	-3.44	-3.78	-1.45	-2.89		ppb
Cadmium	108-1	0.21	0.11	0.25	0.19	39.23	ppb
Calcium	43-1	25406.22	25374.49	25349.07	25376.59	0.11	ppb
Calcium	44-1	25207.34	25425.24	25484.87	25372.49	0.58	ppb
Chromium	52-2	0.39	0.38	0.53	0.43	18.62	ppb
Cobalt	59-2	2.18	2.42	2.40	2.33	5.78	ppb
Copper	63-2	2.25	2.31	2.29	2.28	1.22	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				88		%
Indium	115-1				96		%
Indium	115-2				77		%
Iron	56-2	10386.34	10682.83	10774.06	10614.41	1.91	ppb
Iron	57-2	10069.33	10394.19	10555.37	10339.63	2.39	ppb
Krypton	83-1						cps
Lead	206-1	0.14	0.07	0.10	0.10	37.09	ppb
Lead	207-1	0.10	0.10	0.07	0.09	21.11	ppb
Lead	208-1	0.10	0.09	0.07	0.09	16.73	ppb
Lithium	6-1				101		%
Magnesium	24-2	9487.23	9580.40	9805.98	9624.54	1.70	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1593.82	1604.21	1645.70	1614.58	1.70	ppb
Molybdenum	94-1	1.37	1.23	1.20	1.27	7.15	ppb
Molybdenum	95-1	1.11	1.07	0.87	1.02	12.80	ppb
Molybdenum	96-1	1.21	0.99	1.05	1.08	10.50	ppb
Molybdenum	97-1	1.09	1.06	0.87	1.01	11.96	ppb
Molybdenum	98-1	1.15	1.05	0.98	1.06	7.90	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.54	1.45	1.31	1.43	8.17	ppb
Phosphorus	31-2	393.10	73.52	298.22	254.95	64.38	ppb
Potassium	39-2	3088.03	3155.73	3197.58	3147.11	1.76	ppb
Rhodium	103-1				94		%
Rhodium	103-2				84		%
Scandium	45-1				87		%
Scandium	45-2				69		%
Selenium	77-2	4.34	-4.33	-4.33	-1.44		ppb
Selenium	78-2	0.72	2.18	-0.72	0.73	198.70	ppb
Selenium	82-1	-0.48	0.36	-0.07	-0.06		ppb
Silicon	28-1	6803.15	6774.38	6749.16	6775.57	0.40	ppb
Silver	109-1	0.17	0.14	0.14	0.15	11.05	ppb
Silver	107-1	0.15	0.14	0.12	0.14	12.61	ppb
Sodium	23-2	5978.07	6126.57	6225.63	6110.09	2.04	ppb
Strontium	86-1	138.10	136.01	137.98	137.36	0.85	ppb
Strontium	88-1	143.57	142.22	142.29	142.69	0.53	ppb
Sulfur	34-1	1432.78	1451.81	1560.35	1481.65	4.65	ppb
Terbium	159-1				103		%
Terbium	159-2				88		%
Thallium	203-1	0.14	0.14	0.15	0.14	4.31	ppb
Thallium	205-1	0.15	0.14	0.14	0.14	3.47	ppb
Tin	118-1	5.82	5.71	5.82	5.79	1.13	ppb
Titanium	47-1	1.13	0.93	1.08	1.04	10.09	ppb
Uranium	238-1	0.03	0.03	0.03	0.03	10.49	ppb
Vanadium	51-2	0.85	0.65	0.77	0.75	13.59	ppb
Yttrium	89-1				94		%
Yttrium	89-2				74		%
Zinc	66-2	8.14	8.04	7.94	8.04	1.23	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.38	0.31	0.29	0.33	13.60	ppb
Zirconium	91-1	0.43	0.30	0.35	0.36	18.77	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	0.19	7.29	-2.09	1.80	272.26	ppb
Antimony	121-1	0.67	0.69	0.70	0.69	2.28	ppb
Arsenic	75-2	18.36	17.27	17.95	17.86	3.10	ppb
Barium	135-1	19.33	19.91	19.29	19.51	1.77	ppb
Barium	137-1	19.85	19.87	20.36	20.02	1.45	ppb
Beryllium	9-1	0.08	0.12	0.07	0.09	29.23	ppb
Bismuth	209-1				108		%
Bismuth	209-2				89		%
Boron	10-1	32.26	33.85	33.74	33.28	2.68	ppb
Boron	11-1	30.97	30.82	32.22	31.34	2.46	ppb
Cadmium	111-1	-0.14	-0.22	-0.19	-0.18		ppb
Cadmium	106-1	-2.10	-2.98	-2.60	-2.56		ppb
Cadmium	108-1	0.10	0.14	0.00	0.08	93.35	ppb
Calcium	43-1	30317.98	30102.21	29914.88	30111.69	0.67	ppb
Calcium	44-1	29998.85	29813.43	29720.06	29844.11	0.48	ppb
Chromium	52-2	0.61	0.47	0.48	0.52	15.29	ppb
Cobalt	59-2	0.40	0.35	0.41	0.38	8.81	ppb
Copper	63-2	2.18	2.12	1.94	2.08	6.02	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				104		%
Holmium	165-2				87		%
Indium	115-1				97		%
Indium	115-2				76		%
Iron	56-2	13929.02	14189.55	14000.93	14039.83	0.96	ppb
Iron	57-2	13428.91	13824.39	13562.25	13605.18	1.48	ppb
Krypton	83-1						cps
Lead	206-1	0.05	0.04	0.02	0.04	43.30	ppb
Lead	207-1	0.00	0.04	0.01	0.02	98.01	ppb
Lead	208-1	0.02	0.03	0.03	0.03	11.06	ppb
Lithium	6-1				99		%
Magnesium	24-2	7792.29	7982.95	7835.11	7870.12	1.27	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	786.64	804.21	797.31	796.05	1.11	ppb
Molybdenum	94-1	0.58	0.68	0.61	0.62	8.60	ppb
Molybdenum	95-1	0.37	0.48	0.45	0.43	12.82	ppb
Molybdenum	96-1	0.53	0.49	0.49	0.50	5.24	ppb
Molybdenum	97-1	0.43	0.56	0.52	0.50	13.01	ppb
Molybdenum	98-1	0.51	0.51	0.46	0.50	5.48	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.77	0.99	0.77	0.84	15.04	ppb
Phosphorus	31-2	0.00	37.91	0.00	12.64	173.21	ppb
Potassium	39-2	2626.52	2735.09	2666.08	2675.90	2.05	ppb
Rhodium	103-1				95		%
Rhodium	103-2				82		%
Scandium	45-1				87		%
Scandium	45-2				68		%
Selenium	77-2	-4.33	4.67	-4.33	-1.33		ppb
Selenium	78-2	0.76	0.78	-0.72	0.27	313.87	ppb
Selenium	82-1	0.53	0.38	-0.07	0.28	111.81	ppb
Silicon	28-1	7630.63	7508.59	7476.06	7538.43	1.08	ppb
Silver	109-1	0.10	0.09	0.09	0.09	8.63	ppb
Silver	107-1	0.09	0.08	0.09	0.08	8.28	ppb
Sodium	23-2	5144.83	5229.16	5159.34	5177.78	0.87	ppb
Strontium	86-1	146.41	146.95	147.01	146.79	0.22	ppb
Strontium	88-1	153.13	154.53	151.92	153.19	0.85	ppb
Sulfur	34-1	1863.81	1545.57	1629.02	1679.46	9.83	ppb
Terbium	159-1				104		%
Terbium	159-2				87		%
Thallium	203-1	0.02	0.02	0.01	0.02	25.66	ppb
Thallium	205-1	0.04	0.04	0.03	0.04	21.97	ppb
Tin	118-1	3.88	3.94	3.95	3.92	1.01	ppb
Titanium	47-1	0.47	0.47	0.62	0.52	17.05	ppb
Uranium	238-1	0.00	-0.01	0.00	0.00		ppb
Vanadium	51-2	0.06	0.04	-0.01	0.03	103.31	ppb
Yttrium	89-1				94		%
Yttrium	89-2				73		%
Zinc	66-2	7.58	7.78	6.40	7.25	10.26	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.14	0.15	0.15	7.51	ppb
Zirconium	91-1	0.14	0.16	0.13	0.14	9.73	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.71	6.29	-0.27	3.58	95.82	ppb
Antimony	121-1	0.03	0.01	0.03	0.02	37.56	ppb
Arsenic	75-2	-0.01	-0.03	-0.04	-0.03		ppb
Barium	135-1	-0.02	0.01	0.00	0.00		ppb
Barium	137-1	0.00	0.02	0.00	0.01	178.32	ppb
Beryllium	9-1	0.04	0.02	0.04	0.03	41.68	ppb
Bismuth	209-1				116		%
Bismuth	209-2				98		%
Boron	10-1	7.80	5.91	6.91	6.88	13.78	ppb
Boron	11-1	7.21	6.99	6.53	6.91	4.99	ppb
Cadmium	111-1	-0.18	-0.14	-0.08	-0.13		ppb
Cadmium	106-1	-2.42	-1.55	-1.00	-1.66		ppb
Cadmium	108-1	0.12	0.12	0.02	0.08	64.42	ppb
Calcium	43-1	12.27	15.81	18.76	15.61	20.81	ppb
Calcium	44-1	18.30	14.27	14.83	15.80	13.81	ppb
Chromium	52-2	0.02	0.27	0.05	0.11	119.44	ppb
Cobalt	59-2	-0.06	-0.04	-0.05	-0.05		ppb
Copper	63-2	0.55	0.68	0.52	0.58	14.20	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				116		%
Holmium	165-2				96		%
Indium	115-1				111		%
Indium	115-2				89		%
Iron	56-2	0.76	2.15	1.01	1.31	56.71	ppb
Iron	57-2	-0.92	-1.86	-2.28	-1.69		ppb
Krypton	83-1						cps
Lead	206-1	-0.06	-0.05	-0.06	-0.06		ppb
Lead	207-1	-0.07	-0.06	-0.07	-0.07		ppb
Lead	208-1	-0.07	-0.06	-0.07	-0.07		ppb
Lithium	6-1				103		%
Magnesium	24-2	5.29	3.80	5.74	4.94	20.48	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.19	-0.04	-0.10		ppb
Molybdenum	94-1	0.08	0.07	0.07	0.07	8.58	ppb
Molybdenum	95-1	0.07	0.07	0.03	0.06	35.42	ppb
Molybdenum	96-1	0.02	0.07	0.04	0.04	64.75	ppb
Molybdenum	97-1	0.10	0.09	0.10	0.10	7.25	ppb
Molybdenum	98-1	0.07	0.09	0.06	0.07	23.39	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	0.04	-0.02	0.02	207.50	ppb
Phosphorus	31-2	0.00	0.00	29.42	9.81	173.21	ppb
Potassium	39-2	7.32	51.89	14.69	24.63	96.98	ppb
Rhodium	103-1				112		%
Rhodium	103-2				94		%
Scandium	45-1				105		%
Scandium	45-2				84		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	2.89	0.48	429.77	ppb
Selenium	82-1	0.67	-0.21	-0.84	-0.13		ppb
Silicon	28-1	6.29	9.31	10.96	8.85	26.77	ppb
Silver	109-1	0.03	0.04	0.03	0.03	8.60	ppb
Silver	107-1	0.03	0.03	0.03	0.03	9.65	ppb
Sodium	23-2	45.90	66.87	49.06	53.94	20.95	ppb
Strontium	86-1	0.01	0.01	0.13	0.05	135.34	ppb
Strontium	88-1	0.07	0.09	0.08	0.08	11.94	ppb
Sulfur	34-1	-2282.31	-2295.74	-2304.60	-2294.22		ppb
Terbium	159-1				116		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.04	-0.02	-0.03		ppb
Thallium	205-1	-0.02	-0.02	-0.02	-0.02		ppb
Tin	118-1	-0.18	-0.17	-0.17	-0.18		ppb
Titanium	47-1	-0.11	0.03	-0.02	-0.04		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.04	-0.03	-0.03		ppb
Yttrium	89-1				110		%
Yttrium	89-2				88		%
Zinc	66-2	5.43	6.18	7.03	6.21	12.88	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	-0.01	-0.01	0.00	-0.01		ppb
Zirconium	91-1	0.00	0.01	0.01	0.01	48.37	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	20302.03	19352.40	18460.24	19371.55	4.75	ppb
Antimony	121-1	4.17	4.16	4.26	4.20	1.29	ppb
Arsenic	75-2	5.57	5.93	5.90	5.80	3.37	ppb
Barium	135-1	270.46	270.51	268.26	269.74	0.48	ppb
Barium	137-1	276.49	273.79	272.52	274.27	0.74	ppb
Beryllium	9-1	0.88	0.79	0.95	0.87	8.88	ppb
Bismuth	209-1				100		%
Bismuth	209-2				79		%
Boron	10-1	460.06	456.62	469.95	462.21	1.50	ppb
Boron	11-1	447.93	452.96	459.89	453.59	1.32	ppb
Cadmium	111-1	0.06	0.03	0.10	0.06	61.65	ppb
Cadmium	106-1	-2.12	-1.85	-1.29	-1.75		ppb
Cadmium	108-1	0.82	0.99	0.76	0.86	14.21	ppb
Calcium	43-1	20056.69	20439.20	20114.40	20203.43	1.02	ppb
Calcium	44-1	19853.14	20230.39	20415.76	20166.43	1.42	ppb
Chromium	52-2	96.41	87.27	87.31	90.33	5.83	ppb
Cobalt	59-2	16.93	16.10	15.87	16.30	3.41	ppb
Copper	63-2	78.25	71.64	69.45	73.11	6.27	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				101		%
Holmium	165-2				83		%
Indium	115-1				92		%
Indium	115-2				71		%
Iron	56-2	44174.54	40778.21	40492.37	41815.04	4.90	ppb
Iron	57-2	43480.11	40175.72	39945.29	41200.38	4.80	ppb
Krypton	83-1						cps
Lead	206-1	52.30	52.91	52.28	52.50	0.68	ppb
Lead	207-1	47.51	48.33	47.76	47.87	0.88	ppb
Lead	208-1	50.03	50.98	50.46	50.49	0.94	ppb
Lithium	6-1				96		%
Magnesium	24-2	48198.50	43899.75	43686.21	45261.49	5.62	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	931.51	864.59	850.38	882.16	4.91	ppb
Molybdenum	94-1	83.93	85.36	83.95	84.41	0.97	ppb
Molybdenum	95-1	115.48	118.15	115.28	116.30	1.38	ppb
Molybdenum	96-1	113.29	113.06	110.96	112.44	1.14	ppb
Molybdenum	97-1	116.22	116.99	115.69	116.30	0.56	ppb
Molybdenum	98-1	116.58	116.87	116.30	116.58	0.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.24	50.06	48.83	50.71	4.49	ppb
Phosphorus	31-2	609.62	752.99	562.09	641.56	15.49	ppb
Potassium	39-2	46134.57	41728.97	42154.50	43339.35	5.61	ppb
Rhodium	103-1				88		%
Rhodium	103-2				76		%
Scandium	45-1				87		%
Scandium	45-2				65		%
Selenium	77-2	100.92	56.11	30.41	62.48	57.11	ppb
Selenium	78-2	12.01	7.90	5.07	8.33	41.95	ppb
Selenium	82-1	2.53	2.76	2.90	2.73	6.72	ppb
Silicon	28-1	32435.13	32807.65	32409.24	32550.67	0.68	ppb
Silver	109-1	0.34	0.33	0.29	0.32	8.04	ppb
Silver	107-1	0.32	0.31	0.26	0.30	11.23	ppb
Sodium	23-2	603898.88	552299.42	548452.68	568216.99	5.45	ppb
Strontium	86-1	246.41	246.66	246.09	246.38	0.12	ppb
Strontium	88-1	251.15	255.01	252.82	252.99	0.76	ppb
Sulfur	34-1	8875.36	9075.07	8540.38	8830.27	3.06	ppb
Terbium	159-1				101		%
Terbium	159-2				84		%
Thallium	203-1	0.26	0.28	0.27	0.27	4.23	ppb
Thallium	205-1	0.31	0.27	0.28	0.28	6.91	ppb
Tin	118-1	17.99	18.68	17.98	18.22	2.19	ppb
Titanium	47-1	1287.92	1312.00	1292.45	1297.45	0.99	ppb
Uranium	238-1	3.36	3.40	3.37	3.37	0.59	ppb
Vanadium	51-2	63.82	60.51	58.69	61.00	4.26	ppb
Yttrium	89-1				93		%
Yttrium	89-2				73		%
Zinc	66-2	185.89	167.23	169.85	174.32	5.79	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.70	1.65	1.58	1.64	3.76	ppb
Zirconium	91-1	1.67	1.64	1.65	1.65	1.11	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	51.36	47.26	51.13	49.92	4.62	ppb
Antimony	121-1	0.63	0.66	0.65	0.65	2.14	ppb
Arsenic	75-2	3.12	3.73	3.34	3.40	9.04	ppb
Barium	135-1	39.98	37.83	35.95	37.92	5.31	ppb
Barium	137-1	40.78	38.31	37.96	39.01	3.94	ppb
Beryllium	9-1	0.02	0.03	0.07	0.04	69.22	ppb
Bismuth	209-1				95		%
Bismuth	209-2				82		%
Boron	10-1	273.01	265.75	273.66	270.80	1.62	ppb
Boron	11-1	283.26	275.09	271.40	276.58	2.19	ppb
Cadmium	111-1	-0.04	0.03	-0.04	-0.01		ppb
Cadmium	106-1	-2.15	-1.10	-2.20	-1.82		ppb
Cadmium	108-1	0.32	0.07	0.07	0.15	90.40	ppb
Calcium	43-1	527505.99	500205.07	480710.01	502807.02	4.68	ppb
Calcium	44-1	537168.05	503741.86	481770.17	507560.03	5.50	ppb
Chromium	52-2	1.34	1.28	1.35	1.32	3.10	ppb
Cobalt	59-2	409.63	397.43	390.48	399.18	2.43	ppb
Copper	63-2	3.45	3.55	3.59	3.53	1.98	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				89		%
Indium	115-1				89		%
Indium	115-2				77		%
Iron	56-2	24418.28	23851.95	23161.18	23810.47	2.64	ppb
Iron	57-2	23816.48	23574.43	22705.85	23365.59	2.50	ppb
Krypton	83-1						cps
Lead	206-1	1.04	1.02	0.99	1.02	2.43	ppb
Lead	207-1	0.90	0.94	0.88	0.91	3.22	ppb
Lead	208-1	1.01	0.97	0.93	0.97	4.04	ppb
Lithium	6-1				88		%
Magnesium	24-2	181350.78	175820.53	171516.85	176229.38	2.80	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	5662.88	5552.34	5414.36	5543.20	2.25	ppb
Molybdenum	94-1	2.32	2.05	2.03	2.13	7.57	ppb
Molybdenum	95-1	0.73	0.56	0.57	0.62	14.93	ppb
Molybdenum	96-1	0.95	0.83	0.92	0.90	6.64	ppb
Molybdenum	97-1	0.72	0.64	0.60	0.65	9.31	ppb
Molybdenum	98-1	0.70	0.63	0.62	0.65	6.34	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	2493.07	2429.34	2393.75	2438.72	2.06	ppb
Phosphorus	31-2	75.18	36.26	68.86	60.10	34.76	ppb
Potassium	39-2	7549.93	7471.89	7517.88	7513.23	0.52	ppb
Rhodium	103-1				86		%
Rhodium	103-2				80		%
Scandium	45-1				83		%
Scandium	45-2				70		%
Selenium	77-2	-4.33	-4.33	3.75	-1.64		ppb
Selenium	78-2	0.75	2.05	-0.72	0.69	199.50	ppb
Selenium	82-1	-0.29	-0.40	-1.37	-0.68		ppb
Silicon	28-1	9254.73	8641.21	8284.91	8726.95	5.62	ppb
Silver	109-1	0.17	0.15	0.12	0.15	15.83	ppb
Silver	107-1	0.18	0.17	0.12	0.16	21.05	ppb
Sodium	23-2	1400162.29	1362478.46	1336701.88	1366447.55	2.34	ppb
Strontium	86-1	1501.63	1426.49	1409.60	1445.91	3.39	ppb
Strontium	88-1	1520.42	1437.28	1400.62	1452.78	4.23	ppb
Sulfur	34-1	1075304.38	1005436.59	966795.28	1015845.41	5.41	ppb
Terbium	159-1				98		%
Terbium	159-2				90		%
Thallium	203-1	-0.02	-0.01	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.01	-0.02	-0.02		ppb
Tin	118-1	3.75	3.63	3.43	3.60	4.55	ppb
Titanium	47-1	1.79	1.37	1.65	1.60	13.19	ppb
Uranium	238-1	0.33	0.34	0.33	0.33	2.56	ppb
Vanadium	51-2	95.43	93.90	92.30	93.88	1.66	ppb
Yttrium	89-1				90		%
Yttrium	89-2				77		%
Zinc	66-2	58.26	55.31	54.05	55.87	3.87	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	1.15	1.03	1.04	1.08	6.08	ppb
Zirconium	91-1	1.14	1.01	1.02	1.06	6.83	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	2.62	4.96	11.73	6.44	73.51	ppb
Antimony	121-1	0.55	0.53	0.53	0.54	2.70	ppb
Arsenic	75-2	57.85	55.23	51.81	54.97	5.52	ppb
Barium	135-1	36.90	36.37	37.77	37.01	1.91	ppb
Barium	137-1	38.02	38.53	38.35	38.30	0.68	ppb
Beryllium	9-1	0.02	0.02	0.03	0.02	18.94	ppb
Bismuth	209-1				111		%
Bismuth	209-2				90		%
Boron	10-1	31.90	32.71	33.26	32.62	2.09	ppb
Boron	11-1	32.19	31.04	30.02	31.09	3.50	ppb
Cadmium	111-1	-0.12	-0.17	-0.12	-0.14		ppb
Cadmium	106-1	-1.88	-2.70	-2.08	-2.22		ppb
Cadmium	108-1	0.06	0.17	-0.01	0.07	116.20	ppb
Calcium	43-1	66318.30	65871.59	67383.40	66524.43	1.17	ppb
Calcium	44-1	66205.62	65824.48	67321.39	66450.50	1.17	ppb
Chromium	52-2	0.57	0.72	0.50	0.60	19.31	ppb
Cobalt	59-2	0.34	0.32	0.24	0.30	16.92	ppb
Copper	63-2	2.55	2.47	2.54	2.52	1.62	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				89		%
Indium	115-1				99		%
Indium	115-2				77		%
Iron	56-2	34583.85	34323.44	33365.84	34091.04	1.88	ppb
Iron	57-2	33782.51	33991.39	33007.28	33593.72	1.54	ppb
Krypton	83-1						cps
Lead	206-1	0.16	0.17	0.16	0.16	4.12	ppb
Lead	207-1	0.13	0.16	0.12	0.14	11.45	ppb
Lead	208-1	0.14	0.15	0.14	0.14	3.43	ppb
Lithium	6-1				99		%
Magnesium	24-2	9006.39	8797.84	8695.48	8833.24	1.79	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2836.48	2794.32	2731.73	2787.51	1.89	ppb
Molybdenum	94-1	0.52	0.44	0.53	0.50	10.24	ppb
Molybdenum	95-1	0.44	0.49	0.52	0.48	8.56	ppb
Molybdenum	96-1	0.57	0.59	0.56	0.58	2.48	ppb
Molybdenum	97-1	0.44	0.62	0.50	0.52	17.53	ppb
Molybdenum	98-1	0.54	0.60	0.52	0.55	7.45	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.55	0.48	0.59	0.54	9.69	ppb
Phosphorus	31-2	0.00	76.03	111.79	62.60	91.19	ppb
Potassium	39-2	4614.90	4307.88	4357.34	4426.70	3.72	ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				89		%
Scandium	45-2				67		%
Selenium	77-2	-4.33	-4.33	4.13	-1.51		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.61	0.05	0.34	0.33	84.32	ppb
Silicon	28-1	10586.86	10545.86	10774.73	10635.82	1.15	ppb
Silver	109-1	0.06	0.05	0.06	0.06	13.48	ppb
Silver	107-1	0.06	0.06	0.06	0.06	6.89	ppb
Sodium	23-2	4331.98	4284.35	4178.65	4264.99	1.84	ppb
Strontium	86-1	218.24	222.26	223.21	221.24	1.19	ppb
Strontium	88-1	226.52	227.97	228.24	227.58	0.41	ppb
Sulfur	34-1	-1367.34	-1595.77	-1387.14	-1450.09		ppb
Terbium	159-1				108		%
Terbium	159-2				89		%
Thallium	203-1	-0.04	-0.03	-0.03	-0.04		ppb
Thallium	205-1	-0.03	-0.04	-0.02	-0.03		ppb
Tin	118-1	2.31	2.53	2.43	2.42	4.68	ppb
Titanium	47-1	1.11	1.32	1.27	1.24	8.78	ppb
Uranium	238-1	0.04	0.04	0.05	0.04	15.22	ppb
Vanadium	51-2	0.25	0.22	0.26	0.25	8.60	ppb
Yttrium	89-1				96		%
Yttrium	89-2				74		%
Zinc	66-2	8.36	7.30	7.77	7.81	6.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.11	0.09	0.09	22.28	ppb
Zirconium	91-1	0.18	0.19	0.16	0.18	10.40	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9.52	6.98	9.20	8.57	16.18	ppb
Antimony	121-1	0.51	0.55	0.53	0.53	3.38	ppb
Arsenic	75-2	51.50	50.97	51.60	51.36	0.66	ppb
Barium	135-1	36.34	36.87	37.55	36.92	1.65	ppb
Barium	137-1	37.01	37.78	38.92	37.90	2.53	ppb
Beryllium	9-1	0.03	0.00	-0.02	0.01	423.07	ppb
Bismuth	209-1				111		%
Bismuth	209-2				91		%
Boron	10-1	27.84	26.58	27.13	27.18	2.32	ppb
Boron	11-1	25.28	25.16	25.11	25.18	0.35	ppb
Cadmium	111-1	-0.15	-0.20	-0.23	-0.20		ppb
Cadmium	106-1	-2.32	-2.72	-3.30	-2.78		ppb
Cadmium	108-1	-0.01	0.10	-0.04	0.02	394.21	ppb
Calcium	43-1	65995.39	65981.49	66867.55	66281.48	0.77	ppb
Calcium	44-1	65256.68	65676.58	66848.99	65927.42	1.25	ppb
Chromium	52-2	0.45	0.52	0.50	0.49	7.85	ppb
Cobalt	59-2	0.29	0.24	0.29	0.27	11.81	ppb
Copper	63-2	2.21	2.31	2.39	2.30	3.76	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				78		%
Iron	56-2	33392.20	32398.87	32464.41	32751.83	1.70	ppb
Iron	57-2	32688.74	31962.02	31965.97	32205.58	1.30	ppb
Krypton	83-1						cps
Lead	206-1	0.17	0.16	0.21	0.18	15.45	ppb
Lead	207-1	0.15	0.17	0.17	0.16	7.75	ppb
Lead	208-1	0.16	0.16	0.18	0.17	9.17	ppb
Lithium	6-1				98		%
Magnesium	24-2	8760.05	8548.22	8529.95	8612.74	1.49	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	2738.90	2668.52	2672.99	2693.47	1.46	ppb
Molybdenum	94-1	0.50	0.57	0.53	0.53	7.19	ppb
Molybdenum	95-1	0.49	0.47	0.53	0.50	5.40	ppb
Molybdenum	96-1	0.54	0.54	0.58	0.55	4.70	ppb
Molybdenum	97-1	0.48	0.39	0.57	0.48	18.78	ppb
Molybdenum	98-1	0.48	0.49	0.52	0.50	4.24	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.30	0.55	0.57	0.47	31.38	ppb
Phosphorus	31-2	37.55	73.36	36.51	49.14	42.70	ppb
Potassium	39-2	4263.76	4150.20	4057.16	4157.04	2.49	ppb
Rhodium	103-1				97		%
Rhodium	103-2				85		%
Scandium	45-1				89		%
Scandium	45-2				68		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.71	-0.72	-0.72	-0.24		ppb
Selenium	82-1	0.62	0.56	0.57	0.58	4.83	ppb
Silicon	28-1	10409.86	10430.56	10703.89	10514.77	1.56	ppb
Silver	109-1	0.06	0.05	0.06	0.06	9.47	ppb
Silver	107-1	0.05	0.05	0.06	0.05	5.35	ppb
Sodium	23-2	4220.97	4099.55	4057.81	4126.11	2.05	ppb
Strontium	86-1	217.09	220.09	223.13	220.10	1.37	ppb
Strontium	88-1	220.89	225.14	229.68	225.24	1.95	ppb
Sulfur	34-1	-1846.93	-1882.29	-1655.71	-1794.98		ppb
Terbium	159-1				107		%
Terbium	159-2				91		%
Thallium	203-1	-0.04	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	2.15	2.35	2.37	2.29	5.15	ppb
Titanium	47-1	1.41	1.62	1.65	1.56	8.51	ppb
Uranium	238-1	0.04	0.04	0.05	0.05	8.18	ppb
Vanadium	51-2	0.16	0.18	0.11	0.15	22.53	ppb
Yttrium	89-1				96		%
Yttrium	89-2				76		%
Zinc	66-2	14.52	13.51	13.02	13.69	5.57	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.14	0.12	18.87	ppb
Zirconium	91-1	0.12	0.15	0.11	0.13	16.37	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.14	28.33	11.63	15.70	71.11	ppb
Antimony	121-1	0.75	0.71	0.76	0.74	3.55	ppb
Arsenic	75-2	1.43	1.29	1.14	1.29	11.57	ppb
Barium	135-1	17.27	18.01	17.56	17.62	2.10	ppb
Barium	137-1	18.09	17.77	18.08	17.98	0.99	ppb
Beryllium	9-1	-0.01	0.02	0.00	0.01	316.26	ppb
Bismuth	209-1				111		%
Bismuth	209-2				90		%
Boron	10-1	23.33	25.80	26.52	25.22	6.63	ppb
Boron	11-1	25.31	24.83	25.33	25.16	1.12	ppb
Cadmium	111-1	-0.17	-0.16	-0.15	-0.16		ppb
Cadmium	106-1	-2.58	-1.98	-1.90	-2.16		ppb
Cadmium	108-1	-0.04	0.10	0.10	0.05	148.90	ppb
Calcium	43-1	30998.71	31273.80	30870.30	31047.60	0.66	ppb
Calcium	44-1	30925.70	30827.13	30890.62	30881.15	0.16	ppb
Chromium	52-2	0.50	0.54	0.60	0.55	8.83	ppb
Cobalt	59-2	5.74	5.77	5.42	5.64	3.47	ppb
Copper	63-2	3.78	3.99	3.70	3.83	3.87	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				77		%
Iron	56-2	281.31	286.68	281.87	283.28	1.04	ppb
Iron	57-2	270.04	304.82	279.11	284.66	6.34	ppb
Krypton	83-1						cps
Lead	206-1	0.07	0.04	0.06	0.06	25.45	ppb
Lead	207-1	0.04	0.04	0.03	0.04	22.91	ppb
Lead	208-1	0.05	0.05	0.04	0.05	15.49	ppb
Lithium	6-1				97		%
Magnesium	24-2	9105.24	9160.14	9043.40	9102.93	0.64	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7578.12	7641.88	7465.22	7561.74	1.18	ppb
Molybdenum	94-1	0.27	0.24	0.26	0.25	6.32	ppb
Molybdenum	95-1	0.30	0.22	0.32	0.28	18.79	ppb
Molybdenum	96-1	0.30	0.29	0.33	0.31	7.64	ppb
Molybdenum	97-1	0.30	0.23	0.18	0.24	24.76	ppb
Molybdenum	98-1	0.22	0.26	0.29	0.26	14.97	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.39	5.42	5.82	5.54	4.33	ppb
Phosphorus	31-2	0.00	0.00	36.96	12.32	173.21	ppb
Potassium	39-2	2671.75	2721.25	2714.23	2702.41	0.99	ppb
Rhodium	103-1				97		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				67		%
Selenium	77-2	4.40	-4.33	-4.33	-1.42		ppb
Selenium	78-2	0.73	3.59	-0.72	1.20	182.21	ppb
Selenium	82-1	0.28	0.60	-0.04	0.28	113.66	ppb
Silicon	28-1	9763.61	9743.34	9627.87	9711.61	0.75	ppb
Silver	109-1	0.05	0.04	0.05	0.04	14.14	ppb
Silver	107-1	0.04	0.04	0.03	0.04	13.26	ppb
Sodium	23-2	4758.45	4842.53	4682.00	4761.00	1.69	ppb
Strontium	86-1	166.05	166.17	165.95	166.06	0.07	ppb
Strontium	88-1	173.56	172.51	172.72	172.93	0.32	ppb
Sulfur	34-1	-925.46	-770.64	-1080.25	-925.45		ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	-0.04	-0.05	-0.03	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	1.98	2.11	2.09	2.06	3.54	ppb
Titanium	47-1	1.18	1.27	1.24	1.23	3.76	ppb
Uranium	238-1	0.13	0.15	0.12	0.13	12.23	ppb
Vanadium	51-2	0.08	0.03	0.10	0.07	46.63	ppb
Yttrium	89-1				95		%
Yttrium	89-2				75		%
Zinc	66-2	8.31	9.50	10.23	9.35	10.36	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.04	0.04	0.04	0.53	ppb
Zirconium	91-1	0.08	0.03	0.05	0.06	44.18	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	23.01	18.89	11.71	17.87	31.99	ppb
Antimony	121-1	0.79	0.80	0.90	0.83	7.65	ppb
Arsenic	75-2	1.24	1.45	1.15	1.28	12.40	ppb
Barium	135-1	18.05	18.54	18.08	18.22	1.52	ppb
Barium	137-1	18.16	18.33	18.50	18.33	0.93	ppb
Beryllium	9-1	0.03	-0.01	0.01	0.01	156.44	ppb
Bismuth	209-1				110		%
Bismuth	209-2				90		%
Boron	10-1	24.64	26.28	26.42	25.78	3.82	ppb
Boron	11-1	23.40	24.40	24.03	23.94	2.12	ppb
Cadmium	111-1	-0.13	-0.12	-0.19	-0.15		ppb
Cadmium	106-1	-1.98	-1.83	-2.58	-2.13		ppb
Cadmium	108-1	-0.04	0.10	0.03	0.03	226.34	ppb
Calcium	43-1	31500.70	31888.44	31992.41	31793.85	0.82	ppb
Calcium	44-1	31649.43	31629.10	31728.21	31668.91	0.17	ppb
Chromium	52-2	0.37	0.50	0.38	0.42	17.39	ppb
Cobalt	59-2	5.75	5.53	5.81	5.70	2.64	ppb
Copper	63-2	4.29	4.42	4.40	4.37	1.64	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				106		%
Holmium	165-2				89		%
Indium	115-1				98		%
Indium	115-2				76		%
Iron	56-2	283.81	294.02	283.89	287.24	2.05	ppb
Iron	57-2	302.71	300.92	285.10	296.24	3.27	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.03	0.01	0.02	63.57	ppb
Lead	207-1	-0.01	0.00	0.00	0.00	8851.22	ppb
Lead	208-1	-0.01	0.00	0.00	0.00		ppb
Lithium	6-1				96		%
Magnesium	24-2	9288.05	9425.69	9218.60	9310.78	1.13	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	7687.21	7873.79	7723.75	7761.59	1.27	ppb
Molybdenum	94-1	0.26	0.28	0.31	0.28	8.36	ppb
Molybdenum	95-1	0.24	0.30	0.26	0.27	10.94	ppb
Molybdenum	96-1	0.28	0.23	0.26	0.26	10.61	ppb
Molybdenum	97-1	0.20	0.21	0.24	0.22	8.47	ppb
Molybdenum	98-1	0.23	0.24	0.27	0.25	8.67	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	5.81	5.44	5.77	5.67	3.54	ppb
Phosphorus	31-2	0.00	37.69	0.00	12.56	173.21	ppb
Potassium	39-2	2802.60	2790.13	2679.00	2757.24	2.47	ppb
Rhodium	103-1				96		%
Rhodium	103-2				84		%
Scandium	45-1				88		%
Scandium	45-2				68		%
Selenium	77-2	-4.33	4.51	-4.33	-1.38		ppb
Selenium	78-2	-0.72	-0.72	0.74	-0.23		ppb
Selenium	82-1	0.41	1.09	0.09	0.53	96.43	ppb
Silicon	28-1	9914.20	10009.79	9938.40	9954.13	0.50	ppb
Silver	109-1	0.06	0.04	0.05	0.05	19.41	ppb
Silver	107-1	0.05	0.05	0.04	0.04	12.76	ppb
Sodium	23-2	4833.48	4906.68	4853.09	4864.42	0.78	ppb
Strontium	86-1	170.23	169.77	169.27	169.76	0.28	ppb
Strontium	88-1	173.23	176.79	176.73	175.58	1.16	ppb
Sulfur	34-1	-809.96	-752.52	-752.23	-771.57		ppb
Terbium	159-1				106		%
Terbium	159-2				89		%
Thallium	203-1	-0.05	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.03	-0.04		ppb
Tin	118-1	1.80	1.93	1.94	1.89	3.99	ppb
Titanium	47-1	1.12	1.12	1.11	1.12	0.77	ppb
Uranium	238-1	0.13	0.14	0.15	0.14	5.55	ppb
Vanadium	51-2	0.05	0.05	0.09	0.06	33.70	ppb
Yttrium	89-1				95		%
Yttrium	89-2				74		%
Zinc	66-2	8.64	9.42	8.41	8.82	5.98	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.04	0.06	0.05	0.05	18.10	ppb
Zirconium	91-1	0.01	0.06	0.05	0.04	63.27	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47713.71	47709.37	45840.16	47087.75	2.29	ppb
Antimony	121-1	511.88	458.16	454.42	474.82	6.77	ppb
Arsenic	75-2	474.94	485.12	479.17	479.74	1.07	ppb
Barium	135-1	2726.31	2465.86	2453.91	2548.69	6.04	ppb
Barium	137-1	2741.12	2473.87	2439.61	2551.54	6.47	ppb
Beryllium	9-1	575.51	508.70	506.79	530.34	7.38	ppb
Bismuth	209-1				102		%
Bismuth	209-2				97		%
Boron	10-1	547.99	493.38	518.99	520.12	5.25	ppb
Boron	11-1	533.87	493.25	505.94	511.02	4.07	ppb
Cadmium	111-1	519.63	468.46	465.80	484.63	6.26	ppb
Cadmium	106-1	510.85	459.19	458.54	476.19	6.30	ppb
Cadmium	108-1	531.36	468.15	462.51	487.34	7.84	ppb
Calcium	43-1	254110.73	230486.31	231992.78	238863.27	5.54	ppb
Calcium	44-1	256911.35	229960.94	229860.82	238911.04	6.52	ppb
Chromium	52-2	508.84	513.50	500.20	507.51	1.33	ppb
Cobalt	59-2	499.95	500.51	489.79	496.75	1.21	ppb
Copper	63-2	980.85	979.24	959.00	973.03	1.25	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				99		%
Indium	115-2				91		%
Iron	56-2	128219.21	128902.66	125664.28	127595.38	1.34	ppb
Iron	57-2	126319.04	126670.06	124010.09	125666.40	1.15	ppb
Krypton	83-1						cps
Lead	206-1	570.32	512.65	513.97	532.31	6.19	ppb
Lead	207-1	572.01	514.60	515.58	534.06	6.15	ppb
Lead	208-1	571.66	512.89	512.22	532.26	6.41	ppb
Lithium	6-1				91		%
Magnesium	24-2	245747.31	243000.00	237426.87	242058.06	1.75	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	969.90	965.31	948.20	961.14	1.19	ppb
Molybdenum	94-1	2807.41	2480.42	2509.28	2599.04	6.97	ppb
Molybdenum	95-1	2789.95	2463.95	2485.05	2579.65	7.07	ppb
Molybdenum	96-1	2768.23	2470.46	2494.84	2577.85	6.41	ppb
Molybdenum	97-1	2798.06	2494.55	2493.02	2595.21	6.77	ppb
Molybdenum	98-1	2784.15	2474.18	2512.08	2590.13	6.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	505.63	504.81	494.46	501.63	1.24	ppb
Phosphorus	31-2	7635.70	9387.91	9473.30	8832.31	11.74	ppb
Potassium	39-2	117740.09	118551.69	117603.96	117965.25	0.43	ppb
Rhodium	103-1				97		%
Rhodium	103-2				93		%
Scandium	45-1				98		%
Scandium	45-2				91		%
Selenium	77-2	376.81	388.38	370.31	378.50	2.42	ppb
Selenium	78-2	477.71	464.78	458.66	467.05	2.08	ppb
Selenium	82-1	538.59	475.44	476.64	496.89	7.27	ppb
Silicon	28-1	587.28	534.51	534.13	551.97	5.54	ppb
Silver	109-1	528.00	473.06	477.53	492.86	6.19	ppb
Silver	107-1	532.65	475.51	473.34	493.83	6.81	ppb
Sodium	23-2	245861.89	245842.66	240494.52	244066.35	1.27	ppb
Strontium	86-1	542.53	484.46	491.86	506.28	6.24	ppb
Strontium	88-1	551.82	493.60	499.57	515.00	6.22	ppb
Sulfur	34-1	10580.28	8346.59	8159.36	9028.74	14.92	ppb
Terbium	159-1				107		%
Terbium	159-2				102		%
Thallium	203-1	568.98	507.42	511.83	529.41	6.49	ppb
Thallium	205-1	569.92	500.10	506.99	525.67	7.32	ppb
Tin	118-1	537.81	488.31	484.85	503.66	5.88	ppb
Titanium	47-1	2742.77	2469.32	2515.46	2575.85	5.68	ppb
Uranium	238-1	577.77	507.15	512.61	532.51	7.38	ppb
Vanadium	51-2	500.96	496.54	490.83	496.11	1.02	ppb
Yttrium	89-1				101		%
Yttrium	89-2				93		%
Zinc	66-2	960.19	951.36	941.01	950.85	1.01	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	555.41	497.38	502.54	518.44	6.19	ppb
Zirconium	91-1	549.78	492.79	493.08	511.89	6.41	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:36:17	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.49	8.52	3.09	4.37	84.33	ppb
Antimony	121-1	0.11	0.11	0.09	0.11	11.57	ppb
Arsenic	75-2	-0.06	-0.04	-0.01	-0.04		ppb
Barium	135-1	-0.03	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.04	-0.01	-0.02		ppb
Beryllium	9-1	0.00	0.02	-0.06	-0.01		ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	7.07	6.61	5.77	6.48	10.21	ppb
Boron	11-1	6.21	5.83	5.54	5.86	5.71	ppb
Cadmium	111-1	-0.10	-0.12	-0.05	-0.09		ppb
Cadmium	106-1	-1.17	-1.77	-0.75	-1.23		ppb
Cadmium	108-1	-0.01	0.03	-0.01	0.01	315.06	ppb
Calcium	43-1	3.57	2.06	4.73	3.45	38.84	ppb
Calcium	44-1	0.32	-0.56	0.38	0.05	1097.06	ppb
Chromium	52-2	0.12	-0.03	0.01	0.03	218.98	ppb
Cobalt	59-2	-0.06	-0.05	-0.05	-0.05		ppb
Copper	63-2	0.11	0.09	0.02	0.08	59.90	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				107		%
Holmium	165-2				100		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	0.42	0.43	0.46	0.44	5.37	ppb
Iron	57-2	-0.70	2.98	-0.33	0.65	311.89	ppb
Krypton	83-1						cps
Lead	206-1	-0.06	-0.05	-0.04	-0.05		ppb
Lead	207-1	-0.06	-0.07	-0.05	-0.06		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1				98		%
Magnesium	24-2	3.06	0.83	3.42	2.44	57.51	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:36:17	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.09	-0.11	-0.12	-0.10		ppb
Molybdenum	94-1	0.20	0.26	0.23	0.23	13.76	ppb
Molybdenum	95-1	0.05	0.06	0.05	0.05	10.13	ppb
Molybdenum	96-1	0.11	0.04	0.10	0.08	46.74	ppb
Molybdenum	97-1	0.09	0.11	0.07	0.09	22.52	ppb
Molybdenum	98-1	0.07	0.07	0.08	0.07	8.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.12	0.01	-0.06	-0.05		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	11.03	4.12	-1.04	4.70	128.84	ppb
Rhodium	103-1				104		%
Rhodium	103-2				98		%
Scandium	45-1				99		%
Scandium	45-2				89		%
Selenium	77-2	2.66	-4.33	-4.33	-2.00		ppb
Selenium	78-2	-0.72	2.82	0.45	0.85	211.48	ppb
Selenium	82-1	0.38	0.48	0.31	0.39	22.78	ppb
Silicon	28-1	-8.66	-7.52	-8.52	-8.24		ppb
Silver	109-1	0.02	0.02	0.03	0.02	21.19	ppb
Silver	107-1	0.03	0.01	0.03	0.02	36.47	ppb
Sodium	23-2	34.60	30.04	29.88	31.51	8.51	ppb
Strontium	86-1	0.03	0.02	-0.07	-0.01		ppb
Strontium	88-1	0.01	0.01	0.01	0.01	14.62	ppb
Sulfur	34-1	-956.83	-884.47	-1103.49	-981.60		ppb
Terbium	159-1				107		%
Terbium	159-2				100		%
Thallium	203-1	-0.03	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	0.00	0.01	0.00	0.00		ppb
Titanium	47-1	-0.03	0.01	0.21	0.06	208.40	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.02	-0.02	-0.03		ppb
Yttrium	89-1				102		%
Yttrium	89-2				92		%
Zinc	66-2	0.22	0.00	0.12	0.11	93.48	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:36:17	DataFile Name :	046CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.12	0.10	0.11	0.11	10.24	ppb
Zirconium	91-1	0.16	0.10	0.10	0.12	29.95	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : PB110970BL Instrumnet Name : P8
 Client Sample ID : PB110970BL Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 16:39:37 DataFile Name : 047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.62	3.09	-0.26	1.48	113.33	ppb
Antimony	121-1	0.05	0.06	0.07	0.06	20.11	ppb
Arsenic	75-2	-0.01	-0.06	-0.01	-0.03		ppb
Barium	135-1	-0.03	-0.05	-0.01	-0.03		ppb
Barium	137-1	-0.03	-0.04	-0.03	-0.03		ppb
Beryllium	9-1	0.01	0.03	0.01	0.02	76.70	ppb
Bismuth	209-1				111		%
Bismuth	209-2				100		%
Boron	10-1	5.45	5.08	5.65	5.40	5.35	ppb
Boron	11-1	5.55	5.27	4.40	5.07	11.74	ppb
Cadmium	111-1	-0.09	-0.01	-0.08	-0.06		ppb
Cadmium	106-1	-1.22	-0.05	-1.04	-0.77		ppb
Cadmium	108-1	-0.04	0.03	0.03	0.00	1013.62	ppb
Calcium	43-1	5.51	-1.57	4.72	2.88	134.51	ppb
Calcium	44-1	-1.46	-4.20	-4.17	-3.28		ppb
Chromium	52-2	0.09	0.01	-0.07	0.01	653.82	ppb
Cobalt	59-2	-0.05	-0.05	-0.06	-0.05		ppb
Copper	63-2	0.03	0.12	0.07	0.07	65.25	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				110		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				93		%
Iron	56-2	0.77	0.25	0.68	0.57	49.31	ppb
Iron	57-2	-1.67	-0.34	-0.05	-0.69		ppb
Krypton	83-1						cps
Lead	206-1	-0.06	-0.06	-0.06	-0.06		ppb
Lead	207-1	-0.07	-0.07	-0.05	-0.06		ppb
Lead	208-1	-0.06	-0.06	-0.06	-0.06		ppb
Lithium	6-1				102		%
Magnesium	24-2	1.55	-0.02	3.62	1.72	106.29	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BL	Instrumnet Name :	P8
Client Sample ID :	PB110970BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:39:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.20	-0.29	-0.10	-0.19		ppb
Molybdenum	94-1	0.19	0.11	0.18	0.16	26.28	ppb
Molybdenum	95-1	0.04	0.03	0.02	0.03	33.93	ppb
Molybdenum	96-1	0.08	0.04	0.02	0.05	59.05	ppb
Molybdenum	97-1	0.02	0.04	0.03	0.03	38.80	ppb
Molybdenum	98-1	0.04	0.05	0.04	0.05	5.79	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.10	-0.05	-0.11	-0.09		ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	14.58	10.13	12.53	12.41	17.92	ppb
Rhodium	103-1				108		%
Rhodium	103-2				99		%
Scandium	45-1				103		%
Scandium	45-2				87		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.38	-0.20	-0.14	0.01	2553.61	ppb
Silicon	28-1	-11.62	-12.55	-12.28	-12.15		ppb
Silver	109-1	0.01	0.02	0.03	0.02	47.60	ppb
Silver	107-1	0.02	0.01	0.02	0.02	20.63	ppb
Sodium	23-2	37.99	31.48	33.66	34.38	9.64	ppb
Strontium	86-1	-0.03	-0.02	-0.02	-0.02		ppb
Strontium	88-1	0.00	0.01	0.01	0.01	75.35	ppb
Sulfur	34-1	-1420.77	-1498.34	-1523.33	-1480.81		ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	-0.04	-0.05	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.02	-0.03		ppb
Tin	118-1	-0.02	0.00	0.02	0.00	1318.84	ppb
Titanium	47-1	0.00	0.05	-0.06	0.00		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.01	-0.01	-0.04	-0.02		ppb
Yttrium	89-1				106		%
Yttrium	89-2				92		%
Zinc	66-2	0.77	0.58	0.30	0.55	42.99	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BL	Instrumnet Name :	P8
Client Sample ID :	PB110970BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:39:37	DataFile Name :	047CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.05	0.06	0.05	9.38	ppb
Zirconium	91-1	0.08	0.04	0.09	0.07	40.79	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	9513.54	9498.04	9444.93	9485.50	0.38	ppb
Antimony	121-1	482.17	509.63	504.02	498.61	2.91	ppb
Arsenic	75-2	481.74	490.20	481.04	484.33	1.05	ppb
Barium	135-1	2447.47	2568.06	2533.36	2516.30	2.47	ppb
Barium	137-1	2430.75	2575.08	2513.30	2506.38	2.89	ppb
Beryllium	9-1	492.58	514.93	505.80	504.43	2.23	ppb
Bismuth	209-1				109		%
Bismuth	209-2				101		%
Boron	10-1	457.93	490.92	482.71	477.19	3.60	ppb
Boron	11-1	441.49	481.27	484.13	468.96	5.08	ppb
Cadmium	111-1	483.39	506.06	500.74	496.73	2.39	ppb
Cadmium	106-1	470.32	506.36	497.80	491.49	3.83	ppb
Cadmium	108-1	480.18	510.37	494.15	494.90	3.05	ppb
Calcium	43-1	46462.43	48593.58	47704.42	47586.81	2.25	ppb
Calcium	44-1	46576.87	48556.74	47564.67	47566.09	2.08	ppb
Chromium	52-2	500.62	500.90	501.86	501.13	0.13	ppb
Cobalt	59-2	506.64	509.24	508.70	508.19	0.27	ppb
Copper	63-2	1020.96	1026.50	1027.23	1024.89	0.33	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				110		%
Holmium	165-2				102		%
Indium	115-1				105		%
Indium	115-2				93		%
Iron	56-2	26069.11	25996.37	25999.67	26021.72	0.16	ppb
Iron	57-2	25566.29	25708.68	25824.80	25699.92	0.50	ppb
Krypton	83-1						cps
Lead	206-1	500.72	524.42	519.52	514.89	2.43	ppb
Lead	207-1	504.14	519.76	512.67	512.19	1.53	ppb
Lead	208-1	503.06	522.58	516.06	513.90	1.93	ppb
Lithium	6-1				100		%
Magnesium	24-2	51286.26	50628.35	51278.37	51064.32	0.74	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	983.57	973.76	980.03	979.12	0.51	ppb
Molybdenum	94-1	2467.78	2577.36	2569.44	2538.20	2.41	ppb
Molybdenum	95-1	2471.75	2586.25	2546.94	2534.98	2.30	ppb
Molybdenum	96-1	2471.67	2603.63	2558.79	2544.70	2.64	ppb
Molybdenum	97-1	2479.73	2605.00	2575.58	2553.44	2.57	ppb
Molybdenum	98-1	2482.70	2591.66	2546.69	2540.35	2.16	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	511.24	510.97	509.12	510.44	0.23	ppb
Phosphorus	31-2	9277.27	8672.38	9961.85	9303.83	6.93	ppb
Potassium	39-2	23600.03	23403.79	23384.47	23462.76	0.51	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				101		%
Scandium	45-2				91		%
Selenium	77-2	422.28	548.92	514.29	495.17	13.22	ppb
Selenium	78-2	444.58	480.45	474.39	466.47	4.12	ppb
Selenium	82-1	488.46	510.64	507.53	502.21	2.39	ppb
Silicon	28-1	502.52	528.25	512.76	514.51	2.52	ppb
Silver	109-1	494.92	522.87	513.83	510.54	2.79	ppb
Silver	107-1	488.54	518.26	506.60	504.46	2.97	ppb
Sodium	23-2	50608.53	50351.92	51305.91	50755.45	0.97	ppb
Strontium	86-1	484.43	511.71	502.67	499.60	2.78	ppb
Strontium	88-1	494.60	518.50	511.75	508.28	2.42	ppb
Sulfur	34-1	8231.86	9212.49	8943.71	8796.02	5.76	ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	500.69	518.57	516.96	512.07	1.93	ppb
Thallium	205-1	498.51	516.44	511.95	508.97	1.83	ppb
Tin	118-1	492.58	513.19	501.16	502.31	2.06	ppb
Titanium	47-1	2489.88	2574.96	2537.97	2534.27	1.68	ppb
Uranium	238-1	492.67	508.61	508.61	503.30	1.83	ppb
Vanadium	51-2	498.21	498.78	498.63	498.54	0.06	ppb
Yttrium	89-1				105		%
Yttrium	89-2				94		%
Zinc	66-2	1001.83	1006.73	1006.84	1005.14	0.28	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.02	519.08	512.00	507.70	2.76	ppb
Zirconium	91-1	486.26	509.46	502.06	499.26	2.37	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	7.87	19.89	2.03	9.93	91.75	ppb
Antimony	121-1	1.99	1.58	1.31	1.63	21.02	ppb
Arsenic	75-2	0.34	0.17	0.30	0.27	32.98	ppb
Barium	135-1	3.59	3.70	3.34	3.54	5.31	ppb
Barium	137-1	3.84	3.64	3.58	3.69	3.66	ppb
Beryllium	9-1	0.12	0.12	0.20	0.15	28.91	ppb
Bismuth	209-1				110		%
Bismuth	209-2				96		%
Boron	10-1	28.49	24.93	23.05	25.49	10.84	ppb
Boron	11-1	27.87	26.00	24.08	25.99	7.29	ppb
Cadmium	111-1	-0.07	-0.05	0.05	-0.02		ppb
Cadmium	106-1	-1.63	-1.48	-0.06	-1.06		ppb
Cadmium	108-1	0.21	0.03	0.10	0.11	80.26	ppb
Calcium	43-1	6116.75	6013.44	6070.51	6066.90	0.85	ppb
Calcium	44-1	6260.10	6210.76	6184.66	6218.50	0.62	ppb
Chromium	52-2	0.35	0.21	0.16	0.24	41.46	ppb
Cobalt	59-2	1.07	1.14	1.02	1.08	5.38	ppb
Copper	63-2	1.00	0.89	0.95	0.95	6.03	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				93		%
Indium	115-1				103		%
Indium	115-2				85		%
Iron	56-2	54.33	56.51	56.33	55.72	2.18	ppb
Iron	57-2	49.17	55.39	43.53	49.37	12.02	ppb
Krypton	83-1						cps
Lead	206-1	0.00	0.03	0.01	0.01	101.76	ppb
Lead	207-1	0.01	0.01	0.00	0.00	116.65	ppb
Lead	208-1	0.01	0.01	0.00	0.01	57.30	ppb
Lithium	6-1				95		%
Magnesium	24-2	1721.54	1827.19	1795.50	1781.41	3.04	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1449.49	1443.55	1488.72	1460.59	1.68	ppb
Molybdenum	94-1	1.47	1.34	1.15	1.32	12.28	ppb
Molybdenum	95-1	1.56	1.27	1.19	1.34	14.72	ppb
Molybdenum	96-1	1.49	1.22	1.10	1.27	15.78	ppb
Molybdenum	97-1	1.62	1.26	1.21	1.36	16.49	ppb
Molybdenum	98-1	1.60	1.28	1.17	1.35	16.74	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.93	1.12	1.03	1.03	9.15	ppb
Phosphorus	31-2	0.00	0.00	33.29	11.10	173.21	ppb
Potassium	39-2	574.43	554.80	564.68	564.64	1.74	ppb
Rhodium	103-1				102		%
Rhodium	103-2				90		%
Scandium	45-1				95		%
Scandium	45-2				77		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	0.59	-0.72	-0.28		ppb
Selenium	82-1	0.07	-0.64	0.56	-0.01		ppb
Silicon	28-1	1950.21	1921.71	1948.54	1940.15	0.82	ppb
Silver	109-1	0.26	0.16	0.15	0.19	31.01	ppb
Silver	107-1	0.19	0.16	0.15	0.17	11.97	ppb
Sodium	23-2	974.22	977.11	992.36	981.23	0.99	ppb
Strontium	86-1	33.18	32.21	33.51	32.97	2.06	ppb
Strontium	88-1	33.49	32.89	33.37	33.25	0.94	ppb
Sulfur	34-1	-1617.27	-1776.34	-1733.77	-1709.13		ppb
Terbium	159-1				107		%
Terbium	159-2				94		%
Thallium	203-1	0.22	0.14	0.11	0.15	38.71	ppb
Thallium	205-1	0.19	0.14	0.11	0.15	26.29	ppb
Tin	118-1	0.72	0.65	0.55	0.64	13.06	ppb
Titanium	47-1	0.52	0.48	0.47	0.49	5.33	ppb
Uranium	238-1	0.04	0.03	0.03	0.04	17.75	ppb
Vanadium	51-2	0.01	0.01	0.01	0.01	13.23	ppb
Yttrium	89-1				99		%
Yttrium	89-2				82		%
Zinc	66-2	1.74	1.29	1.35	1.46	16.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.41	0.23	0.21	0.28	39.14	ppb
Zirconium	91-1	0.25	0.22	0.18	0.22	15.65	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8981.60	8970.50	8589.11	8847.07	2.53	ppb
Antimony	121-1	486.08	499.69	485.29	490.35	1.65	ppb
Arsenic	75-2	479.33	496.99	483.55	486.62	1.90	ppb
Barium	135-1	2359.71	2444.19	2359.65	2387.85	2.04	ppb
Barium	137-1	2336.25	2438.67	2377.95	2384.29	2.16	ppb
Beryllium	9-1	434.32	447.13	431.41	437.62	1.91	ppb
Bismuth	209-1				108		%
Bismuth	209-2				88		%
Boron	10-1	422.03	449.41	435.22	435.55	3.14	ppb
Boron	11-1	404.50	422.26	418.22	414.99	2.24	ppb
Cadmium	111-1	466.25	484.93	467.54	472.90	2.21	ppb
Cadmium	106-1	467.11	472.73	455.81	465.21	1.85	ppb
Cadmium	108-1	466.86	475.39	461.57	467.94	1.49	ppb
Calcium	43-1	79016.18	81977.29	78198.56	79730.68	2.49	ppb
Calcium	44-1	76568.31	79217.16	77331.21	77705.56	1.75	ppb
Chromium	52-2	525.34	540.72	518.52	528.19	2.15	ppb
Cobalt	59-2	544.98	565.67	547.97	552.87	2.02	ppb
Copper	63-2	1074.88	1116.41	1075.90	1089.06	2.18	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				90		%
Indium	115-1				96		%
Indium	115-2				76		%
Iron	56-2	26323.47	27382.56	26378.54	26694.85	2.23	ppb
Iron	57-2	26134.06	26625.73	25926.84	26228.88	1.37	ppb
Krypton	83-1						cps
Lead	206-1	500.77	519.23	498.96	506.32	2.22	ppb
Lead	207-1	480.44	503.66	489.39	491.16	2.38	ppb
Lead	208-1	488.78	511.67	495.71	498.72	2.35	ppb
Lithium	6-1				99		%
Magnesium	24-2	59013.88	62527.10	59211.84	60250.94	3.28	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8573.75	8866.57	8545.69	8662.00	2.05	ppb
Molybdenum	94-1	2486.45	2549.50	2444.68	2493.54	2.12	ppb
Molybdenum	95-1	2434.67	2499.67	2397.31	2443.88	2.12	ppb
Molybdenum	96-1	2435.56	2518.16	2417.12	2456.94	2.19	ppb
Molybdenum	97-1	2441.03	2543.93	2407.83	2464.26	2.88	ppb
Molybdenum	98-1	2432.36	2526.28	2422.44	2460.36	2.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	557.42	576.08	556.67	563.39	1.95	ppb
Phosphorus	31-2	71.82	37.40	72.40	60.54	33.10	ppb
Potassium	39-2	24839.94	25655.97	24677.03	25057.65	2.09	ppb
Rhodium	103-1				94		%
Rhodium	103-2				83		%
Scandium	45-1				88		%
Scandium	45-2				69		%
Selenium	77-2	467.58	449.06	544.78	487.14	10.42	ppb
Selenium	78-2	474.61	499.71	471.97	482.10	3.18	ppb
Selenium	82-1	487.17	507.78	490.46	495.14	2.24	ppb
Silicon	28-1	10263.74	10576.46	10247.81	10362.67	1.79	ppb
Silver	109-1	386.31	396.79	387.83	390.31	1.45	ppb
Silver	107-1	385.71	403.10	387.82	392.21	2.42	ppb
Sodium	23-2	56907.03	57872.99	56001.33	56927.12	1.64	ppb
Strontium	86-1	665.97	676.76	656.25	666.33	1.54	ppb
Strontium	88-1	668.68	692.58	657.78	673.01	2.64	ppb
Sulfur	34-1	-888.51	-560.94	-905.36	-784.94		ppb
Terbium	159-1				105		%
Terbium	159-2				90		%
Thallium	203-1	498.18	518.00	501.23	505.80	2.11	ppb
Thallium	205-1	490.22	515.34	497.52	501.03	2.58	ppb
Tin	118-1	443.57	461.99	448.65	451.40	2.11	ppb
Titanium	47-1	2375.94	2450.79	2383.78	2403.50	1.71	ppb
Uranium	238-1	497.83	523.41	502.51	507.92	2.68	ppb
Vanadium	51-2	518.31	531.57	517.33	522.40	1.52	ppb
Yttrium	89-1				94		%
Yttrium	89-2				75		%
Zinc	66-2	1008.19	1028.62	1004.17	1013.66	1.29	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	505.06	521.68	498.22	508.32	2.37	ppb
Zirconium	91-1	501.79	513.75	493.19	502.91	2.05	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8849.95	8652.38	8787.82	8763.38	1.15	ppb
Antimony	121-1	464.90	497.90	482.00	481.60	3.43	ppb
Arsenic	75-2	475.84	476.77	467.54	473.38	1.07	ppb
Barium	135-1	2245.14	2424.35	2334.22	2334.57	3.84	ppb
Barium	137-1	2271.74	2450.48	2363.74	2361.98	3.78	ppb
Beryllium	9-1	424.62	442.22	441.06	435.97	2.26	ppb
Bismuth	209-1				106		%
Bismuth	209-2				84		%
Boron	10-1	409.74	443.68	452.25	435.22	5.17	ppb
Boron	11-1	401.38	431.14	429.55	420.69	3.98	ppb
Cadmium	111-1	449.26	489.60	470.26	469.71	4.29	ppb
Cadmium	106-1	441.99	482.23	454.39	459.54	4.49	ppb
Cadmium	108-1	448.39	486.21	464.30	466.30	4.07	ppb
Calcium	43-1	76819.54	81037.22	80776.85	79544.54	2.97	ppb
Calcium	44-1	75967.90	80915.75	79573.73	78819.13	3.25	ppb
Chromium	52-2	514.66	520.14	521.12	518.64	0.67	ppb
Cobalt	59-2	544.63	547.13	544.99	545.59	0.25	ppb
Copper	63-2	1076.20	1090.25	1077.97	1081.48	0.71	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				105		%
Holmium	165-2				86		%
Indium	115-1				95		%
Indium	115-2				72		%
Iron	56-2	26294.48	26391.82	26192.76	26293.02	0.38	ppb
Iron	57-2	25790.72	25983.04	25876.32	25883.36	0.37	ppb
Krypton	83-1						cps
Lead	206-1	491.94	528.05	511.44	510.48	3.54	ppb
Lead	207-1	469.26	513.57	498.30	493.71	4.56	ppb
Lead	208-1	486.29	522.47	508.55	505.77	3.61	ppb
Lithium	6-1				98		%
Magnesium	24-2	59046.41	59123.17	58895.42	59021.67	0.20	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8009.92	8015.35	8019.52	8014.93	0.06	ppb
Molybdenum	94-1	2401.16	2579.73	2480.05	2486.98	3.60	ppb
Molybdenum	95-1	2340.60	2514.27	2441.60	2432.16	3.59	ppb
Molybdenum	96-1	2363.30	2535.45	2435.35	2444.70	3.54	ppb
Molybdenum	97-1	2373.31	2544.03	2472.67	2463.34	3.48	ppb
Molybdenum	98-1	2362.84	2545.01	2464.00	2457.28	3.71	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	556.58	562.35	557.37	558.77	0.56	ppb
Phosphorus	31-2	0.00	0.00	38.50	12.83	173.21	ppb
Potassium	39-2	24374.19	24151.13	24627.01	24384.11	0.98	ppb
Rhodium	103-1				94		%
Rhodium	103-2				80		%
Scandium	45-1				86		%
Scandium	45-2				66		%
Selenium	77-2	492.67	540.35	473.26	502.09	6.88	ppb
Selenium	78-2	419.95	442.82	492.49	451.75	8.21	ppb
Selenium	82-1	477.74	516.61	497.05	497.14	3.91	ppb
Silicon	28-1	10064.03	10707.62	10518.86	10430.17	3.17	ppb
Silver	109-1	375.07	401.89	384.29	387.08	3.52	ppb
Silver	107-1	374.64	404.21	382.88	387.24	3.94	ppb
Sodium	23-2	56686.46	56100.12	56236.43	56341.00	0.54	ppb
Strontium	86-1	635.63	686.44	659.92	660.67	3.85	ppb
Strontium	88-1	639.10	687.96	664.88	663.98	3.68	ppb
Sulfur	34-1	-1022.23	-267.44	-680.37	-656.68		ppb
Terbium	159-1				105		%
Terbium	159-2				86		%
Thallium	203-1	493.79	529.12	514.88	512.60	3.47	ppb
Thallium	205-1	492.38	527.47	510.18	510.01	3.44	ppb
Tin	118-1	432.94	468.50	444.20	448.55	4.05	ppb
Titanium	47-1	2329.96	2489.38	2456.04	2425.13	3.47	ppb
Uranium	238-1	501.83	540.32	519.00	520.38	3.71	ppb
Vanadium	51-2	512.42	513.32	515.10	513.61	0.27	ppb
Yttrium	89-1				94		%
Yttrium	89-2				72		%
Zinc	66-2	995.74	1012.89	992.73	1000.45	1.09	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	490.28	523.98	506.47	506.91	3.32	ppb
Zirconium	91-1	479.23	518.72	498.89	498.94	3.96	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8720.88	8774.95	8916.16	8804.00	1.15	ppb
Antimony	121-1	470.30	474.65	549.40	498.12	8.93	ppb
Arsenic	75-2	479.17	481.92	481.07	480.72	0.29	ppb
Barium	135-1	2310.66	2331.53	2687.78	2443.32	8.68	ppb
Barium	137-1	2317.76	2334.20	2711.02	2454.33	9.06	ppb
Beryllium	9-1	439.61	436.65	487.32	454.53	6.26	ppb
Bismuth	209-1				104		%
Bismuth	209-2				87		%
Boron	10-1	440.06	447.13	502.73	463.31	7.41	ppb
Boron	11-1	420.06	425.15	483.90	443.04	8.01	ppb
Cadmium	111-1	456.53	458.34	531.23	482.03	8.84	ppb
Cadmium	106-1	447.31	447.04	530.66	475.00	10.15	ppb
Cadmium	108-1	446.93	458.27	523.14	476.11	8.64	ppb
Calcium	43-1	78468.55	79217.01	88535.56	82073.70	6.83	ppb
Calcium	44-1	76699.38	77569.86	87838.78	80702.68	7.68	ppb
Chromium	52-2	526.81	524.42	526.10	525.78	0.23	ppb
Cobalt	59-2	556.07	550.72	549.99	552.26	0.60	ppb
Copper	63-2	1086.25	1096.01	1087.74	1090.00	0.48	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				103		%
Holmium	165-2				90		%
Indium	115-1				93		%
Indium	115-2				75		%
Iron	56-2	26703.48	26704.67	26490.41	26632.86	0.46	ppb
Iron	57-2	26447.34	26397.46	26079.74	26308.18	0.76	ppb
Krypton	83-1						cps
Lead	206-1	504.12	512.72	584.40	533.75	8.26	ppb
Lead	207-1	480.36	490.40	568.38	513.04	9.39	ppb
Lead	208-1	493.32	501.05	576.80	523.72	8.81	ppb
Lithium	6-1				95		%
Magnesium	24-2	59018.70	59523.26	59176.75	59239.57	0.44	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	8516.48	8509.28	8425.18	8483.64	0.60	ppb
Molybdenum	94-1	2433.79	2400.99	2816.02	2550.26	9.05	ppb
Molybdenum	95-1	2402.91	2364.02	2762.36	2509.76	8.75	ppb
Molybdenum	96-1	2396.62	2374.26	2778.12	2516.33	9.02	ppb
Molybdenum	97-1	2421.50	2381.53	2796.75	2533.26	9.04	ppb
Molybdenum	98-1	2396.77	2389.02	2786.51	2524.10	9.00	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	564.94	567.30	560.93	564.39	0.57	ppb
Phosphorus	31-2	0.00	0.00	146.30	48.77	173.21	ppb
Potassium	39-2	24710.50	24689.08	24793.63	24731.07	0.22	ppb
Rhodium	103-1				92		%
Rhodium	103-2				83		%
Scandium	45-1				85		%
Scandium	45-2				69		%
Selenium	77-2	465.75	551.11	451.02	489.29	11.05	ppb
Selenium	78-2	503.27	468.52	509.15	493.65	4.45	ppb
Selenium	82-1	487.16	478.12	557.40	507.56	8.55	ppb
Silicon	28-1	10092.91	10163.81	11610.80	10622.51	8.06	ppb
Silver	109-1	377.99	384.68	441.80	401.49	8.74	ppb
Silver	107-1	375.51	383.13	438.79	399.14	8.65	ppb
Sodium	23-2	56320.56	56634.11	56202.20	56385.62	0.40	ppb
Strontium	86-1	654.38	647.78	750.68	684.28	8.42	ppb
Strontium	88-1	660.97	658.76	754.93	691.56	7.94	ppb
Sulfur	34-1	-1332.57	-1136.15	653.45	-605.09		ppb
Terbium	159-1				103		%
Terbium	159-2				90		%
Thallium	203-1	503.69	509.17	582.59	531.82	8.28	ppb
Thallium	205-1	499.32	504.34	583.04	528.90	8.88	ppb
Tin	118-1	437.74	443.32	513.89	464.98	9.13	ppb
Titanium	47-1	2337.08	2397.20	2734.15	2489.48	8.60	ppb
Uranium	238-1	509.05	508.73	589.49	535.76	8.69	ppb
Vanadium	51-2	520.02	523.49	518.06	520.52	0.53	ppb
Yttrium	89-1				92		%
Yttrium	89-2				75		%
Zinc	66-2	998.98	1016.88	1003.89	1006.58	0.92	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	497.41	496.23	571.46	521.70	8.26	ppb
Zirconium	91-1	490.30	490.18	564.42	514.97	8.32	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	36.85	27.20	41.15	35.07	20.38	ppb
Antimony	121-1	0.71	0.73	0.73	0.72	1.26	ppb
Arsenic	75-2	28.50	26.10	26.36	26.99	4.88	ppb
Barium	135-1	22.44	22.96	22.48	22.63	1.28	ppb
Barium	137-1	23.19	23.79	22.99	23.32	1.79	ppb
Beryllium	9-1	0.27	0.23	0.28	0.26	8.86	ppb
Bismuth	209-1				112		%
Bismuth	209-2				93		%
Boron	10-1	50.44	51.25	49.31	50.33	1.94	ppb
Boron	11-1	47.43	47.89	44.76	46.69	3.62	ppb
Cadmium	111-1	-0.05	-0.08	-0.16	-0.10		ppb
Cadmium	106-1	-1.66	-2.07	-2.65	-2.13		ppb
Cadmium	108-1	0.20	0.17	0.20	0.19	9.67	ppb
Calcium	43-1	24837.29	25223.55	24917.73	24992.86	0.82	ppb
Calcium	44-1	25026.50	25066.60	24666.16	24919.75	0.88	ppb
Chromium	52-2	0.54	0.51	0.45	0.50	9.07	ppb
Cobalt	59-2	2.47	2.34	2.58	2.46	4.83	ppb
Copper	63-2	2.24	2.20	2.26	2.24	1.40	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				91		%
Indium	115-1				101		%
Indium	115-2				78		%
Iron	56-2	11397.95	11131.14	11203.12	11244.07	1.23	ppb
Iron	57-2	11036.35	10840.04	11006.92	10961.11	0.97	ppb
Krypton	83-1						cps
Lead	206-1	0.29	0.25	0.22	0.25	13.03	ppb
Lead	207-1	0.22	0.23	0.20	0.22	8.34	ppb
Lead	208-1	0.25	0.26	0.21	0.24	11.38	ppb
Lithium	6-1				97		%
Magnesium	24-2	9724.55	9466.08	9648.59	9613.07	1.38	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	1650.43	1627.21	1641.31	1639.65	0.71	ppb
Molybdenum	94-1	1.50	1.43	1.21	1.38	11.21	ppb
Molybdenum	95-1	1.22	1.10	0.99	1.10	10.58	ppb
Molybdenum	96-1	1.23	1.14	1.07	1.15	7.17	ppb
Molybdenum	97-1	1.21	1.16	1.06	1.14	6.75	ppb
Molybdenum	98-1	1.15	1.05	1.07	1.09	5.21	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.76	1.71	1.94	1.80	6.66	ppb
Phosphorus	31-2	111.13	182.17	147.20	146.84	24.19	ppb
Potassium	39-2	3028.38	2991.95	2981.17	3000.50	0.82	ppb
Rhodium	103-1				99		%
Rhodium	103-2				86		%
Scandium	45-1				90		%
Scandium	45-2				69		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.74	-0.72	-0.72	-0.23		ppb
Selenium	82-1	-0.02	-0.39	0.48	0.02	1826.35	ppb
Silicon	28-1	6625.39	6701.70	6589.27	6638.79	0.86	ppb
Silver	109-1	0.09	0.06	0.07	0.08	19.45	ppb
Silver	107-1	0.09	0.07	0.09	0.08	13.45	ppb
Sodium	23-2	6153.96	5997.59	6124.72	6092.09	1.36	ppb
Strontium	86-1	134.39	136.21	134.49	135.03	0.76	ppb
Strontium	88-1	140.11	142.34	138.10	140.18	1.51	ppb
Sulfur	34-1	803.56	980.01	694.25	825.94	17.46	ppb
Terbium	159-1				109		%
Terbium	159-2				90		%
Thallium	203-1	0.19	0.13	0.15	0.16	21.26	ppb
Thallium	205-1	0.18	0.19	0.17	0.18	4.06	ppb
Tin	118-1	5.69	5.79	5.51	5.66	2.43	ppb
Titanium	47-1	1.69	1.71	1.67	1.69	1.23	ppb
Uranium	238-1	0.05	0.04	0.04	0.05	14.91	ppb
Vanadium	51-2	1.13	1.04	1.13	1.10	4.87	ppb
Yttrium	89-1				97		%
Yttrium	89-2				75		%
Zinc	66-2	9.20	9.94	9.96	9.70	4.47	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.42	0.37	0.31	0.37	14.17	ppb
Zirconium	91-1	0.47	0.42	0.36	0.42	13.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	4.69	0.14	6.70	3.84	87.50	ppb
Antimony	121-1	0.84	0.75	0.78	0.79	5.71	ppb
Arsenic	75-2	18.55	19.47	18.11	18.71	3.71	ppb
Barium	135-1	21.31	20.41	21.31	21.01	2.46	ppb
Barium	137-1	22.00	21.25	21.28	21.51	1.97	ppb
Beryllium	9-1	0.14	0.12	0.12	0.13	10.14	ppb
Bismuth	209-1				111		%
Bismuth	209-2				93		%
Boron	10-1	39.10	38.93	40.24	39.42	1.80	ppb
Boron	11-1	38.04	36.52	36.87	37.14	2.14	ppb
Cadmium	111-1	-0.16	-0.11	-0.15	-0.14		ppb
Cadmium	106-1	-2.66	-1.82	-2.28	-2.25		ppb
Cadmium	108-1	0.10	0.20	0.10	0.13	44.15	ppb
Calcium	43-1	32546.16	31897.48	31873.35	32105.66	1.19	ppb
Calcium	44-1	32661.29	31737.49	31390.56	31929.78	2.06	ppb
Chromium	52-2	0.56	0.49	0.50	0.52	6.78	ppb
Cobalt	59-2	0.41	0.48	0.37	0.42	12.47	ppb
Copper	63-2	1.94	1.99	1.99	1.97	1.37	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				91		%
Indium	115-1				99		%
Indium	115-2				78		%
Iron	56-2	14745.92	14497.93	14227.04	14490.30	1.79	ppb
Iron	57-2	14524.04	14174.13	14049.00	14249.06	1.73	ppb
Krypton	83-1						cps
Lead	206-1	0.08	0.09	0.09	0.09	7.27	ppb
Lead	207-1	0.09	0.09	0.10	0.09	5.10	ppb
Lead	208-1	0.09	0.09	0.09	0.09	2.25	ppb
Lithium	6-1				97		%
Magnesium	24-2	8265.92	8264.69	8115.02	8215.21	1.06	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	834.48	823.48	804.96	820.97	1.82	ppb
Molybdenum	94-1	0.69	0.73	0.73	0.72	2.49	ppb
Molybdenum	95-1	0.65	0.65	0.59	0.63	5.69	ppb
Molybdenum	96-1	0.70	0.65	0.62	0.66	5.83	ppb
Molybdenum	97-1	0.69	0.68	0.55	0.64	12.43	ppb
Molybdenum	98-1	0.72	0.68	0.54	0.65	14.44	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	1.07	1.00	0.97	1.01	4.87	ppb
Phosphorus	31-2	0.00	36.07	0.00	12.02	173.21	ppb
Potassium	39-2	2920.88	2817.06	2714.80	2817.58	3.66	ppb
Rhodium	103-1				97		%
Rhodium	103-2				87		%
Scandium	45-1				89		%
Scandium	45-2				70		%
Selenium	77-2	4.28	4.18	-4.33	1.38	358.29	ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.29	0.17	0.10	0.19	52.69	ppb
Silicon	28-1	7984.28	7817.57	7775.79	7859.21	1.40	ppb
Silver	109-1	0.06	0.05	0.08	0.06	19.58	ppb
Silver	107-1	0.07	0.06	0.07	0.07	10.84	ppb
Sodium	23-2	5442.95	5374.84	5282.38	5366.72	1.50	ppb
Strontium	86-1	161.43	158.26	158.41	159.36	1.12	ppb
Strontium	88-1	166.62	162.58	162.58	163.93	1.42	ppb
Sulfur	34-1	1784.17	1025.68	905.09	1238.31	38.48	ppb
Terbium	159-1				107		%
Terbium	159-2				91		%
Thallium	203-1	0.05	0.06	0.04	0.05	18.13	ppb
Thallium	205-1	0.07	0.07	0.06	0.07	9.89	ppb
Tin	118-1	4.67	4.62	4.78	4.69	1.78	ppb
Titanium	47-1	0.78	0.69	0.83	0.77	9.03	ppb
Uranium	238-1	0.00	0.00	0.01	0.00	137.75	ppb
Vanadium	51-2	0.07	0.14	0.08	0.10	38.91	ppb
Yttrium	89-1				97		%
Yttrium	89-2				76		%
Zinc	66-2	7.39	7.21	7.51	7.37	2.06	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.24	0.17	0.16	0.19	23.10	ppb
Zirconium	91-1	0.23	0.16	0.21	0.20	18.96	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	6.12	1.23	10.30	5.89	77.09	ppb
Antimony	121-1	0.04	0.03	0.03	0.03	20.26	ppb
Arsenic	75-2	0.01	0.03	0.01	0.02	76.85	ppb
Barium	135-1	0.01	0.04	0.03	0.02	66.28	ppb
Barium	137-1	0.03	0.02	0.04	0.03	37.92	ppb
Beryllium	9-1	0.07	0.08	0.11	0.09	26.44	ppb
Bismuth	209-1				134		%
Bismuth	209-2				112		%
Boron	10-1	7.56	9.25	8.13	8.31	10.40	ppb
Boron	11-1	8.95	8.27	8.21	8.48	4.90	ppb
Cadmium	111-1	-0.12	-0.08	-0.11	-0.10		ppb
Cadmium	106-1	-1.82	-1.21	-1.67	-1.57		ppb
Cadmium	108-1	0.12	0.01	0.07	0.06	84.30	ppb
Calcium	43-1	8.55	12.01	10.96	10.51	16.88	ppb
Calcium	44-1	11.83	7.78	9.51	9.70	20.93	ppb
Chromium	52-2	0.08	0.04	0.08	0.07	37.33	ppb
Cobalt	59-2	-0.05	-0.04	-0.04	-0.05		ppb
Copper	63-2	0.96	0.84	1.01	0.94	9.44	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				133		%
Holmium	165-2				110		%
Indium	115-1				126		%
Indium	115-2				101		%
Iron	56-2	3.33	3.54	3.97	3.61	8.94	ppb
Iron	57-2	1.92	3.01	-1.82	1.04	244.66	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.03	-0.03	-0.03		ppb
Lead	207-1	-0.04	-0.03	-0.01	-0.03		ppb
Lead	208-1	-0.04	-0.03	-0.03	-0.03		ppb
Lithium	6-1				113		%
Magnesium	24-2	3.93	5.37	6.82	5.37	26.90	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	0.12	0.24	0.18	0.18	32.46	ppb
Molybdenum	94-1	0.12	0.11	0.04	0.09	44.26	ppb
Molybdenum	95-1	0.14	0.12	0.12	0.12	9.09	ppb
Molybdenum	96-1	0.15	0.09	0.11	0.12	23.45	ppb
Molybdenum	97-1	0.17	0.06	0.11	0.11	47.42	ppb
Molybdenum	98-1	0.13	0.13	0.17	0.14	14.66	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.13	0.17	0.25	0.18	33.24	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	3.43	-13.24	8.59	-0.41		ppb
Rhodium	103-1				126		%
Rhodium	103-2				108		%
Scandium	45-1				117		%
Scandium	45-2				92		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	0.44	-0.33		ppb
Selenium	82-1	0.32	0.46	0.39	0.39	18.34	ppb
Silicon	28-1	6.85	12.80	13.87	11.17	33.84	ppb
Silver	109-1	0.02	0.02	0.03	0.03	20.15	ppb
Silver	107-1	0.03	0.03	0.03	0.03	6.90	ppb
Sodium	23-2	60.73	51.33	58.16	56.74	8.56	ppb
Strontium	86-1	-0.02	-0.05	0.01	-0.02		ppb
Strontium	88-1	0.06	0.06	0.05	0.06	6.89	ppb
Sulfur	34-1	-4382.23	-4359.48	-3998.10	-4246.60		ppb
Terbium	159-1				134		%
Terbium	159-2				112		%
Thallium	203-1	0.03	0.02	0.01	0.02	62.93	ppb
Thallium	205-1	0.03	0.02	0.01	0.02	50.10	ppb
Tin	118-1	-0.15	-0.15	-0.18	-0.16		ppb
Titanium	47-1	-0.01	-0.04	-0.02	-0.02		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.02	0.00	-0.01		ppb
Yttrium	89-1				124		%
Yttrium	89-2				98		%
Zinc	66-2	6.67	6.22	6.95	6.61	5.63	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

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

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3673.26	3706.24	3732.91	3704.14	0.81	ppb
Antimony	121-1	0.86	0.89	0.90	0.88	2.85	ppb
Arsenic	75-2	1.11	1.16	0.99	1.08	8.36	ppb
Barium	135-1	52.74	51.09	55.05	52.96	3.75	ppb
Barium	137-1	53.02	53.86	55.05	53.98	1.89	ppb
Beryllium	9-1	0.28	0.18	0.30	0.25	26.33	ppb
Bismuth	209-1				113		%
Bismuth	209-2				100		%
Boron	10-1	102.42	107.06	110.03	106.50	3.60	ppb
Boron	11-1	100.55	104.42	111.14	105.37	5.08	ppb
Cadmium	111-1	-0.02	-0.11	-0.05	-0.06		ppb
Cadmium	106-1	-1.21	-2.15	-1.62	-1.66		ppb
Cadmium	108-1	0.06	0.16	0.27	0.16	65.44	ppb
Calcium	43-1	3808.74	3919.83	4228.69	3985.75	5.46	ppb
Calcium	44-1	3900.68	3939.12	4190.33	4010.04	3.92	ppb
Chromium	52-2	16.95	16.49	17.17	16.87	2.03	ppb
Cobalt	59-2	2.98	3.30	3.16	3.14	5.06	ppb
Copper	63-2	13.78	13.77	14.49	14.01	2.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				98		%
Indium	115-1				103		%
Indium	115-2				87		%
Iron	56-2	7932.33	7855.42	8037.07	7941.61	1.15	ppb
Iron	57-2	7777.71	7621.55	7761.90	7720.39	1.11	ppb
Krypton	83-1						cps
Lead	206-1	10.03	9.96	10.49	10.16	2.79	ppb
Lead	207-1	9.19	8.93	9.55	9.23	3.35	ppb
Lead	208-1	9.52	9.54	10.06	9.71	3.14	ppb
Lithium	6-1				94		%
Magnesium	24-2	8361.72	8433.34	8492.42	8429.16	0.78	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	164.94	165.52	169.65	166.70	1.54	ppb
Molybdenum	94-1	16.98	16.76	17.70	17.15	2.85	ppb
Molybdenum	95-1	22.42	23.03	24.26	23.24	4.04	ppb
Molybdenum	96-1	21.76	22.42	23.14	22.44	3.07	ppb
Molybdenum	97-1	22.56	22.34	24.40	23.10	4.90	ppb
Molybdenum	98-1	22.98	22.70	23.96	23.21	2.85	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	9.34	9.23	9.39	9.32	0.84	ppb
Phosphorus	31-2	191.81	127.43	161.75	160.33	20.09	ppb
Potassium	39-2	8251.70	7971.99	8251.30	8158.33	1.98	ppb
Rhodium	103-1				101		%
Rhodium	103-2				93		%
Scandium	45-1				96		%
Scandium	45-2				79		%
Selenium	77-2	-4.33	3.32	3.27	0.75	583.18	ppb
Selenium	78-2	3.11	3.11	0.55	2.25	65.57	ppb
Selenium	82-1	0.72	1.33	1.19	1.08	29.77	ppb
Silicon	28-1	6367.77	6399.09	6715.84	6494.23	2.97	ppb
Silver	109-1	0.09	0.07	0.09	0.09	11.90	ppb
Silver	107-1	0.09	0.09	0.08	0.09	5.18	ppb
Sodium	23-2	106185.42	105435.98	107386.98	106336.13	0.93	ppb
Strontium	86-1	48.23	49.53	50.71	49.49	2.51	ppb
Strontium	88-1	49.07	49.46	51.74	50.09	2.87	ppb
Sulfur	34-1	-190.12	-436.53	277.09	-116.52		ppb
Terbium	159-1				111		%
Terbium	159-2				98		%
Thallium	203-1	0.05	0.05	0.05	0.05	5.16	ppb
Thallium	205-1	0.05	0.04	0.05	0.05	9.05	ppb
Tin	118-1	3.21	3.23	3.39	3.28	3.10	ppb
Titanium	47-1	249.36	252.73	265.10	255.73	3.24	ppb
Uranium	238-1	0.59	0.60	0.63	0.61	3.61	ppb
Vanadium	51-2	10.99	11.00	11.17	11.05	0.93	ppb
Yttrium	89-1				102		%
Yttrium	89-2				85		%
Zinc	66-2	32.40	33.68	33.78	33.29	2.31	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.37	0.39	0.39	0.38	2.58	ppb
Zirconium	91-1	0.40	0.42	0.41	0.41	2.56	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	48639.60	48445.46	49101.55	48728.87	0.69	ppb
Antimony	121-1	485.76	496.13	509.26	497.05	2.37	ppb
Arsenic	75-2	476.43	480.11	478.30	478.28	0.38	ppb
Barium	135-1	2445.71	2554.99	2581.63	2527.44	2.85	ppb
Barium	137-1	2449.74	2547.47	2605.57	2534.26	3.11	ppb
Beryllium	9-1	500.12	517.56	525.33	514.34	2.51	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	485.75	519.11	533.49	512.78	4.78	ppb
Boron	11-1	480.43	509.75	528.24	506.14	4.76	ppb
Cadmium	111-1	461.75	480.25	493.72	478.57	3.35	ppb
Cadmium	106-1	457.49	488.53	490.64	478.89	3.88	ppb
Cadmium	108-1	460.89	486.99	497.72	481.87	3.93	ppb
Calcium	43-1	227069.69	232479.25	243905.66	234484.86	3.67	ppb
Calcium	44-1	227800.10	234441.76	245131.49	235791.11	3.71	ppb
Chromium	52-2	508.99	514.79	513.10	512.29	0.58	ppb
Cobalt	59-2	499.30	503.11	499.87	500.76	0.41	ppb
Copper	63-2	967.28	977.87	975.73	973.63	0.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				102		%
Indium	115-1				100		%
Indium	115-2				93		%
Iron	56-2	129197.25	129912.79	129788.39	129632.81	0.29	ppb
Iron	57-2	127101.15	127903.78	127190.62	127398.52	0.35	ppb
Krypton	83-1						cps
Lead	206-1	508.89	525.60	541.74	525.41	3.13	ppb
Lead	207-1	499.33	529.50	543.48	524.10	4.31	ppb
Lead	208-1	507.29	525.09	542.21	524.86	3.33	ppb
Lithium	6-1				96		%
Magnesium	24-2	247482.54	248750.08	249092.19	248441.61	0.34	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	980.57	977.40	983.28	980.42	0.30	ppb
Molybdenum	94-1	2490.18	2564.57	2633.01	2562.59	2.79	ppb
Molybdenum	95-1	2501.01	2566.22	2600.77	2556.00	1.98	ppb
Molybdenum	96-1	2463.75	2573.77	2626.17	2554.57	3.25	ppb
Molybdenum	97-1	2479.54	2564.01	2652.74	2565.43	3.38	ppb
Molybdenum	98-1	2467.56	2569.25	2630.43	2555.75	3.22	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	503.86	503.47	504.33	503.88	0.09	ppb
Phosphorus	31-2	9789.71	9616.28	9602.69	9669.56	1.08	ppb
Potassium	39-2	120771.67	121454.57	121200.80	121142.34	0.28	ppb
Rhodium	103-1				98		%
Rhodium	103-2				94		%
Scandium	45-1				100		%
Scandium	45-2				92		%
Selenium	77-2	525.20	467.57	487.35	493.37	5.94	ppb
Selenium	78-2	456.69	454.38	471.88	460.98	2.06	ppb
Selenium	82-1	475.82	493.93	507.28	492.35	3.21	ppb
Silicon	28-1	518.83	540.25	565.58	541.55	4.32	ppb
Silver	109-1	471.91	495.84	501.80	489.85	3.23	ppb
Silver	107-1	471.87	496.19	502.47	490.18	3.30	ppb
Sodium	23-2	251066.77	250497.51	250928.65	250830.97	0.12	ppb
Strontium	86-1	482.17	503.66	520.85	502.23	3.86	ppb
Strontium	88-1	495.15	511.19	524.24	510.19	2.86	ppb
Sulfur	34-1	8610.79	9064.37	10288.41	9321.19	9.31	ppb
Terbium	159-1				108		%
Terbium	159-2				102		%
Thallium	203-1	499.38	526.58	536.97	520.98	3.73	ppb
Thallium	205-1	503.26	513.99	534.70	517.32	3.09	ppb
Tin	118-1	478.70	506.34	510.63	498.56	3.48	ppb
Titanium	47-1	2466.23	2523.30	2633.68	2541.07	3.35	ppb
Uranium	238-1	510.33	527.55	539.55	525.81	2.79	ppb
Vanadium	51-2	495.65	500.77	502.81	499.74	0.74	ppb
Yttrium	89-1				102		%
Yttrium	89-2				95		%
Zinc	66-2	961.25	964.51	966.68	964.15	0.28	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	492.43	517.51	531.74	513.90	3.87	ppb
Zirconium	91-1	487.09	514.58	520.83	507.50	3.54	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.37	3.22	1.43	1.43	125.39	ppb
Antimony	121-1	0.25	0.23	0.24	0.24	3.92	ppb
Arsenic	75-2	-0.06	-0.01	-0.06	-0.05		ppb
Barium	135-1	-0.03	-0.02	-0.04	-0.03		ppb
Barium	137-1	-0.02	-0.02	-0.03	-0.02		ppb
Beryllium	9-1	0.11	0.09	0.07	0.09	23.53	ppb
Bismuth	209-1				109		%
Bismuth	209-2				100		%
Boron	10-1	7.14	6.20	6.30	6.54	7.87	ppb
Boron	11-1	7.24	6.62	6.91	6.92	4.53	ppb
Cadmium	111-1	-0.12	-0.01	-0.05	-0.06		ppb
Cadmium	106-1	-1.88	-0.51	-0.88	-1.09		ppb
Cadmium	108-1	0.09	-0.04	-0.01	0.02	424.01	ppb
Calcium	43-1	2.76	6.72	8.08	5.85	47.27	ppb
Calcium	44-1	-3.23	-1.95	-6.80	-3.99		ppb
Chromium	52-2	0.04	-0.06	0.00	-0.01		ppb
Cobalt	59-2	-0.03	-0.06	-0.06	-0.05		ppb
Copper	63-2	0.04	0.04	0.00	0.03	93.29	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				94		%
Iron	56-2	0.95	1.13	0.76	0.95	19.61	ppb
Iron	57-2	-2.42	-0.22	1.36	-0.43		ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.04	-0.02	-0.03		ppb
Lead	207-1	-0.04	-0.06	-0.04	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.04	-0.04		ppb
Lithium	6-1				101		%
Magnesium	24-2	8.23	4.71	3.96	5.63	40.43	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.10	-0.19	-0.13	-0.14		ppb
Molybdenum	94-1	0.45	0.35	0.33	0.38	16.32	ppb
Molybdenum	95-1	0.23	0.16	0.17	0.19	20.39	ppb
Molybdenum	96-1	0.25	0.23	0.19	0.22	11.91	ppb
Molybdenum	97-1	0.33	0.22	0.25	0.26	20.98	ppb
Molybdenum	98-1	0.24	0.21	0.21	0.22	7.93	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.07	-0.06	-0.09	-0.07		ppb
Phosphorus	31-2	27.93	28.61	0.00	18.85	86.62	ppb
Potassium	39-2	32.04	15.05	12.34	19.81	53.91	ppb
Rhodium	103-1				106		%
Rhodium	103-2				98		%
Scandium	45-1				102		%
Scandium	45-2				89		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	0.46	-0.33		ppb
Selenium	82-1	-0.34	0.00	0.29	-0.01		ppb
Silicon	28-1	-9.28	-9.20	-10.00	-9.50		ppb
Silver	109-1	0.02	0.02	0.02	0.02	6.71	ppb
Silver	107-1	0.01	0.01	0.02	0.02	30.19	ppb
Sodium	23-2	30.66	27.67	35.13	31.15	12.05	ppb
Strontium	86-1	-0.05	-0.01	-0.06	-0.04		ppb
Strontium	88-1	0.00	0.01	0.00	0.00	53.93	ppb
Sulfur	34-1	-1169.05	-1111.63	-1397.68	-1226.12		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	-0.01	-0.01	-0.01	-0.01		ppb
Thallium	205-1	0.01	0.02	0.00	0.01	80.48	ppb
Tin	118-1	0.06	0.04	0.02	0.04	50.00	ppb
Titanium	47-1	-0.02	-0.01	-0.01	-0.02		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.01	-0.03	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	0.29	-0.06	-0.27	-0.01		ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.15	0.13	0.15	13.16	ppb
Zirconium	91-1	0.10	0.11	0.11	0.11	9.38	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.42	8.87	-2.09	3.40	161.31	ppb
Antimony	121-1	0.10	0.16	0.12	0.13	22.03	ppb
Arsenic	75-2	4.57	4.48	5.91	4.99	16.02	ppb
Barium	135-1	3.68	3.57	3.69	3.65	1.92	ppb
Barium	137-1	3.64	3.87	3.52	3.68	4.78	ppb
Beryllium	9-1	0.05	0.03	0.05	0.04	29.14	ppb
Bismuth	209-1				107		%
Bismuth	209-2				100		%
Boron	10-1	5.58	5.40	6.98	5.99	14.49	ppb
Boron	11-1	6.73	6.18	6.87	6.60	5.58	ppb
Cadmium	111-1	0.01	-0.07	-0.15	-0.07		ppb
Cadmium	106-1	-0.19	-1.05	-2.14	-1.12		ppb
Cadmium	108-1	0.06	0.00	0.10	0.05	97.33	ppb
Calcium	43-1	6431.22	6675.34	6491.51	6532.69	1.95	ppb
Calcium	44-1	6599.44	6864.02	6564.13	6675.86	2.46	ppb
Chromium	52-2	0.15	0.01	0.12	0.09	76.70	ppb
Cobalt	59-2	-0.02	-0.05	-0.04	-0.04		ppb
Copper	63-2	0.12	0.23	0.24	0.20	35.19	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				107		%
Holmium	165-2				99		%
Indium	115-1				103		%
Indium	115-2				91		%
Iron	56-2	3027.76	2993.16	2997.17	3006.03	0.63	ppb
Iron	57-2	2973.57	2904.21	2976.80	2951.53	1.39	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	-0.02	-0.03		ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	-0.03	-0.03	-0.04	-0.03		ppb
Lithium	6-1				96		%
Magnesium	24-2	837.91	808.86	815.00	820.59	1.87	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	258.34	250.32	252.44	253.70	1.64	ppb
Molybdenum	94-1	0.22	0.20	0.20	0.21	4.78	ppb
Molybdenum	95-1	0.05	0.13	0.06	0.08	57.27	ppb
Molybdenum	96-1	0.07	0.07	0.10	0.08	21.90	ppb
Molybdenum	97-1	0.02	0.12	0.05	0.07	80.26	ppb
Molybdenum	98-1	0.09	0.08	0.10	0.09	11.03	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.02	-0.01	-0.02		ppb
Phosphorus	31-2	59.41	29.55	29.39	39.45	43.82	ppb
Potassium	39-2	466.44	427.96	410.19	434.86	6.61	ppb
Rhodium	103-1				103		%
Rhodium	103-2				96		%
Scandium	45-1				97		%
Scandium	45-2				85		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	1.71	-0.72	-0.72	0.09	1505.44	ppb
Selenium	82-1	0.35	0.16	0.00	0.17	101.87	ppb
Silicon	28-1	1074.48	1114.42	1083.59	1090.83	1.92	ppb
Silver	109-1	0.08	0.07	0.08	0.07	10.76	ppb
Silver	107-1	0.06	0.07	0.08	0.07	16.23	ppb
Sodium	23-2	437.46	435.31	429.55	434.11	0.94	ppb
Strontium	86-1	21.13	22.24	21.57	21.64	2.58	ppb
Strontium	88-1	21.78	22.61	21.28	21.89	3.05	ppb
Sulfur	34-1	-1038.88	-795.50	-1380.17	-1071.52		ppb
Terbium	159-1				107		%
Terbium	159-2				99		%
Thallium	203-1	0.01	0.01	0.01	0.01	33.17	ppb
Thallium	205-1	0.03	0.03	0.02	0.02	21.75	ppb
Tin	118-1	0.02	-0.03	-0.03	-0.01		ppb
Titanium	47-1	-0.03	-0.03	0.03	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.02	-0.03		ppb
Vanadium	51-2	0.03	0.00	-0.01	0.01	205.16	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	0.93	0.82	0.99	0.92	9.24	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.08	0.08	6.48	ppb
Zirconium	91-1	0.07	0.08	0.11	0.09	26.21	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.26	-0.24	-0.01	-0.17		ppb
Antimony	121-1	0.10	0.08	0.09	0.09	9.48	ppb
Arsenic	75-2	4.90	5.15	5.63	5.23	7.12	ppb
Barium	135-1	3.52	3.59	3.51	3.54	1.29	ppb
Barium	137-1	3.63	3.67	3.48	3.59	2.85	ppb
Beryllium	9-1	0.03	-0.02	0.04	0.02	169.07	ppb
Bismuth	209-1				110		%
Bismuth	209-2				98		%
Boron	10-1	5.25	5.64	5.26	5.38	4.08	ppb
Boron	11-1	5.51	5.57	5.94	5.67	4.09	ppb
Cadmium	111-1	-0.08	-0.09	-0.11	-0.09		ppb
Cadmium	106-1	-0.95	-1.30	-1.39	-1.22		ppb
Cadmium	108-1	0.10	-0.01	0.03	0.04	134.39	ppb
Calcium	43-1	6269.20	6068.36	6292.08	6209.88	1.98	ppb
Calcium	44-1	6446.81	6257.24	6374.18	6359.41	1.50	ppb
Chromium	52-2	0.03	0.17	0.24	0.15	75.78	ppb
Cobalt	59-2	-0.03	-0.04	-0.02	-0.03		ppb
Copper	63-2	0.54	0.51	0.76	0.61	21.90	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				109		%
Holmium	165-2				96		%
Indium	115-1				105		%
Indium	115-2				89		%
Iron	56-2	3012.11	3049.90	3431.09	3164.36	7.32	ppb
Iron	57-2	2953.95	2959.59	3415.12	3109.55	8.51	ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.00	-0.02	-0.01		ppb
Lead	207-1	-0.03	-0.03	-0.04	-0.03		ppb
Lead	208-1	0.00	-0.02	-0.03	-0.02		ppb
Lithium	6-1				97		%
Magnesium	24-2	823.42	854.45	933.18	870.35	6.50	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	263.38	260.66	294.64	272.89	6.92	ppb
Molybdenum	94-1	0.18	0.21	0.20	0.20	9.23	ppb
Molybdenum	95-1	0.04	0.04	0.00	0.03	85.92	ppb
Molybdenum	96-1	0.05	0.03	0.04	0.04	17.76	ppb
Molybdenum	97-1	0.04	0.05	0.05	0.04	16.37	ppb
Molybdenum	98-1	0.06	0.04	0.03	0.04	35.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.58	0.55	0.73	0.62	15.69	ppb
Phosphorus	31-2	29.65	29.99	0.00	19.88	86.61	ppb
Potassium	39-2	405.29	453.01	499.03	452.44	10.36	ppb
Rhodium	103-1				105		%
Rhodium	103-2				94		%
Scandium	45-1				99		%
Scandium	45-2				81		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	0.10	-0.35	-0.25	-0.17		ppb
Silicon	28-1	1059.86	1036.77	1042.78	1046.47	1.14	ppb
Silver	109-1	0.06	0.06	0.08	0.07	18.40	ppb
Silver	107-1	0.05	0.05	0.07	0.06	13.59	ppb
Sodium	23-2	417.50	428.92	476.41	440.94	7.08	ppb
Strontium	86-1	20.86	21.40	21.16	21.14	1.28	ppb
Strontium	88-1	21.59	21.27	21.15	21.34	1.05	ppb
Sulfur	34-1	-1113.73	-1706.02	-1524.11	-1447.95		ppb
Terbium	159-1				109		%
Terbium	159-2				97		%
Thallium	203-1	-0.02	-0.03	-0.02	-0.02		ppb
Thallium	205-1	-0.03	-0.02	-0.01	-0.02		ppb
Tin	118-1	0.31	0.01	-0.05	0.09	211.75	ppb
Titanium	47-1	0.03	-0.02	-0.02	0.00		ppb
Uranium	238-1	-0.03	-0.02	-0.03	-0.03		ppb
Vanadium	51-2	-0.03	-0.02	-0.01	-0.02		ppb
Yttrium	89-1				103		%
Yttrium	89-2				87		%
Zinc	66-2	2.61	2.97	1.85	2.47	23.11	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.08	0.06	0.08	15.90	ppb
Zirconium	91-1	0.11	0.08	0.05	0.08	33.51	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.45	1.70	1.56	2.23	47.09	ppb
Antimony	121-1	0.04	0.06	0.05	0.05	15.48	ppb
Arsenic	75-2	-0.01	0.05	0.15	0.06	132.70	ppb
Barium	135-1	1.14	1.25	1.18	1.19	4.69	ppb
Barium	137-1	1.05	1.21	1.20	1.15	7.67	ppb
Beryllium	9-1	0.01	0.01	-0.02	0.00	5335.46	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	4.90	5.43	5.41	5.24	5.70	ppb
Boron	11-1	5.23	4.77	4.72	4.91	5.73	ppb
Cadmium	111-1	-0.10	-0.09	-0.15	-0.11		ppb
Cadmium	106-1	-1.20	-1.16	-1.81	-1.39		ppb
Cadmium	108-1	0.03	0.10	0.06	0.06	60.34	ppb
Calcium	43-1	2955.04	3134.28	2927.84	3005.72	3.73	ppb
Calcium	44-1	2936.96	3146.73	2958.95	3014.21	3.82	ppb
Chromium	52-2	0.08	0.03	0.08	0.06	48.07	ppb
Cobalt	59-2	0.23	0.24	0.27	0.24	8.36	ppb
Copper	63-2	0.13	0.24	0.12	0.16	39.95	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				91		%
Iron	56-2	5.02	3.97	4.56	4.51	11.60	ppb
Iron	57-2	5.57	1.85	2.69	3.37	58.02	ppb
Krypton	83-1						cps
Lead	206-1	0.18	0.16	0.22	0.19	15.42	ppb
Lead	207-1	0.17	0.14	0.16	0.16	10.86	ppb
Lead	208-1	0.18	0.17	0.18	0.18	2.21	ppb
Lithium	6-1				97		%
Magnesium	24-2	864.98	874.97	839.49	859.81	2.13	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	583.10	596.97	569.99	583.35	2.31	ppb
Molybdenum	94-1	0.15	0.16	0.12	0.14	14.98	ppb
Molybdenum	95-1	-0.01	0.02	-0.01	0.00		ppb
Molybdenum	96-1	0.04	0.05	0.00	0.03	77.88	ppb
Molybdenum	97-1	0.01	0.01	0.00	0.01	67.87	ppb
Molybdenum	98-1	0.01	0.03	0.02	0.02	44.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.29	0.47	0.37	0.38	24.00	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	260.89	307.70	239.82	269.47	12.89	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	2.96	-4.33	-4.33	-1.90		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	-0.40	0.01	0.24	-0.05		ppb
Silicon	28-1	953.15	1022.81	945.51	973.83	4.37	ppb
Silver	109-1	0.04	0.04	0.04	0.04	3.02	ppb
Silver	107-1	0.05	0.05	0.03	0.04	19.90	ppb
Sodium	23-2	457.94	487.92	475.88	473.91	3.18	ppb
Strontium	86-1	15.31	16.56	16.08	15.98	3.96	ppb
Strontium	88-1	15.90	17.01	16.47	16.46	3.38	ppb
Sulfur	34-1	-1366.71	-595.05	-1543.37	-1168.37		ppb
Terbium	159-1				109		%
Terbium	159-2				99		%
Thallium	203-1	-0.03	-0.04	-0.04	-0.04		ppb
Thallium	205-1	-0.03	-0.03	-0.04	-0.03		ppb
Tin	118-1	-0.04	0.01	-0.05	-0.03		ppb
Titanium	47-1	0.02	0.04	0.01	0.02	81.33	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.03	-0.02	0.02	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	0.52	0.69	0.92	0.71	28.47	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.04	0.03	0.04	24.55	ppb
Zirconium	91-1	0.03	0.08	0.06	0.06	44.92	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	8.41	-2.09	1.65	2.66	200.45	ppb
Antimony	121-1	0.03	0.05	0.04	0.04	26.63	ppb
Arsenic	75-2	-0.04	0.05	-0.01	0.00	7447115.28	ppb
Barium	135-1	1.12	1.27	1.06	1.15	9.42	ppb
Barium	137-1	1.17	1.28	1.17	1.21	5.29	ppb
Beryllium	9-1	-0.02	-0.01	0.00	-0.01		ppb
Bismuth	209-1				114		%
Bismuth	209-2				100		%
Boron	10-1	4.84	5.15	3.61	4.53	17.94	ppb
Boron	11-1	4.95	4.79	4.44	4.73	5.60	ppb
Cadmium	111-1	-0.02	-0.13	-0.17	-0.11		ppb
Cadmium	106-1	-0.13	-1.68	-2.26	-1.35		ppb
Cadmium	108-1	0.09	0.06	0.02	0.06	57.95	ppb
Calcium	43-1	3132.41	3182.63	3132.24	3149.09	0.92	ppb
Calcium	44-1	3135.08	3220.85	3135.66	3163.86	1.56	ppb
Chromium	52-2	0.13	0.15	0.00	0.09	91.97	ppb
Cobalt	59-2	0.25	0.28	0.21	0.25	12.43	ppb
Copper	63-2	0.21	0.30	0.19	0.23	26.58	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				99		%
Indium	115-1				108		%
Indium	115-2				90		%
Iron	56-2	4.09	4.98	4.33	4.47	10.35	ppb
Iron	57-2	3.96	6.27	2.32	4.18	47.46	ppb
Krypton	83-1						cps
Lead	206-1	-0.07	-0.04	-0.06	-0.05		ppb
Lead	207-1	-0.06	-0.05	-0.07	-0.06		ppb
Lead	208-1	-0.06	-0.05	-0.07	-0.06		ppb
Lithium	6-1				101		%
Magnesium	24-2	863.48	986.16	940.78	930.14	6.67	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	577.91	652.26	621.94	617.37	6.06	ppb
Molybdenum	94-1	0.07	0.11	0.11	0.10	24.30	ppb
Molybdenum	95-1	0.00	-0.02	0.01	-0.01		ppb
Molybdenum	96-1	-0.01	-0.01	0.00	-0.01		ppb
Molybdenum	97-1	0.03	0.02	0.02	0.02	25.51	ppb
Molybdenum	98-1	0.01	0.01	0.01	0.01	32.51	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.45	0.56	0.55	0.52	12.18	ppb
Phosphorus	31-2	56.62	95.48	0.00	50.70	94.70	ppb
Potassium	39-2	225.63	321.78	290.35	279.25	17.56	ppb
Rhodium	103-1				108		%
Rhodium	103-2				96		%
Scandium	45-1				101		%
Scandium	45-2				84		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	0.49	-0.31		ppb
Selenium	82-1	0.19	-0.57	0.43	0.02	3385.37	ppb
Silicon	28-1	1017.77	1033.70	1005.89	1019.12	1.37	ppb
Silver	109-1	0.04	0.04	0.05	0.05	11.54	ppb
Silver	107-1	0.05	0.03	0.05	0.04	23.67	ppb
Sodium	23-2	461.86	558.04	513.45	511.12	9.42	ppb
Strontium	86-1	16.83	17.07	16.52	16.81	1.64	ppb
Strontium	88-1	16.80	17.32	16.92	17.01	1.61	ppb
Sulfur	34-1	-1384.11	-1277.98	-1551.04	-1404.38		ppb
Terbium	159-1				113		%
Terbium	159-2				99		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.01	-0.01	-0.03	-0.02		ppb
Titanium	47-1	0.01	0.00	0.08	0.03	155.91	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.02	-0.01	-0.01		ppb
Yttrium	89-1				106		%
Yttrium	89-2				89		%
Zinc	66-2	0.47	0.85	0.39	0.57	43.48	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.05	0.03	0.03	0.04	23.86	ppb
Zirconium	91-1	0.05	0.05	0.03	0.04	30.49	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	3.13	-0.35	1.39	1.39	125.42	ppb
Antimony	121-1	0.00	0.00	0.01	0.00	80.91	ppb
Arsenic	75-2	-0.06	-0.01	0.01	-0.02		ppb
Barium	135-1	0.18	0.22	0.16	0.19	16.18	ppb
Barium	137-1	0.21	0.20	0.26	0.22	14.11	ppb
Beryllium	9-1	0.01	0.00	-0.02	-0.01		ppb
Bismuth	209-1				112		%
Bismuth	209-2				102		%
Boron	10-1	3.50	2.51	3.40	3.13	17.44	ppb
Boron	11-1	2.72	2.54	2.97	2.74	7.82	ppb
Cadmium	111-1	-0.10	-0.07	-0.13	-0.10		ppb
Cadmium	106-1	-1.24	-0.81	-1.95	-1.34		ppb
Cadmium	108-1	-0.04	-0.04	-0.01	-0.03		ppb
Calcium	43-1	567.69	596.10	559.27	574.35	3.36	ppb
Calcium	44-1	574.03	562.60	582.91	573.18	1.78	ppb
Chromium	52-2	-0.03	-0.02	0.10	0.02	412.63	ppb
Cobalt	59-2	-0.03	-0.04	-0.01	-0.02		ppb
Copper	63-2	0.08	0.08	0.13	0.10	31.56	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				112		%
Holmium	165-2				102		%
Indium	115-1				108		%
Indium	115-2				96		%
Iron	56-2	0.62	1.50	0.88	1.00	45.61	ppb
Iron	57-2	-0.30	2.34	-2.40	-0.12		ppb
Krypton	83-1						cps
Lead	206-1	0.01	0.02	0.02	0.02	23.89	ppb
Lead	207-1	-0.01	0.00	-0.02	-0.01		ppb
Lead	208-1	0.00	0.00	0.00	0.00		ppb
Lithium	6-1				102		%
Magnesium	24-2	160.18	160.92	175.59	165.56	5.25	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	110.61	114.45	109.90	111.65	2.19	ppb
Molybdenum	94-1	0.07	0.05	0.01	0.04	66.86	ppb
Molybdenum	95-1	-0.04	-0.03	-0.04	-0.04		ppb
Molybdenum	96-1	-0.02	-0.04	0.00	-0.02		ppb
Molybdenum	97-1	-0.02	-0.01	-0.01	-0.02		ppb
Molybdenum	98-1	-0.02	-0.01	0.00	-0.01		ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.01	-0.02	0.00	29057.39	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	44.55	39.64	37.33	40.50	9.10	ppb
Rhodium	103-1				108		%
Rhodium	103-2				100		%
Scandium	45-1				102		%
Scandium	45-2				90		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	-0.13	-0.40	-0.34	-0.29		ppb
Silicon	28-1	207.33	205.32	211.00	207.88	1.39	ppb
Silver	109-1	0.02	0.02	0.02	0.02	16.62	ppb
Silver	107-1	0.01	0.02	0.02	0.02	21.97	ppb
Sodium	23-2	100.57	97.75	102.10	100.14	2.20	ppb
Strontium	86-1	2.97	3.11	2.89	2.99	3.83	ppb
Strontium	88-1	3.13	3.10	3.15	3.13	0.90	ppb
Sulfur	34-1	-1252.27	-1476.05	-1336.15	-1354.83		ppb
Terbium	159-1				112		%
Terbium	159-2				102		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.05	-0.04	-0.05		ppb
Tin	118-1	-0.07	-0.12	-0.08	-0.09		ppb
Titanium	47-1	-0.07	0.05	0.00	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.01	-0.01	-0.02		ppb
Yttrium	89-1				107		%
Yttrium	89-2				93		%
Zinc	66-2	-0.07	0.03	-0.07	-0.04		ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.01	0.03	0.02	57.16	ppb
Zirconium	91-1	0.02	0.05	0.03	0.03	47.76	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	863.35	883.45	920.74	889.18	3.28	ppb
Antimony	121-1	50.21	46.89	48.84	48.65	3.43	ppb
Arsenic	75-2	46.51	46.02	49.34	47.29	3.79	ppb
Barium	135-1	244.71	230.92	234.25	236.63	3.04	ppb
Barium	137-1	248.09	235.40	241.26	241.58	2.63	ppb
Beryllium	9-1	50.51	48.95	49.18	49.55	1.70	ppb
Bismuth	209-1				110		%
Bismuth	209-2				100		%
Boron	10-1	46.82	51.52	47.63	48.66	5.17	ppb
Boron	11-1	47.94	47.10	47.04	47.36	1.05	ppb
Cadmium	111-1	49.52	47.23	48.77	48.50	2.40	ppb
Cadmium	106-1	47.02	46.69	44.29	46.00	3.24	ppb
Cadmium	108-1	50.20	47.85	48.60	48.88	2.46	ppb
Calcium	43-1	7807.86	7579.84	7682.18	7689.96	1.49	ppb
Calcium	44-1	8052.07	7678.88	7879.53	7870.16	2.37	ppb
Chromium	52-2	51.76	49.13	52.49	51.13	3.46	ppb
Cobalt	59-2	53.72	50.77	55.50	53.33	4.48	ppb
Copper	63-2	105.01	99.11	108.49	104.20	4.55	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				109		%
Holmium	165-2				99		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	2599.11	2449.50	2693.35	2580.65	4.76	ppb
Iron	57-2	2572.24	2439.03	2626.21	2545.83	3.78	ppb
Krypton	83-1						cps
Lead	206-1	50.16	48.02	49.76	49.31	2.31	ppb
Lead	207-1	47.40	45.82	46.76	46.66	1.70	ppb
Lead	208-1	49.30	47.44	48.81	48.52	1.99	ppb
Lithium	6-1				98		%
Magnesium	24-2	5922.12	5689.79	6214.60	5942.17	4.43	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	708.84	659.04	731.37	699.75	5.29	ppb
Molybdenum	94-1	247.20	235.25	242.66	241.70	2.50	ppb
Molybdenum	95-1	244.78	232.31	237.20	238.10	2.64	ppb
Molybdenum	96-1	246.05	235.12	238.83	240.00	2.31	ppb
Molybdenum	97-1	242.55	233.30	237.05	237.63	1.96	ppb
Molybdenum	98-1	244.39	232.31	237.63	238.11	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.49	51.48	56.34	53.77	4.55	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	2597.60	2385.89	2705.12	2562.87	6.34	ppb
Rhodium	103-1				104		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	53.17	31.50	64.28	49.65	33.57	ppb
Selenium	78-2	47.10	44.58	38.60	43.42	10.06	ppb
Selenium	82-1	51.87	49.21	49.99	50.36	2.72	ppb
Silicon	28-1	1094.28	1051.86	1064.36	1070.17	2.04	ppb
Silver	109-1	40.74	38.73	39.59	39.69	2.55	ppb
Silver	107-1	41.04	39.08	39.58	39.90	2.54	ppb
Sodium	23-2	5710.78	5300.20	5874.03	5628.33	5.25	ppb
Strontium	86-1	66.61	63.76	64.89	65.08	2.21	ppb
Strontium	88-1	68.28	64.49	66.12	66.29	2.87	ppb
Sulfur	34-1	-901.00	-1505.61	-1371.83	-1259.48		ppb
Terbium	159-1				109		%
Terbium	159-2				100		%
Thallium	203-1	49.23	47.82	49.13	48.73	1.62	ppb
Thallium	205-1	50.25	48.66	50.12	49.68	1.77	ppb
Tin	118-1	47.88	45.27	46.35	46.50	2.82	ppb
Titanium	47-1	235.35	229.59	231.70	232.22	1.26	ppb
Uranium	238-1	49.34	46.98	48.42	48.25	2.46	ppb
Vanadium	51-2	51.50	48.33	53.75	51.19	5.32	ppb
Yttrium	89-1				103		%
Yttrium	89-2				89		%
Zinc	66-2	98.02	91.07	98.41	95.83	4.31	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	49.11	46.29	47.90	47.77	2.96	ppb
Zirconium	91-1	48.90	46.54	47.12	47.52	2.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	935.67	951.97	936.02	941.22	0.99	ppb
Antimony	121-1	49.47	49.14	48.35	48.99	1.17	ppb
Arsenic	75-2	55.17	48.95	49.76	51.30	6.59	ppb
Barium	135-1	239.81	236.81	233.08	236.57	1.43	ppb
Barium	137-1	246.39	242.59	236.63	241.87	2.03	ppb
Beryllium	9-1	51.26	49.63	49.22	50.04	2.16	ppb
Bismuth	209-1				114		%
Bismuth	209-2				97		%
Boron	10-1	49.09	51.46	49.64	50.06	2.48	ppb
Boron	11-1	48.82	47.43	49.66	48.63	2.32	ppb
Cadmium	111-1	49.48	48.99	47.97	48.81	1.57	ppb
Cadmium	106-1	49.03	45.49	47.61	47.38	3.76	ppb
Cadmium	108-1	48.26	46.43	46.89	47.19	2.01	ppb
Calcium	43-1	8020.62	7635.93	7463.87	7706.81	3.70	ppb
Calcium	44-1	8027.68	7702.77	7705.29	7811.91	2.39	ppb
Chromium	52-2	57.02	51.45	52.13	53.53	5.68	ppb
Cobalt	59-2	58.82	53.99	55.64	56.15	4.37	ppb
Copper	63-2	116.16	104.44	107.28	109.29	5.60	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				113		%
Holmium	165-2				97		%
Indium	115-1				109		%
Indium	115-2				89		%
Iron	56-2	2856.75	2580.33	2663.31	2700.13	5.25	ppb
Iron	57-2	2815.25	2581.26	2642.67	2679.73	4.53	ppb
Krypton	83-1						cps
Lead	206-1	50.54	49.46	48.89	49.63	1.69	ppb
Lead	207-1	48.40	47.62	46.23	47.42	2.33	ppb
Lead	208-1	50.02	49.15	47.92	49.03	2.15	ppb
Lithium	6-1				102		%
Magnesium	24-2	6513.05	5876.42	6130.10	6173.19	5.19	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	767.42	695.50	726.78	729.90	4.94	ppb
Molybdenum	94-1	248.80	246.07	240.68	245.18	1.69	ppb
Molybdenum	95-1	243.27	240.15	235.92	239.78	1.54	ppb
Molybdenum	96-1	243.91	242.77	236.09	240.92	1.75	ppb
Molybdenum	97-1	242.79	239.78	235.04	239.20	1.63	ppb
Molybdenum	98-1	244.34	240.83	235.02	240.06	1.96	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	60.98	54.75	55.64	57.12	5.90	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	2834.97	2579.60	2576.96	2663.84	5.56	ppb
Rhodium	103-1				108		%
Rhodium	103-2				95		%
Scandium	45-1				102		%
Scandium	45-2				83		%
Selenium	77-2	27.16	31.62	60.78	39.85	45.81	ppb
Selenium	78-2	67.41	55.48	36.59	53.16	29.23	ppb
Selenium	82-1	51.18	48.75	48.95	49.63	2.71	ppb
Silicon	28-1	1112.73	1059.19	1070.73	1080.88	2.61	ppb
Silver	109-1	40.79	39.93	39.02	39.91	2.22	ppb
Silver	107-1	41.01	39.85	38.78	39.88	2.81	ppb
Sodium	23-2	6038.01	5355.83	5508.71	5634.18	6.35	ppb
Strontium	86-1	66.18	64.80	64.59	65.19	1.33	ppb
Strontium	88-1	67.23	66.78	65.56	66.52	1.30	ppb
Sulfur	34-1	-1132.58	-1837.04	-2097.49	-1689.04		ppb
Terbium	159-1				113		%
Terbium	159-2				98		%
Thallium	203-1	50.79	48.70	47.85	49.11	3.08	ppb
Thallium	205-1	51.14	49.86	49.33	50.11	1.86	ppb
Tin	118-1	47.46	46.28	46.12	46.62	1.57	ppb
Titanium	47-1	239.14	233.89	227.29	233.44	2.54	ppb
Uranium	238-1	49.74	48.95	48.37	49.02	1.40	ppb
Vanadium	51-2	55.53	50.45	51.29	52.42	5.20	ppb
Yttrium	89-1				107		%
Yttrium	89-2				88		%
Zinc	66-2	105.32	100.41	102.80	102.84	2.38	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.88	49.43	48.71	49.68	2.22	ppb
Zirconium	91-1	50.15	49.76	48.37	49.43	1.89	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	873.99	1002.15	910.74	928.96	7.10	ppb
Antimony	121-1	49.23	48.56	48.04	48.61	1.23	ppb
Arsenic	75-2	46.05	48.15	48.85	47.68	3.06	ppb
Barium	135-1	239.02	236.44	234.44	236.63	0.97	ppb
Barium	137-1	243.89	240.10	237.75	240.58	1.29	ppb
Beryllium	9-1	50.11	49.60	48.70	49.47	1.45	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	46.87	51.39	53.69	50.65	6.85	ppb
Boron	11-1	48.44	49.90	48.97	49.10	1.51	ppb
Cadmium	111-1	48.97	48.04	48.29	48.43	0.99	ppb
Cadmium	106-1	47.22	43.22	47.75	46.06	5.37	ppb
Cadmium	108-1	49.52	46.57	47.77	47.95	3.09	ppb
Calcium	43-1	7782.72	7774.24	7629.89	7728.95	1.11	ppb
Calcium	44-1	7933.76	7790.42	7810.21	7844.80	0.99	ppb
Chromium	52-2	50.27	51.98	50.65	50.97	1.77	ppb
Cobalt	59-2	53.23	53.05	53.48	53.26	0.41	ppb
Copper	63-2	102.89	104.29	104.33	103.84	0.79	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				100		%
Indium	115-1				107		%
Indium	115-2				91		%
Iron	56-2	2577.39	2581.50	2565.34	2574.74	0.33	ppb
Iron	57-2	2520.77	2494.10	2523.04	2512.64	0.64	ppb
Krypton	83-1						cps
Lead	206-1	49.91	48.47	48.86	49.08	1.52	ppb
Lead	207-1	47.05	46.96	46.37	46.79	0.80	ppb
Lead	208-1	48.87	48.28	47.94	48.36	0.97	ppb
Lithium	6-1				100		%
Magnesium	24-2	5911.03	5877.00	5861.07	5883.03	0.43	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	702.78	699.23	694.12	698.71	0.62	ppb
Molybdenum	94-1	247.69	242.16	240.83	243.56	1.49	ppb
Molybdenum	95-1	243.41	236.47	236.16	238.68	1.72	ppb
Molybdenum	96-1	242.94	237.78	236.41	239.04	1.44	ppb
Molybdenum	97-1	240.64	238.36	235.18	238.06	1.15	ppb
Molybdenum	98-1	243.00	239.35	236.65	239.67	1.33	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	54.32	54.78	55.33	54.81	0.92	ppb
Phosphorus	31-2	0.00	30.05	0.00	10.02	173.21	ppb
Potassium	39-2	2512.91	2559.47	2522.86	2531.75	0.97	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				100		%
Scandium	45-2				84		%
Selenium	77-2	24.80	39.46	31.74	32.00	22.92	ppb
Selenium	78-2	45.32	47.85	58.07	50.41	13.39	ppb
Selenium	82-1	48.46	50.11	48.97	49.18	1.72	ppb
Silicon	28-1	1069.20	1086.07	1064.36	1073.21	1.06	ppb
Silver	109-1	39.85	39.29	39.55	39.56	0.71	ppb
Silver	107-1	39.81	39.42	39.63	39.62	0.48	ppb
Sodium	23-2	5454.68	5509.92	5472.12	5478.91	0.52	ppb
Strontium	86-1	66.20	65.93	64.04	65.39	1.80	ppb
Strontium	88-1	67.05	66.36	65.36	66.26	1.28	ppb
Sulfur	34-1	-1573.89	-1701.96	-1659.95	-1645.26		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	49.76	48.53	47.93	48.74	1.91	ppb
Thallium	205-1	50.32	49.60	49.40	49.77	0.97	ppb
Tin	118-1	47.12	46.49	46.48	46.69	0.78	ppb
Titanium	47-1	232.94	233.52	230.11	232.19	0.78	ppb
Uranium	238-1	49.17	48.40	47.86	48.48	1.35	ppb
Vanadium	51-2	50.29	50.51	49.82	50.21	0.70	ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	100.09	98.69	96.60	98.46	1.79	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	50.36	49.30	49.05	49.57	1.41	ppb
Zirconium	91-1	50.68	49.73	48.30	49.57	2.41	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.23	13.47	14.48	11.06	45.90	ppb
Antimony	121-1	0.03	0.03	0.03	0.03	1.80	ppb
Arsenic	75-2	2.49	2.65	2.43	2.52	4.44	ppb
Barium	135-1	2.26	2.03	2.19	2.16	5.51	ppb
Barium	137-1	2.36	2.30	2.05	2.24	7.28	ppb
Beryllium	9-1	0.03	0.03	0.00	0.02	78.30	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	7.41	5.91	7.24	6.85	11.98	ppb
Boron	11-1	6.45	6.09	6.12	6.22	3.18	ppb
Cadmium	111-1	-0.12	-0.10	-0.18	-0.13		ppb
Cadmium	106-1	-1.61	-1.39	-2.25	-1.75		ppb
Cadmium	108-1	-0.01	-0.07	-0.01	-0.03		ppb
Calcium	43-1	2577.34	2527.11	2453.96	2519.47	2.46	ppb
Calcium	44-1	2577.48	2527.99	2513.25	2539.57	1.32	ppb
Chromium	52-2	0.12	0.09	0.03	0.08	58.13	ppb
Cobalt	59-2	0.18	0.21	0.16	0.18	15.22	ppb
Copper	63-2	0.29	0.33	0.17	0.26	31.04	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				111		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				91		%
Iron	56-2	989.53	1051.72	993.52	1011.59	3.44	ppb
Iron	57-2	977.82	996.50	967.20	980.50	1.51	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.05	-0.07	-0.05		ppb
Lead	207-1	-0.07	-0.06	-0.08	-0.07		ppb
Lead	208-1	-0.07	-0.06	-0.07	-0.06		ppb
Lithium	6-1				99		%
Magnesium	24-2	941.14	969.01	979.27	963.14	2.05	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	156.28	162.32	155.72	158.11	2.32	ppb
Molybdenum	94-1	0.40	0.40	0.37	0.39	5.54	ppb
Molybdenum	95-1	0.20	0.15	0.12	0.16	28.29	ppb
Molybdenum	96-1	0.21	0.14	0.12	0.16	31.35	ppb
Molybdenum	97-1	0.15	0.12	0.17	0.15	16.90	ppb
Molybdenum	98-1	0.17	0.16	0.18	0.17	6.60	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.11	0.10	0.07	0.10	21.50	ppb
Phosphorus	31-2	29.58	0.00	0.00	9.86	173.21	ppb
Potassium	39-2	284.89	330.88	294.19	303.32	8.02	ppb
Rhodium	103-1				106		%
Rhodium	103-2				96		%
Scandium	45-1				99		%
Scandium	45-2				83		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.49	0.53	-0.72	0.10	692.97	ppb
Selenium	82-1	-0.39	0.44	-0.02	0.01	4829.30	ppb
Silicon	28-1	723.10	686.48	685.07	698.22	3.09	ppb
Silver	109-1	0.04	0.02	0.04	0.03	26.17	ppb
Silver	107-1	0.04	0.02	0.04	0.03	42.46	ppb
Sodium	23-2	599.33	649.02	624.77	624.37	3.98	ppb
Strontium	86-1	13.64	13.41	13.10	13.38	2.04	ppb
Strontium	88-1	13.99	13.85	13.87	13.91	0.55	ppb
Sulfur	34-1	-950.52	-1301.06	-1366.59	-1206.06		ppb
Terbium	159-1				111		%
Terbium	159-2				99		%
Thallium	203-1	-0.03	-0.03	-0.03	-0.03		ppb
Thallium	205-1	-0.03	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.04	0.03	0.03	0.01	465.14	ppb
Titanium	47-1	0.02	0.01	0.18	0.07	132.00	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.04	0.13	0.04	0.07	75.41	ppb
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	0.82	0.39	0.83	0.68	36.97	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.10	0.13	0.12	16.98	ppb
Zirconium	91-1	0.13	0.16	0.12	0.14	15.66	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-2.09	-0.22	-0.24	-0.85		ppb
Antimony	121-1	0.03	0.02	0.01	0.02	40.67	ppb
Arsenic	75-2	1.84	1.49	2.00	1.77	14.78	ppb
Barium	135-1	2.04	1.78	2.07	1.96	8.31	ppb
Barium	137-1	2.04	2.10	2.01	2.05	2.22	ppb
Beryllium	9-1	-0.02	0.03	0.02	0.01	355.99	ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	5.41	6.35	4.73	5.50	14.75	ppb
Boron	11-1	4.59	5.66	4.88	5.04	10.93	ppb
Cadmium	111-1	-0.10	-0.10	-0.12	-0.11		ppb
Cadmium	106-1	-1.18	-1.06	-1.40	-1.22		ppb
Cadmium	108-1	0.16	-0.04	0.09	0.07	143.96	ppb
Calcium	43-1	2972.48	3092.07	3029.77	3031.44	1.97	ppb
Calcium	44-1	2940.62	3082.95	2961.61	2995.06	2.57	ppb
Chromium	52-2	0.00	-0.03	0.12	0.03	270.79	ppb
Cobalt	59-2	-0.02	-0.02	-0.04	-0.03		ppb
Copper	63-2	0.25	0.26	0.20	0.24	12.81	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				110		%
Holmium	165-2				100		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	1319.50	1323.71	1322.42	1321.88	0.16	ppb
Iron	57-2	1306.76	1301.37	1284.21	1297.45	0.91	ppb
Krypton	83-1						cps
Lead	206-1	-0.06	-0.06	-0.03	-0.05		ppb
Lead	207-1	-0.07	-0.08	-0.06	-0.07		ppb
Lead	208-1	-0.07	-0.07	-0.05	-0.06		ppb
Lithium	6-1				99		%
Magnesium	24-2	775.34	754.93	784.66	771.64	1.97	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	76.62	79.01	78.39	78.00	1.59	ppb
Molybdenum	94-1	0.22	0.20	0.15	0.19	17.59	ppb
Molybdenum	95-1	0.03	0.04	0.04	0.04	26.46	ppb
Molybdenum	96-1	0.07	0.03	0.06	0.06	35.67	ppb
Molybdenum	97-1	0.11	0.05	0.03	0.06	62.69	ppb
Molybdenum	98-1	0.05	0.04	0.05	0.05	7.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.04	0.11	0.12	0.09	45.89	ppb
Phosphorus	31-2	0.00	0.00	30.02	10.01	173.21	ppb
Potassium	39-2	306.57	295.81	301.66	301.35	1.79	ppb
Rhodium	103-1				106		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	0.50	0.49	0.09	771.99	ppb
Selenium	82-1	-0.05	0.30	0.25	0.17	111.10	ppb
Silicon	28-1	761.79	794.27	760.79	772.28	2.47	ppb
Silver	109-1	0.03	0.02	0.03	0.03	20.20	ppb
Silver	107-1	0.04	0.02	0.03	0.03	23.91	ppb
Sodium	23-2	581.92	563.74	571.62	572.43	1.59	ppb
Strontium	86-1	14.91	15.13	14.66	14.90	1.58	ppb
Strontium	88-1	14.88	15.39	15.02	15.10	1.74	ppb
Sulfur	34-1	-1012.82	-636.94	-1252.41	-967.39		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.05	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.03	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.03	0.00	-0.04	-0.02		ppb
Titanium	47-1	-0.06	0.12	0.04	0.03	294.49	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.04	-0.01	-0.02	-0.02		ppb
Yttrium	89-1				104		%
Yttrium	89-2				89		%
Zinc	66-2	0.43	0.96	0.92	0.77	38.70	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.06	0.08	0.08	0.07	17.83	ppb
Zirconium	91-1	0.09	0.08	0.10	0.09	7.67	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47404.48	47017.64	49066.76	47829.62	2.28	ppb
Antimony	121-1	475.17	474.17	472.61	473.98	0.27	ppb
Arsenic	75-2	475.54	461.73	482.49	473.25	2.23	ppb
Barium	135-1	2421.22	2476.86	2427.28	2441.79	1.25	ppb
Barium	137-1	2447.83	2442.03	2419.89	2436.58	0.61	ppb
Beryllium	9-1	500.72	497.20	496.14	498.02	0.48	ppb
Bismuth	209-1				107		%
Bismuth	209-2				99		%
Boron	10-1	483.03	484.57	501.99	489.87	2.15	ppb
Boron	11-1	476.22	486.22	497.95	486.80	2.23	ppb
Cadmium	111-1	465.45	469.09	461.16	465.24	0.85	ppb
Cadmium	106-1	467.26	478.42	456.55	467.41	2.34	ppb
Cadmium	108-1	466.06	473.75	467.22	469.01	0.88	ppb
Calcium	43-1	228674.78	228945.43	227819.64	228479.95	0.26	ppb
Calcium	44-1	228130.58	227366.97	227673.10	227723.55	0.17	ppb
Chromium	52-2	505.92	493.58	513.04	504.18	1.95	ppb
Cobalt	59-2	492.91	481.87	502.18	492.32	2.06	ppb
Copper	63-2	970.49	944.78	981.12	965.46	1.94	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				104		%
Indium	115-1				104		%
Indium	115-2				94		%
Iron	56-2	126900.90	124395.01	129007.28	126767.73	1.82	ppb
Iron	57-2	124855.16	122171.89	127738.11	124921.72	2.23	ppb
Krypton	83-1						cps
Lead	206-1	499.97	507.10	501.23	502.77	0.76	ppb
Lead	207-1	496.95	503.72	505.20	501.96	0.88	ppb
Lead	208-1	499.65	504.94	504.96	503.18	0.61	ppb
Lithium	6-1				99		%
Magnesium	24-2	246680.68	239627.54	248021.55	244776.59	1.84	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	970.29	952.73	980.61	967.88	1.46	ppb
Molybdenum	94-1	2450.85	2499.23	2472.50	2474.19	0.98	ppb
Molybdenum	95-1	2479.06	2493.88	2455.57	2476.17	0.78	ppb
Molybdenum	96-1	2457.49	2507.30	2476.89	2480.56	1.01	ppb
Molybdenum	97-1	2475.44	2511.13	2489.47	2492.01	0.72	ppb
Molybdenum	98-1	2450.93	2479.45	2475.49	2468.63	0.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	499.96	485.33	499.92	495.07	1.70	ppb
Phosphorus	31-2	8853.71	9683.77	9231.16	9256.22	4.49	ppb
Potassium	39-2	118943.32	117849.62	119561.05	118784.66	0.73	ppb
Rhodium	103-1				101		%
Rhodium	103-2				94		%
Scandium	45-1				102		%
Scandium	45-2				93		%
Selenium	77-2	441.77	492.56	471.89	468.74	5.45	ppb
Selenium	78-2	497.10	457.79	459.69	471.53	4.70	ppb
Selenium	82-1	476.26	480.72	483.02	480.00	0.72	ppb
Silicon	28-1	508.30	513.00	509.51	510.27	0.48	ppb
Silver	109-1	470.90	476.86	468.13	471.96	0.94	ppb
Silver	107-1	471.48	470.84	466.04	469.45	0.63	ppb
Sodium	23-2	243884.23	240894.30	248402.34	244393.63	1.55	ppb
Strontium	86-1	485.66	487.58	488.60	487.28	0.31	ppb
Strontium	88-1	492.85	494.15	491.43	492.81	0.28	ppb
Sulfur	34-1	8651.31	8710.87	8735.17	8699.11	0.50	ppb
Terbium	159-1				111		%
Terbium	159-2				104		%
Thallium	203-1	494.56	501.93	501.58	499.36	0.83	ppb
Thallium	205-1	493.60	500.85	498.72	497.72	0.75	ppb
Tin	118-1	476.72	482.22	483.49	480.81	0.75	ppb
Titanium	47-1	2453.65	2477.65	2446.39	2459.23	0.67	ppb
Uranium	238-1	495.46	504.57	505.40	501.81	1.10	ppb
Vanadium	51-2	495.37	486.03	501.07	494.16	1.54	ppb
Yttrium	89-1				105		%
Yttrium	89-2				96		%
Zinc	66-2	959.39	928.16	974.62	954.06	2.48	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	495.05	493.71	496.31	495.02	0.26	ppb
Zirconium	91-1	488.12	493.12	490.76	490.67	0.51	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.36	-2.09	2.96	0.74	347.54	ppb
Antimony	121-1	1.29	1.06	1.09	1.15	10.71	ppb
Arsenic	75-2	0.06	-0.01	-0.01	0.01	402.94	ppb
Barium	135-1	0.06	0.04	0.02	0.04	54.52	ppb
Barium	137-1	0.07	0.03	0.02	0.04	58.39	ppb
Beryllium	9-1	0.18	0.14	0.14	0.15	15.08	ppb
Bismuth	209-1				108		%
Bismuth	209-2				104		%
Boron	10-1	17.24	14.64	17.73	16.54	10.04	ppb
Boron	11-1	18.16	15.60	15.59	16.45	8.99	ppb
Cadmium	111-1	-0.01	-0.04	-0.05	-0.03		ppb
Cadmium	106-1	-0.21	-0.73	-1.04	-0.66		ppb
Cadmium	108-1	0.09	0.06	0.03	0.06	47.78	ppb
Calcium	43-1	5.85	13.90	4.37	8.04	63.84	ppb
Calcium	44-1	0.83	-1.27	-2.42	-0.95		ppb
Chromium	52-2	0.03	-0.01	0.06	0.03	127.50	ppb
Cobalt	59-2	-0.04	-0.04	-0.05	-0.04		ppb
Copper	63-2	0.08	0.07	0.00	0.05	91.49	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				103		%
Indium	115-1				105		%
Indium	115-2				97		%
Iron	56-2	4.14	3.54	3.16	3.61	13.65	ppb
Iron	57-2	2.80	1.49	2.09	2.13	30.94	ppb
Krypton	83-1						cps
Lead	206-1	-0.01	-0.01	-0.01	-0.01		ppb
Lead	207-1	-0.04	-0.01	-0.01	-0.02		ppb
Lead	208-1	-0.02	-0.02	-0.01	-0.02		ppb
Lithium	6-1				99		%
Magnesium	24-2	5.48	4.69	3.50	4.56	21.83	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.14	-0.19	-0.09	-0.14		ppb
Molybdenum	94-1	1.38	1.23	1.19	1.27	7.84	ppb
Molybdenum	95-1	1.12	1.03	0.99	1.05	6.31	ppb
Molybdenum	96-1	1.41	1.23	1.10	1.25	12.39	ppb
Molybdenum	97-1	1.28	1.14	1.04	1.15	10.49	ppb
Molybdenum	98-1	1.24	1.14	1.05	1.15	8.31	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.11	-0.09	-0.02	-0.07		ppb
Phosphorus	31-2	27.94	0.00	54.45	27.46	99.15	ppb
Potassium	39-2	6.75	22.97	26.48	18.73	56.20	ppb
Rhodium	103-1				105		%
Rhodium	103-2				101		%
Scandium	45-1				102		%
Scandium	45-2				92		%
Selenium	77-2	-4.33	-4.33	2.40	-2.09		ppb
Selenium	78-2	0.42	0.40	-0.72	0.03	1924.77	ppb
Selenium	82-1	0.23	0.19	0.16	0.19	18.07	ppb
Silicon	28-1	-11.72	-9.36	-8.82	-9.97		ppb
Silver	109-1	0.04	0.06	0.05	0.05	18.87	ppb
Silver	107-1	0.05	0.05	0.05	0.05	2.42	ppb
Sodium	23-2	48.76	39.05	30.91	39.57	22.58	ppb
Strontium	86-1	0.00	-0.02	0.02	0.00		ppb
Strontium	88-1	0.02	0.02	0.01	0.02	7.13	ppb
Sulfur	34-1	-1602.29	-1308.57	-842.83	-1251.23		ppb
Terbium	159-1				108		%
Terbium	159-2				103		%
Thallium	203-1	0.08	0.08	0.02	0.06	51.32	ppb
Thallium	205-1	0.08	0.06	0.05	0.06	24.49	ppb
Tin	118-1	0.46	0.36	0.32	0.38	18.67	ppb
Titanium	47-1	0.18	0.11	0.19	0.16	26.47	ppb
Uranium	238-1	-0.01	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	0.00	-0.02	0.01	-0.01		ppb
Yttrium	89-1				103		%
Yttrium	89-2				96		%
Zinc	66-2	-0.17	-0.09	-0.12	-0.13		ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.26	0.25	0.27	0.26	4.47	ppb
Zirconium	91-1	0.36	0.26	0.25	0.29	20.79	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.40	2.88	-2.09	0.13	1989.88	ppb
Antimony	121-1	0.29	0.28	0.25	0.27	7.34	ppb
Arsenic	75-2	0.01	-0.04	-0.06	-0.03		ppb
Barium	135-1	0.00	-0.04	0.00	-0.01		ppb
Barium	137-1	-0.02	0.01	-0.02	-0.01		ppb
Beryllium	9-1	0.06	0.06	0.07	0.06	11.22	ppb
Bismuth	209-1				113		%
Bismuth	209-2				105		%
Boron	10-1	6.40	7.83	7.43	7.22	10.29	ppb
Boron	11-1	6.10	5.86	6.15	6.03	2.58	ppb
Cadmium	111-1	-0.05	-0.12	0.01	-0.05		ppb
Cadmium	106-1	-0.58	-1.69	0.09	-0.73		ppb
Cadmium	108-1	0.22	0.06	0.02	0.10	103.30	ppb
Calcium	43-1	2.21	8.42	4.57	5.07	61.86	ppb
Calcium	44-1	-1.47	-4.18	-5.36	-3.67		ppb
Chromium	52-2	-0.03	-0.13	0.03	-0.04		ppb
Cobalt	59-2	-0.06	-0.05	-0.06	-0.06		ppb
Copper	63-2	0.11	0.03	0.02	0.05	101.25	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				112		%
Holmium	165-2				105		%
Indium	115-1				110		%
Indium	115-2				99		%
Iron	56-2	0.94	0.70	0.62	0.75	22.26	ppb
Iron	57-2	1.10	0.47	-0.04	0.51	112.21	ppb
Krypton	83-1						cps
Lead	206-1	-0.02	-0.03	-0.01	-0.02		ppb
Lead	207-1	-0.02	-0.04	0.00	-0.02		ppb
Lead	208-1	-0.02	-0.03	-0.03	-0.03		ppb
Lithium	6-1				105		%
Magnesium	24-2	4.89	5.32	4.96	5.06	4.60	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.20	-0.20	-0.10	-0.17		ppb
Molybdenum	94-1	0.38	0.36	0.38	0.37	2.43	ppb
Molybdenum	95-1	0.27	0.23	0.19	0.23	17.31	ppb
Molybdenum	96-1	0.32	0.23	0.22	0.26	20.68	ppb
Molybdenum	97-1	0.32	0.25	0.34	0.30	15.22	ppb
Molybdenum	98-1	0.33	0.27	0.26	0.29	13.53	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.03	-0.04	-0.07	-0.03		ppb
Phosphorus	31-2	27.33	0.00	0.00	9.11	173.21	ppb
Potassium	39-2	9.32	19.29	9.38	12.66	45.31	ppb
Rhodium	103-1				110		%
Rhodium	103-2				103		%
Scandium	45-1				105		%
Scandium	45-2				94		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	1.55	0.38	0.39	0.77	87.39	ppb
Selenium	82-1	-0.21	0.10	0.41	0.10	302.48	ppb
Silicon	28-1	-12.06	-12.22	-12.18	-12.15		ppb
Silver	109-1	0.02	0.03	0.02	0.02	17.42	ppb
Silver	107-1	0.01	0.02	0.02	0.02	16.13	ppb
Sodium	23-2	31.31	18.80	22.83	24.31	26.27	ppb
Strontium	86-1	-0.05	-0.07	-0.03	-0.05		ppb
Strontium	88-1	0.01	0.02	0.01	0.01	30.51	ppb
Sulfur	34-1	-1675.70	-1728.61	-1639.68	-1681.33		ppb
Terbium	159-1				113		%
Terbium	159-2				105		%
Thallium	203-1	-0.01	-0.01	0.01	0.00		ppb
Thallium	205-1	0.00	0.00	0.00	0.00	417.82	ppb
Tin	118-1	0.04	0.01	0.03	0.03	68.42	ppb
Titanium	47-1	-0.01	-0.02	0.07	0.01	330.58	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.03	-0.02	0.00	-0.02		ppb
Yttrium	89-1				108		%
Yttrium	89-2				97		%
Zinc	66-2	0.66	0.47	0.22	0.45	48.82	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.13	0.09	0.10	19.42	ppb
Zirconium	91-1	0.11	0.10	0.09	0.10	13.84	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	5.66	18.08	6.85	10.20	67.20	ppb
Antimony	121-1	0.25	0.27	0.30	0.27	8.99	ppb
Arsenic	75-2	6.01	5.57	5.65	5.74	4.10	ppb
Barium	135-1	3.81	3.79	4.02	3.87	3.24	ppb
Barium	137-1	4.08	3.97	4.23	4.09	3.11	ppb
Beryllium	9-1	0.08	0.08	0.12	0.09	25.24	ppb
Bismuth	209-1				112		%
Bismuth	209-2				101		%
Boron	10-1	5.87	7.43	6.07	6.46	13.17	ppb
Boron	11-1	6.11	6.33	6.84	6.43	5.84	ppb
Cadmium	111-1	-0.05	-0.02	-0.03	-0.03		ppb
Cadmium	106-1	-1.13	-1.21	-1.44	-1.26		ppb
Cadmium	108-1	0.16	0.09	0.03	0.09	70.07	ppb
Calcium	43-1	6656.72	6571.57	6825.79	6684.69	1.94	ppb
Calcium	44-1	6804.63	6921.97	6926.95	6884.52	1.01	ppb
Chromium	52-2	0.10	0.14	0.15	0.13	20.60	ppb
Cobalt	59-2	0.06	0.01	-0.01	0.02	168.88	ppb
Copper	63-2	0.47	0.36	0.22	0.35	36.65	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				111		%
Holmium	165-2				99		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	56-2	3482.07	3255.26	3168.88	3302.07	4.90	ppb
Iron	57-2	3404.51	3186.90	3069.55	3220.32	5.28	ppb
Krypton	83-1						cps
Lead	206-1	0.04	0.04	0.03	0.03	18.54	ppb
Lead	207-1	0.02	0.03	0.03	0.03	15.32	ppb
Lead	208-1	0.02	0.02	0.02	0.02	17.88	ppb
Lithium	6-1				100		%
Magnesium	24-2	981.25	929.16	857.60	922.67	6.73	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	290.27	265.34	259.46	271.69	6.02	ppb
Molybdenum	94-1	0.52	0.55	0.57	0.55	4.59	ppb
Molybdenum	95-1	0.32	0.30	0.36	0.33	10.55	ppb
Molybdenum	96-1	0.41	0.35	0.37	0.38	8.05	ppb
Molybdenum	97-1	0.30	0.40	0.32	0.34	15.71	ppb
Molybdenum	98-1	0.36	0.36	0.37	0.36	0.99	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.02	0.04	0.03	0.03	35.87	ppb
Phosphorus	31-2	94.01	29.64	28.91	50.85	73.50	ppb
Potassium	39-2	473.28	446.05	449.50	456.28	3.25	ppb
Rhodium	103-1				107		%
Rhodium	103-2				96		%
Scandium	45-1				102		%
Scandium	45-2				84		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.55	1.65	-0.72	0.49	240.08	ppb
Selenium	82-1	0.21	-0.17	-0.07	-0.01		ppb
Silicon	28-1	1095.66	1101.68	1105.77	1101.04	0.46	ppb
Silver	109-1	0.07	0.09	0.09	0.08	11.93	ppb
Silver	107-1	0.08	0.08	0.08	0.08	1.99	ppb
Sodium	23-2	527.76	465.87	477.36	490.33	6.71	ppb
Strontium	86-1	21.67	22.06	22.37	22.03	1.60	ppb
Strontium	88-1	22.17	22.61	23.00	22.59	1.83	ppb
Sulfur	34-1	-1629.11	-1593.21	-1666.65	-1629.66		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	0.06	0.09	0.08	0.08	20.79	ppb
Thallium	205-1	0.08	0.09	0.07	0.08	10.17	ppb
Tin	118-1	0.07	0.06	0.08	0.07	8.35	ppb
Titanium	47-1	0.39	0.37	0.11	0.29	52.63	ppb
Uranium	238-1	0.02	0.02	0.02	0.02	14.19	ppb
Vanadium	51-2	0.05	0.04	0.10	0.06	47.14	ppb
Yttrium	89-1				106		%
Yttrium	89-2				90		%
Zinc	66-2	1.46	1.14	0.73	1.11	33.16	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.16	0.18	0.17	0.17	8.32	ppb
Zirconium	91-1	0.09	0.15	0.23	0.16	44.04	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.28	-2.09	1.54	-0.28		ppb
Antimony	121-1	0.13	0.17	0.13	0.14	18.67	ppb
Arsenic	75-2	5.25	4.95	5.07	5.09	2.93	ppb
Barium	135-1	3.48	4.17	3.83	3.83	9.01	ppb
Barium	137-1	3.38	4.29	3.93	3.87	11.85	ppb
Beryllium	9-1	0.01	0.06	-0.01	0.02	186.45	ppb
Bismuth	209-1				109		%
Bismuth	209-2				103		%
Boron	10-1	4.47	6.83	5.37	5.56	21.45	ppb
Boron	11-1	4.94	6.36	5.44	5.58	12.88	ppb
Cadmium	111-1	-0.09	-0.01	-0.14	-0.08		ppb
Cadmium	106-1	-1.25	-0.04	-2.17	-1.15		ppb
Cadmium	108-1	0.02	0.00	0.03	0.02	79.84	ppb
Calcium	43-1	6375.73	7714.39	6768.34	6952.82	9.90	ppb
Calcium	44-1	6514.87	7677.18	6871.49	7021.18	8.48	ppb
Chromium	52-2	0.04	0.08	0.12	0.08	50.25	ppb
Cobalt	59-2	-0.03	-0.04	-0.03	-0.03		ppb
Copper	63-2	0.19	0.25	0.26	0.24	17.19	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				107		%
Holmium	165-2				102		%
Indium	115-1				102		%
Indium	115-2				93		%
Iron	56-2	3084.27	3094.07	3068.75	3082.36	0.41	ppb
Iron	57-2	3024.36	3049.59	3151.11	3075.02	2.18	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.03	-0.02	-0.03		ppb
Lead	207-1	-0.04	-0.06	-0.05	-0.05		ppb
Lead	208-1	-0.04	-0.04	-0.04	-0.04		ppb
Lithium	6-1				96		%
Magnesium	24-2	856.19	828.06	811.31	831.85	2.73	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	262.67	261.65	262.10	262.14	0.20	ppb
Molybdenum	94-1	0.26	0.25	0.26	0.26	2.54	ppb
Molybdenum	95-1	0.07	0.15	0.14	0.12	38.47	ppb
Molybdenum	96-1	0.12	0.18	0.11	0.13	28.14	ppb
Molybdenum	97-1	0.14	0.08	0.13	0.12	26.10	ppb
Molybdenum	98-1	0.10	0.13	0.12	0.12	12.63	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.02	-0.01	-0.13	-0.05		ppb
Phosphorus	31-2	0.00	29.29	0.00	9.76	173.21	ppb
Potassium	39-2	428.26	441.53	422.23	430.67	2.29	ppb
Rhodium	103-1				102		%
Rhodium	103-2				97		%
Scandium	45-1				95		%
Scandium	45-2				86		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.47	1.66	-0.72	0.47	252.03	ppb
Selenium	82-1	0.02	0.15	0.07	0.08	80.55	ppb
Silicon	28-1	1048.70	1259.18	1107.08	1138.32	9.55	ppb
Silver	109-1	0.04	0.04	0.04	0.04	9.85	ppb
Silver	107-1	0.03	0.05	0.04	0.04	25.68	ppb
Sodium	23-2	439.04	413.78	416.64	423.15	3.27	ppb
Strontium	86-1	21.34	24.36	21.81	22.50	7.22	ppb
Strontium	88-1	21.69	25.19	22.39	23.09	8.01	ppb
Sulfur	34-1	-1834.81	322.26	-1303.34	-938.63		ppb
Terbium	159-1				106		%
Terbium	159-2				102		%
Thallium	203-1	-0.04	-0.02	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.01	-0.01	-0.02		ppb
Tin	118-1	-0.02	0.02	0.01	0.01	314.29	ppb
Titanium	47-1	0.02	0.06	0.12	0.06	81.65	ppb
Uranium	238-1	-0.03	-0.02	-0.03	-0.03		ppb
Vanadium	51-2	0.00	0.03	0.01	0.01	108.15	ppb
Yttrium	89-1				101		%
Yttrium	89-2				91		%
Zinc	66-2	1.33	1.12	1.58	1.34	16.94	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.11	0.10	0.09	0.10	7.48	ppb
Zirconium	91-1	0.12	0.10	0.12	0.11	11.98	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.72	5.21	-0.26	2.23	124.50	ppb
Antimony	121-1	0.09	0.10	0.10	0.10	10.09	ppb
Arsenic	75-2	0.10	0.07	0.02	0.06	69.36	ppb
Barium	135-1	1.81	1.77	1.65	1.74	4.77	ppb
Barium	137-1	1.71	1.59	1.79	1.70	5.83	ppb
Beryllium	9-1	0.01	0.05	0.03	0.03	65.38	ppb
Bismuth	209-1				113		%
Bismuth	209-2				101		%
Boron	10-1	3.57	4.65	4.42	4.21	13.47	ppb
Boron	11-1	4.41	4.46	4.29	4.39	1.99	ppb
Cadmium	111-1	-0.09	-0.18	-0.09	-0.12		ppb
Cadmium	106-1	-1.28	-2.41	-0.98	-1.56		ppb
Cadmium	108-1	0.03	0.03	0.03	0.03	3.50	ppb
Calcium	43-1	3078.90	3148.52	3094.81	3107.41	1.17	ppb
Calcium	44-1	3003.55	3090.79	3096.15	3063.50	1.70	ppb
Chromium	52-2	0.06	0.23	-0.02	0.09	140.21	ppb
Cobalt	59-2	0.50	0.47	0.46	0.48	4.25	ppb
Copper	63-2	0.37	0.40	0.34	0.37	7.72	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				110		%
Holmium	165-2				99		%
Indium	115-1				106		%
Indium	115-2				92		%
Iron	56-2	28.65	25.61	27.29	27.18	5.61	ppb
Iron	57-2	31.31	19.81	32.65	27.92	25.27	ppb
Krypton	83-1						cps
Lead	206-1	-0.05	-0.07	-0.03	-0.05		ppb
Lead	207-1	-0.07	-0.08	-0.05	-0.07		ppb
Lead	208-1	-0.06	-0.06	-0.05	-0.06		ppb
Lithium	6-1				98		%
Magnesium	24-2	918.61	888.79	872.79	893.40	2.60	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	761.47	715.44	719.27	732.06	3.49	ppb
Molybdenum	94-1	0.28	0.23	0.16	0.22	26.37	ppb
Molybdenum	95-1	0.09	0.03	0.04	0.05	51.37	ppb
Molybdenum	96-1	0.03	0.06	0.05	0.05	28.17	ppb
Molybdenum	97-1	0.08	0.03	0.04	0.05	59.26	ppb
Molybdenum	98-1	0.05	0.06	0.05	0.05	13.94	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.52	0.49	0.60	0.54	10.73	ppb
Phosphorus	31-2	0.00	0.00	59.30	19.77	173.21	ppb
Potassium	39-2	274.62	231.34	275.93	260.63	9.74	ppb
Rhodium	103-1				105		%
Rhodium	103-2				97		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	3.10	-4.33	2.86	0.54	775.62	ppb
Selenium	78-2	0.52	-0.72	-0.72	-0.31		ppb
Selenium	82-1	0.57	0.55	0.74	0.62	16.05	ppb
Silicon	28-1	976.26	994.54	1001.64	990.81	1.32	ppb
Silver	109-1	0.04	0.04	0.05	0.04	17.25	ppb
Silver	107-1	0.04	0.04	0.04	0.04	6.53	ppb
Sodium	23-2	509.54	462.73	468.47	480.25	5.32	ppb
Strontium	86-1	15.34	16.13	16.56	16.01	3.85	ppb
Strontium	88-1	16.30	16.76	16.69	16.58	1.50	ppb
Sulfur	34-1	-1506.11	-1474.84	-1360.46	-1447.14		ppb
Terbium	159-1				111		%
Terbium	159-2				100		%
Thallium	203-1	-0.04	-0.04	-0.05	-0.04		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.02	-0.02	0.02	-0.01		ppb
Titanium	47-1	0.04	0.16	0.15	0.12	54.27	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.01	-0.01	-0.03	-0.01		ppb
Yttrium	89-1				104		%
Yttrium	89-2				89		%
Zinc	66-2	1.61	0.86	1.04	1.17	33.69	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.07	0.08	0.08	0.08	4.24	ppb
Zirconium	91-1	0.08	0.09	0.08	0.09	6.05	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.60	1.60	8.96	4.05	104.82	ppb
Antimony	121-1	0.08	0.05	0.07	0.07	24.33	ppb
Arsenic	75-2	0.04	-0.04	0.07	0.02	225.56	ppb
Barium	135-1	1.69	1.92	1.82	1.81	6.58	ppb
Barium	137-1	1.89	1.82	1.97	1.89	4.09	ppb
Beryllium	9-1	0.01	0.00	0.00	0.00		ppb
Bismuth	209-1				113		%
Bismuth	209-2				102		%
Boron	10-1	3.95	4.64	4.70	4.43	9.36	ppb
Boron	11-1	4.78	4.23	4.28	4.43	6.92	ppb
Cadmium	111-1	-0.14	-0.02	-0.10	-0.09		ppb
Cadmium	106-1	-1.74	-0.20	-1.20	-1.05		ppb
Cadmium	108-1	0.02	0.12	0.03	0.06	97.69	ppb
Calcium	43-1	3127.39	3171.65	3261.68	3186.91	2.15	ppb
Calcium	44-1	3157.34	3176.71	3209.69	3181.25	0.83	ppb
Chromium	52-2	0.04	0.08	0.03	0.05	46.59	ppb
Cobalt	59-2	0.54	0.44	0.42	0.47	14.12	ppb
Copper	63-2	0.29	0.37	0.44	0.37	20.39	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				112		%
Holmium	165-2				101		%
Indium	115-1				107		%
Indium	115-2				92		%
Iron	56-2	28.07	27.70	27.79	27.85	0.70	ppb
Iron	57-2	24.01	31.23	23.93	26.39	15.89	ppb
Krypton	83-1						cps
Lead	206-1	-0.05	-0.06	-0.05	-0.06		ppb
Lead	207-1	-0.07	-0.07	-0.07	-0.07		ppb
Lead	208-1	-0.06	-0.07	-0.07	-0.07		ppb
Lithium	6-1				98		%
Magnesium	24-2	921.19	911.09	912.95	915.07	0.59	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	763.70	765.11	774.79	767.87	0.79	ppb
Molybdenum	94-1	0.11	0.17	0.12	0.13	21.96	ppb
Molybdenum	95-1	-0.02	0.02	0.01	0.01	350.43	ppb
Molybdenum	96-1	0.04	0.02	0.04	0.03	35.35	ppb
Molybdenum	97-1	0.00	0.03	0.04	0.02	100.15	ppb
Molybdenum	98-1	0.02	0.04	0.01	0.03	68.61	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.53	0.57	0.51	0.54	4.91	ppb
Phosphorus	31-2	0.00	0.00	0.00	0.00	N/A	ppb
Potassium	39-2	295.61	274.17	332.00	300.60	9.73	ppb
Rhodium	103-1				107		%
Rhodium	103-2				98		%
Scandium	45-1				100		%
Scandium	45-2				85		%
Selenium	77-2	-4.33	2.92	-4.33	-1.91		ppb
Selenium	78-2	-0.72	-0.72	-0.72	-0.72		ppb
Selenium	82-1	-0.02	-0.33	0.26	-0.03		ppb
Silicon	28-1	1023.29	1026.01	1024.60	1024.63	0.13	ppb
Silver	109-1	0.03	0.03	0.03	0.03	1.00	ppb
Silver	107-1	0.03	0.03	0.04	0.03	10.02	ppb
Sodium	23-2	508.41	498.42	485.73	497.52	2.28	ppb
Strontium	86-1	16.95	17.10	16.62	16.89	1.46	ppb
Strontium	88-1	17.24	17.43	17.31	17.33	0.54	ppb
Sulfur	34-1	-1478.80	-1535.91	-1560.08	-1524.93		ppb
Terbium	159-1				112		%
Terbium	159-2				101		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.04	-0.04	-0.04	-0.04		ppb
Tin	118-1	-0.04	-0.03	-0.04	-0.04		ppb
Titanium	47-1	0.20	0.16	0.01	0.12	80.60	ppb
Uranium	238-1	-0.02	-0.02	-0.02	-0.02		ppb
Vanadium	51-2	-0.02	-0.01	-0.03	-0.02		ppb
Yttrium	89-1				105		%
Yttrium	89-2				90		%
Zinc	66-2	1.08	1.54	1.40	1.34	17.39	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.09	0.05	0.05	0.06	33.96	ppb
Zirconium	91-1	0.09	0.06	0.06	0.07	30.68	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1.48	3.24	1.47	2.06	49.33	ppb
Antimony	121-1	0.01	0.02	0.01	0.01	17.45	ppb
Arsenic	75-2	-0.01	0.04	-0.06	-0.01		ppb
Barium	135-1	0.30	0.36	0.35	0.33	9.73	ppb
Barium	137-1	0.32	0.33	0.31	0.32	2.66	ppb
Beryllium	9-1	-0.01	-0.06	0.00	-0.03		ppb
Bismuth	209-1				111		%
Bismuth	209-2				103		%
Boron	10-1	2.17	2.23	2.50	2.30	7.73	ppb
Boron	11-1	2.30	2.31	2.67	2.43	8.68	ppb
Cadmium	111-1	-0.11	-0.09	-0.06	-0.09		ppb
Cadmium	106-1	-1.33	-1.09	-0.73	-1.05		ppb
Cadmium	108-1	-0.07	-0.07	-0.01	-0.05		ppb
Calcium	43-1	603.50	597.97	635.36	612.28	3.30	ppb
Calcium	44-1	590.01	595.35	601.61	595.66	0.97	ppb
Chromium	52-2	0.00	0.04	0.03	0.02	79.99	ppb
Cobalt	59-2	0.03	0.03	0.04	0.03	24.80	ppb
Copper	63-2	0.17	0.09	0.16	0.14	28.72	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				110		%
Holmium	165-2				102		%
Indium	115-1				107		%
Indium	115-2				95		%
Iron	56-2	5.22	4.49	4.92	4.88	7.52	ppb
Iron	57-2	5.77	2.49	1.97	3.41	60.41	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.04	-0.05	-0.04		ppb
Lead	207-1	-0.05	-0.06	-0.06	-0.06		ppb
Lead	208-1	-0.05	-0.06	-0.06	-0.05		ppb
Lithium	6-1				100		%
Magnesium	24-2	183.70	190.18	179.34	184.41	2.96	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	143.44	143.61	145.47	144.17	0.78	ppb
Molybdenum	94-1	0.08	0.08	0.09	0.09	8.66	ppb
Molybdenum	95-1	0.00	-0.01	0.00	0.00		ppb
Molybdenum	96-1	-0.02	-0.04	0.01	-0.02		ppb
Molybdenum	97-1	-0.02	-0.01	0.01	-0.01		ppb
Molybdenum	98-1	-0.01	0.00	0.02	0.00	2932.65	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.07	0.04	-0.04	0.02	269.17	ppb
Phosphorus	31-2	28.87	28.73	0.00	19.20	86.60	ppb
Potassium	39-2	71.60	70.62	72.56	71.59	1.36	ppb
Rhodium	103-1				106		%
Rhodium	103-2				99		%
Scandium	45-1				101		%
Scandium	45-2				88		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	0.45	-0.72	0.44	0.06	1201.03	ppb
Selenium	82-1	0.32	0.46	-0.28	0.17	238.18	ppb
Silicon	28-1	211.58	214.65	216.80	214.34	1.22	ppb
Silver	109-1	0.04	0.01	0.03	0.03	44.90	ppb
Silver	107-1	0.01	0.01	0.02	0.01	19.63	ppb
Sodium	23-2	102.16	103.69	108.56	104.80	3.19	ppb
Strontium	86-1	2.90	3.10	3.34	3.11	7.16	ppb
Strontium	88-1	3.23	3.25	3.32	3.27	1.38	ppb
Sulfur	34-1	-1764.39	-1595.11	-1422.99	-1594.16		ppb
Terbium	159-1				111		%
Terbium	159-2				103		%
Thallium	203-1	-0.06	-0.05	-0.05	-0.05		ppb
Thallium	205-1	-0.05	-0.04	-0.05	-0.05		ppb
Tin	118-1	-0.11	-0.04	-0.05	-0.07		ppb
Titanium	47-1	-0.07	0.02	0.03	-0.01		ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	-0.02	-0.03	-0.04	-0.03		ppb
Yttrium	89-1				105		%
Yttrium	89-2				93		%
Zinc	66-2	0.86	0.95	0.45	0.75	35.62	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.02	0.02	0.02	0.02	7.20	ppb
Zirconium	91-1	0.05	0.07	0.02	0.05	53.85	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	922.67	924.06	1004.09	950.27	4.91	ppb
Antimony	121-1	48.17	48.04	48.56	48.26	0.56	ppb
Arsenic	75-2	48.93	50.05	46.63	48.54	3.60	ppb
Barium	135-1	232.75	233.14	236.33	234.07	0.84	ppb
Barium	137-1	236.21	237.24	240.52	237.99	0.94	ppb
Beryllium	9-1	47.72	48.74	49.94	48.80	2.28	ppb
Bismuth	209-1				110		%
Bismuth	209-2				99		%
Boron	10-1	44.38	51.44	50.97	48.93	8.07	ppb
Boron	11-1	43.42	45.43	48.55	45.80	5.64	ppb
Cadmium	111-1	48.28	47.73	48.92	48.31	1.24	ppb
Cadmium	106-1	46.68	47.09	47.06	46.94	0.48	ppb
Cadmium	108-1	46.19	51.38	49.84	49.14	5.43	ppb
Calcium	43-1	7599.39	7681.33	7659.75	7646.82	0.56	ppb
Calcium	44-1	7680.43	7819.82	7783.37	7761.21	0.93	ppb
Chromium	52-2	49.40	51.33	51.98	50.90	2.63	ppb
Cobalt	59-2	52.45	53.35	53.63	53.14	1.16	ppb
Copper	63-2	101.91	104.09	105.73	103.91	1.85	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				109		%
Holmium	165-2				98		%
Indium	115-1				105		%
Indium	115-2				90		%
Iron	56-2	2541.45	2586.56	2615.58	2581.19	1.45	ppb
Iron	57-2	2486.20	2538.60	2580.99	2535.26	1.87	ppb
Krypton	83-1						cps
Lead	206-1	48.35	47.82	49.64	48.60	1.93	ppb
Lead	207-1	46.76	45.16	47.41	46.44	2.50	ppb
Lead	208-1	48.05	47.07	48.69	47.94	1.70	ppb
Lithium	6-1				98		%
Magnesium	24-2	5823.30	5920.93	6058.19	5934.14	1.99	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	844.90	862.98	869.22	859.03	1.47	ppb
Molybdenum	94-1	235.89	236.07	236.91	236.29	0.23	ppb
Molybdenum	95-1	230.77	231.20	236.58	232.85	1.39	ppb
Molybdenum	96-1	231.27	232.45	237.92	233.88	1.52	ppb
Molybdenum	97-1	230.61	230.93	234.43	231.99	0.91	ppb
Molybdenum	98-1	231.55	231.97	236.31	233.27	1.13	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	53.67	54.81	55.41	54.63	1.61	ppb
Phosphorus	31-2	0.00	29.93	30.62	20.19	86.62	ppb
Potassium	39-2	2453.47	2551.86	2567.13	2524.15	2.44	ppb
Rhodium	103-1				105		%
Rhodium	103-2				95		%
Scandium	45-1				99		%
Scandium	45-2				84		%
Selenium	77-2	10.20	47.04	25.80	27.68	66.81	ppb
Selenium	78-2	40.34	43.24	49.41	44.33	10.45	ppb
Selenium	82-1	48.96	48.10	50.73	49.26	2.72	ppb
Silicon	28-1	1050.16	1061.86	1050.15	1054.06	0.64	ppb
Silver	109-1	39.32	39.00	39.49	39.27	0.64	ppb
Silver	107-1	39.12	39.61	39.41	39.38	0.63	ppb
Sodium	23-2	5340.29	5423.18	5478.67	5414.05	1.29	ppb
Strontium	86-1	62.99	63.07	64.23	63.43	1.10	ppb
Strontium	88-1	64.61	65.19	65.82	65.21	0.93	ppb
Sulfur	34-1	-1391.31	-1332.12	-1603.71	-1442.38		ppb
Terbium	159-1				110		%
Terbium	159-2				99		%
Thallium	203-1	47.56	47.65	49.50	48.24	2.26	ppb
Thallium	205-1	48.88	48.16	50.04	49.02	1.93	ppb
Tin	118-1	45.79	45.71	46.63	46.05	1.11	ppb
Titanium	47-1	234.13	232.89	229.08	232.04	1.13	ppb
Uranium	238-1	48.06	47.01	48.38	47.82	1.50	ppb
Vanadium	51-2	49.16	48.60	50.20	49.32	1.65	ppb
Yttrium	89-1				104		%
Yttrium	89-2				88		%
Zinc	66-2	100.52	99.18	101.00	100.24	0.94	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.63	47.88	47.82	47.78	0.28	ppb
Zirconium	91-1	47.91	47.22	47.73	47.62	0.75	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	1002.12	878.28	836.75	905.72	9.50	ppb
Antimony	121-1	47.26	50.10	49.47	48.94	3.04	ppb
Arsenic	75-2	49.19	46.94	46.44	47.52	3.08	ppb
Barium	135-1	231.08	242.73	241.32	238.38	2.67	ppb
Barium	137-1	235.44	247.57	245.06	242.69	2.64	ppb
Beryllium	9-1	47.91	50.88	49.99	49.59	3.07	ppb
Bismuth	209-1				108		%
Bismuth	209-2				98		%
Boron	10-1	45.09	50.65	53.79	49.84	8.83	ppb
Boron	11-1	45.91	50.89	49.44	48.75	5.26	ppb
Cadmium	111-1	47.06	49.72	49.12	48.63	2.87	ppb
Cadmium	106-1	45.61	49.56	46.64	47.27	4.33	ppb
Cadmium	108-1	48.02	51.93	49.43	49.79	3.97	ppb
Calcium	43-1	7570.38	7892.27	7754.58	7739.08	2.09	ppb
Calcium	44-1	7763.82	7989.60	7823.39	7858.94	1.49	ppb
Chromium	52-2	50.43	51.40	50.71	50.85	0.98	ppb
Cobalt	59-2	54.60	53.69	53.01	53.77	1.49	ppb
Copper	63-2	105.87	103.12	102.23	103.74	1.83	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				96		%
Indium	115-1				102		%
Indium	115-2				89		%
Iron	56-2	2650.71	2591.98	2550.80	2597.83	1.93	ppb
Iron	57-2	2694.92	2558.55	2496.44	2583.31	3.93	ppb
Krypton	83-1						cps
Lead	206-1	47.51	50.58	49.65	49.24	3.20	ppb
Lead	207-1	45.68	48.17	47.75	47.20	2.83	ppb
Lead	208-1	47.16	49.87	49.19	48.74	2.89	ppb
Lithium	6-1				95		%
Magnesium	24-2	6008.03	5850.96	5779.80	5879.60	1.99	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	817.47	807.50	795.76	806.91	1.35	ppb
Molybdenum	94-1	235.40	247.76	247.37	243.51	2.89	ppb
Molybdenum	95-1	231.45	244.45	243.27	239.73	3.00	ppb
Molybdenum	96-1	233.87	245.04	245.18	241.36	2.69	ppb
Molybdenum	97-1	232.06	244.59	239.81	238.82	2.65	ppb
Molybdenum	98-1	232.84	243.91	242.83	239.86	2.54	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	55.47	54.71	54.35	54.84	1.04	ppb
Phosphorus	31-2	0.00	30.66	0.00	10.22	173.21	ppb
Potassium	39-2	2563.22	2561.43	2446.40	2523.69	2.65	ppb
Rhodium	103-1				102		%
Rhodium	103-2				94		%
Scandium	45-1				97		%
Scandium	45-2				82		%
Selenium	77-2	18.48	47.66	17.68	27.94	61.14	ppb
Selenium	78-2	52.41	46.24	45.66	48.10	7.78	ppb
Selenium	82-1	47.08	51.27	50.06	49.47	4.36	ppb
Silicon	28-1	1035.45	1086.08	1061.30	1060.95	2.39	ppb
Silver	109-1	38.18	40.48	39.65	39.44	2.95	ppb
Silver	107-1	38.09	40.68	40.48	39.75	3.62	ppb
Sodium	23-2	5606.73	5434.83	5360.19	5467.25	2.31	ppb
Strontium	86-1	63.75	65.85	66.11	65.24	1.99	ppb
Strontium	88-1	64.68	68.04	67.43	66.72	2.68	ppb
Sulfur	34-1	-1637.17	-1162.11	-1338.15	-1379.14		ppb
Terbium	159-1				107		%
Terbium	159-2				97		%
Thallium	203-1	47.13	49.79	49.31	48.74	2.91	ppb
Thallium	205-1	48.33	51.05	50.37	49.92	2.83	ppb
Tin	118-1	45.08	47.89	46.91	46.63	3.06	ppb
Titanium	47-1	226.51	237.28	232.52	232.10	2.33	ppb
Uranium	238-1	46.90	49.43	48.95	48.42	2.77	ppb
Vanadium	51-2	51.68	51.05	50.05	50.92	1.61	ppb
Yttrium	89-1				101		%
Yttrium	89-2				87		%
Zinc	66-2	100.51	98.24	102.50	100.42	2.12	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	47.50	49.90	49.76	49.05	2.74	ppb
Zirconium	91-1	47.55	49.43	50.05	49.01	2.66	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	858.67	894.01	905.08	885.92	2.74	ppb
Antimony	121-1	47.69	49.21	49.54	48.81	2.02	ppb
Arsenic	75-2	44.84	50.13	46.15	47.04	5.85	ppb
Barium	135-1	233.79	241.51	245.05	240.12	2.40	ppb
Barium	137-1	237.58	243.53	245.12	242.08	1.64	ppb
Beryllium	9-1	48.21	49.66	48.88	48.92	1.49	ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	49.05	49.38	51.94	50.12	3.15	ppb
Boron	11-1	46.70	49.55	47.74	48.00	3.00	ppb
Cadmium	111-1	47.84	49.75	49.80	49.13	2.28	ppb
Cadmium	106-1	45.33	50.92	50.83	49.03	6.52	ppb
Cadmium	108-1	48.02	48.78	50.37	49.06	2.45	ppb
Calcium	43-1	7617.13	7630.62	7919.55	7722.43	2.21	ppb
Calcium	44-1	7634.71	7891.19	7942.38	7822.76	2.11	ppb
Chromium	52-2	49.90	49.46	51.71	50.36	2.37	ppb
Cobalt	59-2	51.23	53.23	53.67	52.71	2.46	ppb
Copper	63-2	99.85	102.49	105.81	102.72	2.91	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				108		%
Holmium	165-2				99		%
Indium	115-1				104		%
Indium	115-2				91		%
Iron	56-2	2513.82	2552.02	2633.98	2566.60	2.39	ppb
Iron	57-2	2468.07	2556.95	2586.63	2537.22	2.43	ppb
Krypton	83-1						cps
Lead	206-1	47.88	49.35	49.31	48.85	1.72	ppb
Lead	207-1	45.43	47.39	47.36	46.73	2.41	ppb
Lead	208-1	47.30	49.03	48.92	48.42	2.00	ppb
Lithium	6-1				97		%
Magnesium	24-2	5684.52	5770.48	6017.31	5824.10	2.97	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	813.99	838.72	867.25	839.98	3.17	ppb
Molybdenum	94-1	235.34	244.77	248.03	242.71	2.72	ppb
Molybdenum	95-1	229.12	241.39	242.90	237.80	3.18	ppb
Molybdenum	96-1	233.73	243.42	244.66	240.60	2.49	ppb
Molybdenum	97-1	230.65	239.08	240.51	236.75	2.25	ppb
Molybdenum	98-1	230.96	241.47	242.17	238.20	2.64	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	52.27	53.67	54.57	53.50	2.17	ppb
Phosphorus	31-2	117.18	0.00	30.93	49.37	123.00	ppb
Potassium	39-2	2411.03	2423.14	2644.83	2493.00	5.28	ppb
Rhodium	103-1				103		%
Rhodium	103-2				97		%
Scandium	45-1				97		%
Scandium	45-2				84		%
Selenium	77-2	81.09	32.62	54.70	56.14	43.23	ppb
Selenium	78-2	43.10	41.07	49.61	44.59	10.01	ppb
Selenium	82-1	48.03	49.96	49.63	49.21	2.10	ppb
Silicon	28-1	1040.61	1067.22	1073.69	1060.51	1.65	ppb
Silver	109-1	39.36	40.16	40.40	39.97	1.35	ppb
Silver	107-1	39.02	40.39	40.68	40.03	2.21	ppb
Sodium	23-2	5212.49	5404.29	5540.92	5385.90	3.06	ppb
Strontium	86-1	63.05	64.86	65.11	64.34	1.75	ppb
Strontium	88-1	64.64	66.84	67.81	66.43	2.44	ppb
Sulfur	34-1	-1745.81	-1440.59	-1340.35	-1508.92		ppb
Terbium	159-1				108		%
Terbium	159-2				99		%
Thallium	203-1	47.19	49.30	48.59	48.36	2.23	ppb
Thallium	205-1	48.16	50.26	49.70	49.37	2.20	ppb
Tin	118-1	45.50	47.08	48.22	46.93	2.92	ppb
Titanium	47-1	227.26	236.76	236.25	233.42	2.29	ppb
Uranium	238-1	47.23	48.97	49.27	48.49	2.27	ppb
Vanadium	51-2	48.41	49.85	52.32	50.20	3.94	ppb
Yttrium	89-1				102		%
Yttrium	89-2				89		%
Zinc	66-2	96.78	95.84	101.69	98.10	3.21	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	48.08	49.72	50.07	49.29	2.16	ppb
Zirconium	91-1	47.89	49.68	50.11	49.22	2.39	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	15.21	-2.09	5.40	6.17	140.61	ppb
Antimony	121-1	0.04	0.04	0.02	0.03	34.44	ppb
Arsenic	75-2	2.53	2.51	2.25	2.43	6.30	ppb
Barium	135-1	2.16	2.46	2.17	2.26	7.61	ppb
Barium	137-1	2.30	2.46	2.29	2.35	3.99	ppb
Beryllium	9-1	0.01	-0.03	0.01	0.00		ppb
Bismuth	209-1				109		%
Bismuth	209-2				99		%
Boron	10-1	7.81	4.81	7.29	6.64	24.13	ppb
Boron	11-1	6.22	6.59	5.96	6.26	5.04	ppb
Cadmium	111-1	0.00	-0.14	0.03	-0.04		ppb
Cadmium	106-1	-0.15	-1.78	0.38	-0.52		ppb
Cadmium	108-1	-0.07	-0.04	-0.01	-0.04		ppb
Calcium	43-1	2422.16	2547.74	2406.34	2458.75	3.15	ppb
Calcium	44-1	2382.35	2586.99	2419.47	2462.94	4.43	ppb
Chromium	52-2	-0.08	0.08	0.10	0.03	308.74	ppb
Cobalt	59-2	0.13	0.17	0.18	0.16	15.99	ppb
Copper	63-2	0.28	0.24	0.23	0.25	9.77	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				108		%
Holmium	165-2				97		%
Indium	115-1				104		%
Indium	115-2				90		%
Iron	56-2	1073.16	1040.68	1034.47	1049.44	1.98	ppb
Iron	57-2	1069.61	1008.59	1013.67	1030.62	3.29	ppb
Krypton	83-1						cps
Lead	206-1	-0.03	-0.04	-0.04	-0.04		ppb
Lead	207-1	-0.05	-0.04	-0.05	-0.05		ppb
Lead	208-1	-0.04	-0.05	-0.04	-0.05		ppb
Lithium	6-1				97		%
Magnesium	24-2	942.09	928.36	901.69	924.05	2.22	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	160.94	157.52	158.03	158.83	1.16	ppb
Molybdenum	94-1	0.34	0.36	0.35	0.35	2.94	ppb
Molybdenum	95-1	0.12	0.17	0.13	0.14	19.17	ppb
Molybdenum	96-1	0.17	0.17	0.17	0.17	1.10	ppb
Molybdenum	97-1	0.19	0.19	0.14	0.18	17.04	ppb
Molybdenum	98-1	0.18	0.17	0.14	0.16	14.32	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	0.15	0.07	0.13	0.12	33.15	ppb
Phosphorus	31-2	0.00	89.53	0.00	29.84	173.21	ppb
Potassium	39-2	315.05	287.69	307.44	303.39	4.65	ppb
Rhodium	103-1				103		%
Rhodium	103-2				95		%
Scandium	45-1				97		%
Scandium	45-2				83		%
Selenium	77-2	3.30	2.92	-4.33	0.63	679.05	ppb
Selenium	78-2	-0.72	-0.72	0.50	-0.31		ppb
Selenium	82-1	0.27	-0.35	0.69	0.20	255.73	ppb
Silicon	28-1	667.53	720.19	666.80	684.84	4.47	ppb
Silver	109-1	0.03	0.03	0.03	0.03	12.20	ppb
Silver	107-1	0.02	0.03	0.01	0.02	46.46	ppb
Sodium	23-2	614.69	572.15	590.34	592.39	3.60	ppb
Strontium	86-1	13.08	13.92	13.06	13.35	3.66	ppb
Strontium	88-1	13.37	13.94	13.37	13.56	2.43	ppb
Sulfur	34-1	-1587.11	-462.15	-1436.00	-1161.75		ppb
Terbium	159-1				108		%
Terbium	159-2				98		%
Thallium	203-1	-0.03	-0.03	-0.04	-0.03		ppb
Thallium	205-1	-0.02	-0.03	-0.03	-0.03		ppb
Tin	118-1	-0.03	-0.01	-0.03	-0.03		ppb
Titanium	47-1	0.15	0.13	0.09	0.12	21.84	ppb
Uranium	238-1	-0.03	-0.03	-0.03	-0.03		ppb
Vanadium	51-2	0.06	0.05	0.03	0.05	27.18	ppb
Yttrium	89-1				102		%
Yttrium	89-2				88		%
Zinc	66-2	0.89	0.84	0.89	0.87	3.71	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.14	0.13	0.13	0.14	5.29	ppb
Zirconium	91-1	0.13	0.14	0.12	0.13	9.99	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	47914.48	50413.03	49103.47	49143.66	2.54	ppb
Antimony	121-1	481.30	482.26	483.65	482.40	0.24	ppb
Arsenic	75-2	486.05	487.12	465.90	479.69	2.49	ppb
Barium	135-1	2503.59	2497.46	2462.84	2487.96	0.88	ppb
Barium	137-1	2481.28	2471.95	2450.24	2467.82	0.65	ppb
Beryllium	9-1	503.85	504.81	504.33	504.33	0.10	ppb
Bismuth	209-1				102		%
Bismuth	209-2				96		%
Boron	10-1	487.98	498.41	510.92	499.11	2.30	ppb
Boron	11-1	479.20	492.39	501.72	491.10	2.30	ppb
Cadmium	111-1	472.81	468.98	471.87	471.22	0.42	ppb
Cadmium	106-1	466.08	468.05	463.61	465.91	0.48	ppb
Cadmium	108-1	482.03	472.95	471.52	475.50	1.20	ppb
Calcium	43-1	235080.71	232404.76	231513.09	232999.52	0.80	ppb
Calcium	44-1	233855.06	231985.76	231625.14	232488.65	0.51	ppb
Chromium	52-2	504.81	523.72	513.11	513.88	1.84	ppb
Cobalt	59-2	492.50	511.25	500.31	501.35	1.88	ppb
Copper	63-2	966.81	1000.27	976.82	981.30	1.75	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				107		%
Holmium	165-2				101		%
Indium	115-1				101		%
Indium	115-2				92		%
Iron	56-2	127281.34	132791.19	129511.36	129861.29	2.13	ppb
Iron	57-2	126145.40	130009.53	128027.76	128060.89	1.51	ppb
Krypton	83-1						cps
Lead	206-1	518.38	506.50	513.87	512.91	1.17	ppb
Lead	207-1	515.12	504.26	513.47	510.95	1.15	ppb
Lead	208-1	516.85	510.40	512.92	513.39	0.63	ppb
Lithium	6-1				95		%
Magnesium	24-2	244896.29	254351.85	249586.72	249611.62	1.89	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	968.14	1004.57	983.33	985.34	1.86	ppb
Molybdenum	94-1	2524.20	2523.12	2505.03	2517.45	0.43	ppb
Molybdenum	95-1	2519.10	2488.59	2499.45	2502.38	0.62	ppb
Molybdenum	96-1	2488.25	2501.29	2465.90	2485.15	0.72	ppb
Molybdenum	97-1	2517.07	2538.93	2518.34	2524.78	0.49	ppb
Molybdenum	98-1	2513.86	2509.35	2494.72	2505.98	0.40	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	500.49	514.64	501.23	505.46	1.58	ppb
Phosphorus	31-2	9474.24	9872.90	9671.53	9672.89	2.06	ppb
Potassium	39-2	120542.12	124662.88	122672.86	122625.96	1.68	ppb
Rhodium	103-1				98		%
Rhodium	103-2				93		%
Scandium	45-1				99		%
Scandium	45-2				90		%
Selenium	77-2	340.65	448.19	435.51	408.12	14.40	ppb
Selenium	78-2	488.26	507.73	479.97	491.99	2.90	ppb
Selenium	82-1	481.52	482.15	482.11	481.93	0.07	ppb
Silicon	28-1	530.95	527.38	522.71	527.01	0.78	ppb
Silver	109-1	483.19	481.31	478.97	481.16	0.44	ppb
Silver	107-1	476.44	478.28	477.74	477.49	0.20	ppb
Sodium	23-2	245113.62	254334.10	249514.50	249654.07	1.85	ppb
Strontium	86-1	489.72	490.99	492.88	491.20	0.32	ppb
Strontium	88-1	499.61	499.56	498.66	499.27	0.11	ppb
Sulfur	34-1	9288.85	8980.45	8944.64	9071.31	2.09	ppb
Terbium	159-1				108		%
Terbium	159-2				101		%
Thallium	203-1	512.48	506.86	508.06	509.13	0.58	ppb
Thallium	205-1	506.11	501.16	505.91	504.39	0.56	ppb
Tin	118-1	492.03	489.78	490.92	490.91	0.23	ppb
Titanium	47-1	2563.25	2484.84	2489.99	2512.70	1.75	ppb
Uranium	238-1	509.50	512.88	513.09	511.82	0.39	ppb
Vanadium	51-2	497.93	512.06	503.14	504.38	1.42	ppb
Yttrium	89-1				103		%
Yttrium	89-2				95		%
Zinc	66-2	948.17	979.74	962.68	963.53	1.64	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	499.78	502.81	501.10	501.23	0.30	ppb
Zirconium	91-1	495.77	493.59	492.50	493.95	0.34	ppb

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 19:07:58 DataFile Name : 082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Aluminium	27-2	-0.38	6.46	4.76	3.61	98.64	ppb
Antimony	121-1	1.24	1.04	0.95	1.08	13.74	ppb
Arsenic	75-2	0.04	0.01	0.06	0.04	69.63	ppb
Barium	135-1	0.00	0.03	-0.02	0.00	691.54	ppb
Barium	137-1	0.05	0.02	0.00	0.02	94.62	ppb
Beryllium	9-1	0.14	0.13	0.19	0.15	22.78	ppb
Bismuth	209-1				105		%
Bismuth	209-2				103		%
Boron	10-1	18.39	16.09	14.64	16.37	11.55	ppb
Boron	11-1	16.83	15.97	14.75	15.85	6.58	ppb
Cadmium	111-1	-0.12	-0.02	0.04	-0.03		ppb
Cadmium	106-1	-2.09	-0.46	0.13	-0.81		ppb
Cadmium	108-1	0.10	0.25	0.03	0.13	88.09	ppb
Calcium	43-1	13.65	5.38	3.80	7.61	69.49	ppb
Calcium	44-1	-2.37	-1.24	-1.51	-1.71		ppb
Chromium	52-2	-0.10	0.06	-0.01	-0.01		ppb
Cobalt	59-2	-0.05	-0.05	-0.03	-0.05		ppb
Copper	63-2	-0.01	0.00	0.07	0.02	243.43	ppb
Dysprosium	156-1						cps
Dysprosium	156-2						cps
Erbium	164-1						cps
Erbium	164-2						cps
Gadolinium	160-1						cps
Gadolinium	160-2						cps
Holmium	165-1				104		%
Holmium	165-2				103		%
Indium	115-1				103		%
Indium	115-2				97		%
Iron	56-2	4.42	3.45	2.72	3.53	24.18	ppb
Iron	57-2	3.76	2.72	1.18	2.55	50.89	ppb
Krypton	83-1						cps
Lead	206-1	-0.04	-0.02	-0.03	-0.03		ppb
Lead	207-1	-0.02	-0.02	-0.02	-0.02		ppb
Lead	208-1	-0.03	-0.02	-0.02	-0.02		ppb
Lithium	6-1				97		%
Magnesium	24-2	7.74	8.08	9.45	8.42	10.76	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:07:58	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Manganese	55-2	-0.16	-0.16	-0.08	-0.13		ppb
Molybdenum	94-1	1.18	1.12	0.92	1.07	12.46	ppb
Molybdenum	95-1	1.20	1.02	0.97	1.07	11.17	ppb
Molybdenum	96-1	1.12	1.07	0.99	1.06	6.10	ppb
Molybdenum	97-1	1.28	1.01	0.92	1.07	17.49	ppb
Molybdenum	98-1	1.27	1.04	0.98	1.10	14.07	ppb
Neodymium	150-1						cps
Neodymium	150-2						cps
Nickel	60-2	-0.04	-0.14	-0.12	-0.10		ppb
Phosphorus	31-2	27.66	0.00	27.67	18.44	86.60	ppb
Potassium	39-2	22.10	25.51	31.94	26.51	18.85	ppb
Rhodium	103-1				103		%
Rhodium	103-2				101		%
Scandium	45-1				99		%
Scandium	45-2				91		%
Selenium	77-2	-4.33	-4.33	-4.33	-4.33		ppb
Selenium	78-2	-0.72	2.68	-0.72	0.42	471.51	ppb
Selenium	82-1	-0.70	0.55	0.02	-0.04		ppb
Silicon	28-1	-9.16	-7.47	-6.23	-7.62		ppb
Silver	109-1	0.04	0.05	0.05	0.05	8.04	ppb
Silver	107-1	1.14	0.04	0.04	0.40	157.80	ppb
Sodium	23-2	35.88	43.09	41.86	40.28	9.57	ppb
Strontium	86-1	0.01	0.02	0.04	0.02	63.06	ppb
Strontium	88-1	0.02	0.01	0.02	0.02	19.19	ppb
Sulfur	34-1	-1183.03	-1061.55	-866.48	-1037.02		ppb
Terbium	159-1				106		%
Terbium	159-2				103		%
Thallium	203-1	0.06	0.06	0.03	0.05	32.14	ppb
Thallium	205-1	0.08	0.07	0.06	0.07	8.98	ppb
Tin	118-1	0.44	0.45	0.30	0.40	20.53	ppb
Titanium	47-1	0.07	0.13	0.15	0.12	35.59	ppb
Uranium	238-1	-0.01	-0.01	-0.01	-0.01		ppb
Vanadium	51-2	0.00	-0.03	-0.01	-0.01		ppb
Yttrium	89-1				102		%
Yttrium	89-2				96		%
Zinc	66-2	0.15	-0.05	0.02	0.04	247.14	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:07:58	DataFile Name :	082CCBE.d

Parameter	Mass	ConRep1	ConRep2	ConRep3	Avg. Conc.	ConcRSD	Units
Zirconium	90-1	0.23	0.24	0.23	0.23	2.19	ppb
Zirconium	91-1	0.26	0.29	0.21	0.25	15.40	ppb

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	25	8	11	114.58	cps
Antimony	121-1	175	267	267	236	22.41	cps
Arsenic	75-2	4	7	4	5	43.39	cps
Barium	135-1	125	117	58	100	36.32	cps
Barium	137-1	167	158	83	136	33.72	cps
Beryllium	9-1	133	106	183	141	28.00	cps
Bismuth	209-1	7037673	7099906	7162593	7100057	0.88	cps
Bismuth	209-2	1977691	1931969	1973152	1960938	1.28	cps
Boron	10-1	267	308	250	275	10.93	cps
Boron	11-1	1367	1142	925	1145	19.30	cps
Cadmium	111-1	1328	1510	1369	1402	6.82	cps
Cadmium	106-1	1875	2100	1917	1964	6.10	cps
Cadmium	108-1	8	8	8	8	0.00	cps
Calcium	43-1	475	425	633	511	21.28	cps
Calcium	44-1	18822	18738	18780	18780	0.22	cps
Chromium	52-2	487	497	490	491	1.04	cps
Cobalt	59-2	157	127	140	141	10.65	cps
Copper	63-2	470	380	403	418	11.18	cps
Dysprosium	156-1	17	42	33	31	41.66	cps
Dysprosium	156-2	0	3	7	3	100.05	cps
Erbium	164-1	17	33	50	33	50.00	cps
Erbium	164-2	13	0	3	6	124.93	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	0	13	3	6	124.93	cps
Holmium	165-1	11067731	11153436	11260629	11160599	0.87	cps
Holmium	165-2	2405436	2372949	2380549	2386311	0.71	cps
Indium	115-1	9015430	9113891	9070941	9066754	0.54	cps
Indium	115-2	353634	353082	353265	353327	0.08	cps
Iron	56-2	1461	1683	1656	1600	7.57	cps
Iron	57-2	56	44	78	59	28.64	cps
Krypton	83-1	327	290	343	320	8.53	cps
Lead	206-1	533	661	567	587	11.29	cps
Lead	207-1	578	561	583	574	2.01	cps
Lead	208-1	2456	2606	2534	2532	2.96	cps
Lithium	6-1	2388894	2372369	2448312	2403191	1.66	cps
Magnesium	24-2	175	183	142	167	13.23	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	80	90	87	86	5.95	cps
Molybdenum	94-1	317	300	442	353	21.95	cps
Molybdenum	95-1	300	233	308	281	14.65	cps
Molybdenum	96-1	367	408	467	414	12.14	cps
Molybdenum	97-1	158	183	150	164	10.58	cps
Molybdenum	98-1	333	333	392	353	9.55	cps
Neodymium	150-1	0	20	20	13	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	103	97	123	108	12.88	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1800	1809	1475	1695	11.22	cps
Rhodium	103-1	8574517	8577918	8562057	8571497	0.10	cps
Rhodium	103-2	2373197	2304488	2317424	2331703	1.57	cps
Scandium	45-1	5705093	5714163	5736612	5718623	0.28	cps
Scandium	45-2	40679	39863	39730	40091	1.28	cps
Selenium	77-2	7	0	0	2	173.21	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	4	-10	-47	-18	-151.03	cps
Silicon	28-1	282000	280321	277509	279944	0.81	cps
Silver	109-1	33	50	75	53	39.74	cps
Silver	107-1	133	33	125	97	57.08	cps
Sodium	23-2	3159	3584	3417	3387	6.32	cps
Strontium	86-1	517	492	558	522	6.45	cps
Strontium	88-1	283	208	200	231	19.91	cps
Sulfur	34-1	397162	401334	395932	398143	0.71	cps
Terbium	159-1	11389779	11443931	11526760	11453490	0.60	cps
Terbium	159-2	2281128	2230341	2240841	2250770	1.19	cps
Thallium	203-1	417	400	525	447	15.18	cps
Thallium	205-1	917	1008	942	956	4.96	cps
Tin	118-1	1400	1458	1508	1456	3.73	cps
Titanium	47-1	208	133	133	158	27.35	cps
Uranium	238-1	650	725	658	678	6.07	cps
Vanadium	51-2	17	23	27	22	22.91	cps
Yttrium	89-1	9531542	9594519	9546734	9557598	0.34	cps
Yttrium	89-2	266495	263334	267836	265888	0.87	cps
Zinc	66-2	50	57	73	60	20.04	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S0	Instrumnet Name :	P8
Client Sample ID :	S0	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:01:29	DataFile Name :	003CALB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	883	808	992	895	10.30	cps
Zirconium	91-1	175	167	200	181	9.61	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	83	117	117	106	18.23	cps
Antimony	121-1	14567	14692	15493	14917	3.37	cps
Arsenic	75-2	94	91	80	88	8.74	cps
Barium	135-1	15935	16753	16027	16238	2.76	cps
Barium	137-1	28841	28006	27747	28198	2.03	cps
Beryllium	9-1	1578	1500	1645	1574	4.59	cps
Bismuth	209-1	6849702	7056849	7105723	7004092	1.94	cps
Bismuth	209-2	1983798	1915415	1865596	1921603	3.09	cps
Boron	10-1	3817	3492	4126	3812	8.31	cps
Boron	11-1	18004	17144	17795	17648	2.54	cps
Cadmium	111-1	3151	3000	2940	3030	3.59	cps
Cadmium	106-1	2167	2192	2100	2153	2.20	cps
Cadmium	108-1	113	121	121	118	4.08	cps
Calcium	43-1	9987	9470	9971	9809	3.00	cps
Calcium	44-1	170221	170044	170051	170106	0.06	cps
Chromium	52-2	2047	2190	1987	2075	5.04	cps
Cobalt	59-2	1710	1653	1783	1716	3.80	cps
Copper	63-2	3234	3264	3150	3216	1.83	cps
Dysprosium	156-1	42	33	58	44	28.65	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	67	67	69	6.93	cps
Erbium	164-2	3	17	3	8	99.04	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	10593678	11211064	11235623	11013455	3.30	cps
Holmium	165-2	2409551	2360127	2321755	2363811	1.86	cps
Indium	115-1	8710082	9048670	9094628	8951127	2.35	cps
Indium	115-2	357507	350925	343980	350804	1.93	cps
Iron	56-2	26464	26236	27066	26589	1.61	cps
Iron	57-2	606	756	728	696	11.46	cps
Krypton	83-1	343	267	337	316	13.46	cps
Lead	206-1	5479	5429	5279	5396	1.93	cps
Lead	207-1	5212	5162	5034	5136	1.79	cps
Lead	208-1	22392	22709	22547	22549	0.70	cps
Lithium	6-1	2304905	2373945	2420150	2366333	2.45	cps
Magnesium	24-2	13390	13399	14166	13652	3.26	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	300	233	233	256	15.06	cps
Molybdenum	94-1	14408	13582	14150	14047	3.01	cps
Molybdenum	95-1	17070	16511	16411	16664	2.13	cps
Molybdenum	96-1	18455	18664	19047	18722	1.61	cps
Molybdenum	97-1	10471	10613	10555	10546	0.68	cps
Molybdenum	98-1	26961	27112	25708	26594	2.90	cps
Neodymium	150-1	7	13	20	13	49.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	663	673	587	641	7.40	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	7786	8378	8094	8086	3.66	cps
Rhodium	103-1	8291554	8651517	8714097	8552389	2.67	cps
Rhodium	103-2	2328604	2325276	2265608	2306496	1.54	cps
Scandium	45-1	5589569	5687522	5773845	5683645	1.62	cps
Scandium	45-2	39826	39633	38687	39382	1.55	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	19	11	11	14	31.50	cps
Selenium	82-1	560	584	492	545	8.79	cps
Silicon	28-1	348374	344726	342662	345254	0.84	cps
Silver	109-1	8145	8144	7536	7942	4.43	cps
Silver	107-1	8753	8628	8728	8703	0.76	cps
Sodium	23-2	34059	34568	34284	34304	0.74	cps
Strontium	86-1	2609	2800	2725	2712	3.56	cps
Strontium	88-1	18221	18663	19431	18772	3.26	cps
Sulfur	34-1	400277	399169	400929	400125	0.22	cps
Terbium	159-1	11010114	11504157	11438461	11317577	2.37	cps
Terbium	159-2	2302570	2233432	2202518	2246173	2.28	cps
Thallium	203-1	6544	6819	6552	6638	2.36	cps
Thallium	205-1	15785	15510	15702	15666	0.90	cps
Tin	118-1	27680	27872	27755	27769	0.35	cps
Titanium	47-1	4701	5001	4784	4829	3.21	cps
Uranium	238-1	19349	18798	19257	19135	1.54	cps
Vanadium	51-2	2557	2434	2654	2548	4.33	cps
Yttrium	89-1	9287832	9538228	9699815	9508625	2.18	cps
Yttrium	89-2	270734	262329	258385	263816	2.39	cps
Zinc	66-2	287	360	373	340	13.73	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S2	Instrumnet Name :	P8
Client Sample ID :	S2	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:08:55	DataFile Name :	005CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12723	11797	12448	12323	3.86	cps
Zirconium	91-1	2667	2517	2517	2567	3.37	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:12:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4901	4926	5418	5082	5.74	cps
Antimony	121-1	375238	376239	380140	377206	0.69	cps
Arsenic	75-2	3871	3882	3771	3841	1.59	cps
Barium	135-1	398770	400855	402560	400729	0.47	cps
Barium	137-1	691838	693006	698393	694412	0.50	cps
Beryllium	9-1	67904	67994	67888	67929	0.08	cps
Bismuth	209-1	7153868	7202395	7135963	7164075	0.48	cps
Bismuth	209-2	1970321	1978636	1941483	1963480	0.99	cps
Boron	10-1	7119	7852	8269	7747	7.52	cps
Boron	11-1	34334	35319	36806	35486	3.51	cps
Cadmium	111-1	84720	84885	85029	84878	0.18	cps
Cadmium	106-1	10822	10855	10596	10758	1.31	cps
Cadmium	108-1	5968	6322	6272	6188	3.10	cps
Calcium	43-1	94450	95205	97186	95614	1.48	cps
Calcium	44-1	1603902	1573882	1586169	1587984	0.95	cps
Chromium	52-2	37273	36458	37069	36933	1.15	cps
Cobalt	59-2	80535	80162	79820	80172	0.45	cps
Copper	63-2	139586	139539	139269	139465	0.12	cps
Dysprosium	156-1	8	42	8	19	99.00	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	33	83	42	53	50.76	cps
Erbium	164-2	17	10	10	12	31.50	cps
Gadolinium	160-1	92	150	75	106	37.31	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	11301103	11309435	11336232	11315590	0.16	cps
Holmium	165-2	2387532	2410157	2387409	2395033	0.55	cps
Indium	115-1	9147047	9254146	9105408	9168867	0.84	cps
Indium	115-2	358445	357454	354413	356771	0.59	cps
Iron	56-2	1207230	1206813	1217391	1210478	0.49	cps
Iron	57-2	30562	30378	30517	30486	0.31	cps
Krypton	83-1	297	277	337	303	10.07	cps
Lead	206-1	243264	240678	242868	242270	0.57	cps
Lead	207-1	218529	218957	220579	219355	0.49	cps
Lead	208-1	992729	989873	994050	992218	0.22	cps
Lithium	6-1	2396779	2429251	2434788	2420273	0.85	cps
Magnesium	24-2	136813	138704	135634	137051	1.13	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:12:37	DataFile Name :	006CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	18966	19654	19714	19445	2.14	cps
Molybdenum	94-1	673986	669974	675294	673085	0.41	cps
Molybdenum	95-1	825769	824772	822379	824306	0.21	cps
Molybdenum	96-1	913810	913709	922048	916522	0.52	cps
Molybdenum	97-1	512331	511781	520882	514998	0.99	cps
Molybdenum	98-1	1318316	1311325	1319339	1316327	0.33	cps
Neodymium	150-1	13	20	13	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	23233	23977	24088	23766	1.96	cps
Phosphorus	31-2	433	367	308	369	16.93	cps
Potassium	39-2	34176	34811	33475	34154	1.96	cps
Rhodium	103-1	8715254	8772841	8705267	8731121	0.42	cps
Rhodium	103-2	2351194	2319080	2351258	2340511	0.79	cps
Scandium	45-1	5768233	5864403	5803532	5812056	0.84	cps
Scandium	45-2	40432	40432	39385	40083	1.51	cps
Selenium	77-2	23	13	27	21	32.88	cps
Selenium	78-2	61	81	89	77	18.64	cps
Selenium	82-1	5449	5331	5092	5290	3.44	cps
Silicon	28-1	486464	485055	485275	485598	0.16	cps
Silver	109-1	398617	396134	396515	397089	0.34	cps
Silver	107-1	421815	418243	422755	420937	0.57	cps
Sodium	23-2	313375	317580	313388	314781	0.77	cps
Strontium	86-1	105396	106027	105523	105649	0.32	cps
Strontium	88-1	917690	912042	913524	914419	0.32	cps
Sulfur	34-1	427195	430224	426256	427892	0.48	cps
Terbium	159-1	11646198	11759883	11643260	11683114	0.57	cps
Terbium	159-2	2271811	2287105	2275026	2277981	0.35	cps
Thallium	203-1	300952	298463	303042	300819	0.76	cps
Thallium	205-1	718326	717846	726064	720745	0.64	cps
Tin	118-1	269216	267441	268246	268301	0.33	cps
Titanium	47-1	236252	235838	233923	235338	0.53	cps
Uranium	238-1	945441	937211	945921	942858	0.52	cps
Vanadium	51-2	26225	26575	26946	26582	1.36	cps
Yttrium	89-1	9676612	9821057	9748187	9748618	0.74	cps
Yttrium	89-2	270486	267446	264364	267432	1.14	cps
Zinc	66-2	11685	11388	11665	11579	1.43	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S3	Instrumnet Name :	P8
Client Sample ID :	S3	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:12:37	DataFile Name :	006CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	564129	569416	556439	563328	1.16	cps
Zirconium	91-1	123658	123432	125634	124241	0.98	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	12731	12956	12798	12829	0.90	cps
Antimony	121-1	943373	954972	961847	953397	0.98	cps
Arsenic	75-2	9500	9689	9689	9626	1.13	cps
Barium	135-1	1002477	1001767	990283	998176	0.69	cps
Barium	137-1	1767873	1754526	1735695	1752698	0.92	cps
Beryllium	9-1	167652	166355	167091	167033	0.39	cps
Bismuth	209-1	7208372	7147057	7119012	7158147	0.64	cps
Bismuth	209-2	1960893	1948171	1954627	1954564	0.33	cps
Boron	10-1	17670	18179	18538	18129	2.41	cps
Boron	11-1	83543	83955	85789	84429	1.42	cps
Cadmium	111-1	209647	207566	210225	209146	0.67	cps
Cadmium	106-1	23814	23672	24039	23841	0.78	cps
Cadmium	108-1	14466	15392	15159	15006	3.21	cps
Calcium	43-1	233129	237403	233544	234692	1.00	cps
Calcium	44-1	3881738	3864698	3837964	3861467	0.57	cps
Chromium	52-2	90165	88601	90601	89789	1.17	cps
Cobalt	59-2	197085	197468	196167	196907	0.34	cps
Copper	63-2	342461	341454	341174	341696	0.20	cps
Dysprosium	156-1	50	42	33	42	20.00	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	25	25	25	0.00	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	92	75	50	72	29.04	cps
Gadolinium	160-2	10	3	13	9	57.30	cps
Holmium	165-1	11318825	11546301	11314664	11393263	1.16	cps
Holmium	165-2	2404815	2390731	2403782	2399776	0.33	cps
Indium	115-1	9134915	9130041	9085428	9116795	0.30	cps
Indium	115-2	355160	354714	354504	354793	0.09	cps
Iron	56-2	2973256	2992632	2986519	2984136	0.33	cps
Iron	57-2	73867	76454	74694	75005	1.76	cps
Krypton	83-1	333	300	323	319	5.36	cps
Lead	206-1	612756	605389	605515	607886	0.69	cps
Lead	207-1	551692	545549	557975	551739	1.13	cps
Lead	208-1	2496404	2474796	2492652	2487951	0.46	cps
Lithium	6-1	2422182	2396366	2397932	2405493	0.60	cps
Magnesium	24-2	336576	335754	337450	336594	0.25	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	47511	48297	47504	47770	0.95	cps
Molybdenum	94-1	1700068	1691669	1679015	1690250	0.63	cps
Molybdenum	95-1	2089673	2066939	2077288	2077967	0.55	cps
Molybdenum	96-1	2285787	2279410	2309099	2291432	0.68	cps
Molybdenum	97-1	1283149	1288404	1282251	1284601	0.26	cps
Molybdenum	98-1	3284984	3292974	3295223	3291060	0.16	cps
Neodymium	150-1	13	47	60	40	60.10	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	58512	58298	58295	58368	0.21	cps
Phosphorus	31-2	842	867	817	842	2.97	cps
Potassium	39-2	80379	80781	82584	81248	1.45	cps
Rhodium	103-1	8523689	8696362	8672198	8630750	1.08	cps
Rhodium	103-2	2301858	2298735	2324335	2308309	0.61	cps
Scandium	45-1	5746003	5780106	5783129	5769746	0.36	cps
Scandium	45-2	39663	39185	38927	39258	0.95	cps
Selenium	77-2	87	53	53	64	29.87	cps
Selenium	78-2	226	243	228	232	3.94	cps
Selenium	82-1	13236	13073	12881	13063	1.36	cps
Silicon	28-1	787621	783677	790396	787231	0.43	cps
Silver	109-1	995674	985046	990622	990448	0.54	cps
Silver	107-1	1035557	1045232	1038083	1039624	0.48	cps
Sodium	23-2	771287	763891	770857	768678	0.54	cps
Strontium	86-1	265925	268523	262453	265634	1.15	cps
Strontium	88-1	2303151	2315730	2300800	2306560	0.35	cps
Sulfur	34-1	461122	461940	456459	459840	0.64	cps
Terbium	159-1	11597585	11714174	11778932	11696897	0.79	cps
Terbium	159-2	2296928	2301092	2289832	2295951	0.25	cps
Thallium	203-1	757594	752498	757974	756022	0.40	cps
Thallium	205-1	1820721	1821325	1826753	1822933	0.18	cps
Tin	118-1	668563	666301	663818	666227	0.36	cps
Titanium	47-1	585168	582236	581817	583074	0.31	cps
Uranium	238-1	2443908	2427833	2406296	2426012	0.78	cps
Vanadium	51-2	65800	64662	65107	65190	0.88	cps
Yttrium	89-1	9660795	9688937	9702022	9683918	0.22	cps
Yttrium	89-2	266598	266857	264616	266024	0.46	cps
Zinc	66-2	27972	28232	28289	28164	0.60	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S4	Instrumnet Name :	P8
Client Sample ID :	S4	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:16:18	DataFile Name :	007CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1410426	1443614	1415428	1423156	1.26	cps
Zirconium	91-1	312246	310952	312144	311781	0.23	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:19:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25273	25849	25549	25557	1.13	cps
Antimony	121-1	1911793	1902061	1908256	1907370	0.26	cps
Arsenic	75-2	18833	18444	18407	18561	1.27	cps
Barium	135-1	2037231	2025491	2017517	2026746	0.49	cps
Barium	137-1	3467494	3496357	3494583	3486145	0.46	cps
Beryllium	9-1	330929	330248	325217	328798	0.95	cps
Bismuth	209-1	7241343	6906234	7456495	7201357	3.85	cps
Bismuth	209-2	1953661	1942066	1950291	1948672	0.31	cps
Boron	10-1	35562	36940	36681	36394	2.01	cps
Boron	11-1	164347	169103	169684	167711	1.75	cps
Cadmium	111-1	414473	416834	415323	415543	0.29	cps
Cadmium	106-1	44976	46757	46121	45951	1.96	cps
Cadmium	108-1	30326	30272	30351	30316	0.13	cps
Calcium	43-1	464216	464808	464926	464650	0.08	cps
Calcium	44-1	7577682	7582191	7517104	7558992	0.48	cps
Chromium	52-2	176834	173179	174269	174761	1.07	cps
Cobalt	59-2	387539	383925	387387	386284	0.53	cps
Copper	63-2	671448	664951	666583	667661	0.51	cps
Dysprosium	156-1	50	33	58	47	26.97	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	50	25	33	43.30	cps
Erbium	164-2	17	3	10	10	66.70	cps
Gadolinium	160-1	58	67	100	75	29.40	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	11428565	10958208	11759765	11382180	3.54	cps
Holmium	165-2	2402736	2417395	2402442	2407525	0.36	cps
Indium	115-1	9156065	8671298	9353059	9060141	3.87	cps
Indium	115-2	347080	344653	346706	346146	0.38	cps
Iron	56-2	5837523	5772034	5842339	5817299	0.68	cps
Iron	57-2	148926	148178	146332	147812	0.90	cps
Krypton	83-1	357	347	307	337	7.86	cps
Lead	206-1	1223181	1229047	1221925	1224718	0.31	cps
Lead	207-1	1106715	1112157	1112235	1110369	0.29	cps
Lead	208-1	5030210	5083362	5032732	5048768	0.59	cps
Lithium	6-1	2386374	2263076	2426100	2358516	3.60	cps
Magnesium	24-2	664145	655018	649269	656144	1.14	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:19:54	DataFile Name :	008CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	95151	92953	94208	94104	1.17	cps
Molybdenum	94-1	3395699	3397268	3355177	3382715	0.71	cps
Molybdenum	95-1	4124934	4096464	4096833	4106077	0.40	cps
Molybdenum	96-1	4554260	4560727	4508704	4541230	0.62	cps
Molybdenum	97-1	2598579	2586491	2604804	2596624	0.36	cps
Molybdenum	98-1	6578731	6480194	6444006	6500977	1.07	cps
Neodymium	150-1	120	153	100	124	21.65	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	115494	112828	113881	114068	1.18	cps
Phosphorus	31-2	1642	1508	1408	1520	7.71	cps
Potassium	39-2	158692	155593	154952	156412	1.28	cps
Rhodium	103-1	8625671	8153331	8728746	8502582	3.61	cps
Rhodium	103-2	2260374	2274029	2273965	2269456	0.35	cps
Scandium	45-1	5749224	5552625	5838717	5713522	2.56	cps
Scandium	45-2	39455	38917	39532	39302	0.85	cps
Selenium	77-2	143	113	107	121	16.13	cps
Selenium	78-2	406	411	415	411	1.13	cps
Selenium	82-1	26093	25654	26194	25981	1.10	cps
Silicon	28-1	1162736	1172764	1162593	1166031	0.50	cps
Silver	109-1	1993492	1995973	1984256	1991240	0.31	cps
Silver	107-1	2103586	2092101	2059342	2085010	1.10	cps
Sodium	23-2	1548163	1529411	1545572	1541049	0.66	cps
Strontium	86-1	529086	528116	526565	527922	0.24	cps
Strontium	88-1	4585227	4579836	4524781	4563281	0.73	cps
Sulfur	34-1	523855	522679	520764	522433	0.30	cps
Terbium	159-1	11762687	11135731	12064232	11654217	4.06	cps
Terbium	159-2	2273610	2298975	2293918	2288834	0.59	cps
Thallium	203-1	1517205	1521555	1512990	1517250	0.28	cps
Thallium	205-1	3604987	3631254	3600897	3612379	0.46	cps
Tin	118-1	1335289	1341477	1346654	1341140	0.42	cps
Titanium	47-1	1151568	1169740	1152936	1158081	0.87	cps
Uranium	238-1	4881337	4872477	4868386	4874067	0.14	cps
Vanadium	51-2	128742	128247	125873	127620	1.20	cps
Yttrium	89-1	9771148	9171134	9803176	9581819	3.72	cps
Yttrium	89-2	262137	261802	261953	261964	0.06	cps
Zinc	66-2	54905	54989	55283	55059	0.36	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S5	Instrumnet Name :	P8
Client Sample ID :	S5	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:19:54	DataFile Name :	008CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2879580	2858717	2827428	2855241	0.92	cps
Zirconium	91-1	623816	630761	618869	624482	0.96	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	48877	46962	49788	48542	2.97	cps
Antimony	121-1	3806217	3767974	3755173	3776455	0.70	cps
Arsenic	75-2	36227	35447	36374	36016	1.38	cps
Barium	135-1	4016781	3998898	3935398	3983692	1.07	cps
Barium	137-1	6860016	6860672	6802248	6840978	0.49	cps
Beryllium	9-1	634845	627561	622495	628300	0.99	cps
Bismuth	209-1	7304615	7312679	7252748	7290014	0.45	cps
Bismuth	209-2	1849351	1828178	1829228	1835586	0.65	cps
Boron	10-1	73296	71688	70900	71961	1.70	cps
Boron	11-1	321417	325952	329088	325486	1.18	cps
Cadmium	111-1	822449	811830	812968	815749	0.71	cps
Cadmium	106-1	90067	87349	90587	89334	1.95	cps
Cadmium	108-1	58610	58807	57522	58313	1.19	cps
Calcium	43-1	914265	908421	907941	910209	0.39	cps
Calcium	44-1	14867145	14868836	14869928	14868636	0.01	cps
Chromium	52-2	334590	335429	339141	336387	0.72	cps
Cobalt	59-2	735719	737655	738206	737193	0.18	cps
Copper	63-2	1276258	1277264	1293438	1282320	0.75	cps
Dysprosium	156-1	100	100	58	86	27.93	cps
Dysprosium	156-2	3	10	3	6	69.34	cps
Erbium	164-1	17	67	50	44	57.28	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	83	67	92	81	15.80	cps
Gadolinium	160-2	10	17	20	16	32.73	cps
Holmium	165-1	11616133	11480259	11476289	11524227	0.69	cps
Holmium	165-2	2325167	2317930	2275711	2306270	1.16	cps
Indium	115-1	9122422	9091173	9135293	9116296	0.25	cps
Indium	115-2	326346	324749	325356	325484	0.25	cps
Iron	56-2	11114988	11184117	11256993	11185366	0.63	cps
Iron	57-2	283678	280564	286545	283595	1.05	cps
Krypton	83-1	363	283	343	330	12.62	cps
Lead	206-1	2511007	2482918	2449003	2480976	1.25	cps
Lead	207-1	2267596	2287360	2262750	2272569	0.57	cps
Lead	208-1	10118392	10111622	10021210	10083741	0.54	cps
Lithium	6-1	2348817	2328813	2337226	2338286	0.43	cps
Magnesium	24-2	1285328	1270874	1278767	1278323	0.57	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	179114	177916	180891	179307	0.83	cps
Molybdenum	94-1	6543598	6507882	6542186	6531222	0.31	cps
Molybdenum	95-1	8083505	8072607	8015191	8057101	0.46	cps
Molybdenum	96-1	9035630	8895329	8921495	8950818	0.83	cps
Molybdenum	97-1	5088164	5081789	5088738	5086230	0.08	cps
Molybdenum	98-1	13035385	12871508	12857374	12921423	0.77	cps
Neodymium	150-1	147	193	207	182	17.29	cps
Neodymium	150-2	3	0	0	1	173.21	cps
Nickel	60-2	216794	216373	219887	217685	0.88	cps
Phosphorus	31-2	3217	2800	3117	3045	7.15	cps
Potassium	39-2	294826	297789	301574	298063	1.13	cps
Rhodium	103-1	8624492	8417346	8529486	8523775	1.22	cps
Rhodium	103-2	2171341	2134732	2106801	2137625	1.51	cps
Scandium	45-1	5715736	5714896	5715866	5715499	0.01	cps
Scandium	45-2	36922	36474	36137	36511	1.08	cps
Selenium	77-2	240	297	273	270	10.55	cps
Selenium	78-2	874	894	826	865	4.07	cps
Selenium	82-1	50819	50903	50703	50808	0.20	cps
Silicon	28-1	1975616	1961936	1925185	1954246	1.33	cps
Silver	109-1	3869583	3880642	3872468	3874231	0.15	cps
Silver	107-1	4114695	4068290	4036165	4073050	0.97	cps
Sodium	23-2	2902725	2892210	2935665	2910200	0.78	cps
Strontium	86-1	1041071	1046941	1030102	1039371	0.82	cps
Strontium	88-1	8896022	8836136	8842673	8858277	0.37	cps
Sulfur	34-1	651051	643872	633583	642835	1.37	cps
Terbium	159-1	11978369	11769312	12062903	11936861	1.27	cps
Terbium	159-2	2214941	2186117	2170908	2190656	1.02	cps
Thallium	203-1	3081713	3083355	3033110	3066059	0.93	cps
Thallium	205-1	7186754	7194077	7086101	7155644	0.84	cps
Tin	118-1	2678148	2667705	2637578	2661144	0.79	cps
Titanium	47-1	2332741	2302653	2285676	2307023	1.03	cps
Uranium	238-1	9755238	9600833	9658540	9671537	0.81	cps
Vanadium	51-2	244862	245485	248625	246324	0.82	cps
Yttrium	89-1	9747964	9629941	9645312	9674406	0.66	cps
Yttrium	89-2	246767	247522	245758	246682	0.36	cps
Zinc	66-2	105453	104829	106854	105712	0.98	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S6	Instrumnet Name :	P8
Client Sample ID :	S6	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:23:24	DataFile Name :	009CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5619482	5534589	5549737	5567936	0.81	cps
Zirconium	91-1	1238364	1225835	1229196	1231132	0.53	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:26:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	95152	92693	95152	94332	1.50	cps
Antimony	121-1	7306200	7323441	7347900	7325847	0.29	cps
Arsenic	75-2	69840	69719	71439	70333	1.36	cps
Barium	135-1	7644941	7659315	7690795	7665017	0.31	cps
Barium	137-1	13088544	13299656	13224554	13204251	0.81	cps
Beryllium	9-1	1208588	1186775	1194862	1196741	0.92	cps
Bismuth	209-1	6991359	6999674	6929555	6973529	0.55	cps
Bismuth	209-2	1784420	1812869	1839929	1812406	1.53	cps
Boron	10-1	133138	136687	139245	136356	2.25	cps
Boron	11-1	615954	633109	646683	631915	2.44	cps
Cadmium	111-1	1562402	1559121	1569384	1563636	0.34	cps
Cadmium	106-1	168999	166105	169968	168357	1.19	cps
Cadmium	108-1	113127	113216	113565	113303	0.20	cps
Calcium	43-1	1775768	1775962	1792170	1781300	0.53	cps
Calcium	44-1	28607548	28766042	28723535	28699042	0.29	cps
Chromium	52-2	652823	652810	660054	655229	0.64	cps
Cobalt	59-2	1422181	1426101	1439716	1429333	0.64	cps
Copper	63-2	2452062	2477742	2509791	2479865	1.17	cps
Dysprosium	156-1	175	100	150	142	26.95	cps
Dysprosium	156-2	3	7	0	3	100.05	cps
Erbium	164-1	25	50	17	31	56.77	cps
Erbium	164-2	0	7	17	8	107.84	cps
Gadolinium	160-1	108	75	117	100	22.05	cps
Gadolinium	160-2	7	20	10	12	56.76	cps
Holmium	165-1	11226290	11362287	11246947	11278508	0.65	cps
Holmium	165-2	2305589	2257702	2358915	2307402	2.19	cps
Indium	115-1	8664196	8652220	8647310	8654575	0.10	cps
Indium	115-2	316866	315584	327715	320055	2.08	cps
Iron	56-2	21745527	21808523	21806574	21786875	0.16	cps
Iron	57-2	546865	549681	551615	549387	0.43	cps
Krypton	83-1	377	303	363	348	11.23	cps
Lead	206-1	4738340	4734282	4772708	4748444	0.44	cps
Lead	207-1	4367126	4358665	4306478	4344090	0.76	cps
Lead	208-1	19307363	19311584	19217295	19278747	0.28	cps
Lithium	6-1	2216103	2231972	2222714	2223597	0.36	cps
Magnesium	24-2	2473129	2490563	2482943	2482212	0.35	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : S7 Instrumnet Name : P8
 Client Sample ID : S7 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:26:50 DataFile Name : 010CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	349470	349874	352147	350497	0.41	cps
Molybdenum	94-1	12623827	12658240	12675876	12652648	0.21	cps
Molybdenum	95-1	15489858	15562674	15658222	15570251	0.54	cps
Molybdenum	96-1	17232090	17364607	17348930	17315209	0.42	cps
Molybdenum	97-1	9793042	9766041	9904278	9821120	0.75	cps
Molybdenum	98-1	24903978	25008488	25133075	25015180	0.46	cps
Neodymium	150-1	267	193	273	244	18.16	cps
Neodymium	150-2	3	3	3	3	0.00	cps
Nickel	60-2	417601	416136	421034	418257	0.60	cps
Phosphorus	31-2	5601	6285	6135	6007	5.98	cps
Potassium	39-2	574466	577900	588914	580427	1.30	cps
Rhodium	103-1	8023392	8029361	8022578	8025110	0.05	cps
Rhodium	103-2	2127587	2079236	2164590	2123804	2.02	cps
Scandium	45-1	5431826	5456127	5406799	5431584	0.45	cps
Scandium	45-2	36461	35458	37483	36467	2.78	cps
Selenium	77-2	467	447	477	463	3.30	cps
Selenium	78-2	1572	1500	1580	1551	2.84	cps
Selenium	82-1	96999	97738	97690	97476	0.42	cps
Silicon	28-1	3340380	3395588	3391712	3375893	0.91	cps
Silver	109-1	7383584	7367961	7376669	7376071	0.11	cps
Silver	107-1	7680773	7722802	7722559	7708711	0.31	cps
Sodium	23-2	5615118	5631961	5709867	5652315	0.89	cps
Strontium	86-1	2027095	2028181	2004791	2020022	0.65	cps
Strontium	88-1	17011208	17167611	17280330	17153050	0.79	cps
Sulfur	34-1	892087	897329	890856	893424	0.38	cps
Terbium	159-1	11520191	11618713	11484917	11541274	0.60	cps
Terbium	159-2	2175376	2141490	2199419	2172095	1.34	cps
Thallium	203-1	5849769	5899187	5896321	5881759	0.47	cps
Thallium	205-1	13794304	13761758	13966146	13840736	0.79	cps
Tin	118-1	5131124	5142736	5166737	5146866	0.35	cps
Titanium	47-1	4366881	4427409	4367097	4387129	0.80	cps
Uranium	238-1	18805582	18875551	18896980	18859371	0.25	cps
Vanadium	51-2	479594	476702	482205	479500	0.57	cps
Yttrium	89-1	9253244	9328664	9243640	9275183	0.50	cps
Yttrium	89-2	243405	242383	251553	245781	2.04	cps
Zinc	66-2	202685	200239	203427	202117	0.83	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S7	Instrumnet Name :	P8
Client Sample ID :	S7	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:26:50	DataFile Name :	010CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10712725	10678117	10758623	10716488	0.38	cps
Zirconium	91-1	2400661	2405285	2409564	2405170	0.19	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	548904	556305	556067	553759	0.76	cps
Antimony	121-1	21084	20517	19498	20366	3.95	cps
Arsenic	75-2	111	143	150	135	15.34	cps
Barium	135-1	1333	1500	1575	1470	8.42	cps
Barium	137-1	2700	2550	2242	2498	9.36	cps
Beryllium	9-1	600	578	567	582	2.92	cps
Bismuth	209-1	6661439	6659208	6048921	6456523	5.47	cps
Bismuth	209-2	1798842	1828288	1805013	1810714	0.86	cps
Boron	10-1	7594	7302	6618	7172	6.98	cps
Boron	11-1	34876	31661	29682	32073	8.17	cps
Cadmium	111-1	1828	2034	1537	1800	13.86	cps
Cadmium	106-1	2117	2359	1617	2031	18.63	cps
Cadmium	108-1	42	67	46	51	26.07	cps
Calcium	43-1	9525140	9643810	9571290	9580080	0.62	cps
Calcium	44-1	156611074	156949362	157596862	157052433	0.32	cps
Chromium	52-2	28085	28018	28085	28063	0.14	cps
Cobalt	59-2	19120	19340	19374	19278	0.71	cps
Copper	63-2	4744	4624	4874	4748	2.63	cps
Dysprosium	156-1	142	175	100	139	27.06	cps
Dysprosium	156-2	13	10	7	10	33.30	cps
Erbium	164-1	50	50	33	44	21.66	cps
Erbium	164-2	0	7	7	4	86.60	cps
Gadolinium	160-1	83	75	142	100	36.33	cps
Gadolinium	160-2	7	23	17	16	53.90	cps
Holmium	165-1	11320062	11313057	10577496	11070205	3.85	cps
Holmium	165-2	2423815	2439163	2443786	2435588	0.43	cps
Indium	115-1	8763809	8806986	8125064	8565286	4.46	cps
Indium	115-2	345088	349583	350169	348280	0.80	cps
Iron	56-2	117874053	119389617	119976439	119080036	0.91	cps
Iron	57-2	3007024	3061331	3063360	3043905	1.05	cps
Krypton	83-1	307	330	323	320	3.75	cps
Lead	206-1	26528	27168	27002	26899	1.23	cps
Lead	207-1	22576	22548	22704	22610	0.37	cps
Lead	208-1	105067	105724	105194	105328	0.33	cps
Lithium	6-1	2270919	2286244	2157756	2238306	3.14	cps
Magnesium	24-2	13813500	13949076	13951865	13904814	0.57	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CAL.S.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1870	1914	1783	1856	3.57	cps
Molybdenum	94-1	18772	18271	17862	18302	2.49	cps
Molybdenum	95-1	31663	29909	29157	30243	4.25	cps
Molybdenum	96-1	34269	33960	32833	33687	2.24	cps
Molybdenum	97-1	19473	19031	18438	18981	2.74	cps
Molybdenum	98-1	48613	47225	46221	47353	2.54	cps
Neodymium	150-1	67	60	147	91	52.93	cps
Neodymium	150-2	0	7	7	4	86.60	cps
Nickel	60-2	14701	14595	14408	14568	1.02	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	3390110	3402768	3427109	3406662	0.55	cps
Rhodium	103-1	7929019	7943624	7369807	7747483	4.22	cps
Rhodium	103-2	2129497	2164355	2167169	2153674	0.97	cps
Scandium	45-1	5721920	5757452	5383989	5621120	3.67	cps
Scandium	45-2	40796	42070	41625	41497	1.56	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	4	2	86.60	cps
Selenium	82-1	62	71	91	75	19.83	cps
Silicon	28-1	333388	333646	337976	335003	0.77	cps
Silver	109-1	950	908	1300	1053	20.44	cps
Silver	107-1	958	1133	1042	1045	8.38	cps
Sodium	23-2	31583554	32170987	32131741	31962094	1.03	cps
Strontium	86-1	9679	9704	9896	9759	1.22	cps
Strontium	88-1	80949	81443	82550	81647	1.00	cps
Sulfur	34-1	374271	379835	380906	378337	0.94	cps
Terbium	159-1	11582982	11748308	10625609	11318966	5.35	cps
Terbium	159-2	2288713	2313936	2302068	2301573	0.55	cps
Thallium	203-1	4067	3542	3401	3670	9.57	cps
Thallium	205-1	8687	8420	8478	8528	1.65	cps
Tin	118-1	14725	14300	13833	14286	3.12	cps
Titanium	47-1	2492	2492	2550	2511	1.34	cps
Uranium	238-1	1909	1692	1775	1792	6.10	cps
Vanadium	51-2	190	210	127	176	24.78	cps
Yttrium	89-1	9479990	9561796	8922681	9321489	3.73	cps
Yttrium	89-2	269815	274317	274326	272819	0.95	cps
Zinc	66-2	1657	1707	1690	1685	1.51	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	S8	Instrumnet Name :	P8
Client Sample ID :	S8	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:30:12	DataFile Name :	011CALS.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3326	3109	2925	3120	6.42	cps
Zirconium	91-1	750	650	675	692	7.52	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	2425	2700	2709	2611	6.18	cps
Antimony	121-1	1434212	1460621	1451839	1448891	0.93	cps
Arsenic	75-2	14964	15151	15594	15236	2.12	cps
Barium	135-1	155638	155351	152705	154565	1.05	cps
Barium	137-1	270626	271930	270314	270957	0.32	cps
Beryllium	9-1	133071	132280	130345	131899	1.06	cps
Bismuth	209-1	6917161	7040125	7062969	7006752	1.12	cps
Bismuth	209-2	1882375	1926837	1968302	1925838	2.23	cps
Boron	10-1	73195	75935	78523	75884	3.51	cps
Boron	11-1	334040	350627	354818	346495	3.17	cps
Cadmium	111-1	167816	169944	165714	167825	1.26	cps
Cadmium	106-1	30702	30552	29392	30215	2.37	cps
Cadmium	108-1	15634	15739	15305	15559	1.46	cps
Calcium	43-1	41479	42373	42741	42198	1.54	cps
Calcium	44-1	669853	665770	665123	666915	0.38	cps
Chromium	52-2	71468	71284	71136	71296	0.23	cps
Cobalt	59-2	160684	158823	161180	160229	0.78	cps
Copper	63-2	138815	137993	138073	138294	0.33	cps
Dysprosium	156-1	25	0	25	17	86.60	cps
Dysprosium	156-2	10	0	0	3	173.21	cps
Erbium	164-1	75	117	58	83	36.05	cps
Erbium	164-2	17	10	13	13	25.01	cps
Gadolinium	160-1	75	75	42	64	30.12	cps
Gadolinium	160-2	7	20	3	10	88.20	cps
Holmium	165-1	10983701	11084220	11168411	11078777	0.83	cps
Holmium	165-2	2343507	2354841	2387200	2361849	0.96	cps
Indium	115-1	8982721	9057445	9160464	9066876	0.98	cps
Indium	115-2	348749	352353	359051	353384	1.48	cps
Iron	56-2	492531	485517	492789	490279	0.84	cps
Iron	57-2	12478	12183	12478	12380	1.37	cps
Krypton	83-1	363	277	353	331	14.32	cps
Lead	206-1	936100	943833	934615	938183	0.53	cps
Lead	207-1	811290	828304	819368	819654	1.04	cps
Lead	208-1	3779729	3821713	3798170	3799871	0.55	cps
Lithium	6-1	2404543	2430044	2462635	2432407	1.20	cps
Magnesium	24-2	33382	33014	33850	33415	1.25	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19497	19607	19417	19507	0.49	cps
Molybdenum	94-1	3007019	3004354	3026046	3012473	0.39	cps
Molybdenum	95-1	1722171	1712859	1714757	1716596	0.29	cps
Molybdenum	96-1	2196037	2181402	2167343	2181594	0.66	cps
Molybdenum	97-1	1055112	1059905	1050530	1055182	0.44	cps
Molybdenum	98-1	2751353	2734288	2765989	2750543	0.58	cps
Neodymium	150-1	7	33	7	16	98.94	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47956	47026	47538	47506	0.98	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	29164	29424	29390	29326	0.48	cps
Rhodium	103-1	8591251	8672413	8755985	8673216	0.95	cps
Rhodium	103-2	2277593	2327300	2351504	2318799	1.63	cps
Scandium	45-1	5925239	5884078	5958000	5922439	0.63	cps
Scandium	45-2	40569	40702	42029	41100	1.96	cps
Selenium	77-2	110	133	93	112	17.90	cps
Selenium	78-2	348	369	367	361	3.12	cps
Selenium	82-1	20554	20517	20633	20568	0.29	cps
Silicon	28-1	286342	291629	293216	290395	1.24	cps
Silver	109-1	741270	749712	743465	744815	0.59	cps
Silver	107-1	781926	789592	787789	786435	0.51	cps
Sodium	23-2	133775	136071	133334	134393	1.09	cps
Strontium	86-1	1043726	1063209	1048778	1051904	0.96	cps
Strontium	88-1	9015249	9072019	8940468	9009245	0.73	cps
Sulfur	34-1	404140	402519	396566	401075	0.99	cps
Terbium	159-1	11401154	11471622	11437511	11436762	0.31	cps
Terbium	159-2	2241203	2242028	2310967	2264732	1.77	cps
Thallium	203-1	1166694	1179632	1183394	1176573	0.74	cps
Thallium	205-1	2848495	2849434	2857695	2851875	0.18	cps
Tin	118-1	2635327	2711185	2682530	2676348	1.43	cps
Titanium	47-1	479170	480275	475588	478344	0.51	cps
Uranium	238-1	9036340	9092974	9060696	9063337	0.31	cps
Vanadium	51-2	52137	52404	53171	52570	1.02	cps
Yttrium	89-1	9768810	9658680	9746831	9724774	0.60	cps
Yttrium	89-2	265065	267384	274660	269037	1.86	cps
Zinc	66-2	23130	22562	23310	23000	1.70	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICV01	Instrumnet Name :	P8
Client Sample ID :	ICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:38:47	DataFile Name :	012ICV01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5700027	5637341	5630959	5656109	0.67	cps
Zirconium	91-1	1238025	1238017	1230742	1235595	0.34	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	58	158	50	89	67.82	cps
Antimony	121-1	15259	15551	14559	15123	3.37	cps
Arsenic	75-2	81	93	100	91	10.20	cps
Barium	135-1	15518	16019	15351	15629	2.22	cps
Barium	137-1	26252	26720	27304	26759	1.97	cps
Beryllium	9-1	1439	1633	1439	1504	7.47	cps
Bismuth	209-1	6844442	6842283	6832966	6839897	0.09	cps
Bismuth	209-2	1876152	1877098	1889489	1880913	0.40	cps
Boron	10-1	4901	4934	4876	4904	0.60	cps
Boron	11-1	22377	22026	22510	22304	1.12	cps
Cadmium	111-1	2709	3024	3043	2925	6.43	cps
Cadmium	106-1	1909	2034	2075	2006	4.33	cps
Cadmium	108-1	117	100	121	113	9.80	cps
Calcium	43-1	9987	9879	9520	9796	2.50	cps
Calcium	44-1	168305	170642	169788	169579	0.70	cps
Chromium	52-2	2017	1994	1934	1981	2.17	cps
Cobalt	59-2	1547	1640	1743	1643	5.99	cps
Copper	63-2	3244	3327	3150	3240	2.73	cps
Dysprosium	156-1	17	42	8	22	78.07	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	100	67	58	75	29.40	cps
Erbium	164-2	7	7	3	6	34.70	cps
Gadolinium	160-1	42	75	42	53	36.46	cps
Gadolinium	160-2	3	20	7	10	88.20	cps
Holmium	165-1	10734286	10685527	10625006	10681606	0.51	cps
Holmium	165-2	2317918	2312375	2291696	2307330	0.60	cps
Indium	115-1	8759623	8861000	8729441	8783355	0.78	cps
Indium	115-2	349195	346660	346094	347316	0.48	cps
Iron	56-2	26197	25774	25980	25984	0.81	cps
Iron	57-2	617	683	667	656	5.29	cps
Krypton	83-1	330	340	343	338	2.05	cps
Lead	206-1	5068	5296	5412	5259	3.33	cps
Lead	207-1	4773	4329	5023	4708	7.47	cps
Lead	208-1	21102	21124	21741	21323	1.70	cps
Lithium	6-1	2354033	2364496	2354721	2357750	0.25	cps
Magnesium	24-2	13916	13382	13507	13601	2.05	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	253	250	267	257	3.43	cps
Molybdenum	94-1	15192	15201	14909	15101	1.10	cps
Molybdenum	95-1	16661	17412	15835	16636	4.74	cps
Molybdenum	96-1	18388	18764	18597	18583	1.01	cps
Molybdenum	97-1	10638	9996	10363	10332	3.12	cps
Molybdenum	98-1	25458	26218	25567	25748	1.60	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	477	613	587	559	12.96	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	9128	8945	8978	9017	1.08	cps
Rhodium	103-1	8352066	8434652	8373690	8386803	0.51	cps
Rhodium	103-2	2298140	2237172	2255078	2263463	1.38	cps
Scandium	45-1	5663326	5624356	5586035	5624572	0.69	cps
Scandium	45-2	39208	39399	39452	39353	0.33	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	7	15	11	11	33.30	cps
Selenium	82-1	498	519	428	482	9.89	cps
Silicon	28-1	334956	332116	329219	332097	0.86	cps
Silver	109-1	8161	7819	7803	7928	2.55	cps
Silver	107-1	8336	8595	8036	8322	3.36	cps
Sodium	23-2	35971	37058	35913	36314	1.78	cps
Strontium	86-1	2459	3176	2534	2723	14.47	cps
Strontium	88-1	18246	18271	19239	18586	3.05	cps
Sulfur	34-1	407526	403160	410097	406928	0.86	cps
Terbium	159-1	11124927	11181014	11060258	11122066	0.54	cps
Terbium	159-2	2238687	2194368	2200314	2211123	1.09	cps
Thallium	203-1	5893	6093	6627	6205	6.11	cps
Thallium	205-1	15418	14976	15160	15185	1.46	cps
Tin	118-1	26911	27229	28924	27688	3.91	cps
Titanium	47-1	5051	4584	5068	4901	5.60	cps
Uranium	238-1	18248	18231	19074	18517	2.60	cps
Vanadium	51-2	2594	2580	2320	2498	6.17	cps
Yttrium	89-1	9310004	9445048	9386820	9380624	0.72	cps
Yttrium	89-2	265956	259089	260123	261722	1.41	cps
Zinc	66-2	277	327	390	331	17.15	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	LLICV01	Instrumnet Name :	P8
Client Sample ID :	LLICV01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:55:30	DataFile Name :	014LLIC.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	17153	16093	16160	16469	3.60	cps
Zirconium	91-1	3717	3867	3584	3723	3.81	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:58:50 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	675	633	717	675	6.17	cps
Arsenic	75-2	0	6	6	4	86.60	cps
Barium	135-1	17	92	33	47	83.40	cps
Barium	137-1	83	75	108	89	19.52	cps
Beryllium	9-1	133	156	150	146	7.90	cps
Bismuth	209-1	6985132	6879143	6835280	6899852	1.12	cps
Bismuth	209-2	1809631	1930563	1930766	1890320	3.70	cps
Boron	10-1	1433	1375	1525	1445	5.24	cps
Boron	11-1	6527	6227	6035	6263	3.96	cps
Cadmium	111-1	1519	1426	1151	1365	14.00	cps
Cadmium	106-1	2167	2017	1625	1936	14.45	cps
Cadmium	108-1	8	4	4	6	43.22	cps
Calcium	43-1	642	500	550	564	12.74	cps
Calcium	44-1	19356	19081	19189	19208	0.72	cps
Chromium	52-2	433	520	423	459	11.58	cps
Cobalt	59-2	63	73	97	78	22.00	cps
Copper	63-2	390	377	403	390	3.42	cps
Dysprosium	156-1	17	42	17	25	57.73	cps
Dysprosium	156-2	7	0	0	2	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	3	7	0	3	100.05	cps
Gadolinium	160-1	50	67	33	50	33.34	cps
Gadolinium	160-2	7	10	13	10	33.30	cps
Holmium	165-1	11015389	10809324	10733082	10852598	1.35	cps
Holmium	165-2	2254765	2335370	2355907	2315347	2.31	cps
Indium	115-1	9069893	8827737	8704121	8867250	2.10	cps
Indium	115-2	336655	347358	349570	344528	2.00	cps
Iron	56-2	1850	1867	1734	1817	4.00	cps
Iron	57-2	28	61	67	52	40.56	cps
Krypton	83-1	300	333	340	324	6.60	cps
Lead	206-1	628	572	622	607	5.04	cps
Lead	207-1	450	428	394	424	6.59	cps
Lead	208-1	2189	2156	2278	2208	2.86	cps
Lithium	6-1	2373525	2347290	2351123	2357313	0.60	cps
Magnesium	24-2	317	233	233	261	18.42	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : ICB01 Instrumnet Name : P8
 Client Sample ID : ICB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 13:58:50 DataFile Name : 015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	67	53	70	63	13.93	cps
Molybdenum	94-1	742	775	825	781	5.37	cps
Molybdenum	95-1	417	333	342	364	12.61	cps
Molybdenum	96-1	533	700	650	628	13.62	cps
Molybdenum	97-1	275	308	258	281	9.07	cps
Molybdenum	98-1	625	675	633	645	4.16	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	100	63	110	91	26.97	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1950	1959	2134	2014	5.14	cps
Rhodium	103-1	8572928	8359470	8326273	8419557	1.59	cps
Rhodium	103-2	2205081	2274553	2297825	2259153	2.14	cps
Scandium	45-1	5788775	5752498	5670185	5737152	1.06	cps
Scandium	45-2	37794	40288	39857	39313	3.39	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	7	-11	-23	-9	-172.43	cps
Silicon	28-1	470177	274883	272135	339065	33.49	cps
Silver	109-1	67	67	83	72	13.33	cps
Silver	107-1	167	125	75	122	37.55	cps
Sodium	23-2	5801	4743	4776	5107	11.79	cps
Strontium	86-1	525	467	483	492	6.11	cps
Strontium	88-1	192	192	250	211	15.95	cps
Sulfur	34-1	406452	409116	408237	407935	0.33	cps
Terbium	159-1	11299324	11118860	11096872	11171685	0.99	cps
Terbium	159-2	2144373	2237712	2228787	2203624	2.34	cps
Thallium	203-1	500	417	583	500	16.67	cps
Thallium	205-1	1117	1100	1242	1153	6.72	cps
Tin	118-1	1425	1433	1150	1336	12.07	cps
Titanium	47-1	125	83	100	103	20.41	cps
Uranium	238-1	117	83	33	78	53.93	cps
Vanadium	51-2	10	0	0	3	173.21	cps
Yttrium	89-1	9555016	9359458	9391951	9435475	1.11	cps
Yttrium	89-2	253706	261009	264952	259889	2.20	cps
Zinc	66-2	80	63	110	84	28.01	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICB01	Instrumnet Name :	P8
Client Sample ID :	ICB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 13:58:50	DataFile Name :	015CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1533	1667	1200	1467	16.39	cps
Zirconium	91-1	392	317	283	331	16.79	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:02:11	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	458271	454899	450569	454579	0.85	cps
Antimony	121-1	8470	9020	8578	8689	3.36	cps
Arsenic	75-2	31	35	24	30	18.72	cps
Barium	135-1	2184	2459	2217	2286	6.56	cps
Barium	137-1	3959	4243	4509	4237	6.49	cps
Beryllium	9-1	511	617	467	532	14.50	cps
Bismuth	209-1	6738596	6812866	6790427	6780630	0.56	cps
Bismuth	209-2	1821435	1784747	1760252	1788811	1.72	cps
Boron	10-1	1592	1400	1583	1525	7.10	cps
Boron	11-1	7044	6593	6994	6877	3.59	cps
Cadmium	111-1	1804	2041	1965	1937	6.25	cps
Cadmium	106-1	1809	2109	1825	1914	8.81	cps
Cadmium	108-1	1100	1163	1054	1106	4.92	cps
Calcium	43-1	1783005	1802221	1802483	1795903	0.62	cps
Calcium	44-1	28883071	29055796	29379534	29106134	0.87	cps
Chromium	52-2	13083	14027	13647	13586	3.50	cps
Cobalt	59-2	1717	1823	1847	1796	3.86	cps
Copper	63-2	10084	9917	10187	10063	1.35	cps
Dysprosium	156-1	58	42	83	61	34.32	cps
Dysprosium	156-2	10	10	3	8	49.52	cps
Erbium	164-1	75	75	67	72	6.66	cps
Erbium	164-2	3	13	13	10	57.75	cps
Gadolinium	160-1	83	50	100	78	32.74	cps
Gadolinium	160-2	13	23	27	21	32.88	cps
Holmium	165-1	11075258	11144853	11133923	11118011	0.34	cps
Holmium	165-2	2301613	2311372	2300229	2304405	0.26	cps
Indium	115-1	8677535	8813369	8759333	8750079	0.78	cps
Indium	115-2	332250	328520	325315	328695	1.06	cps
Iron	56-2	44379787	44270611	44170751	44273716	0.24	cps
Iron	57-2	1110971	1112181	1114977	1112709	0.18	cps
Krypton	83-1	293	263	290	282	5.83	cps
Lead	206-1	22598	23027	22476	22700	1.27	cps
Lead	207-1	18024	17496	18113	17878	1.87	cps
Lead	208-1	85397	85046	84354	84932	0.62	cps
Lithium	6-1	2310716	2312308	2299053	2307359	0.31	cps
Magnesium	24-2	2523179	2530357	2510192	2521243	0.41	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:02:11	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1393	1497	1307	1399	6.80	cps
Molybdenum	94-1	3498524	3534082	3598378	3543661	1.43	cps
Molybdenum	95-1	6088555	6103448	6207990	6133331	1.06	cps
Molybdenum	96-1	6517841	6573237	6628244	6573107	0.84	cps
Molybdenum	97-1	3891180	3915729	3913395	3906768	0.35	cps
Molybdenum	98-1	9743405	9745222	9806375	9765001	0.37	cps
Neodymium	150-1	80	40	47	56	38.57	cps
Neodymium	150-2	10	10	3	8	49.52	cps
Nickel	60-2	2304	2460	2490	2418	4.15	cps
Phosphorus	31-2	29306	29598	29198	29367	0.71	cps
Potassium	39-2	1203495	1206813	1199960	1203423	0.28	cps
Rhodium	103-1	8024443	8150963	8028064	8067823	0.89	cps
Rhodium	103-2	2156424	2130764	2124763	2137317	0.79	cps
Scandium	45-1	5657151	5697386	5610915	5655151	0.77	cps
Scandium	45-2	38480	38255	37343	38026	1.58	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	9	35	12	19	75.34	cps
Silicon	28-1	384666	387058	384390	385371	0.38	cps
Silver	109-1	458	475	567	500	11.67	cps
Silver	107-1	483	467	583	511	12.35	cps
Sodium	23-2	5884797	5839391	5838936	5854375	0.45	cps
Strontium	86-1	69092	68957	68740	68930	0.26	cps
Strontium	88-1	587796	593700	594011	591836	0.59	cps
Sulfur	34-1	2491968	2468135	2495034	2485045	0.59	cps
Terbium	159-1	11496616	11334474	11374663	11401918	0.74	cps
Terbium	159-2	2214333	2202322	2156543	2191066	1.39	cps
Thallium	203-1	767	867	1083	906	17.88	cps
Thallium	205-1	1850	2092	2059	2000	6.55	cps
Tin	118-1	1750	1600	1742	1697	4.97	cps
Titanium	47-1	1833960	1836034	1854299	1841431	0.61	cps
Uranium	238-1	308	383	442	378	17.69	cps
Vanadium	51-2	40	73	50	54	31.42	cps
Yttrium	89-1	9370923	9385120	9412261	9389435	0.22	cps
Yttrium	89-2	255183	253339	251353	253292	0.76	cps
Zinc	66-2	1303	1130	1290	1241	7.77	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSA01	Instrumnet Name :	P8
Client Sample ID :	ICSA01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:02:11	DataFile Name :	016ICSA01.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	8436	7761	6385	7527	13.89	cps
Zirconium	91-1	1834	1517	1358	1570	15.41	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : ICSAB01 Instrumnet Name : P8
 Client Sample ID : ICSAB01 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 14:05:26 DataFile Name : 017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	457208	462009	458411	459209	0.54	cps
Antimony	121-1	156709	155098	156576	156128	0.57	cps
Arsenic	75-2	1385	1298	1409	1364	4.29	cps
Barium	135-1	33485	33786	33268	33513	0.78	cps
Barium	137-1	59217	58430	57853	58500	1.17	cps
Beryllium	9-1	26102	26030	26124	26085	0.19	cps
Bismuth	209-1	6777234	6763229	6768550	6769671	0.10	cps
Bismuth	209-2	1833355	1740484	1805630	1793156	2.66	cps
Boron	10-1	8903	8520	9237	8887	4.04	cps
Boron	11-1	39313	41360	42130	40935	3.56	cps
Cadmium	111-1	33080	33389	33226	33232	0.46	cps
Cadmium	106-1	5651	5585	5660	5632	0.73	cps
Cadmium	108-1	3721	3530	3671	3641	2.73	cps
Calcium	43-1	1805917	1820765	1836343	1821008	0.84	cps
Calcium	44-1	29209003	29210095	29248658	29222585	0.08	cps
Chromium	52-2	27998	27327	28332	27886	1.84	cps
Cobalt	59-2	31202	30971	31282	31152	0.52	cps
Copper	63-2	35783	36077	36204	36021	0.60	cps
Dysprosium	156-1	50	25	42	39	32.73	cps
Dysprosium	156-2	7	13	7	9	43.25	cps
Erbium	164-1	50	58	8	39	68.89	cps
Erbium	164-2	3	17	20	13	66.16	cps
Gadolinium	160-1	50	33	83	56	45.82	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	11140535	11105844	11259227	11168535	0.72	cps
Holmium	165-2	2344487	2199566	2295018	2279690	3.23	cps
Indium	115-1	8854531	8830582	8787264	8824126	0.39	cps
Indium	115-2	331055	316458	330527	326013	2.54	cps
Iron	56-2	44684093	44318423	44019508	44340675	0.75	cps
Iron	57-2	1127583	1120167	1116057	1121269	0.52	cps
Krypton	83-1	377	300	323	333	11.79	cps
Lead	206-1	115621	118996	118429	117682	1.54	cps
Lead	207-1	98563	96778	99352	98231	1.34	cps
Lead	208-1	453206	455547	457340	455364	0.46	cps
Lithium	6-1	2293052	2278460	2288498	2286670	0.33	cps
Magnesium	24-2	2541862	2498182	2503670	2514571	0.95	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:05:26	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	5101	5034	5231	5122	1.95	cps
Molybdenum	94-1	3857804	3850590	3822799	3843731	0.48	cps
Molybdenum	95-1	6364003	6369422	6297771	6343732	0.63	cps
Molybdenum	96-1	6788942	6890463	6826874	6835426	0.75	cps
Molybdenum	97-1	4066406	4052418	4031741	4050188	0.43	cps
Molybdenum	98-1	10244331	10211726	10103251	10186436	0.73	cps
Neodymium	150-1	7	67	47	40	76.37	cps
Neodymium	150-2	0	0	10	3	173.21	cps
Nickel	60-2	11405	11225	11445	11358	1.03	cps
Phosphorus	31-2	29807	29248	30175	29743	1.57	cps
Potassium	39-2	1214714	1207266	1200018	1207333	0.61	cps
Rhodium	103-1	8169362	8164765	8159825	8164651	0.06	cps
Rhodium	103-2	2158489	2037585	2143950	2113341	3.12	cps
Scandium	45-1	5619904	5618441	5558081	5598809	0.63	cps
Scandium	45-2	37366	35826	37858	37017	2.86	cps
Selenium	77-2	10	0	7	6	91.64	cps
Selenium	78-2	31	20	37	30	28.65	cps
Selenium	82-1	1868	1959	2125	1984	6.57	cps
Silicon	28-1	585770	583798	581620	583729	0.36	cps
Silver	109-1	143206	145191	142876	143758	0.87	cps
Silver	107-1	150463	148846	148788	149366	0.64	cps
Sodium	23-2	5934003	5860376	5805578	5866652	1.10	cps
Strontium	86-1	171100	172223	168771	170698	1.03	cps
Strontium	88-1	1504599	1502443	1485753	1497598	0.69	cps
Sulfur	34-1	2437519	2477114	2504932	2473188	1.37	cps
Terbium	159-1	11660365	11466985	11395009	11507453	1.19	cps
Terbium	159-2	2218786	2075515	2202262	2165521	3.62	cps
Thallium	203-1	116009	117205	120794	118003	2.11	cps
Thallium	205-1	281587	283717	286579	283961	0.88	cps
Tin	118-1	259053	260628	258333	259338	0.45	cps
Titanium	47-1	1888235	1886590	1901078	1891967	0.42	cps
Uranium	238-1	909049	914640	919060	914250	0.55	cps
Vanadium	51-2	10204	9747	9727	9893	2.73	cps
Yttrium	89-1	9356513	9473372	9360925	9396937	0.70	cps
Yttrium	89-2	254930	241999	254670	250533	2.95	cps
Zinc	66-2	3644	3497	3461	3534	2.75	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	ICSAB01	Instrumnet Name :	P8
Client Sample ID :	ICSAB01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:05:26	DataFile Name :	017ICSB.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	537810	543732	538674	540072	0.59	cps
Zirconium	91-1	119302	121421	120160	120294	0.89	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264885	262121	268078	265028	1.12	cps
Antimony	121-1	3624888	3609158	3620696	3618247	0.23	cps
Arsenic	75-2	37102	37241	37194	37179	0.19	cps
Barium	135-1	3856283	3797600	3851477	3835120	0.85	cps
Barium	137-1	6616933	6553025	6592802	6587587	0.49	cps
Beryllium	9-1	623347	625609	636666	628541	1.13	cps
Bismuth	209-1	6650035	6594804	6078433	6441091	4.89	cps
Bismuth	209-2	1801498	1802780	1836204	1813494	1.09	cps
Boron	10-1	69753	71412	74301	71822	3.20	cps
Boron	11-1	316941	329711	339353	328668	3.42	cps
Cadmium	111-1	758917	758929	762672	760173	0.28	cps
Cadmium	106-1	83173	82703	82736	82870	0.32	cps
Cadmium	108-1	55054	54409	55514	54992	1.01	cps
Calcium	43-1	4483134	4454806	4491955	4476632	0.43	cps
Calcium	44-1	72504352	73197518	73428350	73043406	0.66	cps
Chromium	52-2	359402	362304	361853	361187	0.43	cps
Cobalt	59-2	750641	752402	756347	753130	0.39	cps
Copper	63-2	1254130	1257446	1259601	1257059	0.22	cps
Dysprosium	156-1	100	117	117	111	8.66	cps
Dysprosium	156-2	17	3	3	8	99.04	cps
Erbium	164-1	42	75	25	47	53.91	cps
Erbium	164-2	0	0	3	1	173.21	cps
Gadolinium	160-1	92	92	83	89	5.41	cps
Gadolinium	160-2	13	13	10	12	15.73	cps
Holmium	165-1	11105237	11033786	9991450	10710158	5.82	cps
Holmium	165-2	2347503	2350896	2355477	2351292	0.17	cps
Indium	115-1	8754952	8621848	7869333	8415378	5.67	cps
Indium	115-2	335562	340601	343461	339875	1.18	cps
Iron	56-2	57352022	57562504	57756042	57556856	0.35	cps
Iron	57-2	1466049	1481895	1465338	1471094	0.64	cps
Krypton	83-1	327	283	390	333	16.09	cps
Lead	206-1	2302962	2254348	2278218	2278509	1.07	cps
Lead	207-1	2072294	2078790	2106202	2085762	0.86	cps
Lead	208-1	9306779	9252974	9328050	9295934	0.42	cps
Lithium	6-1	2293622	2306300	2072690	2224204	5.91	cps
Magnesium	24-2	6599344	6640494	6690648	6643495	0.69	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	188510	190067	190590	189723	0.57	cps
Molybdenum	94-1	6364910	6462564	6451185	6426219	0.83	cps
Molybdenum	95-1	7862028	7842713	7910529	7871757	0.44	cps
Molybdenum	96-1	8679364	8693156	8819815	8730778	0.89	cps
Molybdenum	97-1	4949746	5002342	4971659	4974582	0.53	cps
Molybdenum	98-1	12561071	12638768	12667930	12622590	0.44	cps
Neodymium	150-1	200	173	153	176	13.34	cps
Neodymium	150-2	10	0	3	4	114.60	cps
Nickel	60-2	220720	221455	222555	221577	0.42	cps
Phosphorus	31-2	3434	2925	3126	3162	8.10	cps
Potassium	39-2	1638099	1624758	1663879	1642246	1.21	cps
Rhodium	103-1	8102881	8005432	7269604	7792639	5.85	cps
Rhodium	103-2	2140931	2165938	2185828	2164232	1.04	cps
Scandium	45-1	5693194	5720872	5235591	5549885	4.91	cps
Scandium	45-2	40746	40228	41170	40715	1.16	cps
Selenium	77-2	220	237	253	237	7.04	cps
Selenium	78-2	854	922	817	864	6.20	cps
Selenium	82-1	48612	49001	49043	48885	0.49	cps
Silicon	28-1	2050522	2050187	2107741	2069484	1.60	cps
Silver	109-1	3667722	3591140	3676553	3645138	1.29	cps
Silver	107-1	3799111	3821898	3782239	3801083	0.52	cps
Sodium	23-2	15251473	15217872	15392924	15287423	0.61	cps
Strontium	86-1	1013687	1017566	1023140	1018131	0.47	cps
Strontium	88-1	8756756	8796563	8763985	8772435	0.24	cps
Sulfur	34-1	652295	653311	657868	654491	0.45	cps
Terbium	159-1	11461488	11268074	10228804	10986122	6.03	cps
Terbium	159-2	2239292	2233060	2257365	2243239	0.56	cps
Thallium	203-1	2851142	2840343	2814504	2835330	0.66	cps
Thallium	205-1	6549512	6571689	6610667	6577289	0.47	cps
Tin	118-1	2557024	2560963	2577476	2565154	0.42	cps
Titanium	47-1	2297511	2284435	2320423	2300790	0.79	cps
Uranium	238-1	8887789	8923232	9055135	8955386	0.98	cps
Vanadium	51-2	259061	259623	259989	259557	0.18	cps
Yttrium	89-1	9553498	9416612	8560970	9177027	5.86	cps
Yttrium	89-2	264792	267252	268094	266713	0.64	cps
Zinc	66-2	104997	104073	104577	104549	0.44	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV08	Instrumnet Name :	P8
Client Sample ID :	CCV08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:08:41	DataFile Name :	018CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5507531	5452453	5490586	5483523	0.51	cps
Zirconium	91-1	1207975	1205520	1215673	1209723	0.44	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : CCB08 Instrumnet Name : P8
 Client Sample ID : CCB08 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 14:41:43 DataFile Name : 019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	658	708	608	658	7.60	cps
Arsenic	75-2	4	0	0	1	173.21	cps
Barium	135-1	42	8	17	22	78.07	cps
Barium	137-1	50	75	50	58	24.74	cps
Beryllium	9-1	144	144	50	113	48.27	cps
Bismuth	209-1	6675086	7029532	6981828	6895482	2.79	cps
Bismuth	209-2	1956029	1973189	1969989	1966402	0.46	cps
Boron	10-1	708	650	758	706	7.69	cps
Boron	11-1	2967	3092	3134	3064	2.83	cps
Cadmium	111-1	1138	1258	1302	1233	6.90	cps
Cadmium	106-1	1625	1809	1867	1767	7.14	cps
Cadmium	108-1	29	17	13	19	44.61	cps
Calcium	43-1	583	458	525	522	11.98	cps
Calcium	44-1	18947	19047	18062	18685	2.90	cps
Chromium	52-2	433	400	403	412	4.45	cps
Cobalt	59-2	70	97	73	80	18.17	cps
Copper	63-2	333	323	383	347	9.27	cps
Dysprosium	156-1	8	50	8	22	108.27	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	17	50	75	47	61.97	cps
Erbium	164-2	7	10	0	6	91.64	cps
Gadolinium	160-1	58	75	50	61	20.83	cps
Gadolinium	160-2	10	3	17	10	66.70	cps
Holmium	165-1	10534135	10971297	11068128	10857853	2.62	cps
Holmium	165-2	2374312	2408877	2404647	2395945	0.79	cps
Indium	115-1	8514634	9087287	9055983	8885968	3.62	cps
Indium	115-2	349149	355220	353952	352774	0.91	cps
Iron	56-2	1472	1495	1528	1498	1.87	cps
Iron	57-2	50	67	39	52	26.97	cps
Krypton	83-1	367	313	343	341	7.84	cps
Lead	206-1	528	578	511	539	6.44	cps
Lead	207-1	417	467	367	417	12.00	cps
Lead	208-1	2033	2050	1989	2024	1.56	cps
Lithium	6-1	2230616	2377765	2339480	2315954	3.30	cps
Magnesium	24-2	250	258	217	242	9.12	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:41:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	30	57	43	30.77	cps
Molybdenum	94-1	767	742	625	711	10.63	cps
Molybdenum	95-1	325	383	308	339	11.62	cps
Molybdenum	96-1	600	517	442	519	15.25	cps
Molybdenum	97-1	317	192	217	242	27.37	cps
Molybdenum	98-1	508	442	383	444	14.07	cps
Neodymium	150-1	7	13	7	9	43.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	77	47	58	28.46	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1867	1817	2092	1925	7.61	cps
Rhodium	103-1	8064959	8540770	8585465	8397065	3.44	cps
Rhodium	103-2	2299016	2322015	2336448	2319160	0.81	cps
Scandium	45-1	5319194	5655956	5612336	5529162	3.31	cps
Scandium	45-2	39502	40010	39756	39756	0.64	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	-31	-3	-73	-36	-97.89	cps
Silicon	28-1	269591	266567	270474	268877	0.76	cps
Silver	109-1	42	83	133	86	53.30	cps
Silver	107-1	75	117	142	111	30.31	cps
Sodium	23-2	5535	4918	5193	5215	5.93	cps
Strontium	86-1	483	542	425	483	12.07	cps
Strontium	88-1	333	217	233	261	24.16	cps
Sulfur	34-1	400183	400910	401823	400972	0.20	cps
Terbium	159-1	10831638	11388562	11290140	11170113	2.66	cps
Terbium	159-2	2213763	2250268	2275977	2246669	1.39	cps
Thallium	203-1	325	375	392	364	9.53	cps
Thallium	205-1	742	892	1033	889	16.41	cps
Tin	118-1	1625	1567	1559	1584	2.29	cps
Titanium	47-1	117	150	100	122	20.83	cps
Uranium	238-1	25	17	17	19	24.73	cps
Vanadium	51-2	0	3	3	2	86.60	cps
Yttrium	89-1	8995976	9528655	9470721	9331784	3.13	cps
Yttrium	89-2	262634	264967	267822	265141	0.98	cps
Zinc	66-2	93	73	70	79	16.00	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB08	Instrumnet Name :	P8
Client Sample ID :	CCB08	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:41:43	DataFile Name :	019CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1450	1242	1267	1320	8.62	cps
Zirconium	91-1	275	275	342	297	12.95	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	133	117	142	131	9.75	cps
Antimony	121-1	14242	14826	14217	14428	2.39	cps
Arsenic	75-2	89	80	74	81	9.26	cps
Barium	135-1	14834	14851	14500	14728	1.34	cps
Barium	137-1	25417	26068	25108	25531	1.92	cps
Beryllium	9-1	1311	1439	1467	1406	5.90	cps
Bismuth	209-1	7079360	6766092	7170414	7005288	3.03	cps
Bismuth	209-2	2001846	1977187	1962166	1980400	1.01	cps
Boron	10-1	3676	4101	4067	3948	5.99	cps
Boron	11-1	16552	16869	17853	17091	3.97	cps
Cadmium	111-1	2841	2818	2989	2883	3.21	cps
Cadmium	106-1	2050	1967	2125	2047	3.87	cps
Cadmium	108-1	129	138	100	122	16.11	cps
Calcium	43-1	9012	9270	9720	9334	3.84	cps
Calcium	44-1	159312	158848	157617	158592	0.55	cps
Chromium	52-2	1967	1790	1853	1870	4.79	cps
Cobalt	59-2	1607	1447	1600	1551	5.84	cps
Copper	63-2	2894	2997	2927	2939	1.79	cps
Dysprosium	156-1	8	25	25	19	49.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	67	75	67	12.49	cps
Erbium	164-2	10	10	0	7	86.60	cps
Gadolinium	160-1	67	100	58	75	29.39	cps
Gadolinium	160-2	10	13	3	9	57.30	cps
Holmium	165-1	11072581	10482959	11177936	10911159	3.43	cps
Holmium	165-2	2407901	2409820	2387240	2401654	0.52	cps
Indium	115-1	9108932	8586905	9124064	8939967	3.42	cps
Indium	115-2	354740	351595	352480	352938	0.46	cps
Iron	56-2	24555	24082	24322	24320	0.97	cps
Iron	57-2	639	656	678	657	2.97	cps
Krypton	83-1	310	283	353	316	11.20	cps
Lead	206-1	5185	4901	4985	5023	2.90	cps
Lead	207-1	4634	5034	4595	4755	5.11	cps
Lead	208-1	21480	21230	20313	21008	2.93	cps
Lithium	6-1	2340653	2245902	2395468	2327341	3.25	cps
Magnesium	24-2	12773	13407	13015	13065	2.45	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	240	263	257	253	4.74	cps
Molybdenum	94-1	13257	12723	13532	13171	3.12	cps
Molybdenum	95-1	15876	15359	15343	15526	1.95	cps
Molybdenum	96-1	17445	18463	17303	17737	3.57	cps
Molybdenum	97-1	10121	9412	9996	9843	3.84	cps
Molybdenum	98-1	24222	24732	26076	25010	3.83	cps
Neodymium	150-1	13	13	20	16	24.76	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	573	560	593	576	2.92	cps
Phosphorus	31-2	17	8	0	8	100.02	cps
Potassium	39-2	8219	8520	8053	8264	2.86	cps
Rhodium	103-1	8649085	8134397	8656918	8480133	3.53	cps
Rhodium	103-2	2323061	2336919	2309613	2323198	0.59	cps
Scandium	45-1	5734572	5386587	5782756	5634638	3.84	cps
Scandium	45-2	39218	39348	39719	39429	0.66	cps
Selenium	77-2	3	3	3	3	0.00	cps
Selenium	78-2	4	15	6	8	74.17	cps
Selenium	82-1	497	583	471	517	11.33	cps
Silicon	28-1	321066	323617	323610	322764	0.46	cps
Silver	109-1	7611	7044	7269	7308	3.91	cps
Silver	107-1	7728	8311	7944	7994	3.69	cps
Sodium	23-2	34459	34100	35161	34573	1.56	cps
Strontium	86-1	2334	2617	2475	2475	5.72	cps
Strontium	88-1	17554	18046	17921	17840	1.43	cps
Sulfur	34-1	403557	396428	399882	399955	0.89	cps
Terbium	159-1	11558659	10848498	11452137	11286431	3.39	cps
Terbium	159-2	2297523	2278444	2282864	2286277	0.44	cps
Thallium	203-1	6160	5943	5977	6027	1.94	cps
Thallium	205-1	15068	14709	14492	14756	1.97	cps
Tin	118-1	26845	25608	27079	26511	2.98	cps
Titanium	47-1	4293	4376	4601	4423	3.61	cps
Uranium	238-1	17855	16946	17697	17499	2.78	cps
Vanadium	51-2	2237	2464	2400	2367	4.94	cps
Yttrium	89-1	9685345	9067804	9614195	9455781	3.57	cps
Yttrium	89-2	265145	260951	266407	264168	1.08	cps
Zinc	66-2	313	327	377	339	9.85	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CRI	Instrumnet Name :	P8
Client Sample ID :	CRI	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:45:03	DataFile Name :	020SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	12306	12415	12456	12392	0.63	cps
Zirconium	91-1	2967	2892	2875	2912	1.68	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	264658	270133	266346	267046	1.05	cps
Antimony	121-1	3649097	3692169	3667733	3669666	0.59	cps
Arsenic	75-2	36962	37282	37239	37161	0.47	cps
Barium	135-1	3884620	3888065	3908443	3893710	0.33	cps
Barium	137-1	6639397	6686723	6691326	6672482	0.43	cps
Beryllium	9-1	627848	633086	631548	630827	0.43	cps
Bismuth	209-1	6860093	6913749	6833515	6869119	0.60	cps
Bismuth	209-2	1921644	1770165	1754247	1815352	5.09	cps
Boron	10-1	69133	72592	73731	71819	3.33	cps
Boron	11-1	324723	330196	335697	330205	1.66	cps
Cadmium	111-1	770390	765579	768350	768106	0.31	cps
Cadmium	106-1	84574	83584	86108	84755	1.50	cps
Cadmium	108-1	56246	56192	55857	56098	0.38	cps
Calcium	43-1	4477025	4481868	4504378	4487757	0.33	cps
Calcium	44-1	73086160	73391341	73733956	73403819	0.44	cps
Chromium	52-2	360045	366846	365506	364133	0.99	cps
Cobalt	59-2	755410	761831	753540	756927	0.57	cps
Copper	63-2	1258972	1274212	1269266	1267484	0.61	cps
Dysprosium	156-1	108	67	75	83	26.46	cps
Dysprosium	156-2	7	3	17	9	78.08	cps
Erbium	164-1	42	67	50	53	24.12	cps
Erbium	164-2	7	3	20	10	88.20	cps
Gadolinium	160-1	42	75	125	81	52.07	cps
Gadolinium	160-2	30	13	20	21	39.75	cps
Holmium	165-1	11385620	11437888	11396607	11406705	0.24	cps
Holmium	165-2	2444621	2299436	2360782	2368280	3.08	cps
Indium	115-1	8816370	8889082	8867349	8857600	0.42	cps
Indium	115-2	352943	330223	337689	340285	3.40	cps
Iron	56-2	57675746	58354829	57980535	58003703	0.59	cps
Iron	57-2	1472445	1495166	1471821	1479811	0.90	cps
Krypton	83-1	267	287	210	254	15.63	cps
Lead	206-1	2366455	2355958	2347733	2356715	0.40	cps
Lead	207-1	2141629	2128743	2151329	2140567	0.53	cps
Lead	208-1	9593539	9583024	9533642	9570068	0.33	cps
Lithium	6-1	2320348	2339264	2352322	2337311	0.69	cps
Magnesium	24-2	6513867	6671699	6675393	6620320	1.39	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	189263	190375	191280	190306	0.53	cps
Molybdenum	94-1	6508306	6501872	6476380	6495519	0.26	cps
Molybdenum	95-1	7975356	7884182	7956370	7938636	0.61	cps
Molybdenum	96-1	8865122	8761016	8838946	8821694	0.61	cps
Molybdenum	97-1	5052313	5077846	5041763	5057307	0.37	cps
Molybdenum	98-1	12745838	12710744	12706116	12720899	0.17	cps
Neodymium	150-1	187	220	213	207	8.53	cps
Neodymium	150-2	10	7	0	6	91.64	cps
Nickel	60-2	221966	223406	223073	222815	0.34	cps
Phosphorus	31-2	3117	3334	3159	3203	3.59	cps
Potassium	39-2	1618071	1667728	1609705	1631835	1.92	cps
Rhodium	103-1	8185971	8195562	8238865	8206799	0.34	cps
Rhodium	103-2	2227942	2111877	2118039	2152619	3.03	cps
Scandium	45-1	5825285	5844987	5817699	5829324	0.24	cps
Scandium	45-2	41247	38847	39141	39745	3.29	cps
Selenium	77-2	200	240	210	217	9.61	cps
Selenium	78-2	839	939	913	897	5.79	cps
Selenium	82-1	48793	49160	49238	49063	0.48	cps
Silicon	28-1	2054663	2068601	2073043	2065436	0.46	cps
Silver	109-1	3677855	3635238	3650249	3654448	0.59	cps
Silver	107-1	3873365	3896584	3864758	3878236	0.42	cps
Sodium	23-2	15070299	15332095	15174082	15192158	0.87	cps
Strontium	86-1	1024360	1024099	1026841	1025100	0.15	cps
Strontium	88-1	8880855	8786431	8835740	8834342	0.53	cps
Sulfur	34-1	665103	664752	666472	665442	0.14	cps
Terbium	159-1	11601384	11779525	11743291	11708066	0.80	cps
Terbium	159-2	2349106	2189043	2214502	2250884	3.82	cps
Thallium	203-1	2911988	2849092	2880651	2880577	1.09	cps
Thallium	205-1	6787235	6766588	6749486	6767770	0.28	cps
Tin	118-1	2576643	2574944	2572845	2574811	0.07	cps
Titanium	47-1	2304798	2284978	2326246	2305341	0.90	cps
Uranium	238-1	9282313	9266242	9196047	9248201	0.50	cps
Vanadium	51-2	259296	261444	261643	260794	0.50	cps
Yttrium	89-1	9701000	9633574	9689575	9674716	0.37	cps
Yttrium	89-2	273993	259744	260090	264609	3.07	cps
Zinc	66-2	105229	107594	105625	106149	1.19	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV09	Instrumnet Name :	P8
Client Sample ID :	CCV09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:48:46	DataFile Name :	021CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5567930	5576245	5546105	5563426	0.28	cps
Zirconium	91-1	1225748	1217489	1215244	1219493	0.45	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	8	14	69.31	cps
Antimony	121-1	5351	5468	4734	5185	7.60	cps
Arsenic	75-2	6	2	6	4	49.54	cps
Barium	135-1	92	108	58	86	29.56	cps
Barium	137-1	117	192	192	167	25.98	cps
Beryllium	9-1	250	289	222	254	13.20	cps
Bismuth	209-1	6982472	7046734	7047223	7025476	0.53	cps
Bismuth	209-2	1989161	1975523	1997829	1987504	0.57	cps
Boron	10-1	1984	1967	1742	1897	7.11	cps
Boron	11-1	9012	8303	7786	8367	7.36	cps
Cadmium	111-1	1432	1355	1316	1368	4.33	cps
Cadmium	106-1	2025	1892	1859	1925	4.58	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	683	675	442	600	22.86	cps
Calcium	44-1	20683	21167	20608	20819	1.46	cps
Chromium	52-2	520	350	450	440	19.42	cps
Cobalt	59-2	100	83	103	96	11.21	cps
Copper	63-2	413	350	340	368	10.81	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	3	3	3	3	0.00	cps
Erbium	164-1	25	25	50	33	43.30	cps
Erbium	164-2	7	7	7	7	0.00	cps
Gadolinium	160-1	83	125	67	92	32.78	cps
Gadolinium	160-2	7	10	10	9	21.63	cps
Holmium	165-1	11094644	11177453	11263904	11178667	0.76	cps
Holmium	165-2	2461477	2464126	2425853	2450485	0.87	cps
Indium	115-1	9104291	9157206	9185302	9148933	0.45	cps
Indium	115-2	365391	361979	360925	362765	0.64	cps
Iron	56-2	2800	2828	2634	2754	3.82	cps
Iron	57-2	78	117	72	89	27.25	cps
Krypton	83-1	327	333	313	324	3.14	cps
Lead	206-1	589	572	672	611	8.77	cps
Lead	207-1	506	550	533	530	4.24	cps
Lead	208-1	2289	2406	2506	2400	4.52	cps
Lithium	6-1	2423060	2438903	2395540	2419168	0.91	cps
Magnesium	24-2	342	275	375	331	15.40	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	57	37	57	50	23.09	cps
Molybdenum	94-1	2142	2367	2209	2239	5.16	cps
Molybdenum	95-1	2542	2350	2084	2325	9.90	cps
Molybdenum	96-1	2934	2967	2500	2800	9.30	cps
Molybdenum	97-1	1667	1442	1300	1470	12.58	cps
Molybdenum	98-1	3767	3542	3451	3587	4.54	cps
Neodymium	150-1	7	20	0	9	114.55	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	60	63	90	71	23.12	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	2034	2217	2234	2161	5.14	cps
Rhodium	103-1	8691047	8742108	8661708	8698288	0.47	cps
Rhodium	103-2	2406989	2352729	2389193	2382970	1.16	cps
Scandium	45-1	5840310	5813404	5873236	5842317	0.51	cps
Scandium	45-2	41083	41301	40742	41042	0.69	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	7	4	100.05	cps
Selenium	82-1	-30	-22	-3	-19	-73.87	cps
Silicon	28-1	272998	274143	278813	275318	1.12	cps
Silver	109-1	183	242	267	231	18.55	cps
Silver	107-1	192	283	300	258	22.58	cps
Sodium	23-2	6827	6877	6810	6838	0.51	cps
Strontium	86-1	517	475	375	456	15.98	cps
Strontium	88-1	342	308	242	297	17.13	cps
Sulfur	34-1	398686	402545	403172	401468	0.61	cps
Terbium	159-1	11529028	11630534	11559150	11572904	0.45	cps
Terbium	159-2	2330754	2316525	2312292	2319857	0.42	cps
Thallium	203-1	817	842	1025	895	12.72	cps
Thallium	205-1	1892	2309	2175	2125	10.01	cps
Tin	118-1	2692	2817	2942	2817	4.44	cps
Titanium	47-1	133	167	167	156	12.37	cps
Uranium	238-1	192	142	175	169	15.02	cps
Vanadium	51-2	3	10	3	6	69.34	cps
Yttrium	89-1	9767525	9703105	9761150	9743927	0.36	cps
Yttrium	89-2	273052	271117	271259	271809	0.40	cps
Zinc	66-2	70	67	67	68	2.84	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB09	Instrumnet Name :	P8
Client Sample ID :	CCB09	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:53:17	DataFile Name :	022CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3017	2759	2892	2889	4.47	cps
Zirconium	91-1	550	608	475	544	12.28	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	25	22	21.64	cps
Antimony	121-1	1642	1875	1709	1742	6.90	cps
Arsenic	75-2	4	9	0	4	107.89	cps
Barium	135-1	25	67	17	36	74.18	cps
Barium	137-1	75	117	83	92	24.05	cps
Beryllium	9-1	144	139	133	139	4.00	cps
Bismuth	209-1	7131275	7042475	6968241	7047330	1.16	cps
Bismuth	209-2	1865122	1957533	1971284	1931313	2.99	cps
Boron	10-1	1042	1108	1108	1086	3.54	cps
Boron	11-1	5510	5651	4668	5276	10.08	cps
Cadmium	111-1	1308	1341	1490	1380	7.03	cps
Cadmium	106-1	1842	1892	2125	1953	7.74	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	708	492	558	586	18.93	cps
Calcium	44-1	19765	20474	19306	19848	2.97	cps
Chromium	52-2	457	480	430	456	5.49	cps
Cobalt	59-2	80	103	63	82	24.44	cps
Copper	63-2	383	340	377	367	6.36	cps
Dysprosium	156-1	33	25	33	31	15.75	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	8	58	42	36	70.51	cps
Erbium	164-2	3	13	0	6	124.93	cps
Gadolinium	160-1	83	25	67	58	51.51	cps
Gadolinium	160-2	3	17	7	9	78.08	cps
Holmium	165-1	11137949	11266918	11029513	11144793	1.07	cps
Holmium	165-2	2262092	2388317	2380811	2343740	3.02	cps
Indium	115-1	9207857	9257984	9054626	9173489	1.15	cps
Indium	115-2	333138	355773	354083	347665	3.63	cps
Iron	56-2	1967	2067	1856	1963	5.38	cps
Iron	57-2	33	83	67	61	41.67	cps
Krypton	83-1	300	343	297	313	8.31	cps
Lead	206-1	661	467	489	539	19.75	cps
Lead	207-1	578	450	483	504	13.16	cps
Lead	208-1	2350	2161	2106	2206	5.81	cps
Lithium	6-1	2409667	2440777	2409805	2420083	0.74	cps
Magnesium	24-2	208	358	333	300	26.79	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	33	77	43	51	44.40	cps
Molybdenum	94-1	1233	1292	1508	1345	10.78	cps
Molybdenum	95-1	975	825	908	903	8.32	cps
Molybdenum	96-1	1317	1367	1208	1297	6.24	cps
Molybdenum	97-1	592	633	675	633	6.58	cps
Molybdenum	98-1	1392	1675	1542	1536	9.23	cps
Neodymium	150-1	7	7	7	7	0.00	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	57	73	117	82	37.67	cps
Phosphorus	31-2	0	8	17	8	100.02	cps
Potassium	39-2	2359	2192	2050	2200	7.02	cps
Rhodium	103-1	8667430	8792204	8725123	8728253	0.72	cps
Rhodium	103-2	2195205	2346153	2321435	2287598	3.54	cps
Scandium	45-1	5887914	5843177	5773022	5834705	0.99	cps
Scandium	45-2	37941	40552	39853	39449	3.43	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-2	-37	18	-7	-390.39	cps
Silicon	28-1	275753	274229	273795	274592	0.37	cps
Silver	109-1	50	125	167	114	51.91	cps
Silver	107-1	200	100	175	158	32.87	cps
Sodium	23-2	5918	6093	6110	6040	1.76	cps
Strontium	86-1	517	533	392	481	16.11	cps
Strontium	88-1	208	275	258	247	14.03	cps
Sulfur	34-1	404755	405610	399366	403244	0.84	cps
Terbium	159-1	11579195	11683963	11320888	11528015	1.62	cps
Terbium	159-2	2148666	2280410	2278028	2235701	3.37	cps
Thallium	203-1	617	517	558	564	8.91	cps
Thallium	205-1	1408	1484	1634	1509	7.60	cps
Tin	118-1	2100	5681	1875	3219	66.34	cps
Titanium	47-1	108	83	142	111	26.34	cps
Uranium	238-1	108	83	83	92	15.74	cps
Vanadium	51-2	10	10	13	11	17.30	cps
Yttrium	89-1	9807892	9748116	9635314	9730441	0.90	cps
Yttrium	89-2	252991	268118	267801	262970	3.29	cps
Zinc	66-2	57	77	67	67	15.00	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BL	Instrumnet Name :	P8
Client Sample ID :	PB111011BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:56:37	DataFile Name :	023CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2167	2025	1917	2036	6.16	cps
Zirconium	91-1	550	350	367	422	26.28	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	51979	51712	52464	52052	0.73	cps
Antimony	121-1	3783563	3800891	3848025	3810827	0.88	cps
Arsenic	75-2	38476	37822	38451	38250	0.97	cps
Barium	135-1	4000150	3982785	4037256	4006731	0.69	cps
Barium	137-1	6861070	6876232	6854628	6863977	0.16	cps
Beryllium	9-1	650992	652154	650771	651306	0.11	cps
Bismuth	209-1	7260585	6612065	6970138	6947596	4.68	cps
Bismuth	209-2	1994094	1979416	1973500	1982337	0.53	cps
Boron	10-1	69159	72650	73329	71713	3.12	cps
Boron	11-1	319400	330580	339199	329727	3.01	cps
Cadmium	111-1	813686	814090	812457	813411	0.10	cps
Cadmium	106-1	88197	88372	88867	88479	0.39	cps
Cadmium	108-1	59267	58899	59811	59326	0.77	cps
Calcium	43-1	943388	954131	944239	947253	0.63	cps
Calcium	44-1	15499020	15549818	15445396	15498078	0.34	cps
Chromium	52-2	358126	358417	356604	357716	0.27	cps
Cobalt	59-2	785287	777661	778845	780598	0.53	cps
Copper	63-2	1349898	1349573	1339433	1346301	0.44	cps
Dysprosium	156-1	33	125	33	64	82.84	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	58	50	42	50	16.67	cps
Erbium	164-2	0	3	7	3	100.05	cps
Gadolinium	160-1	75	83	75	78	6.19	cps
Gadolinium	160-2	13	10	3	9	57.30	cps
Holmium	165-1	11643863	10654896	11292377	11197045	4.48	cps
Holmium	165-2	2507041	2490118	2483889	2493682	0.48	cps
Indium	115-1	9315475	8439955	9037423	8930951	5.01	cps
Indium	115-2	363413	360058	357684	360385	0.80	cps
Iron	56-2	12012584	11946967	11953604	11971052	0.30	cps
Iron	57-2	300935	300118	299619	300224	0.22	cps
Krypton	83-1	323	380	380	361	9.06	cps
Lead	206-1	2414728	2449992	2425529	2430083	0.74	cps
Lead	207-1	2184004	2236035	2226312	2215450	1.25	cps
Lead	208-1	9784110	9974064	9865002	9874392	0.97	cps
Lithium	6-1	2469953	2256320	2403999	2376758	4.60	cps
Magnesium	24-2	1387777	1382490	1386165	1385477	0.20	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	194463	194027	195421	194637	0.37	cps
Molybdenum	94-1	6616421	6652167	6664463	6644350	0.38	cps
Molybdenum	95-1	8100887	8209664	8103109	8137887	0.76	cps
Molybdenum	96-1	9112891	9057954	8985543	9052129	0.71	cps
Molybdenum	97-1	5128602	5135320	5148011	5137311	0.19	cps
Molybdenum	98-1	13071885	13059608	12997049	13042847	0.31	cps
Neodymium	150-1	120	147	153	140	12.60	cps
Neodymium	150-2	7	7	7	7	0.00	cps
Nickel	60-2	228868	228906	230159	229311	0.32	cps
Phosphorus	31-2	3351	3184	3401	3312	3.43	cps
Potassium	39-2	330283	327724	326769	328259	0.55	cps
Rhodium	103-1	8819443	7929222	8524257	8424308	5.38	cps
Rhodium	103-2	2351248	2310027	2309214	2323496	1.03	cps
Scandium	45-1	6027453	5531841	5821388	5793561	4.30	cps
Scandium	45-2	41652	41775	41237	41555	0.68	cps
Selenium	77-2	247	257	253	252	2.02	cps
Selenium	78-2	891	863	889	881	1.76	cps
Selenium	82-1	51120	51252	51609	51327	0.49	cps
Silicon	28-1	2104794	2115513	2112378	2110895	0.26	cps
Silver	109-1	3903693	3909450	3885007	3899383	0.33	cps
Silver	107-1	4089482	4112878	4113266	4105209	0.33	cps
Sodium	23-2	3163208	3184503	3149378	3165696	0.56	cps
Strontium	86-1	1055684	1055618	1047667	1052990	0.44	cps
Strontium	88-1	9093481	9093359	9045857	9077565	0.30	cps
Sulfur	34-1	676464	681851	674000	677438	0.59	cps
Terbium	159-1	12041272	10961590	11710308	11571057	4.78	cps
Terbium	159-2	2362133	2390406	2343971	2365503	0.99	cps
Thallium	203-1	2986570	3048732	2978834	3004712	1.28	cps
Thallium	205-1	6958961	7058143	6937085	6984730	0.92	cps
Tin	118-1	2666709	2676730	2712105	2685181	0.89	cps
Titanium	47-1	2388255	2408911	2371803	2389657	0.78	cps
Uranium	238-1	9299617	9372140	9253268	9308342	0.64	cps
Vanadium	51-2	264028	264744	264837	264536	0.17	cps
Yttrium	89-1	10085570	9100318	9697387	9627758	5.15	cps
Yttrium	89-2	278515	278065	275224	277268	0.64	cps
Zinc	66-2	111813	110805	111732	111450	0.50	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB111011BS	Instrumnet Name :	P8
Client Sample ID :	PB111011BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 14:59:57	DataFile Name :	024LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5689385	5645549	5664870	5666601	0.39	cps
Zirconium	91-1	1246367	1248369	1253004	1249247	0.27	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	100	100	100	100	0.01	cps
Antimony	121-1	21677	18246	17354	19092	11.95	cps
Arsenic	75-2	39	41	44	41	6.83	cps
Barium	135-1	74476	73035	73554	73689	0.99	cps
Barium	137-1	130235	130951	132450	131212	0.86	cps
Beryllium	9-1	356	244	344	315	19.44	cps
Bismuth	209-1	6875039	7039207	6961024	6958423	1.18	cps
Bismuth	209-2	1664981	1659313	1655694	1659996	0.28	cps
Boron	10-1	76303	76228	76847	76460	0.44	cps
Boron	11-1	349426	355108	355095	353210	0.93	cps
Cadmium	111-1	1801	1786	1500	1696	10.00	cps
Cadmium	106-1	1800	1800	1575	1725	7.53	cps
Cadmium	108-1	79	46	75	67	27.25	cps
Calcium	43-1	8072811	7930569	7861403	7954928	1.35	cps
Calcium	44-1	132442895	130778974	129511603	130911157	1.12	cps
Chromium	52-2	2477	2404	2070	2317	9.36	cps
Cobalt	59-2	7836	8102	7976	7971	1.67	cps
Copper	63-2	3617	3747	3864	3743	3.30	cps
Dysprosium	156-1	200	175	150	175	14.28	cps
Dysprosium	156-2	17	20	33	23	37.78	cps
Erbium	164-1	92	125	108	108	15.39	cps
Erbium	164-2	20	10	17	16	32.73	cps
Gadolinium	160-1	175	242	175	197	19.52	cps
Gadolinium	160-2	37	47	37	40	14.43	cps
Holmium	165-1	10753548	10921324	10926846	10867239	0.91	cps
Holmium	165-2	2117704	2113925	2104425	2112018	0.32	cps
Indium	115-1	8352295	8296928	8296710	8315311	0.39	cps
Indium	115-2	282138	280705	277435	280093	0.86	cps
Iron	56-2	5393853	5357682	5272501	5341345	1.17	cps
Iron	57-2	132131	131896	133332	132453	0.58	cps
Krypton	83-1	443	347	373	388	12.87	cps
Lead	206-1	6274	5374	4912	5520	12.55	cps
Lead	207-1	5240	4968	4451	4886	8.20	cps
Lead	208-1	24710	21641	20263	22205	10.25	cps
Lithium	6-1	2279751	2297533	2277385	2284890	0.48	cps
Magnesium	24-2	1118176	1130310	1102072	1116853	1.27	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	267708	265408	262686	265267	0.95	cps
Molybdenum	94-1	7119	6460	5310	6296	14.54	cps
Molybdenum	95-1	5868	5001	4451	5107	13.99	cps
Molybdenum	96-1	7361	6093	5451	6302	15.42	cps
Molybdenum	97-1	3734	3017	3176	3309	11.38	cps
Molybdenum	98-1	8795	7703	7144	7880	10.66	cps
Neodymium	150-1	193	213	160	189	14.26	cps
Neodymium	150-2	20	27	10	19	44.42	cps
Nickel	60-2	24933	25373	24963	25089	0.98	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	27595	27528	27386	27503	0.39	cps
Rhodium	103-1	7482419	7620984	7567855	7557086	0.93	cps
Rhodium	103-2	1907409	1888573	1884730	1893570	0.64	cps
Scandium	45-1	4981774	4968914	4979713	4976801	0.14	cps
Scandium	45-2	28696	28352	28445	28498	0.62	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	554	702	685	647	12.47	cps
Silicon	28-1	21946983	21604384	21295260	21615542	1.51	cps
Silver	109-1	9204	8420	6427	8017	17.86	cps
Silver	107-1	10755	8695	7302	8917	19.48	cps
Sodium	23-2	6306979	6273758	6233610	6271449	0.59	cps
Strontium	86-1	5250710	5248500	5225518	5241576	0.27	cps
Strontium	88-1	45410550	45180383	44931972	45174302	0.53	cps
Sulfur	34-1	6470957	6385279	6280142	6378792	1.50	cps
Terbium	159-1	11040370	11180981	11203539	11141630	0.79	cps
Terbium	159-2	1997403	2012785	2016944	2009044	0.51	cps
Thallium	203-1	6944	5126	4026	5365	27.47	cps
Thallium	205-1	16195	11689	8778	12221	30.58	cps
Tin	118-1	24849	24231	25392	24824	2.34	cps
Titanium	47-1	93271	98335	94387	95331	2.79	cps
Uranium	238-1	94399	97204	99656	97086	2.71	cps
Vanadium	51-2	1043	943	1033	1007	5.47	cps
Yttrium	89-1	8675907	8723074	8634215	8677732	0.51	cps
Yttrium	89-2	206959	205384	204304	205549	0.65	cps
Zinc	66-2	963	1000	1040	1001	3.83	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3808-19	Instrumnet Name :	P8
Client Sample ID :	WP021IW454-180628	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:03:08	DataFile Name :	025SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	10746	9195	7803	9248	15.92	cps
Zirconium	91-1	2475	2092	1759	2109	17.01	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	8	8	22	108.27	cps
Antimony	121-1	6193	6302	6268	6255	0.89	cps
Arsenic	75-2	3008	2778	2937	2908	4.05	cps
Barium	135-1	56680	54856	56539	56025	1.81	cps
Barium	137-1	98407	97936	99691	98678	0.92	cps
Beryllium	9-1	233	211	194	213	9.16	cps
Bismuth	209-1	7281974	7489276	7443981	7405077	1.47	cps
Bismuth	209-2	1767140	1805132	1758287	1776853	1.40	cps
Boron	10-1	6660	6468	6727	6618	2.03	cps
Boron	11-1	30458	28145	27577	28727	5.31	cps
Cadmium	111-1	1189	1330	1231	1250	5.79	cps
Cadmium	106-1	1634	1750	1659	1681	3.66	cps
Cadmium	108-1	42	17	25	28	45.82	cps
Calcium	43-1	1092387	1096209	1095821	1094806	0.19	cps
Calcium	44-1	17942088	17821798	17883894	17882593	0.34	cps
Chromium	52-2	713	713	637	688	6.44	cps
Cobalt	59-2	290	330	373	331	12.59	cps
Copper	63-2	2454	2667	2770	2630	6.14	cps
Dysprosium	156-1	83	125	125	111	21.65	cps
Dysprosium	156-2	23	13	33	23	42.86	cps
Erbium	164-1	200	150	183	178	14.32	cps
Erbium	164-2	43	33	20	32	36.33	cps
Gadolinium	160-1	175	158	150	161	7.90	cps
Gadolinium	160-2	30	60	30	40	43.30	cps
Holmium	165-1	11016311	11287395	11371159	11224955	1.65	cps
Holmium	165-2	2083065	2118531	2117905	2106500	0.96	cps
Indium	115-1	8430021	8559562	8657219	8548934	1.33	cps
Indium	115-2	275340	282968	277373	278560	1.42	cps
Iron	56-2	10238906	10138215	10152478	10176533	0.54	cps
Iron	57-2	257100	255113	256441	256218	0.40	cps
Krypton	83-1	250	283	293	276	8.23	cps
Lead	206-1	1972	1934	1917	1941	1.47	cps
Lead	207-1	1895	1822	1861	1859	1.94	cps
Lead	208-1	7973	8001	7707	7894	2.06	cps
Lithium	6-1	2349210	2429697	2405546	2394818	1.72	cps
Magnesium	24-2	156841	158119	155366	156775	0.88	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	361517	357406	357605	358843	0.65	cps
Molybdenum	94-1	2650	2617	2517	2595	2.67	cps
Molybdenum	95-1	2717	2892	2700	2770	3.83	cps
Molybdenum	96-1	3642	3159	3517	3439	7.30	cps
Molybdenum	97-1	1850	1917	1592	1786	9.61	cps
Molybdenum	98-1	4659	4426	4426	4504	2.99	cps
Neodymium	150-1	107	93	120	107	12.50	cps
Neodymium	150-2	10	10	10	10	0.00	cps
Nickel	60-2	247	180	200	209	16.38	cps
Phosphorus	31-2	25	0	17	14	91.65	cps
Potassium	39-2	38972	39130	38178	38760	1.32	cps
Rhodium	103-1	7795275	7989541	7964263	7916360	1.33	cps
Rhodium	103-2	1920072	1980758	1944342	1948390	1.57	cps
Scandium	45-1	4807249	4887891	4909593	4868245	1.11	cps
Scandium	45-2	26599	28426	27500	27508	3.32	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	4	0	1	173.21	cps
Selenium	82-1	77	48	30	52	46.09	cps
Silicon	28-1	30280054	30227472	30130812	30212779	0.25	cps
Silver	109-1	2642	2150	2025	2273	14.35	cps
Silver	107-1	2309	2225	2400	2311	3.79	cps
Sodium	23-2	177401	176936	175949	176762	0.42	cps
Strontium	86-1	418957	424670	420208	421278	0.71	cps
Strontium	88-1	3659601	3619998	3665489	3648363	0.68	cps
Sulfur	34-1	325872	324307	322701	324294	0.49	cps
Terbium	159-1	11270800	11619473	11685951	11525408	1.93	cps
Terbium	159-2	1999634	2020190	2023033	2014286	0.63	cps
Thallium	203-1	642	792	675	703	11.21	cps
Thallium	205-1	1492	1408	1650	1517	8.09	cps
Tin	118-1	14074	13482	14266	13941	2.93	cps
Titanium	47-1	875	950	875	900	4.81	cps
Uranium	238-1	1584	1867	1609	1686	9.30	cps
Vanadium	51-2	77	90	93	87	10.18	cps
Yttrium	89-1	8602197	8801693	8831889	8745260	1.43	cps
Yttrium	89-2	200015	205976	201898	202630	1.50	cps
Zinc	66-2	660	637	777	691	10.85	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:06:28	DataFile Name :	026SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2950	3334	2609	2964	12.24	cps
Zirconium	91-1	783	667	842	764	11.66	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	5268	4959	5085	5104	3.04	cps
Arsenic	75-2	2789	2734	2695	2739	1.73	cps
Barium	135-1	52421	54011	53400	53278	1.51	cps
Barium	137-1	94277	94252	92934	93821	0.82	cps
Beryllium	9-1	172	156	106	144	24.02	cps
Bismuth	209-1	7335225	6736949	7358749	7143641	4.93	cps
Bismuth	209-2	1739760	1719554	1690143	1716486	1.45	cps
Boron	10-1	4426	4543	4209	4393	3.85	cps
Boron	11-1	19564	19873	18872	19436	2.64	cps
Cadmium	111-1	1318	1081	1268	1222	10.21	cps
Cadmium	106-1	1784	1467	1725	1659	10.16	cps
Cadmium	108-1	8	0	33	14	124.91	cps
Calcium	43-1	1047719	1036039	1031477	1038412	0.81	cps
Calcium	44-1	17176109	17013001	16880216	17023109	0.87	cps
Chromium	52-2	623	580	557	587	5.77	cps
Cobalt	59-2	360	320	330	337	6.18	cps
Copper	63-2	5344	5198	5231	5258	1.46	cps
Dysprosium	156-1	192	217	175	194	10.79	cps
Dysprosium	156-2	40	37	53	43	20.34	cps
Erbium	164-1	308	300	367	325	11.18	cps
Erbium	164-2	53	43	47	48	10.66	cps
Gadolinium	160-1	317	342	258	306	14.00	cps
Gadolinium	160-2	27	70	70	56	45.03	cps
Holmium	165-1	11134418	10234579	11043412	10804136	4.58	cps
Holmium	165-2	2094425	2084052	2084158	2087545	0.29	cps
Indium	115-1	8403691	7697814	8372481	8157995	4.89	cps
Indium	115-2	274164	273044	272756	273322	0.27	cps
Iron	56-2	9850715	9839577	9863771	9851354	0.12	cps
Iron	57-2	245793	252560	248101	248818	1.38	cps
Krypton	83-1	320	323	357	333	6.08	cps
Lead	206-1	2989	3134	2912	3012	3.75	cps
Lead	207-1	2745	2695	2867	2769	3.20	cps
Lead	208-1	12091	12280	12353	12242	1.10	cps
Lithium	6-1	2372785	2223369	2411043	2335732	4.25	cps
Magnesium	24-2	152251	150017	154042	152103	1.33	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	351287	352018	350112	351139	0.27	cps
Molybdenum	94-1	2375	2167	2317	2286	4.70	cps
Molybdenum	95-1	2050	2009	2167	2075	3.96	cps
Molybdenum	96-1	2675	2709	2567	2650	2.79	cps
Molybdenum	97-1	1375	1350	1325	1350	1.85	cps
Molybdenum	98-1	3384	3176	2659	3073	12.15	cps
Neodymium	150-1	200	220	147	189	20.07	cps
Neodymium	150-2	23	27	23	24	7.89	cps
Nickel	60-2	2084	2344	2164	2197	6.06	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	37251	36908	36582	36914	0.91	cps
Rhodium	103-1	7764918	7147144	7832384	7581482	4.98	cps
Rhodium	103-2	1942145	1928850	1904057	1925017	1.00	cps
Scandium	45-1	4842963	4426598	4795229	4688264	4.86	cps
Scandium	45-2	27083	27160	27754	27332	1.34	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	39	-18	-33	-4	-929.42	cps
Silicon	28-1	29151559	29032499	28632337	28938798	0.94	cps
Silver	109-1	1417	1317	1267	1333	5.73	cps
Silver	107-1	1675	1358	1217	1417	16.57	cps
Sodium	23-2	164145	162796	165306	164082	0.77	cps
Strontium	86-1	400050	399677	398873	399533	0.15	cps
Strontium	88-1	3467940	3487077	3466630	3473882	0.33	cps
Sulfur	34-1	313075	314356	308151	311861	1.05	cps
Terbium	159-1	11490593	10456061	11414640	11120431	5.19	cps
Terbium	159-2	1984208	2006588	1966465	1985754	1.01	cps
Thallium	203-1	325	425	408	386	13.88	cps
Thallium	205-1	1033	933	875	947	8.45	cps
Tin	118-1	12064	13049	12898	12670	4.18	cps
Titanium	47-1	917	1017	783	906	12.93	cps
Uranium	238-1	1333	1392	1350	1358	2.21	cps
Vanadium	51-2	83	80	80	81	2.38	cps
Yttrium	89-1	8613582	7911968	8711791	8412447	5.19	cps
Yttrium	89-2	198129	198080	196860	197690	0.36	cps
Zinc	66-2	1170	1310	1263	1248	5.71	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:09:47	DataFile Name :	027SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2784	2592	2625	2667	3.84	cps
Zirconium	91-1	667	717	700	694	3.67	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	42	36	13.33	cps
Antimony	121-1	4868	5010	5635	5171	7.89	cps
Arsenic	75-2	24	33	44	34	30.04	cps
Barium	135-1	18080	18355	18071	18169	0.89	cps
Barium	137-1	31480	30595	31539	31205	1.70	cps
Beryllium	9-1	156	161	172	163	5.21	cps
Bismuth	209-1	7564762	7465096	7244242	7424700	2.21	cps
Bismuth	209-2	1706814	1694623	1689371	1696936	0.53	cps
Boron	10-1	4142	3942	3709	3931	5.52	cps
Boron	11-1	17128	17453	18029	17536	2.60	cps
Cadmium	111-1	1306	1398	1269	1324	5.01	cps
Cadmium	106-1	1792	1859	1759	1803	2.82	cps
Cadmium	108-1	4	17	29	17	74.99	cps
Calcium	43-1	502664	503118	504297	503360	0.17	cps
Calcium	44-1	8220397	8167458	8243220	8210358	0.47	cps
Chromium	52-2	537	493	517	516	4.21	cps
Cobalt	59-2	3257	3204	3424	3295	3.48	cps
Copper	63-2	2930	3047	2894	2957	2.71	cps
Dysprosium	156-1	92	75	100	89	14.33	cps
Dysprosium	156-2	10	20	0	10	100.00	cps
Erbium	164-1	58	92	92	81	23.89	cps
Erbium	164-2	13	7	10	10	33.30	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	20	20	20	20	0.00	cps
Holmium	165-1	11471285	11315496	11045290	11277357	1.91	cps
Holmium	165-2	2087297	2107172	2083157	2092542	0.61	cps
Indium	115-1	8581619	8629602	8326894	8512705	1.91	cps
Indium	115-2	271491	269019	270414	270308	0.46	cps
Iron	56-2	16238	15770	15520	15843	2.30	cps
Iron	57-2	394	433	444	424	6.19	cps
Krypton	83-1	287	287	347	307	11.30	cps
Lead	206-1	12028	12056	12501	12195	2.17	cps
Lead	207-1	10060	10488	10749	10432	3.34	cps
Lead	208-1	47325	48438	48431	48065	1.33	cps
Lithium	6-1	2419587	2426827	2393981	2413465	0.72	cps
Magnesium	24-2	160225	161491	158676	160131	0.88	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	786882	787230	782008	785373	0.37	cps
Molybdenum	94-1	1492	1408	1433	1445	2.96	cps
Molybdenum	95-1	1408	1450	1559	1472	5.26	cps
Molybdenum	96-1	1608	1734	1567	1636	5.30	cps
Molybdenum	97-1	883	858	950	897	5.28	cps
Molybdenum	98-1	2175	2300	2334	2270	3.68	cps
Neodymium	150-1	40	53	133	76	66.81	cps
Neodymium	150-2	3	17	3	8	99.04	cps
Nickel	60-2	1420	1443	1433	1432	0.82	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	25641	24255	24239	24712	3.26	cps
Rhodium	103-1	7960201	7996903	7658982	7872029	2.36	cps
Rhodium	103-2	1904523	1922128	1928344	1918332	0.64	cps
Scandium	45-1	4890723	4897513	4745867	4844701	1.77	cps
Scandium	45-2	26652	27507	27093	27084	1.58	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	32	18	-79	-10	-631.48	cps
Silicon	28-1	27210970	27137558	27191983	27180170	0.14	cps
Silver	109-1	1175	1092	1267	1178	7.43	cps
Silver	107-1	1092	1175	1225	1164	5.79	cps
Sodium	23-2	196631	197054	194612	196099	0.67	cps
Strontium	86-1	309125	309728	313400	310751	0.74	cps
Strontium	88-1	2697184	2711569	2726726	2711827	0.54	cps
Sulfur	34-1	333663	329458	330472	331198	0.66	cps
Terbium	159-1	11655270	11649807	11193383	11499487	2.31	cps
Terbium	159-2	1993456	1981332	1966958	1980582	0.67	cps
Thallium	203-1	258	350	317	308	15.05	cps
Thallium	205-1	708	608	775	697	12.03	cps
Tin	118-1	12606	12148	12857	12537	2.87	cps
Titanium	47-1	667	650	675	664	1.92	cps
Uranium	238-1	3109	2900	2984	2998	3.50	cps
Vanadium	51-2	20	63	27	37	63.63	cps
Yttrium	89-1	8798464	8785825	8549111	8711133	1.61	cps
Yttrium	89-2	197445	198098	195261	196935	0.75	cps
Zinc	66-2	600	637	547	594	7.61	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:13:06	DataFile Name :	028SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1617	1950	1792	9.34	cps
Zirconium	91-1	542	458	350	450	21.36	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	42	17	28	45.82	cps
Antimony	121-1	5918	5026	5952	5632	9.32	cps
Arsenic	75-2	41	37	48	42	13.48	cps
Barium	135-1	18539	18222	18906	18555	1.85	cps
Barium	137-1	31906	32842	31522	32090	2.12	cps
Beryllium	9-1	422	333	422	393	13.07	cps
Bismuth	209-1	7230369	7219084	7354645	7268033	1.03	cps
Bismuth	209-2	1670972	1595171	1619096	1628413	2.38	cps
Boron	10-1	3559	3676	3809	3681	3.40	cps
Boron	11-1	16994	16911	16602	16836	1.23	cps
Cadmium	111-1	1308	1268	1413	1330	5.63	cps
Cadmium	106-1	1567	1567	1717	1617	5.36	cps
Cadmium	108-1	25	29	38	31	20.83	cps
Calcium	43-1	508733	507121	510759	508871	0.36	cps
Calcium	44-1	8311238	8351534	8396140	8352971	0.51	cps
Chromium	52-2	560	637	547	581	8.36	cps
Cobalt	59-2	3574	3591	3494	3553	1.45	cps
Copper	63-2	2984	2977	2560	2840	8.54	cps
Dysprosium	156-1	50	42	117	69	59.19	cps
Dysprosium	156-2	7	10	13	10	33.30	cps
Erbium	164-1	108	100	108	106	4.56	cps
Erbium	164-2	3	17	13	11	62.48	cps
Gadolinium	160-1	117	117	42	92	47.24	cps
Gadolinium	160-2	27	30	13	23	37.81	cps
Holmium	165-1	10919233	10975503	11138871	11011202	1.04	cps
Holmium	165-2	2026177	1987727	1967535	1993813	1.49	cps
Indium	115-1	8342994	8294221	8426000	8354405	0.80	cps
Indium	115-2	268775	254825	260027	261209	2.70	cps
Iron	56-2	15264	15759	15609	15544	1.63	cps
Iron	57-2	461	478	394	444	9.92	cps
Krypton	83-1	303	267	260	277	8.43	cps
Lead	206-1	2284	2456	2450	2397	4.08	cps
Lead	207-1	2134	2139	2034	2102	2.83	cps
Lead	208-1	9429	9802	9668	9633	1.96	cps
Lithium	6-1	2357545	2364791	2385306	2369214	0.61	cps
Magnesium	24-2	161229	162383	163606	162406	0.73	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	791629	786954	792287	790290	0.37	cps
Molybdenum	94-1	1625	1550	1375	1517	8.46	cps
Molybdenum	95-1	1534	1525	1759	1606	8.25	cps
Molybdenum	96-1	1917	2000	1842	1920	4.13	cps
Molybdenum	97-1	967	875	1117	986	12.37	cps
Molybdenum	98-1	2625	2559	2625	2603	1.48	cps
Neodymium	150-1	73	40	73	62	30.93	cps
Neodymium	150-2	3	13	7	8	65.47	cps
Nickel	60-2	1490	1433	1607	1510	5.85	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	24481	25774	25332	25196	2.61	cps
Rhodium	103-1	7761071	7827380	7822161	7803537	0.47	cps
Rhodium	103-2	1890738	1818348	1820455	1843180	2.24	cps
Scandium	45-1	4765993	4757168	4754389	4759183	0.13	cps
Scandium	45-2	26569	25483	26325	26126	2.18	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-3	74	45	39	101.39	cps
Silicon	28-1	27440690	27627282	27509360	27525777	0.34	cps
Silver	109-1	717	850	942	836	13.53	cps
Silver	107-1	758	892	858	836	8.30	cps
Sodium	23-2	198195	197352	197112	197553	0.29	cps
Strontium	86-1	310645	315291	315277	313737	0.85	cps
Strontium	88-1	2734290	2739680	2737305	2737092	0.10	cps
Sulfur	34-1	330050	330065	331520	330545	0.26	cps
Terbium	159-1	11234052	11400529	11347804	11327461	0.75	cps
Terbium	159-2	1948503	1862841	1861238	1890861	2.64	cps
Thallium	203-1	1383	1158	1175	1239	10.12	cps
Thallium	205-1	2859	3059	2775	2898	5.03	cps
Tin	118-1	10813	10913	11280	11002	2.24	cps
Titanium	47-1	642	617	758	672	11.25	cps
Uranium	238-1	7211	8045	7436	7564	5.70	cps
Vanadium	51-2	60	63	87	70	20.76	cps
Yttrium	89-1	8522122	8587615	8682475	8597404	0.94	cps
Yttrium	89-2	194014	186276	185971	188754	2.41	cps
Zinc	66-2	577	687	623	629	8.78	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:16:26	DataFile Name :	029SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1734	1784	1834	1784	2.80	cps
Zirconium	91-1	383	325	417	375	12.37	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	8	25	17	50.01	cps
Antimony	121-1	1250	1250	1325	1275	3.40	cps
Arsenic	75-2	9	9	6	8	26.61	cps
Barium	135-1	3517	4276	3634	3809	10.72	cps
Barium	137-1	6710	6694	6827	6744	1.08	cps
Beryllium	9-1	189	172	200	187	7.48	cps
Bismuth	209-1	7651653	7641800	7684243	7659232	0.29	cps
Bismuth	209-2	1711728	1893067	1882233	1829010	5.56	cps
Boron	10-1	1700	1617	1817	1711	5.87	cps
Boron	11-1	7235	7636	7594	7488	2.94	cps
Cadmium	111-1	1224	1401	1306	1310	6.73	cps
Cadmium	106-1	1659	1900	1767	1775	6.82	cps
Cadmium	108-1	17	13	8	13	33.36	cps
Calcium	43-1	108727	108441	106343	107837	1.21	cps
Calcium	44-1	1827520	1810237	1826636	1821464	0.53	cps
Chromium	52-2	433	440	450	441	1.90	cps
Cobalt	59-2	743	813	757	771	4.82	cps
Copper	63-2	1230	1357	1250	1279	5.32	cps
Dysprosium	156-1	50	58	33	47	26.97	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	33	33	42	36	13.33	cps
Erbium	164-2	13	3	3	7	86.65	cps
Gadolinium	160-1	100	67	83	83	20.00	cps
Gadolinium	160-2	3	23	13	13	75.02	cps
Holmium	165-1	11525059	11578394	11817363	11640272	1.34	cps
Holmium	165-2	2067293	2255862	2248710	2190622	4.88	cps
Indium	115-1	8961989	8994423	9058387	9004933	0.54	cps
Indium	115-2	281834	302826	302552	295737	4.07	cps
Iron	56-2	4473	4479	4673	4542	2.51	cps
Iron	57-2	189	133	144	156	18.90	cps
Krypton	83-1	357	280	287	308	13.80	cps
Lead	206-1	628	517	533	559	10.72	cps
Lead	207-1	517	656	517	563	14.24	cps
Lead	208-1	2639	2478	2356	2491	5.71	cps
Lithium	6-1	2223776	2240700	2253804	2239427	0.67	cps
Magnesium	24-2	36390	35905	35763	36019	0.91	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	175918	175956	174217	175364	0.57	cps
Molybdenum	94-1	767	608	608	661	13.83	cps
Molybdenum	95-1	475	533	517	508	5.91	cps
Molybdenum	96-1	708	742	683	711	4.12	cps
Molybdenum	97-1	367	367	367	367	0.00	cps
Molybdenum	98-1	850	825	983	886	9.61	cps
Neodymium	150-1	20	33	27	27	25.01	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	373	397	447	406	9.24	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	6860	6719	6677	6752	1.42	cps
Rhodium	103-1	8422500	8475318	8545485	8481101	0.73	cps
Rhodium	103-2	1916772	2111507	2113578	2047286	5.52	cps
Scandium	45-1	5261423	5208883	5243982	5238096	0.51	cps
Scandium	45-2	28813	29949	30884	29882	3.47	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-80	10	-9	-26	-180.87	cps
Silicon	28-1	6135555	6152901	6057576	6115344	0.83	cps
Silver	109-1	558	550	500	536	5.89	cps
Silver	107-1	458	633	508	533	16.90	cps
Sodium	23-2	46644	48074	46318	47012	1.99	cps
Strontium	86-1	64796	67141	66663	66200	1.87	cps
Strontium	88-1	560494	566604	565533	564210	0.58	cps
Sulfur	34-1	331907	333292	332649	332616	0.21	cps
Terbium	159-1	11998368	12086634	12075618	12053540	0.40	cps
Terbium	159-2	1977800	2116766	2122167	2072244	3.95	cps
Thallium	203-1	208	250	142	200	27.33	cps
Thallium	205-1	592	492	433	506	15.84	cps
Tin	118-1	2659	2467	2492	2539	4.10	cps
Titanium	47-1	242	200	167	203	18.53	cps
Uranium	238-1	1917	1875	1492	1761	13.30	cps
Vanadium	51-2	20	20	27	22	17.33	cps
Yttrium	89-1	9230039	9241657	9371388	9281028	0.85	cps
Yttrium	89-2	205161	221491	218058	214903	4.01	cps
Zinc	66-2	207	183	187	192	6.56	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 15:19:46	DataFile Name :	030SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	783	725	1025	845	18.84	cps
Zirconium	91-1	167	175	150	164	7.77	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31035	30726	30417	30726	1.01	cps
Antimony	121-1	3386777	3399989	3439928	3408898	0.81	cps
Arsenic	75-2	26383	26427	26206	26339	0.44	cps
Barium	135-1	3483969	3508235	3519866	3504023	0.52	cps
Barium	137-1	6011942	6032438	6095539	6046640	0.72	cps
Beryllium	9-1	512939	515286	515124	514450	0.25	cps
Bismuth	209-1	7191397	6707473	7140806	7013225	3.79	cps
Bismuth	209-2	1616607	1621442	1622405	1620151	0.19	cps
Boron	10-1	54144	57994	59097	57078	4.56	cps
Boron	11-1	245929	256247	262270	254815	3.24	cps
Cadmium	111-1	707542	716643	719828	714671	0.89	cps
Cadmium	106-1	76400	76887	76692	76660	0.32	cps
Cadmium	108-1	49428	51235	51059	50574	1.97	cps
Calcium	43-1	1254904	1263180	1264945	1261010	0.43	cps
Calcium	44-1	20091933	20296838	20345328	20244700	0.66	cps
Chromium	52-2	247120	247805	247424	247449	0.14	cps
Cobalt	59-2	565210	566210	563443	564954	0.25	cps
Copper	63-2	971043	967634	969188	969288	0.18	cps
Dysprosium	156-1	158	133	158	150	9.62	cps
Dysprosium	156-2	13	13	3	10	57.75	cps
Erbium	164-1	67	83	125	92	32.78	cps
Erbium	164-2	13	10	7	10	33.30	cps
Gadolinium	160-1	100	92	83	92	9.09	cps
Gadolinium	160-2	10	13	17	13	25.01	cps
Holmium	165-1	10995238	10491494	10998589	10828440	2.69	cps
Holmium	165-2	2034061	2046002	2050836	2043633	0.42	cps
Indium	115-1	8160804	7704495	8237246	8034182	3.59	cps
Indium	115-2	258233	259485	258232	258650	0.28	cps
Iron	56-2	7976682	7959848	7982043	7972858	0.15	cps
Iron	57-2	199484	199620	200740	199948	0.34	cps
Krypton	83-1	257	337	343	312	15.45	cps
Lead	206-1	2430854	2457572	2469036	2452487	0.80	cps
Lead	207-1	2151874	2172512	2164871	2163086	0.48	cps
Lead	208-1	9717934	9835874	9862893	9805567	0.79	cps
Lithium	6-1	2311024	2270696	2323971	2301897	1.21	cps
Magnesium	24-2	1039295	1046003	1041388	1042229	0.33	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	893283	894054	895243	894193	0.11	cps
Molybdenum	94-1	5622694	5711228	5664301	5666074	0.78	cps
Molybdenum	95-1	6781865	6928524	6859821	6856737	1.07	cps
Molybdenum	96-1	7581408	7649987	7676562	7635986	0.64	cps
Molybdenum	97-1	4334012	4348413	4389997	4357474	0.67	cps
Molybdenum	98-1	10928879	10979733	10977535	10962049	0.26	cps
Neodymium	150-1	200	213	180	198	8.48	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	168627	169889	168715	169077	0.42	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	216288	213494	214155	214646	0.68	cps
Rhodium	103-1	7658939	7162500	7610707	7477382	3.66	cps
Rhodium	103-2	1860546	1849103	1850702	1853450	0.33	cps
Scandium	45-1	4788725	4476740	4715159	4660208	3.50	cps
Scandium	45-2	26752	27126	26976	26952	0.70	cps
Selenium	77-2	200	170	207	192	10.16	cps
Selenium	78-2	520	580	576	559	5.94	cps
Selenium	82-1	43197	43938	43385	43507	0.89	cps
Silicon	28-1	28455843	28408170	28344129	28402714	0.20	cps
Silver	109-1	2741966	2807924	2786477	2778789	1.21	cps
Silver	107-1	2911900	2934255	2945411	2930522	0.58	cps
Sodium	23-2	2310900	2314572	2292905	2306126	0.50	cps
Strontium	86-1	1193109	1199635	1215560	1202768	0.96	cps
Strontium	88-1	10291365	10424053	10409921	10375113	0.70	cps
Sulfur	34-1	334991	334294	331327	333537	0.58	cps
Terbium	159-1	11310598	10728892	11313604	11117698	3.03	cps
Terbium	159-2	1910845	1929570	1915676	1918697	0.51	cps
Thallium	203-1	3001085	3022008	3005046	3009380	0.37	cps
Thallium	205-1	7015782	7003766	7117327	7045625	0.89	cps
Tin	118-1	2216217	2229875	2260206	2235433	1.01	cps
Titanium	47-1	1811496	1798782	1830050	1813443	0.87	cps
Uranium	238-1	9705635	9858289	9868098	9810674	0.93	cps
Vanadium	51-2	179051	178494	179499	179015	0.28	cps
Yttrium	89-1	8623499	8109076	8578548	8437041	3.38	cps
Yttrium	89-2	191222	192275	192461	191986	0.35	cps
Zinc	66-2	73610	73611	74981	74067	1.07	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:23:05	DataFile Name :	031SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4862349	4913175	4918290	4897938	0.63	cps
Zirconium	91-1	1076321	1079048	1085825	1080398	0.45	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	31043	32572	30475	31363	3.46	cps
Antimony	121-1	3521610	3565265	3541174	3542683	0.62	cps
Arsenic	75-2	26919	26770	26923	26871	0.32	cps
Barium	135-1	3610957	3644986	3630720	3628887	0.47	cps
Barium	137-1	6195461	6269251	6241615	6235442	0.60	cps
Beryllium	9-1	531140	529315	537108	532521	0.77	cps
Bismuth	209-1	7193377	7237836	7169781	7200331	0.48	cps
Bismuth	209-2	1641839	1525960	1629483	1599094	3.98	cps
Boron	10-1	58629	61868	62386	60961	3.34	cps
Boron	11-1	259039	267281	275353	267224	3.05	cps
Cadmium	111-1	731692	734139	739715	735182	0.56	cps
Cadmium	106-1	80021	78687	79752	79487	0.89	cps
Cadmium	108-1	52582	53021	52674	52759	0.44	cps
Calcium	43-1	1270944	1279540	1294082	1281522	0.91	cps
Calcium	44-1	20702450	20767486	20885061	20784999	0.45	cps
Chromium	52-2	256573	256698	256823	256698	0.05	cps
Cobalt	59-2	581337	582903	584229	582823	0.25	cps
Copper	63-2	996830	996741	1000199	997924	0.20	cps
Dysprosium	156-1	117	108	117	114	4.22	cps
Dysprosium	156-2	3	13	10	9	57.30	cps
Erbium	164-1	58	83	92	78	22.30	cps
Erbium	164-2	10	3	10	8	49.52	cps
Gadolinium	160-1	92	158	158	136	28.28	cps
Gadolinium	160-2	30	20	10	20	50.00	cps
Holmium	165-1	11168130	11208399	11204328	11193619	0.20	cps
Holmium	165-2	2048289	1921879	2055072	2008413	3.74	cps
Indium	115-1	8250928	8274478	8372464	8299290	0.78	cps
Indium	115-2	261853	243403	257378	254212	3.79	cps
Iron	56-2	8256162	8199091	8111595	8188949	0.89	cps
Iron	57-2	206602	205560	207386	206516	0.44	cps
Krypton	83-1	353	343	300	332	8.53	cps
Lead	206-1	2496381	2517600	2526910	2513630	0.62	cps
Lead	207-1	2193378	2226223	2241583	2220395	1.11	cps
Lead	208-1	10014236	10043956	10112996	10057063	0.50	cps
Lithium	6-1	2338891	2355965	2380595	2358484	0.89	cps
Magnesium	24-2	1074019	1065749	1064660	1068143	0.48	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	929554	921944	925965	925821	0.41	cps
Molybdenum	94-1	5837709	5830159	5849532	5839134	0.17	cps
Molybdenum	95-1	7034730	7047680	7084158	7055522	0.36	cps
Molybdenum	96-1	7735919	7882537	7842091	7820183	0.97	cps
Molybdenum	97-1	4482728	4510133	4518701	4503854	0.42	cps
Molybdenum	98-1	11272814	11397461	11450574	11373616	0.80	cps
Neodymium	150-1	160	220	267	216	24.81	cps
Neodymium	150-2	17	3	13	11	62.48	cps
Nickel	60-2	175571	173455	174586	174537	0.61	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	221211	221761	222635	221869	0.32	cps
Rhodium	103-1	7723909	7807459	7720887	7750752	0.63	cps
Rhodium	103-2	1855903	1756811	1843922	1818879	2.97	cps
Scandium	45-1	4833013	4826068	4827981	4829021	0.07	cps
Scandium	45-2	26812	24859	26542	26071	4.06	cps
Selenium	77-2	143	170	203	172	17.45	cps
Selenium	78-2	604	607	585	599	1.99	cps
Selenium	82-1	44623	45045	45333	45000	0.79	cps
Silicon	28-1	29007556	29075249	29277734	29120179	0.48	cps
Silver	109-1	2868872	2880743	2899529	2883048	0.54	cps
Silver	107-1	2995782	3017317	3001564	3004888	0.37	cps
Sodium	23-2	2311090	2303814	2289339	2301414	0.48	cps
Strontium	86-1	1244885	1239282	1245430	1243199	0.27	cps
Strontium	88-1	10578374	10634109	10729792	10647425	0.72	cps
Sulfur	34-1	328102	329844	330839	329595	0.42	cps
Terbium	159-1	11378127	11518045	11569619	11488597	0.86	cps
Terbium	159-2	1967758	1824584	1934188	1908844	3.92	cps
Thallium	203-1	3061931	3065671	3119958	3082520	1.05	cps
Thallium	205-1	7227574	7296619	7315459	7279884	0.64	cps
Tin	118-1	2281198	2293957	2326626	2300594	1.02	cps
Titanium	47-1	1865751	1864892	1892843	1874495	0.85	cps
Uranium	238-1	10064987	10075385	10064931	10068435	0.06	cps
Vanadium	51-2	186733	185139	183089	184987	0.99	cps
Yttrium	89-1	8610576	8711609	8740136	8687440	0.78	cps
Yttrium	89-2	194568	179815	191874	188752	4.16	cps
Zinc	66-2	75179	76111	76168	75819	0.73	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:26:17	DataFile Name :	032SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5001672	5023311	5079291	5034758	0.80	cps
Zirconium	91-1	1101762	1111176	1107490	1106809	0.43	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232161	231990	231888	232013	0.06	cps
Antimony	121-1	3604470	3660333	3667743	3644182	0.95	cps
Arsenic	75-2	34745	34677	34493	34638	0.38	cps
Barium	135-1	4103207	4087678	4068045	4086310	0.43	cps
Barium	137-1	6981036	7035986	7023146	7013389	0.41	cps
Beryllium	9-1	620728	621289	621048	621022	0.05	cps
Bismuth	209-1	7426040	7386030	7416640	7409570	0.28	cps
Bismuth	209-2	1899664	1740206	1900157	1846676	4.99	cps
Boron	10-1	69444	71118	74091	71551	3.29	cps
Boron	11-1	320439	328105	334961	327835	2.22	cps
Cadmium	111-1	793042	794125	795143	794103	0.13	cps
Cadmium	106-1	85084	86821	87819	86575	1.60	cps
Cadmium	108-1	57518	57937	57920	57792	0.41	cps
Calcium	43-1	4385794	4481825	4471550	4446389	1.19	cps
Calcium	44-1	72422858	72985468	72789060	72732462	0.39	cps
Chromium	52-2	333323	335429	336792	335181	0.52	cps
Cobalt	59-2	710451	714376	716720	713849	0.44	cps
Copper	63-2	1213476	1208377	1211159	1211004	0.21	cps
Dysprosium	156-1	125	83	92	100	22.05	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	42	33	42	39	12.38	cps
Erbium	164-2	3	0	7	3	100.05	cps
Gadolinium	160-1	125	92	83	100	22.05	cps
Gadolinium	160-2	13	7	17	12	41.65	cps
Holmium	165-1	12083802	12104999	12030669	12073157	0.32	cps
Holmium	165-2	2410393	2213909	2447687	2357329	5.33	cps
Indium	115-1	9128103	9238608	9119650	9162120	0.72	cps
Indium	115-2	324711	301180	328562	318151	4.66	cps
Iron	56-2	53266894	53280643	53189685	53245741	0.09	cps
Iron	57-2	1341971	1345113	1351026	1346037	0.34	cps
Krypton	83-1	330	270	327	309	10.92	cps
Lead	206-1	2578615	2587529	2562117	2576087	0.50	cps
Lead	207-1	2361645	2320175	2335234	2339018	0.90	cps
Lead	208-1	10403192	10450052	10413625	10422290	0.24	cps
Lithium	6-1	2264248	2290365	2305212	2286609	0.91	cps
Magnesium	24-2	5896147	5934003	5959609	5929920	0.54	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	169983	172443	171738	171388	0.74	cps
Molybdenum	94-1	6680668	6667019	6713759	6687149	0.36	cps
Molybdenum	95-1	8238203	8191216	8180448	8203289	0.37	cps
Molybdenum	96-1	9115395	9125615	9177727	9139579	0.37	cps
Molybdenum	97-1	5193507	5236609	5200677	5210264	0.44	cps
Molybdenum	98-1	13109148	13258739	13200527	13189471	0.57	cps
Neodymium	150-1	253	227	167	216	20.59	cps
Neodymium	150-2	17	3	3	8	99.04	cps
Nickel	60-2	210611	211300	212670	211527	0.50	cps
Phosphorus	31-2	3034	2775	2767	2859	5.30	cps
Potassium	39-2	1418036	1422367	1414091	1418165	0.29	cps
Rhodium	103-1	8369704	8433569	8470539	8424604	0.61	cps
Rhodium	103-2	2159068	1994292	2167872	2107077	4.64	cps
Scandium	45-1	5686258	5715944	5708921	5703708	0.27	cps
Scandium	45-2	36380	32899	35883	35054	5.37	cps
Selenium	77-2	207	250	243	233	10.00	cps
Selenium	78-2	730	748	789	756	4.01	cps
Selenium	82-1	49997	50372	50193	50187	0.37	cps
Silicon	28-1	2006020	2001579	2008562	2005387	0.18	cps
Silver	109-1	3799850	3805206	3810028	3805028	0.13	cps
Silver	107-1	3996539	3997581	4017166	4003762	0.29	cps
Sodium	23-2	13574905	13656801	13759295	13663667	0.68	cps
Strontium	86-1	1038791	1044064	1044508	1042455	0.31	cps
Strontium	88-1	9023320	9046801	8919169	8996430	0.76	cps
Sulfur	34-1	624921	626662	625328	625637	0.15	cps
Terbium	159-1	12563684	12506445	12424994	12498374	0.56	cps
Terbium	159-2	2281135	2113874	2277977	2224328	4.30	cps
Thallium	203-1	3163377	3153020	3153405	3156601	0.19	cps
Thallium	205-1	7383067	7388536	7281649	7351084	0.82	cps
Tin	118-1	2698221	2706554	2676579	2693785	0.57	cps
Titanium	47-1	2299682	2311861	2325410	2312318	0.56	cps
Uranium	238-1	10236911	10276727	10272670	10262103	0.21	cps
Vanadium	51-2	238652	240461	238879	239331	0.41	cps
Yttrium	89-1	9799411	9826238	9801840	9809163	0.15	cps
Yttrium	89-2	250015	229570	250534	243373	4.91	cps
Zinc	66-2	97472	97775	97701	97649	0.16	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV10	Instrumnet Name :	P8
Client Sample ID :	CCV10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:32:39	DataFile Name :	033CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5622222	5670152	5644449	5645607	0.42	cps
Zirconium	91-1	1242760	1258680	1256427	1252622	0.69	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : CCB10 Instrumnet Name : P8
 Client Sample ID : CCB10 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 15:41:45 DataFile Name : 034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	8	14	34.67	cps
Antimony	121-1	2292	2275	2217	2261	1.74	cps
Arsenic	75-2	4	4	0	2	86.60	cps
Barium	135-1	42	50	83	58	37.80	cps
Barium	137-1	67	100	83	83	20.00	cps
Beryllium	9-1	228	217	206	217	5.13	cps
Bismuth	209-1	7441035	7478683	7561136	7493618	0.82	cps
Bismuth	209-2	1978780	1735738	1956085	1890201	7.10	cps
Boron	10-1	1692	1792	1917	1800	6.26	cps
Boron	11-1	7736	6960	7519	7405	5.40	cps
Cadmium	111-1	1401	1623	1340	1455	10.23	cps
Cadmium	106-1	1959	2225	1867	2017	9.23	cps
Cadmium	108-1	4	8	13	8	49.98	cps
Calcium	43-1	500	467	583	517	11.63	cps
Calcium	44-1	19131	19898	18713	19247	3.12	cps
Chromium	52-2	420	410	483	438	9.08	cps
Cobalt	59-2	53	27	57	46	36.09	cps
Copper	63-2	590	527	513	543	7.54	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	0	3	1	173.21	cps
Erbium	164-1	33	83	67	61	41.67	cps
Erbium	164-2	7	3	0	3	100.05	cps
Gadolinium	160-1	83	58	58	67	21.65	cps
Gadolinium	160-2	7	13	7	9	43.25	cps
Holmium	165-1	11698671	11622464	11737140	11686092	0.50	cps
Holmium	165-2	2362381	2119314	2341733	2274476	5.93	cps
Indium	115-1	9233690	9309380	9276667	9273246	0.41	cps
Indium	115-2	337361	294466	331745	321191	7.26	cps
Iron	56-2	1806	1922	1822	1850	3.41	cps
Iron	57-2	56	17	22	31	66.81	cps
Krypton	83-1	320	293	307	307	4.35	cps
Lead	206-1	356	456	456	422	13.67	cps
Lead	207-1	350	394	433	393	10.62	cps
Lead	208-1	1706	1833	1822	1787	3.96	cps
Lithium	6-1	2301825	2319424	2357472	2326241	1.22	cps
Magnesium	24-2	233	300	242	258	14.06	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:41:45	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	70	50	57	59	17.29	cps
Molybdenum	94-1	1617	1542	1200	1453	15.29	cps
Molybdenum	95-1	1275	1108	1100	1161	8.50	cps
Molybdenum	96-1	1634	1317	1375	1442	11.69	cps
Molybdenum	97-1	892	717	708	772	13.41	cps
Molybdenum	98-1	2192	1825	1650	1889	14.64	cps
Neodymium	150-1	7	0	7	4	86.60	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	73	53	67	64	15.80	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1575	1608	1700	1628	3.98	cps
Rhodium	103-1	8753445	8746544	8836942	8778977	0.57	cps
Rhodium	103-2	2274404	1994240	2263692	2177445	7.29	cps
Scandium	45-1	5598177	5544043	5681512	5607910	1.23	cps
Scandium	45-2	35943	31610	35789	34447	7.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-16	-8	17	-3	-674.11	cps
Silicon	28-1	258684	254933	255637	256418	0.78	cps
Silver	109-1	417	442	333	397	14.28	cps
Silver	107-1	392	500	383	425	15.31	cps
Sodium	23-2	4909	4343	5318	4857	10.09	cps
Strontium	86-1	442	442	458	447	2.15	cps
Strontium	88-1	375	442	358	392	11.26	cps
Sulfur	34-1	372116	367963	369764	369948	0.56	cps
Terbium	159-1	11850294	11891231	12161024	11967516	1.41	cps
Terbium	159-2	2259974	2004261	2214040	2159425	6.31	cps
Thallium	203-1	383	417	383	394	4.88	cps
Thallium	205-1	1258	983	1058	1100	12.92	cps
Tin	118-1	1709	1725	1617	1684	3.46	cps
Titanium	47-1	142	117	225	161	35.21	cps
Uranium	238-1	100	92	125	106	16.44	cps
Vanadium	51-2	7	7	17	10	57.72	cps
Yttrium	89-1	9598378	9601323	9700352	9633351	0.60	cps
Yttrium	89-2	249584	218023	245275	237627	7.20	cps
Zinc	66-2	43	57	30	43	30.77	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB10	Instrumnet Name :	P8
Client Sample ID :	CCB10	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:41:45	DataFile Name :	034CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2525	2534	2284	2448	5.80	cps
Zirconium	91-1	492	492	533	506	4.76	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32739	32981	32831	32850	0.37	cps
Antimony	121-1	3627405	3593505	3612615	3611175	0.47	cps
Arsenic	75-2	27587	27706	27249	27514	0.86	cps
Barium	135-1	3636098	3693744	3703593	3677811	0.99	cps
Barium	137-1	6258057	6282844	6357355	6299419	0.82	cps
Beryllium	9-1	552879	553449	555252	553860	0.22	cps
Bismuth	209-1	7456817	7300046	7357747	7371537	1.08	cps
Bismuth	209-2	1665783	1613659	1661077	1646840	1.75	cps
Boron	10-1	59993	62654	63324	61990	2.84	cps
Boron	11-1	269112	280286	280596	276665	2.36	cps
Cadmium	111-1	739018	744841	747847	743902	0.60	cps
Cadmium	106-1	79326	80306	80222	79951	0.68	cps
Cadmium	108-1	53038	52812	54204	53351	1.40	cps
Calcium	43-1	1329720	1329085	1315820	1324875	0.59	cps
Calcium	44-1	21438088	21366445	21397037	21400523	0.17	cps
Chromium	52-2	261570	262073	261202	261615	0.17	cps
Cobalt	59-2	596009	594065	593454	594509	0.22	cps
Copper	63-2	1015554	1022681	1014523	1017586	0.44	cps
Dysprosium	156-1	133	117	83	111	22.91	cps
Dysprosium	156-2	17	13	10	13	25.01	cps
Erbium	164-1	150	75	108	111	33.82	cps
Erbium	164-2	10	13	10	11	17.30	cps
Gadolinium	160-1	25	183	33	81	110.62	cps
Gadolinium	160-2	20	20	37	26	37.66	cps
Holmium	165-1	11443656	11397327	11404433	11415139	0.22	cps
Holmium	165-2	2079318	2007615	2093632	2060188	2.24	cps
Indium	115-1	8454602	8524617	8376463	8451894	0.88	cps
Indium	115-2	267356	254628	265679	262554	2.63	cps
Iron	56-2	8384111	8315913	8360610	8353545	0.41	cps
Iron	57-2	212258	212630	210075	211654	0.65	cps
Krypton	83-1	293	313	327	311	5.39	cps
Lead	206-1	2497974	2549049	2527413	2524812	1.02	cps
Lead	207-1	2238550	2220839	2252014	2237134	0.70	cps
Lead	208-1	10015379	10103617	10183577	10100858	0.83	cps
Lithium	6-1	2348398	2435227	2421271	2401632	1.94	cps
Magnesium	24-2	1102327	1100201	1101563	1101363	0.10	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	945643	947266	943319	945410	0.21	cps
Molybdenum	94-1	5886087	5960252	5903279	5916539	0.66	cps
Molybdenum	95-1	7098193	7187704	7177843	7154580	0.69	cps
Molybdenum	96-1	7948631	7978540	8070160	7999110	0.79	cps
Molybdenum	97-1	4540725	4594256	4560999	4565326	0.59	cps
Molybdenum	98-1	11381390	11548037	11604282	11511236	1.01	cps
Neodymium	150-1	260	180	227	222	18.08	cps
Neodymium	150-2	17	10	17	14	26.66	cps
Nickel	60-2	178436	177511	177566	177838	0.29	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	227816	227350	227686	227617	0.11	cps
Rhodium	103-1	7881891	7854726	7909184	7881934	0.35	cps
Rhodium	103-2	1880290	1831678	1881509	1864492	1.52	cps
Scandium	45-1	4999588	4981653	4922098	4967780	0.82	cps
Scandium	45-2	27814	26515	27310	27213	2.41	cps
Selenium	77-2	190	187	187	188	1.03	cps
Selenium	78-2	637	641	583	620	5.18	cps
Selenium	82-1	45605	45877	45750	45744	0.30	cps
Silicon	28-1	30371118	30169910	30167676	30236235	0.39	cps
Silver	109-1	2848125	2893204	2928739	2890022	1.40	cps
Silver	107-1	3043483	3041755	3071609	3052282	0.55	cps
Sodium	23-2	2399435	2401991	2410739	2404055	0.25	cps
Strontium	86-1	1242068	1263793	1269253	1258371	1.14	cps
Strontium	88-1	10792948	10901210	10865597	10853252	0.51	cps
Sulfur	34-1	343227	339015	338408	340217	0.77	cps
Terbium	159-1	11593183	11590424	11591999	11591868	0.01	cps
Terbium	159-2	1974203	1874888	1970683	1939924	2.90	cps
Thallium	203-1	3080256	3123407	3128195	3110619	0.85	cps
Thallium	205-1	7143617	7234364	7325852	7234611	1.26	cps
Tin	118-1	2340499	2323878	2333337	2332571	0.36	cps
Titanium	47-1	1918943	1922129	1900932	1914002	0.60	cps
Uranium	238-1	10102464	10037784	10113981	10084743	0.41	cps
Vanadium	51-2	189888	191293	190229	190470	0.38	cps
Yttrium	89-1	8861043	8846481	8826991	8844839	0.19	cps
Yttrium	89-2	196757	190504	195593	194284	1.71	cps
Zinc	66-2	77240	77538	78249	77676	0.67	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:45:05	DataFile Name :	035SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5092398	5116176	5148457	5119011	0.55	cps
Zirconium	91-1	1113422	1137669	1123188	1124760	1.08	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67	50	92	69	30.20	cps
Antimony	121-1	6218	5935	6043	6066	2.36	cps
Arsenic	75-2	1459	1435	1393	1429	2.36	cps
Barium	135-1	35407	35089	36961	35819	2.80	cps
Barium	137-1	61451	62959	63980	62797	2.03	cps
Beryllium	9-1	350	333	344	343	2.48	cps
Bismuth	209-1	7630515	7630443	7660123	7640360	0.22	cps
Bismuth	209-2	1766710	1728367	1719782	1738287	1.44	cps
Boron	10-1	6260	6477	6452	6396	1.85	cps
Boron	11-1	29255	29423	26767	28482	5.22	cps
Cadmium	111-1	1087	1115	1339	1180	11.71	cps
Cadmium	106-1	1425	1375	1784	1528	14.58	cps
Cadmium	108-1	33	21	38	31	28.39	cps
Calcium	43-1	433837	431171	430390	431800	0.42	cps
Calcium	44-1	7061006	7086977	7097799	7081927	0.27	cps
Chromium	52-2	547	527	590	554	5.84	cps
Cobalt	59-2	2527	2720	2660	2636	3.75	cps
Copper	63-2	2474	2457	2404	2445	1.50	cps
Dysprosium	156-1	117	117	83	106	18.23	cps
Dysprosium	156-2	10	33	17	20	60.08	cps
Erbium	164-1	125	200	142	156	25.32	cps
Erbium	164-2	23	10	13	16	44.60	cps
Gadolinium	160-1	242	175	142	186	27.36	cps
Gadolinium	160-2	70	23	37	43	55.47	cps
Holmium	165-1	11303925	11570894	11609453	11494757	1.45	cps
Holmium	165-2	2091443	2099240	2079936	2090206	0.46	cps
Indium	115-1	8623399	8729052	8725187	8692546	0.69	cps
Indium	115-2	274570	270314	269857	271580	0.96	cps
Iron	56-2	3382168	3382168	3363425	3375920	0.32	cps
Iron	57-2	83773	84075	84186	84012	0.25	cps
Krypton	83-1	333	293	310	312	6.44	cps
Lead	206-1	1367	972	1156	1165	16.95	cps
Lead	207-1	1100	1095	945	1046	8.43	cps
Lead	208-1	4906	4534	4306	4582	6.61	cps
Lithium	6-1	2428164	2400736	2457452	2428784	1.17	cps
Magnesium	24-2	180202	176922	178557	178560	0.92	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217661	213001	215458	215374	1.08	cps
Molybdenum	94-1	3676	3359	3301	3445	5.86	cps
Molybdenum	95-1	3601	3509	2900	3337	11.41	cps
Molybdenum	96-1	4426	3734	3917	4026	8.90	cps
Molybdenum	97-1	2217	2184	1817	2072	10.71	cps
Molybdenum	98-1	5843	5451	5093	5462	6.87	cps
Neodymium	150-1	100	173	187	153	30.44	cps
Neodymium	150-2	7	23	3	11	96.43	cps
Nickel	60-2	580	537	483	533	9.08	cps
Phosphorus	31-2	92	17	67	58	65.46	cps
Potassium	39-2	29833	29615	29574	29674	0.47	cps
Rhodium	103-1	7995070	8112408	8114230	8073903	0.85	cps
Rhodium	103-2	1981664	1962219	1936288	1960057	1.16	cps
Scandium	45-1	5011669	4987092	4983047	4993936	0.31	cps
Scandium	45-2	28292	27507	27123	27641	2.16	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-62	18	-24	-23	-176.63	cps
Silicon	28-1	19990795	19809676	19720824	19840432	0.69	cps
Silver	109-1	1333	1117	1133	1195	10.10	cps
Silver	107-1	1258	1242	1025	1175	11.08	cps
Sodium	23-2	263075	262072	262554	262567	0.19	cps
Strontium	86-1	268559	267075	271179	268938	0.77	cps
Strontium	88-1	2371756	2372409	2375759	2373308	0.09	cps
Sulfur	34-1	383943	382497	384675	383705	0.29	cps
Terbium	159-1	11722979	11780598	11848428	11784001	0.53	cps
Terbium	159-2	2011027	1985255	1971452	1989245	1.01	cps
Thallium	203-1	1383	1350	1434	1389	3.02	cps
Thallium	205-1	3251	3151	3117	3173	2.19	cps
Tin	118-1	31981	31538	32315	31944	1.22	cps
Titanium	47-1	1050	883	1008	981	8.85	cps
Uranium	238-1	1442	1333	1325	1367	4.76	cps
Vanadium	51-2	333	250	290	291	14.32	cps
Yttrium	89-1	8932213	9019200	9027650	8993021	0.59	cps
Yttrium	89-2	199254	198660	196282	198065	0.79	cps
Zinc	66-2	687	660	643	663	3.30	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:48:17	DataFile Name :	036SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	4726	4126	3876	4243	10.30	cps
Zirconium	91-1	1167	867	983	1006	15.04	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	33	0	14	124.91	cps
Antimony	121-1	5360	5485	5601	5482	2.21	cps
Arsenic	75-2	1032	956	1011	999	3.93	cps
Barium	135-1	31012	31655	31012	31227	1.19	cps
Barium	137-1	54782	54346	56313	55147	1.87	cps
Beryllium	9-1	239	289	228	252	12.92	cps
Bismuth	209-1	7609353	7674593	7719350	7667765	0.72	cps
Bismuth	209-2	1766174	1725133	1724677	1738662	1.37	cps
Boron	10-1	4976	5226	5235	5146	2.85	cps
Boron	11-1	21968	21942	22994	22301	2.69	cps
Cadmium	111-1	1241	1100	1158	1166	6.05	cps
Cadmium	106-1	1692	1525	1609	1609	5.18	cps
Cadmium	108-1	21	25	8	18	48.05	cps
Calcium	43-1	508231	510983	509584	509599	0.27	cps
Calcium	44-1	8247625	8300148	8303182	8283651	0.38	cps
Chromium	52-2	637	553	570	587	7.52	cps
Cobalt	59-2	523	457	537	506	8.48	cps
Copper	63-2	2327	2214	2100	2214	5.12	cps
Dysprosium	156-1	108	92	158	119	29.05	cps
Dysprosium	156-2	23	13	17	18	28.64	cps
Erbium	164-1	300	150	192	214	36.20	cps
Erbium	164-2	53	27	27	36	43.29	cps
Gadolinium	160-1	125	175	200	167	22.91	cps
Gadolinium	160-2	43	23	60	42	43.49	cps
Holmium	165-1	11555443	11584826	11833105	11657792	1.31	cps
Holmium	165-2	2112877	2021410	2061003	2065097	2.22	cps
Indium	115-1	8723204	8693529	8839762	8752165	0.88	cps
Indium	115-2	272637	263110	268361	268036	1.78	cps
Iron	56-2	4380671	4352977	4401146	4378265	0.55	cps
Iron	57-2	107898	108346	108916	108387	0.47	cps
Krypton	83-1	237	257	300	264	12.24	cps
Lead	206-1	889	856	739	828	9.51	cps
Lead	207-1	639	817	683	713	12.98	cps
Lead	208-1	3189	3328	3334	3284	2.49	cps
Lithium	6-1	2382010	2389866	2400998	2390958	0.40	cps
Magnesium	24-2	142979	142877	143694	143183	0.31	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103792	103503	105149	104148	0.84	cps
Molybdenum	94-1	1750	2009	1850	1870	6.97	cps
Molybdenum	95-1	1392	1717	1634	1581	10.68	cps
Molybdenum	96-1	2184	2034	2034	2084	4.16	cps
Molybdenum	97-1	975	1217	1150	1114	11.21	cps
Molybdenum	98-1	2817	2817	2600	2745	4.56	cps
Neodymium	150-1	153	227	127	169	30.66	cps
Neodymium	150-2	33	20	13	22	45.83	cps
Nickel	60-2	317	377	317	337	10.29	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	24681	25023	25023	24909	0.79	cps
Rhodium	103-1	8129789	8175770	8173305	8159622	0.32	cps
Rhodium	103-2	1937950	1896482	1928725	1921052	1.13	cps
Scandium	45-1	4920721	4982796	5000246	4967921	0.84	cps
Scandium	45-2	27327	26656	27314	27099	1.42	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	34	20	-23	10	296.99	cps
Silicon	28-1	21986102	21911300	21893829	21930410	0.22	cps
Silver	109-1	850	725	758	778	8.32	cps
Silver	107-1	792	708	825	775	7.75	cps
Sodium	23-2	219004	217089	219509	218534	0.58	cps
Strontium	86-1	287466	288252	289821	288513	0.42	cps
Strontium	88-1	2554557	2575400	2544639	2558199	0.61	cps
Sulfur	34-1	386735	384317	387583	386212	0.44	cps
Terbium	159-1	11991106	11886773	12018770	11965550	0.58	cps
Terbium	159-2	2001038	1929770	1950136	1960315	1.87	cps
Thallium	203-1	600	633	575	603	4.85	cps
Thallium	205-1	1600	1700	1467	1589	7.37	cps
Tin	118-1	22277	22445	22704	22475	0.96	cps
Titanium	47-1	508	517	642	556	13.44	cps
Uranium	238-1	675	600	683	653	7.03	cps
Vanadium	51-2	37	30	13	27	45.08	cps
Yttrium	89-1	9019514	9010923	9056582	9029006	0.27	cps
Yttrium	89-2	194917	191989	195473	194126	0.96	cps
Zinc	66-2	620	620	530	590	8.81	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:51:36	DataFile Name :	037SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2500	2267	2392	2386	4.89	cps
Zirconium	91-1	492	542	483	506	6.24	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	33	8	25	57.75	cps
Antimony	121-1	525	383	500	469	16.11	cps
Arsenic	75-2	4	2	2	2	43.30	cps
Barium	135-1	83	125	117	108	20.35	cps
Barium	137-1	158	225	158	181	21.32	cps
Beryllium	9-1	200	167	206	191	11.03	cps
Bismuth	209-1	8258374	8240719	8230568	8243220	0.17	cps
Bismuth	209-2	2113895	1685340	1960043	1919759	11.31	cps
Boron	10-1	1483	1167	1342	1331	11.92	cps
Boron	11-1	6293	6002	5793	6029	4.17	cps
Cadmium	111-1	1320	1378	1483	1394	5.93	cps
Cadmium	106-1	1834	1975	2084	1964	6.38	cps
Cadmium	108-1	25	25	13	21	34.64	cps
Calcium	43-1	783	858	917	853	7.84	cps
Calcium	44-1	25716	24464	24597	24926	2.76	cps
Chromium	52-2	463	510	453	476	6.36	cps
Cobalt	59-2	43	57	53	51	13.58	cps
Copper	63-2	1073	1000	970	1014	5.24	cps
Dysprosium	156-1	25	8	33	22	57.30	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	33	33	33	33	0.00	cps
Erbium	164-2	13	3	7	8	65.47	cps
Gadolinium	160-1	67	67	58	64	7.53	cps
Gadolinium	160-2	7	3	3	4	43.40	cps
Holmium	165-1	12971260	12916339	12808140	12898580	0.64	cps
Holmium	165-2	2520183	1994475	2345892	2286850	11.71	cps
Indium	115-1	10119508	10033037	10037654	10063400	0.48	cps
Indium	115-2	345521	278486	322202	315403	10.79	cps
Iron	56-2	1789	1928	1772	1830	4.67	cps
Iron	57-2	44	28	28	33	28.87	cps
Krypton	83-1	263	363	363	330	17.50	cps
Lead	206-1	350	411	344	369	10.04	cps
Lead	207-1	283	339	322	315	9.06	cps
Lead	208-1	1322	1561	1395	1426	8.59	cps
Lithium	6-1	2504909	2449465	2495356	2483243	1.19	cps
Magnesium	24-2	283	200	275	253	18.16	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	63	37	67	56	29.59	cps
Molybdenum	94-1	617	592	575	594	3.53	cps
Molybdenum	95-1	542	558	425	508	14.29	cps
Molybdenum	96-1	517	717	600	611	16.44	cps
Molybdenum	97-1	408	375	392	392	4.26	cps
Molybdenum	98-1	783	900	708	797	12.12	cps
Neodymium	150-1	0	7	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	93	83	97	15.80	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	1642	1767	1617	1675	4.80	cps
Rhodium	103-1	9587119	9541824	9571346	9566763	0.24	cps
Rhodium	103-2	2410178	1923122	2219449	2184249	11.24	cps
Scandium	45-1	5974454	5996502	5983357	5984771	0.19	cps
Scandium	45-2	36771	29815	34352	33646	10.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	6	2	173.21	cps
Selenium	82-1	55	-42	-111	-33	-254.63	cps
Silicon	28-1	314231	325878	330892	323667	2.64	cps
Silver	109-1	325	367	333	342	6.45	cps
Silver	107-1	417	358	392	389	7.52	cps
Sodium	23-2	5710	5593	5501	5601	1.86	cps
Strontium	86-1	608	592	875	692	22.99	cps
Strontium	88-1	1684	2042	1784	1836	10.07	cps
Sulfur	34-1	355571	356513	355487	355857	0.16	cps
Terbium	159-1	13443974	13252191	13277487	13324551	0.78	cps
Terbium	159-2	2395538	1927254	2218069	2180287	10.84	cps
Thallium	203-1	400	267	350	339	19.88	cps
Thallium	205-1	825	800	850	825	3.03	cps
Tin	118-1	625	650	658	644	2.69	cps
Titanium	47-1	58	192	142	131	51.59	cps
Uranium	238-1	83	33	67	61	41.67	cps
Vanadium	51-2	13	0	3	6	124.93	cps
Yttrium	89-1	10534257	10462217	10425483	10473985	0.53	cps
Yttrium	89-2	254806	206149	239667	233541	10.66	cps
Zinc	66-2	613	560	727	633	13.44	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 15:56:45	DataFile Name :	038SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	817	875	950	881	7.59	cps
Zirconium	91-1	208	225	217	217	3.84	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	67328	69278	66397	67668	2.17	cps
Antimony	121-1	30394	30728	31998	31040	2.73	cps
Arsenic	75-2	293	344	341	326	8.88	cps
Barium	135-1	410069	415563	419354	414996	1.12	cps
Barium	137-1	721807	724195	733505	726502	0.85	cps
Beryllium	9-1	1222	1122	1317	1220	7.97	cps
Bismuth	209-1	7130547	7094116	7154226	7126296	0.42	cps
Bismuth	209-2	1444768	1600796	1585227	1543597	5.57	cps
Boron	10-1	65124	64797	66773	65565	1.62	cps
Boron	11-1	292443	296434	301375	296751	1.51	cps
Cadmium	111-1	1479	1453	1600	1511	5.18	cps
Cadmium	106-1	1600	1667	1792	1686	5.77	cps
Cadmium	108-1	100	121	96	106	12.69	cps
Calcium	43-1	339172	341295	341550	340673	0.38	cps
Calcium	44-1	5509305	5543236	5688334	5580292	1.70	cps
Chromium	52-2	43571	42605	42825	43000	1.18	cps
Cobalt	59-2	16697	17151	16984	16944	1.36	cps
Copper	63-2	66890	66123	64418	65811	1.92	cps
Dysprosium	156-1	23255	22846	23439	23180	1.31	cps
Dysprosium	156-2	4471	4514	4521	4502	0.60	cps
Erbium	164-1	18739	19382	19365	19162	1.91	cps
Erbium	164-2	3334	3377	3434	3382	1.48	cps
Gadolinium	160-1	22236	22837	22078	22384	1.79	cps
Gadolinium	160-2	5578	5491	5608	5559	1.09	cps
Holmium	165-1	11174608	11168445	11386914	11243322	1.11	cps
Holmium	165-2	1837170	2049236	2040789	1975732	6.08	cps
Indium	115-1	8282026	8286236	8459730	8342664	1.22	cps
Indium	115-2	236713	261391	257589	251897	5.27	cps
Iron	56-2	12646229	12601661	12572462	12606784	0.29	cps
Iron	57-2	317976	317161	316832	317323	0.19	cps
Krypton	83-1	393	417	357	389	7.78	cps
Lead	206-1	254446	256085	255224	255252	0.32	cps
Lead	207-1	211499	214025	213296	212940	0.61	cps
Lead	208-1	989449	1003064	1001222	997912	0.74	cps
Lithium	6-1	2303135	2308744	2311994	2307958	0.19	cps
Magnesium	24-2	804625	791107	790980	795571	0.99	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111887	112105	110785	111592	0.63	cps
Molybdenum	94-1	203241	206666	207493	205800	1.10	cps
Molybdenum	95-1	343769	351632	350248	348550	1.20	cps
Molybdenum	96-1	374930	374094	374814	374613	0.12	cps
Molybdenum	97-1	218220	219618	221707	219849	0.80	cps
Molybdenum	98-1	556787	558056	566927	560590	0.99	cps
Neodymium	150-1	35689	35756	37047	36164	2.12	cps
Neodymium	150-2	3861	3747	3774	3794	1.56	cps
Nickel	60-2	15389	15622	15312	15441	1.05	cps
Phosphorus	31-2	125	167	125	139	17.32	cps
Potassium	39-2	377272	368469	373974	373238	1.19	cps
Rhodium	103-1	7560772	7576524	7588665	7575321	0.18	cps
Rhodium	103-2	1653914	1823484	1813751	1763716	5.40	cps
Scandium	45-1	4961779	4899513	4982242	4947845	0.87	cps
Scandium	45-2	24879	26856	26983	26239	4.50	cps
Selenium	77-2	37	23	13	24	47.91	cps
Selenium	78-2	15	11	7	11	33.30	cps
Selenium	82-1	220	241	259	240	8.15	cps
Silicon	28-1	93445404	93329767	93756106	93510426	0.24	cps
Silver	109-1	2542	2492	2250	2428	6.43	cps
Silver	107-1	2542	2500	2134	2392	9.40	cps
Sodium	23-2	23159185	22863622	22811677	22944828	0.82	cps
Strontium	86-1	474983	475360	484148	478164	1.08	cps
Strontium	88-1	4116109	4178281	4228787	4174392	1.35	cps
Sulfur	34-1	550043	547643	544632	547439	0.50	cps
Terbium	159-1	11370395	11520794	11723247	11538145	1.53	cps
Terbium	159-2	1763316	1944813	1948007	1885379	5.61	cps
Thallium	203-1	2034	2150	2059	2081	2.95	cps
Thallium	205-1	5285	4709	4960	4985	5.79	cps
Tin	118-1	92812	97572	95649	95344	2.51	cps
Titanium	47-1	1032516	1038619	1040422	1037185	0.40	cps
Uranium	238-1	65163	65590	65732	65495	0.45	cps
Vanadium	51-2	20989	21483	20936	21136	1.43	cps
Yttrium	89-1	8861387	8859283	9044024	8921564	1.19	cps
Yttrium	89-2	180689	200194	199007	193297	5.66	cps
Zinc	66-2	12973	12603	12860	12812	1.48	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:00:05	DataFile Name :	039SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	18230	17704	17320	17751	2.57	cps
Zirconium	91-1	4001	3917	4026	3981	1.43	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	192	183	208	194	6.55	cps
Antimony	121-1	4593	5043	4968	4868	4.95	cps
Arsenic	75-2	180	226	209	205	11.44	cps
Barium	135-1	58045	57936	55066	57016	2.96	cps
Barium	137-1	101908	100975	100060	100981	0.91	cps
Beryllium	9-1	139	161	206	169	20.14	cps
Bismuth	209-1	6485379	6820596	6859484	6721820	3.06	cps
Bismuth	209-2	1525235	1613330	1666850	1601805	4.46	cps
Boron	10-1	34500	35269	36205	35325	2.42	cps
Boron	11-1	164997	168283	165553	166278	1.06	cps
Cadmium	111-1	1276	1458	1342	1358	6.77	cps
Cadmium	106-1	1525	1784	1600	1636	8.12	cps
Cadmium	108-1	42	17	17	25	57.73	cps
Calcium	43-1	8125489	8185680	8060858	8124009	0.77	cps
Calcium	44-1	135564532	135061161	132359511	134328402	1.28	cps
Chromium	52-2	980	983	1077	1013	5.42	cps
Cobalt	59-2	434781	437071	452475	441442	2.18	cps
Copper	63-2	3457	3674	3911	3681	6.16	cps
Dysprosium	156-1	442	525	483	483	8.62	cps
Dysprosium	156-2	120	100	90	103	14.78	cps
Erbium	164-1	2209	2159	2392	2253	5.45	cps
Erbium	164-2	337	333	363	344	4.77	cps
Gadolinium	160-1	608	617	717	647	9.31	cps
Gadolinium	160-2	130	150	203	161	23.53	cps
Holmium	165-1	10572548	11165971	11290611	11009710	3.48	cps
Holmium	165-2	2041554	2120232	2239642	2133809	4.67	cps
Indium	115-1	7809724	8219177	8260550	8096484	3.08	cps
Indium	115-2	258947	273149	282086	271394	4.30	cps
Iron	56-2	7559590	7650992	7828288	7679623	1.78	cps
Iron	57-2	188360	193181	196053	192531	2.02	cps
Krypton	83-1	637	703	787	709	10.60	cps
Lead	206-1	5129	5307	5196	5210	1.72	cps
Lead	207-1	4173	4534	4312	4340	4.20	cps
Lead	208-1	20468	20668	20168	20435	1.23	cps
Lithium	6-1	2050373	2152973	2146644	2116663	2.72	cps
Magnesium	24-2	3273446	3288252	3379971	3313889	1.74	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	735234	746920	767461	749872	2.18	cps
Molybdenum	94-1	5576	5226	5226	5343	3.78	cps
Molybdenum	95-1	2275	1909	1959	2047	9.71	cps
Molybdenum	96-1	3309	3109	3417	3278	4.77	cps
Molybdenum	97-1	1417	1333	1283	1345	5.01	cps
Molybdenum	98-1	3426	3301	3276	3334	2.41	cps
Neodymium	150-1	380	313	247	313	21.28	cps
Neodymium	150-2	30	40	43	38	18.36	cps
Nickel	60-2	775880	783357	813317	790851	2.51	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	67714	69447	73617	70259	4.32	cps
Rhodium	103-1	7096588	7464716	7497667	7352990	3.03	cps
Rhodium	103-2	1785750	1858582	1919782	1854705	3.62	cps
Scandium	45-1	4525271	4807596	4926273	4753046	4.33	cps
Scandium	45-2	26903	27875	29371	28049	4.43	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-40	-53	-143	-79	-71.39	cps
Silicon	28-1	24475498	24294325	23877538	24215787	1.27	cps
Silver	109-1	1242	1133	967	1114	12.44	cps
Silver	107-1	1383	1433	1008	1275	18.22	cps
Sodium	23-2	58060591	58538618	60514301	59037837	2.20	cps
Strontium	86-1	2717969	2719888	2708959	2715605	0.21	cps
Strontium	88-1	23416144	23317984	22903028	23212385	1.17	cps
Sulfur	34-1	22707386	22578480	22259927	22515264	1.02	cps
Terbium	159-1	10873101	11466605	11468427	11269377	3.05	cps
Terbium	159-2	1918347	2028552	2101668	2016189	4.58	cps
Thallium	203-1	317	350	292	319	9.16	cps
Thallium	205-1	550	742	633	642	14.98	cps
Tin	118-1	19615	20049	19022	19562	2.64	cps
Titanium	47-1	1433	1200	1450	1361	10.27	cps
Uranium	238-1	6394	6961	6702	6685	4.25	cps
Vanadium	51-2	33931	34596	35833	34787	2.77	cps
Yttrium	89-1	8327707	8772498	8841897	8647367	3.23	cps
Yttrium	89-2	196209	207332	213893	205811	4.34	cps
Zinc	66-2	4424	4354	4484	4421	1.47	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3846-01	Instrumnet Name :	P8
Client Sample ID :	WP022RW350-180702	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:03:24	DataFile Name :	040SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	11864	11305	11489	11553	2.47	cps
Zirconium	91-1	2617	2459	2509	2528	3.20	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	50	31	56.77	cps
Antimony	121-1	4634	4418	4376	4476	3.10	cps
Arsenic	75-2	3195	3121	3043	3120	2.43	cps
Barium	135-1	61234	59643	62155	61011	2.08	cps
Barium	137-1	108601	108752	108635	108663	0.07	cps
Beryllium	9-1	167	167	178	170	3.76	cps
Bismuth	209-1	7957131	7816536	7847169	7873612	0.94	cps
Bismuth	209-2	1715549	1744442	1821746	1760579	3.12	cps
Boron	10-1	4926	5043	5151	5040	2.23	cps
Boron	11-1	22802	22018	21450	22090	3.07	cps
Cadmium	111-1	1318	1221	1301	1280	4.02	cps
Cadmium	106-1	1792	1625	1742	1720	4.97	cps
Cadmium	108-1	17	29	8	18	58.09	cps
Calcium	43-1	1150175	1153718	1147187	1150360	0.28	cps
Calcium	44-1	18820343	18896972	18785927	18834414	0.30	cps
Chromium	52-2	597	673	577	616	8.29	cps
Cobalt	59-2	450	430	357	412	11.92	cps
Copper	63-2	2594	2530	2637	2587	2.07	cps
Dysprosium	156-1	267	333	367	322	15.80	cps
Dysprosium	156-2	50	83	73	69	24.83	cps
Erbium	164-1	475	375	400	417	12.49	cps
Erbium	164-2	90	77	73	80	11.02	cps
Gadolinium	160-1	333	350	333	339	2.84	cps
Gadolinium	160-2	90	100	90	93	6.19	cps
Holmium	165-1	12029028	11996788	12013465	12013093	0.13	cps
Holmium	165-2	2064622	2118653	2202549	2128608	3.27	cps
Indium	115-1	9092213	8904330	8966799	8987781	1.06	cps
Indium	115-2	267093	271373	279715	272727	2.35	cps
Iron	56-2	10556119	10506872	10417626	10493539	0.67	cps
Iron	57-2	263416	265810	263267	264164	0.54	cps
Krypton	83-1	283	323	290	299	7.17	cps
Lead	206-1	1506	1545	1495	1515	1.73	cps
Lead	207-1	1306	1389	1245	1313	5.52	cps
Lead	208-1	5890	5934	5756	5860	1.58	cps
Lithium	6-1	2382888	2381991	2395436	2386772	0.31	cps
Magnesium	24-2	160393	157134	158407	158645	1.04	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	363134	358771	357736	359880	0.80	cps
Molybdenum	94-1	1667	1433	1659	1586	8.35	cps
Molybdenum	95-1	1634	1767	1859	1753	6.46	cps
Molybdenum	96-1	2392	2425	2325	2381	2.14	cps
Molybdenum	97-1	1033	1367	1125	1175	14.66	cps
Molybdenum	98-1	3042	3309	2917	3089	6.48	cps
Neodymium	150-1	360	347	380	362	4.63	cps
Neodymium	150-2	37	40	30	36	14.32	cps
Nickel	60-2	240	220	257	239	7.68	cps
Phosphorus	31-2	0	17	25	14	91.65	cps
Potassium	39-2	41245	38687	39899	39944	3.20	cps
Rhodium	103-1	8349494	8341939	8363778	8351737	0.13	cps
Rhodium	103-2	1890367	1971915	1996092	1952791	2.84	cps
Scandium	45-1	5093341	5143665	4999839	5078948	1.44	cps
Scandium	45-2	26526	26602	27133	26754	1.24	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	43	-12	16	16	176.69	cps
Silicon	28-1	31477359	31666228	31443511	31529033	0.38	cps
Silver	109-1	542	433	542	506	12.37	cps
Silver	107-1	575	625	633	611	5.16	cps
Sodium	23-2	179350	177915	177046	178103	0.65	cps
Strontium	86-1	441674	443753	444812	443413	0.36	cps
Strontium	88-1	3897017	3869252	3866510	3877593	0.44	cps
Sulfur	34-1	324575	322375	318161	321704	1.01	cps
Terbium	159-1	12427508	12279076	12322136	12342907	0.62	cps
Terbium	159-2	1981392	1984032	2070591	2012005	2.52	cps
Thallium	203-1	233	275	275	261	9.21	cps
Thallium	205-1	617	475	733	608	21.27	cps
Tin	118-1	14375	15443	14959	14926	3.58	cps
Titanium	47-1	1058	1242	1167	1156	7.98	cps
Uranium	238-1	1700	1550	1842	1697	8.59	cps
Vanadium	51-2	103	93	110	102	8.20	cps
Yttrium	89-1	9302019	9176933	9159881	9212944	0.84	cps
Yttrium	89-2	192088	196526	204277	197630	3.12	cps
Zinc	66-2	660	583	630	624	6.19	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17	Instrumnet Name :	P8
Client Sample ID :	S45-0043	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:06:44	DataFile Name :	041SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1609	2009	1842	1820	11.04	cps
Zirconium	91-1	617	625	542	594	7.72	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	33	42	39	12.38	cps
Antimony	121-1	4268	4534	4259	4354	3.59	cps
Arsenic	75-2	2974	2954	2995	2974	0.69	cps
Barium	135-1	59861	60589	60171	60207	0.61	cps
Barium	137-1	104939	106855	107333	106376	1.19	cps
Beryllium	9-1	178	139	117	144	21.41	cps
Bismuth	209-1	7878650	7968129	7729848	7858876	1.53	cps
Bismuth	209-2	1769719	1783076	1799720	1784172	0.84	cps
Boron	10-1	4259	4142	4126	4176	1.74	cps
Boron	11-1	17837	18037	17586	17820	1.27	cps
Cadmium	111-1	1251	1169	1090	1170	6.89	cps
Cadmium	106-1	1700	1625	1484	1603	6.86	cps
Cadmium	108-1	8	21	4	11	78.05	cps
Calcium	43-1	1144361	1145811	1138345	1142839	0.35	cps
Calcium	44-1	18547324	18694148	18653185	18631552	0.41	cps
Chromium	52-2	547	597	590	578	4.70	cps
Cobalt	59-2	403	353	417	391	8.54	cps
Copper	63-2	2320	2467	2550	2446	4.76	cps
Dysprosium	156-1	275	417	342	344	20.58	cps
Dysprosium	156-2	43	53	60	52	16.07	cps
Erbium	164-1	467	417	500	461	9.10	cps
Erbium	164-2	70	97	43	70	38.10	cps
Gadolinium	160-1	425	442	433	433	1.92	cps
Gadolinium	160-2	90	97	87	91	5.59	cps
Holmium	165-1	11863793	12020819	11794805	11893139	0.97	cps
Holmium	165-2	2128727	2159689	2204095	2164170	1.75	cps
Indium	115-1	9109477	8880412	8804731	8931540	1.78	cps
Indium	115-2	274363	277099	277860	276440	0.67	cps
Iron	56-2	10342444	10278846	10342059	10321116	0.35	cps
Iron	57-2	258641	259042	260141	259274	0.30	cps
Krypton	83-1	267	283	283	278	3.46	cps
Lead	206-1	1545	1500	1728	1591	7.59	cps
Lead	207-1	1356	1483	1428	1422	4.51	cps
Lead	208-1	6284	6262	6679	6408	3.66	cps
Lithium	6-1	2342022	2378367	2324004	2348131	1.18	cps
Magnesium	24-2	158306	158237	158549	158364	0.10	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	355806	355094	357154	356018	0.29	cps
Molybdenum	94-1	1600	1775	1642	1672	5.47	cps
Molybdenum	95-1	1817	1734	1859	1803	3.53	cps
Molybdenum	96-1	2275	2242	2350	2289	2.42	cps
Molybdenum	97-1	1108	917	1242	1089	15.00	cps
Molybdenum	98-1	2750	2767	2859	2792	2.09	cps
Neodymium	150-1	267	327	233	276	17.16	cps
Neodymium	150-2	33	27	13	24	41.66	cps
Nickel	60-2	167	250	257	224	22.34	cps
Phosphorus	31-2	8	17	8	11	43.34	cps
Potassium	39-2	38754	38671	37986	38470	1.10	cps
Rhodium	103-1	8353566	8331427	8159900	8281631	1.28	cps
Rhodium	103-2	1962292	1973913	2000968	1979058	1.00	cps
Scandium	45-1	5092380	5099906	4999562	5063949	1.10	cps
Scandium	45-2	26916	27570	27684	27390	1.51	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	43	38	38	40	8.11	cps
Silicon	28-1	30949423	31056304	31236640	31080789	0.47	cps
Silver	109-1	525	450	508	494	7.96	cps
Silver	107-1	550	525	558	544	3.19	cps
Sodium	23-2	177385	176539	175485	176469	0.54	cps
Strontium	86-1	438931	440138	436831	438633	0.38	cps
Strontium	88-1	3796603	3827384	3822542	3815510	0.43	cps
Sulfur	34-1	313276	312909	311965	312717	0.22	cps
Terbium	159-1	12335321	12303534	11998670	12212508	1.52	cps
Terbium	159-2	2025116	2047427	2080424	2050989	1.36	cps
Thallium	203-1	258	225	250	244	7.10	cps
Thallium	205-1	533	567	508	536	5.46	cps
Tin	118-1	13432	14475	14200	14036	3.85	cps
Titanium	47-1	1300	1475	1475	1417	7.13	cps
Uranium	238-1	1667	1717	1784	1722	3.40	cps
Vanadium	51-2	73	80	57	70	17.17	cps
Yttrium	89-1	9293256	9191889	8998941	9161362	1.63	cps
Yttrium	89-2	200866	201554	201853	201424	0.25	cps
Zinc	66-2	1133	1083	1050	1089	3.85	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18	Instrumnet Name :	P8
Client Sample ID :	S45-0044	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:10:02	DataFile Name :	042SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2092	1900	2317	2103	9.92	cps
Zirconium	91-1	458	533	433	475	10.96	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	108	50	64	61.65	cps
Antimony	121-1	6068	5710	6110	5963	3.69	cps
Arsenic	75-2	85	78	69	77	10.82	cps
Barium	135-1	28031	29116	28574	28573	1.90	cps
Barium	137-1	50497	49443	50598	50179	1.27	cps
Beryllium	9-1	122	167	139	143	15.74	cps
Bismuth	209-1	7820043	7844641	7882778	7849154	0.40	cps
Bismuth	209-2	1760464	1769353	1791590	1773803	0.90	cps
Boron	10-1	3534	3959	4076	3856	7.39	cps
Boron	11-1	17470	17503	17895	17623	1.34	cps
Cadmium	111-1	1210	1214	1248	1224	1.72	cps
Cadmium	106-1	1625	1725	1750	1700	3.89	cps
Cadmium	108-1	4	21	21	15	62.96	cps
Calcium	43-1	529523	534935	535808	533422	0.64	cps
Calcium	44-1	8663782	8647809	8793072	8701555	0.92	cps
Chromium	52-2	577	590	630	599	4.64	cps
Cobalt	59-2	6221	6178	5938	6113	2.50	cps
Copper	63-2	3787	3927	3751	3822	2.44	cps
Dysprosium	156-1	317	358	342	339	6.19	cps
Dysprosium	156-2	57	57	50	54	7.07	cps
Erbium	164-1	267	308	275	283	7.78	cps
Erbium	164-2	63	60	37	53	27.24	cps
Gadolinium	160-1	342	258	408	336	22.36	cps
Gadolinium	160-2	107	87	83	92	13.68	cps
Holmium	165-1	11758708	11928834	11894008	11860517	0.76	cps
Holmium	165-2	2100573	2130951	2145065	2125530	1.07	cps
Indium	115-1	8838861	8926709	8968415	8911328	0.74	cps
Indium	115-2	271775	272431	270128	271444	0.44	cps
Iron	56-2	88719	89211	89771	89234	0.59	cps
Iron	57-2	2189	2434	2284	2302	5.36	cps
Krypton	83-1	270	253	293	272	7.38	cps
Lead	206-1	1022	872	956	950	7.91	cps
Lead	207-1	833	828	767	809	4.57	cps
Lead	208-1	3950	3817	3667	3811	3.72	cps
Lithium	6-1	2290916	2336951	2345574	2324480	1.26	cps
Magnesium	24-2	165520	164340	166018	165293	0.52	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	990223	985500	985091	986938	0.29	cps
Molybdenum	94-1	992	917	975	961	4.10	cps
Molybdenum	95-1	1175	933	1242	1117	14.53	cps
Molybdenum	96-1	1408	1358	1525	1431	5.98	cps
Molybdenum	97-1	725	592	508	608	17.97	cps
Molybdenum	98-1	1392	1617	1784	1597	12.31	cps
Neodymium	150-1	440	487	460	462	5.07	cps
Neodymium	150-2	60	23	27	37	55.30	cps
Nickel	60-2	1760	1747	1914	1807	5.13	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	24856	24965	25482	25101	1.33	cps
Rhodium	103-1	8263296	8272351	8290300	8275316	0.17	cps
Rhodium	103-2	1963890	1956249	1978015	1966051	0.56	cps
Scandium	45-1	5014388	5021117	5094987	5043497	0.89	cps
Scandium	45-2	27076	26722	27343	27047	1.15	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	2	6	0	2	114.63	cps
Selenium	82-1	10	40	-21	10	302.63	cps
Silicon	28-1	28598735	28578171	28657896	28611601	0.14	cps
Silver	109-1	417	333	417	389	12.37	cps
Silver	107-1	467	417	383	422	9.93	cps
Sodium	23-2	200872	201710	199631	200738	0.52	cps
Strontium	86-1	326649	327793	329701	328048	0.47	cps
Strontium	88-1	2901383	2891850	2916022	2903085	0.42	cps
Sulfur	34-1	329739	333759	331410	331636	0.61	cps
Terbium	159-1	12125761	12083159	12159057	12122659	0.31	cps
Terbium	159-2	2005977	2001884	2007539	2005133	0.15	cps
Thallium	203-1	217	158	275	217	26.92	cps
Thallium	205-1	383	475	458	439	11.13	cps
Tin	118-1	12239	12923	12898	12687	3.06	cps
Titanium	47-1	1092	1167	1158	1139	3.61	cps
Uranium	238-1	3467	3984	3334	3595	9.55	cps
Vanadium	51-2	43	27	50	40	30.04	cps
Yttrium	89-1	9038771	9063554	9128501	9076942	0.51	cps
Yttrium	89-2	197970	200267	198666	198968	0.59	cps
Zinc	66-2	670	750	823	748	10.26	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19	Instrumnet Name :	P8
Client Sample ID :	S45-0041	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:13:21	DataFile Name :	043SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1308	1317	1325	1317	0.63	cps
Zirconium	91-1	367	250	300	306	19.15	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	92	75	50	72	29.04	cps
Antimony	121-1	6310	6444	7211	6655	7.30	cps
Arsenic	75-2	74	85	69	76	11.18	cps
Barium	135-1	29300	30085	29317	29567	1.52	cps
Barium	137-1	50740	51167	51627	51178	0.87	cps
Beryllium	9-1	167	128	150	148	13.17	cps
Bismuth	209-1	7746954	7788324	7812945	7782741	0.43	cps
Bismuth	209-2	1756966	1745207	1801429	1767867	1.68	cps
Boron	10-1	3717	4009	4017	3915	4.37	cps
Boron	11-1	16226	17144	16852	16741	2.80	cps
Cadmium	111-1	1273	1283	1166	1241	5.21	cps
Cadmium	106-1	1734	1759	1625	1706	4.16	cps
Cadmium	108-1	4	21	13	13	66.64	cps
Calcium	43-1	538250	544391	549538	544060	1.04	cps
Calcium	44-1	8868765	8855290	8937850	8887302	0.50	cps
Chromium	52-2	520	570	517	536	5.58	cps
Cobalt	59-2	6315	5941	6325	6194	3.53	cps
Copper	63-2	4307	4337	4377	4341	0.81	cps
Dysprosium	156-1	400	367	342	369	7.92	cps
Dysprosium	156-2	83	43	77	68	31.62	cps
Erbium	164-1	308	342	333	328	5.29	cps
Erbium	164-2	87	50	37	58	44.81	cps
Gadolinium	160-1	300	283	267	283	5.88	cps
Gadolinium	160-2	57	53	67	59	11.79	cps
Holmium	165-1	11722690	11790307	11817981	11776993	0.42	cps
Holmium	165-2	2113456	2110965	2120577	2114999	0.24	cps
Indium	115-1	8883323	8920244	8922156	8908574	0.25	cps
Indium	115-2	268424	269472	271633	269843	0.61	cps
Iron	56-2	90559	91789	89832	90727	1.09	cps
Iron	57-2	2478	2411	2317	2402	3.37	cps
Krypton	83-1	257	223	293	258	13.58	cps
Lead	206-1	683	789	711	728	7.52	cps
Lead	207-1	600	639	650	630	4.17	cps
Lead	208-1	2622	2878	2800	2767	4.74	cps
Lithium	6-1	2290215	2326867	2320158	2312413	0.84	cps
Magnesium	24-2	170839	169692	168157	169563	0.79	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1016369	1018952	1012734	1016018	0.31	cps
Molybdenum	94-1	983	1025	1108	1039	6.13	cps
Molybdenum	95-1	992	1175	1067	1078	8.55	cps
Molybdenum	96-1	1350	1175	1283	1270	6.96	cps
Molybdenum	97-1	542	567	617	575	6.64	cps
Molybdenum	98-1	1475	1525	1692	1564	7.25	cps
Neodymium	150-1	467	433	400	433	7.69	cps
Neodymium	150-2	30	50	57	46	30.47	cps
Nickel	60-2	1914	1760	1887	1853	4.42	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	26325	25657	25006	25663	2.57	cps
Rhodium	103-1	8211261	8167744	8292529	8223845	0.77	cps
Rhodium	103-2	1943159	1962918	1969657	1958578	0.70	cps
Scandium	45-1	5015869	5011461	5042412	5023247	0.33	cps
Scandium	45-2	27397	26816	27170	27127	1.08	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	22	88	-8	34	144.19	cps
Silicon	28-1	29044607	29296519	29268978	29203368	0.47	cps
Silver	109-1	525	375	433	444	17.01	cps
Silver	107-1	483	492	408	461	9.95	cps
Sodium	23-2	206419	205065	205529	205671	0.33	cps
Strontium	86-1	335330	337051	336897	336426	0.28	cps
Strontium	88-1	2899951	2982660	2989117	2957243	1.68	cps
Sulfur	34-1	332502	333535	335601	333879	0.47	cps
Terbium	159-1	12134811	12128544	12120678	12128011	0.06	cps
Terbium	159-2	1985958	1988081	2005569	1993203	0.54	cps
Thallium	203-1	167	250	183	200	22.05	cps
Thallium	205-1	442	433	575	483	16.45	cps
Tin	118-1	11322	11998	12039	11786	3.42	cps
Titanium	47-1	1050	1042	1042	1045	0.46	cps
Uranium	238-1	3509	3709	3867	3695	4.86	cps
Vanadium	51-2	33	33	47	38	20.39	cps
Yttrium	89-1	9051532	9122166	9144985	9106228	0.54	cps
Yttrium	89-2	198074	195319	197206	196866	0.72	cps
Zinc	66-2	703	747	680	710	4.77	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUP	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUP	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:16:40	DataFile Name :	044SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1267	1458	1350	1358	7.08	cps
Zirconium	91-1	200	325	300	275	24.05	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	231605	229459	225656	228906	1.32	cps
Antimony	121-1	3713516	3699559	3687848	3700308	0.35	cps
Arsenic	75-2	34027	34344	34289	34220	0.50	cps
Barium	135-1	4148445	4176296	4176998	4167247	0.39	cps
Barium	137-1	7181997	7214515	7150468	7182327	0.45	cps
Beryllium	9-1	627736	626729	620824	625096	0.60	cps
Bismuth	209-1	6686943	7519623	7484468	7230345	6.51	cps
Bismuth	209-2	1901666	1874828	1904852	1893782	0.87	cps
Boron	10-1	68079	69259	72425	69921	3.21	cps
Boron	11-1	305917	319320	325645	316961	3.18	cps
Cadmium	111-1	807928	810848	810325	809700	0.19	cps
Cadmium	106-1	86476	86738	87055	86756	0.33	cps
Cadmium	108-1	59703	58548	58133	58794	1.38	cps
Calcium	43-1	4534649	4534966	4574280	4547965	0.50	cps
Calcium	44-1	75118420	74136568	74261402	74505463	0.72	cps
Chromium	52-2	334706	334671	333679	334352	0.17	cps
Cobalt	59-2	718281	712490	713631	714801	0.43	cps
Copper	63-2	1222898	1209682	1212557	1215046	0.57	cps
Dysprosium	156-1	108	92	100	100	8.33	cps
Dysprosium	156-2	17	17	10	14	26.66	cps
Erbium	164-1	67	50	25	47	44.41	cps
Erbium	164-2	10	7	7	8	24.71	cps
Gadolinium	160-1	100	125	108	111	11.46	cps
Gadolinium	160-2	7	17	20	14	48.02	cps
Holmium	165-1	11153579	12455687	12376376	11995214	6.09	cps
Holmium	165-2	2416826	2385788	2402873	2401829	0.65	cps
Indium	115-1	8429215	9303790	9328138	9020381	5.68	cps
Indium	115-2	320915	321687	324991	322531	0.67	cps
Iron	56-2	53727408	53518193	53401115	53548905	0.31	cps
Iron	57-2	1352123	1343440	1346171	1347245	0.33	cps
Krypton	83-1	343	333	283	320	10.05	cps
Lead	206-1	2596729	2624831	2619320	2613627	0.57	cps
Lead	207-1	2381863	2409698	2402983	2398181	0.61	cps
Lead	208-1	10578307	10672951	10609138	10620132	0.45	cps
Lithium	6-1	2022638	2284567	2271561	2192922	6.73	cps
Magnesium	24-2	6004547	5882944	5883248	5923580	1.18	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	170526	168161	169068	169252	0.70	cps
Molybdenum	94-1	6868277	6827736	6852437	6849483	0.30	cps
Molybdenum	95-1	8397522	8344399	8349151	8363691	0.35	cps
Molybdenum	96-1	9260746	9298897	9316231	9291958	0.31	cps
Molybdenum	97-1	5312386	5328838	5283362	5308195	0.43	cps
Molybdenum	98-1	13446979	13445353	13543117	13478483	0.42	cps
Neodymium	150-1	173	240	187	200	17.64	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	213091	210790	211328	211736	0.57	cps
Phosphorus	31-2	2292	2792	2884	2656	11.99	cps
Potassium	39-2	1406993	1403683	1425232	1411970	0.82	cps
Rhodium	103-1	7752230	8587158	8616851	8318747	5.90	cps
Rhodium	103-2	2179433	2163326	2167366	2170041	0.39	cps
Scandium	45-1	5242276	5779942	5792195	5604804	5.60	cps
Scandium	45-2	36417	36083	36932	36477	1.17	cps
Selenium	77-2	183	187	180	183	1.82	cps
Selenium	78-2	769	739	737	748	2.36	cps
Selenium	82-1	50839	50492	50219	50516	0.62	cps
Silicon	28-1	2039573	2072121	2075256	2062317	0.96	cps
Silver	109-1	3879005	3868236	3924506	3890582	0.77	cps
Silver	107-1	4094966	4068977	4070816	4078253	0.36	cps
Sodium	23-2	13803327	13675608	13692898	13723944	0.50	cps
Strontium	86-1	1057581	1062621	1070296	1063499	0.60	cps
Strontium	88-1	9150261	9209235	9246706	9202067	0.53	cps
Sulfur	34-1	622263	626678	623017	623986	0.38	cps
Terbium	159-1	11413758	12704015	12768036	12295270	6.21	cps
Terbium	159-2	2270519	2296082	2299902	2288834	0.70	cps
Thallium	203-1	3207645	3216860	3229663	3218056	0.34	cps
Thallium	205-1	7555777	7455854	7523138	7511590	0.68	cps
Tin	118-1	2742957	2772207	2766396	2760520	0.56	cps
Titanium	47-1	2323007	2305926	2353990	2327641	1.05	cps
Uranium	238-1	10412733	10278196	10340153	10343694	0.65	cps
Vanadium	51-2	241045	236726	239509	239093	0.92	cps
Yttrium	89-1	8966124	10088160	10008207	9687497	6.46	cps
Yttrium	89-2	249455	246499	249158	248371	0.66	cps
Zinc	66-2	97862	96073	97264	97066	0.94	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV11	Instrumnet Name :	P8
Client Sample ID :	CCV11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:23:33	DataFile Name :	045CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5759935	5803752	5817516	5793734	0.52	cps
Zirconium	91-1	1274115	1284977	1275547	1278213	0.46	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : CCB11 Instrumnet Name : P8
 Client Sample ID : CCB11 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 16:36:17 DataFile Name : 046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	50	25	31	56.77	cps
Antimony	121-1	1150	1142	983	1092	8.60	cps
Arsenic	75-2	0	2	4	2	100.00	cps
Barium	135-1	58	67	42	56	22.91	cps
Barium	137-1	83	42	117	81	46.64	cps
Beryllium	9-1	139	167	67	124	41.60	cps
Bismuth	209-1	7648766	7564572	7639474	7617604	0.61	cps
Bismuth	209-2	1962181	1978201	1965614	1968665	0.43	cps
Boron	10-1	1275	1225	1117	1206	6.71	cps
Boron	11-1	5193	5009	4876	5026	3.16	cps
Cadmium	111-1	1345	1304	1420	1356	4.35	cps
Cadmium	106-1	1900	1792	1984	1892	5.08	cps
Cadmium	108-1	8	13	8	10	24.77	cps
Calcium	43-1	575	542	600	572	5.12	cps
Calcium	44-1	18705	18288	18805	18599	1.48	cps
Chromium	52-2	503	417	450	457	9.57	cps
Cobalt	59-2	47	57	60	54	12.74	cps
Copper	63-2	493	480	407	460	10.15	cps
Dysprosium	156-1	8	17	8	11	43.34	cps
Dysprosium	156-2	0	7	0	2	173.21	cps
Erbium	164-1	67	17	33	39	65.47	cps
Erbium	164-2	3	3	0	2	86.60	cps
Gadolinium	160-1	50	83	50	61	31.50	cps
Gadolinium	160-2	3	13	7	8	65.47	cps
Holmium	165-1	11902195	11962097	11919512	11927935	0.26	cps
Holmium	165-2	2354751	2363784	2406402	2374979	1.16	cps
Indium	115-1	9452635	9419294	9498190	9456706	0.42	cps
Indium	115-2	330771	328632	333192	330865	0.69	cps
Iron	56-2	1561	1589	1639	1596	2.47	cps
Iron	57-2	44	83	50	59	35.49	cps
Krypton	83-1	290	267	290	282	4.77	cps
Lead	206-1	328	361	400	363	9.96	cps
Lead	207-1	311	306	372	330	11.22	cps
Lead	208-1	1356	1417	1489	1420	4.70	cps
Lithium	6-1	2328564	2359975	2388169	2358903	1.26	cps
Magnesium	24-2	217	167	233	206	16.88	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:36:17	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	57	57	58	3.33	cps
Molybdenum	94-1	883	1067	967	972	9.44	cps
Molybdenum	95-1	433	475	458	456	4.60	cps
Molybdenum	96-1	808	567	800	725	18.92	cps
Molybdenum	97-1	342	400	317	353	12.12	cps
Molybdenum	98-1	717	725	783	742	4.90	cps
Neodymium	150-1	0	0	13	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	47	100	73	73	36.36	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1600	1542	1517	1553	2.76	cps
Rhodium	103-1	8907023	8949425	8911556	8922668	0.26	cps
Rhodium	103-2	2293168	2288786	2289089	2290347	0.11	cps
Scandium	45-1	5664893	5621801	5689531	5658742	0.61	cps
Scandium	45-2	34887	35361	36193	35481	1.86	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	6	2	2	114.63	cps
Selenium	82-1	21	32	14	22	41.51	cps
Silicon	28-1	248899	250715	250450	250021	0.39	cps
Silver	109-1	225	208	283	239	16.48	cps
Silver	107-1	325	217	350	297	23.85	cps
Sodium	23-2	4809	4626	4726	4720	1.95	cps
Strontium	86-1	583	583	383	517	22.35	cps
Strontium	88-1	375	350	350	358	4.03	cps
Sulfur	34-1	371698	370742	369475	370638	0.30	cps
Terbium	159-1	12292964	12282383	12351141	12308830	0.30	cps
Terbium	159-2	2232747	2254440	2271624	2252937	0.86	cps
Thallium	203-1	292	242	150	228	31.54	cps
Thallium	205-1	567	633	742	647	13.65	cps
Tin	118-1	1550	1592	1550	1564	1.54	cps
Titanium	47-1	125	167	350	214	55.97	cps
Uranium	238-1	42	58	25	42	40.00	cps
Vanadium	51-2	0	10	10	7	86.60	cps
Yttrium	89-1	9682795	9849139	9833140	9788358	0.94	cps
Yttrium	89-2	247141	244113	245570	245608	0.62	cps
Zinc	66-2	73	53	67	64	15.81	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB11	Instrumnet Name :	P8
Client Sample ID :	CCB11	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:36:17	DataFile Name :	046CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2242	2034	2117	2131	4.92	cps
Zirconium	91-1	592	450	433	492	17.69	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BL	Instrumnet Name :	P8
Client Sample ID :	PB110970BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:39:37	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	8	17	50.01	cps
Antimony	121-1	633	717	825	725	13.26	cps
Arsenic	75-2	4	0	4	2	86.60	cps
Barium	135-1	67	25	92	61	55.11	cps
Barium	137-1	67	42	50	53	24.12	cps
Beryllium	9-1	150	183	161	165	10.30	cps
Bismuth	209-1	7872435	8025091	7814973	7904166	1.37	cps
Bismuth	209-2	1913124	2027783	1936451	1959119	3.09	cps
Boron	10-1	1092	1042	1133	1089	4.22	cps
Boron	11-1	4976	4809	4234	4673	8.33	cps
Cadmium	111-1	1390	1535	1415	1446	5.36	cps
Cadmium	106-1	1942	2175	1992	2036	6.03	cps
Cadmium	108-1	4	13	13	10	49.46	cps
Calcium	43-1	633	500	625	586	12.74	cps
Calcium	44-1	18764	18154	18096	18338	2.02	cps
Chromium	52-2	467	453	377	432	11.24	cps
Cobalt	59-2	53	50	43	49	10.42	cps
Copper	63-2	380	523	437	447	16.16	cps
Dysprosium	156-1	8	33	25	22	57.29	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	75	33	75	61	39.37	cps
Erbium	164-2	0	10	10	7	86.60	cps
Gadolinium	160-1	75	42	58	58	28.57	cps
Gadolinium	160-2	7	10	0	6	91.64	cps
Holmium	165-1	12324198	12345215	12247935	12305783	0.42	cps
Holmium	165-2	2333574	2440390	2347732	2373899	2.44	cps
Indium	115-1	9753152	9789446	9771721	9771440	0.19	cps
Indium	115-2	326687	338898	325251	330278	2.27	cps
Iron	56-2	1645	1550	1633	1609	3.21	cps
Iron	57-2	33	50	50	44	21.66	cps
Krypton	83-1	303	330	320	318	4.24	cps
Lead	206-1	339	356	311	335	6.70	cps
Lead	207-1	289	322	372	328	12.80	cps
Lead	208-1	1495	1489	1461	1482	1.21	cps
Lithium	6-1	2435233	2446588	2460341	2447388	0.51	cps
Magnesium	24-2	175	150	225	183	20.83	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BL	Instrumnet Name :	P8
Client Sample ID :	PB110970BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:39:37	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	40	27	57	41	36.56	cps
Molybdenum	94-1	883	683	858	808	13.48	cps
Molybdenum	95-1	442	392	375	403	8.61	cps
Molybdenum	96-1	733	600	525	619	17.03	cps
Molybdenum	97-1	208	258	242	236	10.78	cps
Molybdenum	98-1	617	650	617	628	3.07	cps
Neodymium	150-1	0	13	0	4	173.21	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	50	77	50	59	26.15	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1583	1650	1583	1606	2.40	cps
Rhodium	103-1	9201567	9350655	9159508	9237243	1.09	cps
Rhodium	103-2	2268368	2340900	2296458	2301909	1.59	cps
Scandium	45-1	5858886	5952795	5929664	5913782	0.83	cps
Scandium	45-2	33670	36210	34158	34680	3.89	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	21	-40	-34	-17	-193.97	cps
Silicon	28-1	247375	248158	248111	247882	0.18	cps
Silver	109-1	133	242	283	219	35.28	cps
Silver	107-1	283	225	267	258	11.63	cps
Sodium	23-2	4818	4818	4659	4765	1.92	cps
Strontium	86-1	475	517	517	503	4.78	cps
Strontium	88-1	275	442	342	353	23.78	cps
Sulfur	34-1	371919	375756	373614	373763	0.51	cps
Terbium	159-1	12621079	12739299	12735043	12698474	0.53	cps
Terbium	159-2	2199817	2294414	2201796	2232009	2.42	cps
Thallium	203-1	225	200	200	208	6.93	cps
Thallium	205-1	617	600	675	631	6.25	cps
Tin	118-1	1500	1634	1734	1622	7.22	cps
Titanium	47-1	167	208	108	161	31.18	cps
Uranium	238-1	33	50	33	39	24.75	cps
Vanadium	51-2	13	13	0	9	86.60	cps
Yttrium	89-1	10088788	10215443	10090235	10131489	0.72	cps
Yttrium	89-2	241967	250877	241922	244922	2.11	cps
Zinc	66-2	123	113	80	106	21.50	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BL	Instrumnet Name :	P8
Client Sample ID :	PB110970BL	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:39:37	DataFile Name :	047CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1584	1642	1583	3.68	cps
Zirconium	91-1	408	292	425	375	19.37	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	46586	46210	45884	46226	0.76	cps
Antimony	121-1	4007241	4001677	4038948	4015955	0.50	cps
Arsenic	75-2	34758	34751	34538	34682	0.36	cps
Barium	135-1	4266330	4229472	4258079	4251293	0.45	cps
Barium	137-1	7296016	7302640	7273918	7290858	0.21	cps
Beryllium	9-1	655334	652136	652199	653223	0.28	cps
Bismuth	209-1	7913435	7621258	7640989	7725227	2.11	cps
Bismuth	209-2	1983928	1957725	1974063	1971906	0.67	cps
Boron	10-1	69435	70841	70926	70401	1.19	cps
Boron	11-1	308765	320303	328050	319039	3.04	cps
Cadmium	111-1	861106	851659	860054	857606	0.60	cps
Cadmium	106-1	91384	92793	93136	92438	1.00	cps
Cadmium	108-1	61807	62067	61330	61735	0.61	cps
Calcium	43-1	939610	937407	937803	938273	0.13	cps
Calcium	44-1	15442127	15356002	15329356	15375829	0.38	cps
Chromium	52-2	332150	330187	330331	330889	0.33	cps
Cobalt	59-2	734174	733171	731320	732889	0.20	cps
Copper	63-2	1283867	1282493	1281515	1282625	0.09	cps
Dysprosium	156-1	67	67	58	64	7.53	cps
Dysprosium	156-2	7	10	3	7	50.03	cps
Erbium	164-1	42	33	58	44	28.65	cps
Erbium	164-2	0	13	17	10	88.20	cps
Gadolinium	160-1	100	58	50	69	38.57	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	12636417	12042904	12285100	12321474	2.42	cps
Holmium	165-2	2450061	2424817	2433694	2436191	0.53	cps
Indium	115-1	9821789	9254911	9442168	9506289	3.04	cps
Indium	115-2	332327	325109	329518	328985	1.11	cps
Iron	56-2	11019096	10917397	10902718	10946404	0.58	cps
Iron	57-2	276067	275811	276649	276176	0.16	cps
Krypton	83-1	293	247	353	298	17.96	cps
Lead	206-1	2698054	2721412	2702961	2707476	0.45	cps
Lead	207-1	2484328	2466748	2439389	2463489	0.92	cps
Lead	208-1	11016638	11021492	10912221	10983450	0.56	cps
Lithium	6-1	2466998	2348437	2391065	2402167	2.50	cps
Magnesium	24-2	1264052	1239780	1253849	1252560	0.97	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	174420	171566	172416	172800	0.85	cps
Molybdenum	94-1	6917879	6846891	6980192	6914987	0.96	cps
Molybdenum	95-1	8524776	8452826	8512564	8496722	0.45	cps
Molybdenum	96-1	9474535	9457989	9505262	9479262	0.25	cps
Molybdenum	97-1	5394598	5370523	5429917	5398346	0.55	cps
Molybdenum	98-1	13739800	13592095	13658237	13663377	0.54	cps
Neodymium	150-1	173	147	180	167	10.58	cps
Neodymium	150-2	3	10	3	6	69.34	cps
Nickel	60-2	217311	215795	214698	215935	0.61	cps
Phosphorus	31-2	2809	2609	2992	2803	6.84	cps
Potassium	39-2	285694	281502	280857	282684	0.93	cps
Rhodium	103-1	9101471	8629314	8764932	8831906	2.75	cps
Rhodium	103-2	2277229	2233446	2250188	2253621	0.98	cps
Scandium	45-1	5938056	5664460	5772425	5791647	2.38	cps
Scandium	45-2	36731	36494	36441	36555	0.42	cps
Selenium	77-2	207	263	250	240	12.35	cps
Selenium	78-2	720	765	765	750	3.42	cps
Selenium	82-1	52829	52338	53196	52788	0.82	cps
Silicon	28-1	2018813	2010210	1996739	2008587	0.55	cps
Silver	109-1	4165366	4157660	4169776	4164267	0.15	cps
Silver	107-1	4302686	4312489	4302087	4305754	0.14	cps
Sodium	23-2	2868274	2835318	2884729	2862774	0.88	cps
Strontium	86-1	1082089	1083177	1088100	1084455	0.30	cps
Strontium	88-1	9397535	9335983	9422885	9385468	0.48	cps
Sulfur	34-1	640686	636726	641723	639712	0.41	cps
Terbium	159-1	13075425	12353778	12607660	12678954	2.89	cps
Terbium	159-2	2331494	2298909	2301484	2310629	0.78	cps
Thallium	203-1	3340452	3331983	3330235	3334223	0.16	cps
Thallium	205-1	7821366	7803476	7755624	7793489	0.44	cps
Tin	118-1	2878159	2833001	2823511	2844890	1.03	cps
Titanium	47-1	2388729	2356523	2366945	2370732	0.69	cps
Uranium	238-1	10507578	10447114	10474046	10476246	0.29	cps
Vanadium	51-2	241787	240501	240078	240789	0.37	cps
Yttrium	89-1	10273691	9735983	9956111	9988595	2.71	cps
Yttrium	89-2	251222	246835	249988	249348	0.91	cps
Zinc	66-2	102985	102820	102680	102828	0.15	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	PB110970BS	Instrumnet Name :	P8
Client Sample ID :	PB110970BS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:42:57	DataFile Name :	048LCS6.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5846783	5845418	5896136	5862779	0.49	cps
Zirconium	91-1	1291275	1282051	1292010	1288445	0.43	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	92	17	50	76.37	cps
Antimony	121-1	15602	12690	10488	12926	19.84	cps
Arsenic	75-2	26	15	22	21	26.98	cps
Barium	135-1	5910	6218	5560	5896	5.59	cps
Barium	137-1	10830	10505	10229	10521	2.86	cps
Beryllium	9-1	283	283	378	315	17.32	cps
Bismuth	209-1	7713350	7794503	7859862	7789238	0.94	cps
Bismuth	209-2	1921399	1905506	1844103	1890336	2.16	cps
Boron	10-1	4226	3751	3517	3831	9.43	cps
Boron	11-1	18980	17879	16777	17879	6.16	cps
Cadmium	111-1	1377	1438	1583	1466	7.23	cps
Cadmium	106-1	1792	1859	2092	1914	8.23	cps
Cadmium	108-1	33	13	21	22	47.18	cps
Calcium	43-1	113430	112085	112776	112764	0.60	cps
Calcium	44-1	1911538	1906188	1892064	1903263	0.53	cps
Chromium	52-2	583	500	460	514	12.23	cps
Cobalt	59-2	1440	1517	1333	1430	6.44	cps
Copper	63-2	1403	1277	1300	1327	5.08	cps
Dysprosium	156-1	125	67	67	86	39.11	cps
Dysprosium	156-2	20	10	3	11	75.52	cps
Erbium	164-1	133	108	75	106	27.72	cps
Erbium	164-2	30	7	17	18	65.83	cps
Gadolinium	160-1	67	58	125	83	43.59	cps
Gadolinium	160-2	20	10	23	18	39.03	cps
Holmium	165-1	11833116	12022022	12048313	11967817	0.98	cps
Holmium	165-2	2241584	2249134	2172403	2221040	1.90	cps
Indium	115-1	9252875	9285757	9357629	9298754	0.58	cps
Indium	115-2	303087	302315	292191	299198	2.03	cps
Iron	56-2	20872	21589	20888	21116	1.94	cps
Iron	57-2	500	556	433	496	12.33	cps
Krypton	83-1	303	353	280	312	12.00	cps
Lead	206-1	656	778	683	706	9.08	cps
Lead	207-1	661	667	628	652	3.23	cps
Lead	208-1	3017	2945	2878	2947	2.36	cps
Lithium	6-1	2273448	2286034	2305134	2288205	0.70	cps
Magnesium	24-2	36381	38478	36698	37186	3.04	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	219598	217976	218169	218581	0.41	cps
Molybdenum	94-1	4109	3892	3317	3773	10.85	cps
Molybdenum	95-1	5210	4409	4059	4559	12.93	cps
Molybdenum	96-1	5618	4793	4293	4901	13.66	cps
Molybdenum	97-1	3384	2734	2592	2903	14.54	cps
Molybdenum	98-1	8461	7010	6318	7263	15.06	cps
Neodymium	150-1	107	113	100	107	6.25	cps
Neodymium	150-2	7	13	13	11	34.61	cps
Nickel	60-2	423	490	443	452	7.57	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	7236	7010	6902	7049	2.41	cps
Rhodium	103-1	8657775	8715715	8740157	8704549	0.49	cps
Rhodium	103-2	2132210	2102932	2049124	2094755	2.01	cps
Scandium	45-1	5424898	5452282	5434511	5437230	0.26	cps
Scandium	45-2	31385	31282	30360	31009	1.82	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	0	1	173.21	cps
Selenium	82-1	-11	-83	39	-18	-332.07	cps
Silicon	28-1	6392558	6334857	6398633	6375349	0.55	cps
Silver	109-1	2055	1333	1242	1543	28.85	cps
Silver	107-1	1634	1475	1325	1478	10.43	cps
Sodium	23-2	49780	49755	49002	49512	0.89	cps
Strontium	86-1	68246	68054	69586	68629	1.22	cps
Strontium	88-1	581961	587151	585395	584836	0.45	cps
Sulfur	34-1	339465	337188	337153	337935	0.39	cps
Terbium	159-1	12119919	12381610	12262551	12254693	1.07	cps
Terbium	159-2	2152038	2120398	2063628	2112021	2.12	cps
Thallium	203-1	1917	1383	1192	1497	25.09	cps
Thallium	205-1	3892	3159	2800	3284	16.95	cps
Tin	118-1	5443	5168	4593	5068	8.56	cps
Titanium	47-1	608	575	567	583	3.78	cps
Uranium	238-1	1625	1467	1392	1495	7.97	cps
Vanadium	51-2	20	20	20	20	0.00	cps
Yttrium	89-1	9393206	9648004	9483421	9508210	1.36	cps
Yttrium	89-2	222929	219850	212737	218505	2.39	cps
Zinc	66-2	200	160	160	173	13.33	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LX5	Instrumnet Name :	P8
Client Sample ID :	S45-0041L	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 16:46:09	DataFile Name :	049SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5344	3459	3192	3998	29.34	cps
Zirconium	91-1	783	725	625	711	11.26	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33716	32313	31987	32672	2.81	cps
Antimony	121-1	3723422	3728295	3767942	3739886	0.65	cps
Arsenic	75-2	27735	28299	27544	27860	1.41	cps
Barium	135-1	3791337	3825095	3842773	3819735	0.68	cps
Barium	137-1	6463373	6571554	6668163	6567697	1.56	cps
Beryllium	9-1	564202	563210	562147	563186	0.18	cps
Bismuth	209-1	7775142	7452546	7751523	7659737	2.35	cps
Bismuth	209-2	1754165	1728661	1713546	1732124	1.19	cps
Boron	10-1	62504	64520	64646	63890	1.88	cps
Boron	11-1	276314	279636	286526	280825	1.85	cps
Cadmium	111-1	765596	775541	778144	773094	0.86	cps
Cadmium	106-1	83669	82452	82805	82975	0.75	cps
Cadmium	108-1	55388	54936	55506	55277	0.54	cps
Calcium	43-1	1379502	1381525	1354700	1371909	1.09	cps
Calcium	44-1	21909516	21880441	21956932	21915630	0.18	cps
Chromium	52-2	267183	263871	261620	264224	1.06	cps
Cobalt	59-2	605394	602968	603887	604083	0.20	cps
Copper	63-2	1036172	1032675	1028916	1032588	0.35	cps
Dysprosium	156-1	333	358	350	347	3.67	cps
Dysprosium	156-2	60	77	47	61	24.60	cps
Erbium	164-1	300	425	350	358	17.56	cps
Erbium	164-2	43	53	67	54	21.51	cps
Gadolinium	160-1	300	350	375	342	11.18	cps
Gadolinium	160-2	67	70	80	72	9.61	cps
Holmium	165-1	11807489	11446861	11952033	11735461	2.22	cps
Holmium	165-2	2150153	2117564	2140758	2136158	0.79	cps
Indium	115-1	8720549	8514919	8778230	8671233	1.60	cps
Indium	115-2	271064	267221	267178	268488	0.83	cps
Iron	56-2	8529637	8513940	8479598	8507725	0.30	cps
Iron	57-2	216332	211487	212912	213577	1.17	cps
Krypton	83-1	283	317	290	297	5.95	cps
Lead	206-1	2651153	2634818	2633539	2639837	0.37	cps
Lead	207-1	2326206	2337427	2362359	2341997	0.79	cps
Lead	208-1	10516853	10552423	10633572	10567616	0.57	cps
Lithium	6-1	2408769	2335654	2416186	2386870	1.86	cps
Magnesium	24-2	1115012	1133607	1109867	1119495	1.12	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1165080	1156143	1152046	1157756	0.58	cps
Molybdenum	94-1	6135387	6132713	6160257	6142786	0.25	cps
Molybdenum	95-1	7391201	7397637	7432132	7406990	0.30	cps
Molybdenum	96-1	8217916	8282912	8328678	8276502	0.67	cps
Molybdenum	97-1	4674397	4748896	4708599	4710630	0.79	cps
Molybdenum	98-1	11848948	11996944	12050900	11965597	0.87	cps
Neodymium	150-1	527	560	660	582	11.92	cps
Neodymium	150-2	40	47	37	41	12.39	cps
Nickel	60-2	181631	180118	179946	180565	0.51	cps
Phosphorus	31-2	17	8	17	14	34.67	cps
Potassium	39-2	230457	228364	227135	228652	0.73	cps
Rhodium	103-1	8098145	7890871	8236507	8075174	2.15	cps
Rhodium	103-2	1950435	1917686	1941188	1936436	0.87	cps
Scandium	45-1	5127505	4949603	5087946	5055018	1.85	cps
Scandium	45-2	28158	27020	27935	27704	2.18	cps
Selenium	77-2	183	173	210	189	10.04	cps
Selenium	78-2	617	639	604	620	2.87	cps
Selenium	82-1	46379	47126	47683	47063	1.39	cps
Silicon	28-1	30728990	30559234	30444985	30577736	0.47	cps
Silver	109-1	2996701	2998138	3049408	3014749	1.00	cps
Silver	107-1	3131075	3187328	3191039	3169814	1.06	cps
Sodium	23-2	2472174	2412423	2413546	2432714	1.40	cps
Strontium	86-1	1309246	1296997	1317517	1307920	0.79	cps
Strontium	88-1	11183337	11291669	11234411	11236472	0.48	cps
Sulfur	34-1	338049	333781	335047	335626	0.65	cps
Terbium	159-1	12051764	11738844	12215603	12002070	2.02	cps
Terbium	159-2	2030103	2006620	2044535	2027086	0.94	cps
Thallium	203-1	3265614	3254617	3275610	3265280	0.32	cps
Thallium	205-1	7556867	7614441	7646061	7605789	0.59	cps
Tin	118-1	2389055	2423575	2449222	2420617	1.25	cps
Titanium	47-1	1968281	1959840	1959538	1962553	0.25	cps
Uranium	238-1	10432060	10512980	10498243	10481094	0.41	cps
Vanadium	51-2	192831	189766	190938	191178	0.81	cps
Yttrium	89-1	9043204	8815748	9235008	9031320	2.32	cps
Yttrium	89-2	201469	198261	198334	199355	0.92	cps
Zinc	66-2	79449	77780	78504	78578	1.07	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20	Instrumnet Name :	P8
Client Sample ID :	S45-0041MS	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:49:28	DataFile Name :	050SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5282911	5319433	5321887	5308077	0.41	cps
Zirconium	91-1	1172907	1170661	1177265	1173611	0.29	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32580	29014	30751	30782	5.79	cps
Antimony	121-1	3671730	3674895	3713386	3686670	0.63	cps
Arsenic	75-2	27093	24770	25759	25874	4.51	cps
Barium	135-1	3719176	3753172	3771909	3748086	0.71	cps
Barium	137-1	6479912	6532217	6576973	6529701	0.74	cps
Beryllium	9-1	551042	552556	555888	553162	0.45	cps
Bismuth	209-1	7743697	7295441	7530884	7523341	2.98	cps
Bismuth	209-2	1736254	1553708	1639830	1643264	5.56	cps
Boron	10-1	60629	63190	64965	62928	3.46	cps
Boron	11-1	273910	283206	284615	280577	2.07	cps
Cadmium	111-1	760648	774551	776607	770602	1.13	cps
Cadmium	106-1	81740	83164	81915	82273	0.94	cps
Cadmium	108-1	54849	55581	55401	55277	0.69	cps
Calcium	43-1	1328133	1329507	1349898	1335846	0.91	cps
Calcium	44-1	21526631	21757159	21794733	21692841	0.67	cps
Chromium	52-2	256699	236304	247057	246687	4.14	cps
Cobalt	59-2	593322	542914	564340	566859	4.46	cps
Copper	63-2	1017401	938811	968662	974958	4.07	cps
Dysprosium	156-1	383	358	342	361	5.81	cps
Dysprosium	156-2	53	40	70	54	27.61	cps
Erbium	164-1	300	317	267	294	8.65	cps
Erbium	164-2	40	43	27	37	24.04	cps
Gadolinium	160-1	192	392	292	292	34.29	cps
Gadolinium	160-2	77	60	67	68	12.38	cps
Holmium	165-1	12132830	11284449	11799719	11738999	3.64	cps
Holmium	165-2	2138431	1928050	2055197	2040559	5.19	cps
Indium	115-1	8867044	8277154	8608200	8584132	3.44	cps
Indium	115-2	264948	244389	255180	254839	4.04	cps
Iron	56-2	8355586	7638995	7911530	7968704	4.54	cps
Iron	57-2	209364	192125	199668	200385	4.31	cps
Krypton	83-1	337	317	280	311	9.24	cps
Lead	206-1	2593881	2623087	2622598	2613189	0.64	cps
Lead	207-1	2262925	2333147	2336872	2310981	1.80	cps
Lead	208-1	10420959	10547971	10598349	10522426	0.87	cps
Lithium	6-1	2406312	2316921	2337030	2353421	1.99	cps
Magnesium	24-2	1094066	997844	1037286	1043065	4.64	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1067431	972946	1015844	1018740	4.64	cps
Molybdenum	94-1	6075413	6100599	6087029	6087680	0.21	cps
Molybdenum	95-1	7286091	7315148	7372793	7324677	0.60	cps
Molybdenum	96-1	8176671	8198895	8173528	8183031	0.17	cps
Molybdenum	97-1	4660136	4668855	4709796	4679596	0.57	cps
Molybdenum	98-1	11802630	11881673	11939213	11874505	0.58	cps
Neodymium	150-1	500	593	627	573	11.45	cps
Neodymium	150-2	47	27	30	34	31.11	cps
Nickel	60-2	177853	163680	169294	170276	4.19	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	221788	200180	212991	211653	5.13	cps
Rhodium	103-1	8246826	7854630	8086690	8062716	2.45	cps
Rhodium	103-2	1924902	1774098	1870874	1856625	4.12	cps
Scandium	45-1	5077684	4818473	4908139	4934765	2.67	cps
Scandium	45-2	27614	25153	26248	26338	4.68	cps
Selenium	77-2	190	190	177	186	4.15	cps
Selenium	78-2	537	517	609	554	8.78	cps
Selenium	82-1	46637	47136	47069	46947	0.58	cps
Silicon	28-1	29843140	30115618	30139500	30032753	0.55	cps
Silver	109-1	2999786	3003895	2998160	3000614	0.10	cps
Silver	107-1	3135650	3161627	3125990	3141089	0.59	cps
Sodium	23-2	2415010	2177021	2277337	2289789	5.22	cps
Strontium	86-1	1281375	1293319	1290466	1288387	0.48	cps
Strontium	88-1	10960042	11026812	11060659	11015838	0.46	cps
Sulfur	34-1	331641	331446	328288	330458	0.57	cps
Terbium	159-1	12425710	11612367	12120980	12053019	3.41	cps
Terbium	159-2	2017312	1840397	1960136	1939282	4.66	cps
Thallium	203-1	3223745	3254431	3269028	3249068	0.71	cps
Thallium	205-1	7559439	7629399	7617488	7602109	0.49	cps
Tin	118-1	2404172	2431204	2406174	2413850	0.62	cps
Titanium	47-1	1911440	1937961	1947583	1932328	0.97	cps
Uranium	238-1	10473334	10623976	10534013	10543774	0.72	cps
Vanadium	51-2	186955	170592	178639	178729	4.58	cps
Yttrium	89-1	9272895	8666810	8995106	8978270	3.38	cps
Yttrium	89-2	198247	180896	191834	190326	4.61	cps
Zinc	66-2	76952	71299	72924	73725	3.95	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSD	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:52:40	DataFile Name :	051SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5258602	5252663	5269490	5260252	0.16	cps
Zirconium	91-1	1148633	1161998	1159918	1156849	0.62	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	32004	31995	32855	32285	1.53	cps
Antimony	121-1	3708612	3709325	3755238	3724391	0.72	cps
Arsenic	75-2	27327	27568	27275	27390	0.57	cps
Barium	135-1	3821812	3821704	3853346	3832287	0.48	cps
Barium	137-1	6600975	6588114	6692433	6627174	0.86	cps
Beryllium	9-1	555255	555323	556725	555768	0.15	cps
Bismuth	209-1	7720209	7711823	6727896	7386643	7.72	cps
Bismuth	209-2	1701073	1738092	1706410	1715192	1.17	cps
Boron	10-1	63357	64814	65434	64535	1.65	cps
Boron	11-1	278946	284264	290505	284572	2.03	cps
Cadmium	111-1	771746	767831	778175	772584	0.68	cps
Cadmium	106-1	82571	81781	84564	82972	1.73	cps
Cadmium	108-1	54585	55468	55380	55144	0.88	cps
Calcium	43-1	1367603	1361721	1347500	1358941	0.76	cps
Calcium	44-1	21909482	21854262	21910253	21891332	0.15	cps
Chromium	52-2	261923	259059	262648	261210	0.73	cps
Cobalt	59-2	603865	594219	599734	599273	0.81	cps
Copper	63-2	1023660	1026212	1029295	1026389	0.27	cps
Dysprosium	156-1	500	450	300	417	24.98	cps
Dysprosium	156-2	63	73	63	67	8.66	cps
Erbium	164-1	317	342	333	331	3.85	cps
Erbium	164-2	63	53	33	50	30.55	cps
Gadolinium	160-1	350	383	342	358	6.15	cps
Gadolinium	160-2	47	90	77	71	31.21	cps
Holmium	165-1	12004120	12064821	10501660	11523533	7.68	cps
Holmium	165-2	2136855	2138281	2166740	2147292	0.79	cps
Indium	115-1	8805626	8857444	7709242	8457437	7.67	cps
Indium	115-2	267079	264945	265542	265855	0.41	cps
Iron	56-2	8458808	8404793	8425940	8429847	0.32	cps
Iron	57-2	214017	212240	211914	212724	0.53	cps
Krypton	83-1	307	320	373	333	10.58	cps
Lead	206-1	2650060	2692288	2677103	2673150	0.80	cps
Lead	207-1	2309385	2355094	2381217	2348565	1.55	cps
Lead	208-1	10539659	10693033	10738691	10657128	0.98	cps
Lithium	6-1	2342042	2358200	2118404	2272882	5.90	cps
Magnesium	24-2	1090108	1092357	1097536	1093334	0.35	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	1131359	1123133	1123847	1126113	0.40	cps
Molybdenum	94-1	6076489	6025506	6166070	6089355	1.17	cps
Molybdenum	95-1	7381061	7299081	7441595	7373912	0.97	cps
Molybdenum	96-1	8182200	8147681	8318140	8216007	1.10	cps
Molybdenum	97-1	4691845	4638203	4752456	4694168	1.22	cps
Molybdenum	98-1	11813693	11836239	12045499	11898477	1.07	cps
Neodymium	150-1	520	627	493	547	12.91	cps
Neodymium	150-2	40	37	40	39	4.94	cps
Nickel	60-2	179956	179543	179415	179638	0.16	cps
Phosphorus	31-2	0	0	33	11	173.21	cps
Potassium	39-2	224123	222490	225801	224138	0.74	cps
Rhodium	103-1	8257306	8236797	7159232	7884445	7.97	cps
Rhodium	103-2	1926099	1925532	1957076	1936235	0.93	cps
Scandium	45-1	5118741	5048586	4470193	4879174	7.29	cps
Scandium	45-2	27527	27350	27641	27506	0.53	cps
Selenium	77-2	180	213	173	189	11.35	cps
Selenium	78-2	644	602	648	632	4.07	cps
Selenium	82-1	46927	46293	47092	46771	0.90	cps
Silicon	28-1	30170072	29963869	30277036	30136992	0.53	cps
Silver	109-1	3018483	3044363	3058094	3040314	0.66	cps
Silver	107-1	3138065	3172960	3178355	3163127	0.69	cps
Sodium	23-2	2391879	2389716	2396704	2392766	0.15	cps
Strontium	86-1	1301702	1295219	1309539	1302153	0.55	cps
Strontium	88-1	11185235	11205275	11204006	11198172	0.10	cps
Sulfur	34-1	327013	327094	326431	326846	0.11	cps
Terbium	159-1	12406537	12295143	10753830	11818503	7.82	cps
Terbium	159-2	2022777	2023202	2011814	2019264	0.32	cps
Thallium	203-1	3278417	3310466	3304478	3297787	0.52	cps
Thallium	205-1	7642758	7711224	7776967	7710316	0.87	cps
Tin	118-1	2427059	2435890	2469479	2444143	0.92	cps
Titanium	47-1	1932776	1955326	1974649	1954250	1.07	cps
Uranium	238-1	10591879	10573660	10688848	10618129	0.58	cps
Vanadium	51-2	189131	189168	189195	189164	0.02	cps
Yttrium	89-1	9150187	9197374	8024841	8790801	7.55	cps
Yttrium	89-2	198571	199180	197411	198387	0.45	cps
Zinc	66-2	76959	77833	77656	77483	0.60	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19A	Instrumnet Name :	P8
Client Sample ID :	S45-0041A	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:55:52	DataFile Name :	052SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5264395	5279004	5304235	5282544	0.38	cps
Zirconium	91-1	1159615	1165296	1170715	1165209	0.48	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	142	108	158	136	18.70	cps
Antimony	121-1	5902	5977	6110	5996	1.76	cps
Arsenic	75-2	1620	1528	1528	1559	3.43	cps
Barium	135-1	37320	37980	37839	37713	0.92	cps
Barium	137-1	66376	67724	66568	66889	1.09	cps
Beryllium	9-1	478	422	489	463	7.72	cps
Bismuth	209-1	7912099	7876706	8060508	7949771	1.23	cps
Bismuth	209-2	1780716	1832995	1833591	1815767	1.67	cps
Boron	10-1	7511	7461	7402	7458	0.73	cps
Boron	11-1	32538	32121	30993	31884	2.51	cps
Cadmium	111-1	1439	1376	1274	1363	6.11	cps
Cadmium	106-1	1834	1750	1675	1753	4.52	cps
Cadmium	108-1	33	29	33	32	7.52	cps
Calcium	43-1	434316	438212	440316	437615	0.70	cps
Calcium	44-1	7178789	7143783	7150295	7157623	0.26	cps
Chromium	52-2	600	597	560	586	3.79	cps
Cobalt	59-2	2757	2657	2887	2767	4.17	cps
Copper	63-2	2380	2380	2414	2391	0.80	cps
Dysprosium	156-1	208	208	242	219	8.77	cps
Dysprosium	156-2	43	50	50	48	8.06	cps
Erbium	164-1	200	283	275	253	18.16	cps
Erbium	164-2	90	37	40	56	53.77	cps
Gadolinium	160-1	300	317	392	336	14.53	cps
Gadolinium	160-2	63	83	73	73	13.64	cps
Holmium	165-1	12036865	12098927	12212839	12116211	0.74	cps
Holmium	165-2	2135966	2153336	2191033	2160112	1.30	cps
Indium	115-1	9065642	9025360	9330646	9140549	1.81	cps
Indium	115-2	271767	277490	274795	274684	1.04	cps
Iron	56-2	3580462	3555310	3542095	3559289	0.55	cps
Iron	57-2	88573	88457	88910	88647	0.27	cps
Krypton	83-1	327	357	283	322	11.44	cps
Lead	206-1	2211	2006	1889	2035	8.02	cps
Lead	207-1	1728	1767	1633	1709	4.01	cps
Lead	208-1	8229	8440	7490	8053	6.20	cps
Lithium	6-1	2345541	2294244	2362622	2334136	1.52	cps
Magnesium	24-2	178187	176362	177942	177497	0.56	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	217434	217970	217634	217679	0.12	cps
Molybdenum	94-1	4159	3934	3451	3848	9.41	cps
Molybdenum	95-1	4076	3659	3392	3709	9.29	cps
Molybdenum	96-1	4676	4318	4159	4384	6.04	cps
Molybdenum	97-1	2534	2417	2267	2406	5.56	cps
Molybdenum	98-1	6127	5526	5776	5810	5.19	cps
Neodymium	150-1	380	347	313	347	9.62	cps
Neodymium	150-2	47	47	50	48	4.02	cps
Nickel	60-2	630	623	690	648	5.67	cps
Phosphorus	31-2	25	42	33	33	25.01	cps
Potassium	39-2	28246	28388	28004	28213	0.69	cps
Rhodium	103-1	8504358	8349622	8506394	8453458	1.06	cps
Rhodium	103-2	1968590	2011914	2008527	1996344	1.21	cps
Scandium	45-1	5132000	5098823	5186125	5138982	0.86	cps
Scandium	45-2	27293	27751	27470	27505	0.84	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	-19	-54	30	-14	-294.51	cps
Silicon	28-1	19942458	20038851	20044305	20008538	0.29	cps
Silver	109-1	792	558	642	664	17.81	cps
Silver	107-1	850	692	875	806	12.34	cps
Sodium	23-2	261188	258879	261643	260570	0.57	cps
Strontium	86-1	272070	272793	275809	273557	0.72	cps
Strontium	88-1	2409728	2421697	2405911	2412445	0.34	cps
Sulfur	34-1	378303	379997	379684	379328	0.24	cps
Terbium	159-1	12440715	12373945	12587113	12467258	0.87	cps
Terbium	159-2	2004312	2047868	2043857	2032012	1.18	cps
Thallium	203-1	1784	1333	1550	1556	14.47	cps
Thallium	205-1	3909	4001	3859	3923	1.83	cps
Tin	118-1	33200	33543	32599	33114	1.44	cps
Titanium	47-1	1542	1550	1542	1545	0.31	cps
Uranium	238-1	1892	1609	1709	1736	8.28	cps
Vanadium	51-2	423	397	427	416	3.96	cps
Yttrium	89-1	9298862	9198801	9419446	9305703	1.19	cps
Yttrium	89-2	197545	203354	201329	200743	1.47	cps
Zinc	66-2	743	813	807	788	4.90	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22	Instrumnet Name :	P8
Client Sample ID :	S45-0045	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 16:59:04	DataFile Name :	053SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5343	4809	4284	4812	11.00	cps
Zirconium	91-1	1308	1175	1050	1178	10.97	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	33	22	57.29	cps
Antimony	121-1	6652	6127	6435	6405	4.12	cps
Arsenic	75-2	1072	1139	1061	1091	3.86	cps
Barium	135-1	34304	33719	35507	34510	2.64	cps
Barium	137-1	60950	60406	61033	60796	0.56	cps
Beryllium	9-1	306	283	294	294	3.77	cps
Bismuth	209-1	7780940	7938462	8022275	7913892	1.55	cps
Bismuth	209-2	1825012	1819966	1837210	1827396	0.49	cps
Boron	10-1	5701	5810	6160	5890	4.07	cps
Boron	11-1	25507	25098	26024	25543	1.82	cps
Cadmium	111-1	1206	1331	1272	1270	4.94	cps
Cadmium	106-1	1600	1792	1725	1706	5.71	cps
Cadmium	108-1	21	33	21	25	28.87	cps
Calcium	43-1	552745	556863	564058	557889	1.03	cps
Calcium	44-1	9096588	9086573	9110445	9097869	0.13	cps
Chromium	52-2	617	593	603	604	1.94	cps
Cobalt	59-2	547	627	520	564	9.83	cps
Copper	63-2	2127	2197	2234	2186	2.48	cps
Dysprosium	156-1	408	250	275	311	27.36	cps
Dysprosium	156-2	50	67	60	59	14.25	cps
Erbium	164-1	400	317	392	369	12.42	cps
Erbium	164-2	57	50	60	56	9.17	cps
Gadolinium	160-1	475	333	442	417	17.78	cps
Gadolinium	160-2	47	77	70	64	24.44	cps
Holmium	165-1	11721678	12140230	12307185	12056364	2.50	cps
Holmium	165-2	2167024	2177212	2180184	2174806	0.32	cps
Indium	115-1	8773171	9072793	9170092	9005352	2.30	cps
Indium	115-2	274960	277391	276880	276410	0.46	cps
Iron	56-2	4695897	4674354	4658113	4676121	0.41	cps
Iron	57-2	118163	116751	117514	117476	0.60	cps
Krypton	83-1	290	277	320	296	7.51	cps
Lead	206-1	1078	1161	1172	1137	4.54	cps
Lead	207-1	1061	1072	1128	1087	3.29	cps
Lead	208-1	4656	4801	4889	4782	2.46	cps
Lithium	6-1	2273435	2326009	2389834	2329759	2.50	cps
Magnesium	24-2	153572	155458	155010	154680	0.64	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	111487	111386	110570	111147	0.45	cps
Molybdenum	94-1	2042	2184	2200	2142	4.06	cps
Molybdenum	95-1	2242	2309	2134	2228	3.96	cps
Molybdenum	96-1	2742	2667	2584	2664	2.97	cps
Molybdenum	97-1	1475	1500	1250	1408	9.78	cps
Molybdenum	98-1	3851	3734	3092	3559	11.48	cps
Neodymium	150-1	353	400	500	418	17.94	cps
Neodymium	150-2	23	60	33	39	48.75	cps
Nickel	60-2	417	400	397	404	2.65	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	27661	27052	26518	27077	2.11	cps
Rhodium	103-1	8134493	8479551	8451358	8355134	2.29	cps
Rhodium	103-2	2016429	2017842	2051962	2028744	0.99	cps
Scandium	45-1	4985620	5124820	5194967	5101802	2.09	cps
Scandium	45-2	27671	28015	28449	28045	1.39	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	11	0	-8	1	826.85	cps
Silicon	28-1	23297167	23452867	23648160	23466065	0.75	cps
Silver	109-1	508	483	675	556	18.75	cps
Silver	107-1	667	600	725	664	9.42	cps
Sodium	23-2	234475	234450	234029	234318	0.11	cps
Strontium	86-1	316748	320021	323134	319968	1.00	cps
Strontium	88-1	2778126	2793608	2818126	2796620	0.72	cps
Sulfur	34-1	390009	383012	385372	386131	0.92	cps
Terbium	159-1	12039809	12352583	12461306	12284566	1.78	cps
Terbium	159-2	2043796	2054967	2069575	2056113	0.63	cps
Thallium	203-1	800	883	775	820	6.92	cps
Thallium	205-1	2184	2159	2042	2128	3.55	cps
Tin	118-1	26644	27037	28189	27290	2.94	cps
Titanium	47-1	767	717	842	775	8.12	cps
Uranium	238-1	725	817	967	836	14.59	cps
Vanadium	51-2	40	67	47	51	27.15	cps
Yttrium	89-1	9015254	9290685	9372005	9225982	2.03	cps
Yttrium	89-2	200546	203015	203321	202294	0.75	cps
Zinc	66-2	613	607	640	620	2.85	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-23	Instrumnet Name :	P8
Client Sample ID :	S45-0042	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:02:23	DataFile Name :	054SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3392	2700	2659	2917	14.12	cps
Zirconium	91-1	700	550	692	647	13.02	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	42	17	58	39	53.93	cps
Antimony	121-1	708	642	558	636	11.81	cps
Arsenic	75-2	6	7	6	6	17.29	cps
Barium	135-1	150	208	183	181	16.21	cps
Barium	137-1	283	242	308	278	12.13	cps
Beryllium	9-1	261	278	322	287	11.01	cps
Bismuth	209-1	9608331	9558587	9359945	9508955	1.38	cps
Bismuth	209-2	2264429	2189922	2127316	2193889	3.13	cps
Boron	10-1	1567	1884	1650	1700	9.66	cps
Boron	11-1	8161	7777	7536	7825	4.03	cps
Cadmium	111-1	1654	1711	1626	1664	2.58	cps
Cadmium	106-1	2267	2367	2225	2286	3.18	cps
Cadmium	108-1	29	13	21	21	40.01	cps
Calcium	43-1	800	875	833	836	4.50	cps
Calcium	44-1	26635	24981	25099	25572	3.61	cps
Chromium	52-2	520	487	487	498	3.87	cps
Cobalt	59-2	57	70	63	63	10.52	cps
Copper	63-2	1647	1473	1593	1571	5.65	cps
Dysprosium	156-1	17	8	42	22	78.07	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	58	83	61	34.32	cps
Erbium	164-2	7	23	10	13	66.12	cps
Gadolinium	160-1	117	100	92	103	12.38	cps
Gadolinium	160-2	3	10	13	9	57.30	cps
Holmium	165-1	15203569	14823655	14581066	14869430	2.11	cps
Holmium	165-2	2713490	2655077	2526310	2631625	3.64	cps
Indium	115-1	11617744	11400820	11247453	11422006	1.63	cps
Indium	115-2	368267	361376	342379	357340	3.75	cps
Iron	56-2	2978	3034	3023	3012	0.98	cps
Iron	57-2	78	89	33	67	44.10	cps
Krypton	83-1	287	297	293	292	1.74	cps
Lead	206-1	622	622	556	600	6.41	cps
Lead	207-1	550	589	678	606	10.82	cps
Lead	208-1	2434	2634	2467	2511	4.27	cps
Lithium	6-1	2714997	2765547	2696409	2725651	1.31	cps
Magnesium	24-2	258	292	308	286	8.90	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	103	123	107	111	9.64	cps
Molybdenum	94-1	825	800	575	733	18.78	cps
Molybdenum	95-1	900	800	800	833	6.93	cps
Molybdenum	96-1	1183	917	992	1031	13.35	cps
Molybdenum	97-1	642	358	467	489	29.24	cps
Molybdenum	98-1	1308	1233	1475	1339	9.24	cps
Neodymium	150-1	7	13	0	7	99.98	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	160	173	197	177	10.51	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	1650	1425	1592	1556	7.51	cps
Rhodium	103-1	10939146	10750506	10664148	10784600	1.30	cps
Rhodium	103-2	2623192	2531453	2419755	2524800	4.04	cps
Scandium	45-1	6754088	6719431	6580187	6684569	1.38	cps
Scandium	45-2	38045	37594	35322	36987	3.95	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	18	35	26	27	32.16	cps
Silicon	28-1	357436	378736	374988	370387	3.07	cps
Silver	109-1	308	308	392	336	14.31	cps
Silver	107-1	400	417	425	414	3.08	cps
Sodium	23-2	6777	6152	6152	6360	5.68	cps
Strontium	86-1	600	508	658	589	12.84	cps
Strontium	88-1	1525	1609	1442	1525	5.47	cps
Sulfur	34-1	336710	335685	339671	337355	0.61	cps
Terbium	159-1	15623194	15374306	15106178	15367892	1.68	cps
Terbium	159-2	2593247	2529821	2417169	2513412	3.55	cps
Thallium	203-1	825	725	642	731	12.57	cps
Thallium	205-1	1842	1592	1458	1631	11.94	cps
Tin	118-1	925	892	717	845	13.25	cps
Titanium	47-1	175	142	158	158	10.53	cps
Uranium	238-1	108	158	117	128	20.96	cps
Vanadium	51-2	13	13	20	16	24.76	cps
Yttrium	89-1	12028923	11720329	11689607	11812953	1.59	cps
Yttrium	89-2	270213	263837	247773	260607	4.44	cps
Zinc	66-2	767	710	740	739	3.84	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-24	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:05:41	DataFile Name :	055SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1208	933	917	1020	16.07	cps
Zirconium	91-1	258	208	167	211	21.74	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	15492	15684	15559	15579	0.63	cps
Antimony	121-1	7244	7536	7344	7375	2.01	cps
Arsenic	75-2	76	80	69	75	7.57	cps
Barium	135-1	90298	87496	90585	89460	1.91	cps
Barium	137-1	156281	158768	155958	157002	0.98	cps
Beryllium	9-1	483	350	483	439	17.54	cps
Bismuth	209-1	8120511	8158445	7745451	8008136	2.85	cps
Bismuth	209-2	1972095	1954512	1935464	1954023	0.94	cps
Boron	10-1	14708	15259	15142	15036	1.93	cps
Boron	11-1	66521	68572	70432	68509	2.86	cps
Cadmium	111-1	1529	1386	1419	1445	5.20	cps
Cadmium	106-1	1975	1800	1825	1867	5.07	cps
Cadmium	108-1	17	29	42	29	42.85	cps
Calcium	43-1	72815	74658	77087	74853	2.86	cps
Calcium	44-1	1231664	1239208	1261207	1244026	1.23	cps
Chromium	52-2	10057	9830	10060	9983	1.32	cps
Cobalt	59-2	3827	4237	4001	4022	5.12	cps
Copper	63-2	15245	15289	15826	15453	2.09	cps
Dysprosium	156-1	5009	4876	4976	4954	1.40	cps
Dysprosium	156-2	950	900	987	946	4.60	cps
Erbium	164-1	4268	3984	4042	4098	3.65	cps
Erbium	164-2	750	757	773	760	1.58	cps
Gadolinium	160-1	4618	5010	4409	4679	6.51	cps
Gadolinium	160-2	1080	1217	1213	1170	6.66	cps
Holmium	165-1	12610947	12585218	11944252	12380139	3.05	cps
Holmium	165-2	2320046	2328839	2390966	2346617	1.65	cps
Indium	115-1	9507952	9560199	8959455	9342535	3.56	cps
Indium	115-2	309356	305190	307436	307328	0.68	cps
Iron	56-2	2887718	2869400	2891517	2882878	0.41	cps
Iron	57-2	72343	71131	71349	71608	0.90	cps
Krypton	83-1	300	220	273	264	15.40	cps
Lead	206-1	56141	56018	55940	56033	0.18	cps
Lead	207-1	47138	46034	46675	46616	1.19	cps
Lead	208-1	216879	218174	218304	217785	0.36	cps
Lithium	6-1	2303882	2288400	2210508	2267597	2.21	cps
Magnesium	24-2	177554	179679	178212	178482	0.61	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25240	25413	25654	25436	0.82	cps
Molybdenum	94-1	46305	45619	45870	45932	0.76	cps
Molybdenum	95-1	74907	76784	77061	76251	1.54	cps
Molybdenum	96-1	80917	83213	81797	81976	1.41	cps
Molybdenum	97-1	47526	46974	48872	47791	2.04	cps
Molybdenum	98-1	123097	121348	122020	122155	0.72	cps
Neodymium	150-1	7236	7536	7949	7574	4.73	cps
Neodymium	150-2	810	1043	870	908	13.35	cps
Nickel	60-2	3501	3474	3477	3484	0.42	cps
Phosphorus	31-2	50	33	42	42	20.00	cps
Potassium	39-2	86876	84260	85853	85663	1.54	cps
Rhodium	103-1	8771083	8857463	8363960	8664169	3.04	cps
Rhodium	103-2	2150030	2158159	2173726	2160638	0.56	cps
Scandium	45-1	5578276	5558479	5322710	5486488	2.59	cps
Scandium	45-2	31626	31733	31255	31538	0.80	cps
Selenium	77-2	0	3	3	2	86.60	cps
Selenium	78-2	6	6	2	4	49.54	cps
Selenium	82-1	57	121	101	93	35.27	cps
Silicon	28-1	20844396	20871224	20962359	20892660	0.30	cps
Silver	109-1	817	667	775	753	10.29	cps
Silver	107-1	900	850	792	847	6.40	cps
Sodium	23-2	5178666	5159517	5175813	5171332	0.20	cps
Strontium	86-1	104431	107051	104405	105296	1.44	cps
Strontium	88-1	899809	905372	902173	902451	0.31	cps
Sulfur	34-1	385694	378023	379467	381061	1.07	cps
Terbium	159-1	12827543	12829163	12329444	12662050	2.27	cps
Terbium	159-2	2216746	2199337	2216460	2210848	0.45	cps
Thallium	203-1	867	850	842	853	1.49	cps
Thallium	205-1	1892	1809	1850	1850	2.25	cps
Tin	118-1	20016	20133	20258	20135	0.60	cps
Titanium	47-1	224876	227105	228111	226697	0.73	cps
Uranium	238-1	13692	14058	13958	13903	1.36	cps
Vanadium	51-2	4608	4631	4631	4623	0.29	cps
Yttrium	89-1	9913053	9894625	9426904	9744861	2.83	cps
Yttrium	89-2	225863	225901	227262	226342	0.35	cps
Zinc	66-2	2914	3037	3000	2984	2.12	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3790-02DLX5	Instrumnet Name :	P8
Client Sample ID :	ZER-WC-L-01DL	Dilution Factor :	5
Date & Time Acquired ::	2018-07-11 17:09:00	DataFile Name :	056SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5201	5410	5101	5237	3.00	cps
Zirconium	91-1	1200	1250	1175	1208	3.16	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	237724	236969	241207	238633	0.95	cps
Antimony	121-1	3930042	3851406	3894889	3892113	1.01	cps
Arsenic	75-2	34842	34853	34773	34823	0.12	cps
Barium	135-1	4150227	4160119	4141415	4150587	0.23	cps
Barium	137-1	7158038	7142219	7197235	7165831	0.40	cps
Beryllium	9-1	638683	639652	642025	640120	0.27	cps
Bismuth	209-1	7484993	7226921	6976424	7229446	3.52	cps
Bismuth	209-2	1895611	1878185	1897470	1890422	0.56	cps
Boron	10-1	70683	73086	74267	72679	2.51	cps
Boron	11-1	322418	331007	339156	330861	2.53	cps
Cadmium	111-1	800822	799110	809359	803097	0.68	cps
Cadmium	106-1	86595	88582	87643	87607	1.14	cps
Cadmium	108-1	57752	58551	58958	58420	1.05	cps
Calcium	43-1	4560146	4560035	4590194	4570125	0.38	cps
Calcium	44-1	74958918	75347137	75588141	75298066	0.42	cps
Chromium	52-2	337108	341224	341565	339966	0.73	cps
Cobalt	59-2	722278	728387	726798	725821	0.44	cps
Copper	63-2	1214282	1228580	1231139	1224667	0.74	cps
Dysprosium	156-1	75	100	67	81	21.53	cps
Dysprosium	156-2	17	3	10	10	66.70	cps
Erbium	164-1	50	50	42	47	10.18	cps
Erbium	164-2	3	3	13	7	86.65	cps
Gadolinium	160-1	83	108	183	125	41.63	cps
Gadolinium	160-2	13	10	27	17	52.93	cps
Holmium	165-1	12409020	11952741	11633045	11998269	3.25	cps
Holmium	165-2	2435856	2418181	2418087	2424041	0.42	cps
Indium	115-1	9488195	8918259	8828220	9078225	3.94	cps
Indium	115-2	329735	329439	326619	328598	0.52	cps
Iron	56-2	54509864	54856729	55038783	54801792	0.49	cps
Iron	57-2	1369859	1379641	1377821	1375773	0.38	cps
Krypton	83-1	323	373	330	342	7.93	cps
Lead	206-1	2593633	2586370	2573392	2584465	0.40	cps
Lead	207-1	2327429	2382944	2361056	2357143	1.19	cps
Lead	208-1	10507791	10501403	10467742	10492312	0.21	cps
Lithium	6-1	2368061	2291761	2266253	2308692	2.29	cps
Magnesium	24-2	6088567	6124772	6159448	6124262	0.58	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	173588	173168	174956	173904	0.54	cps
Molybdenum	94-1	6820827	6761041	6807376	6796415	0.46	cps
Molybdenum	95-1	8428193	8323500	8272599	8341431	0.95	cps
Molybdenum	96-1	9227934	9278349	9284367	9263550	0.33	cps
Molybdenum	97-1	5270681	5245751	5322462	5279631	0.74	cps
Molybdenum	98-1	13343344	13371962	13425929	13380412	0.31	cps
Neodymium	150-1	240	147	107	164	41.61	cps
Neodymium	150-2	3	3	10	6	69.34	cps
Nickel	60-2	213804	213815	215097	214238	0.35	cps
Phosphorus	31-2	2959	2909	2917	2928	0.92	cps
Potassium	39-2	1453115	1462522	1465716	1460451	0.45	cps
Rhodium	103-1	8628232	8268611	8227024	8374622	2.63	cps
Rhodium	103-2	2201816	2194945	2194317	2197026	0.19	cps
Scandium	45-1	5899476	5762076	5528490	5730014	3.27	cps
Scandium	45-2	36668	36698	36855	36740	0.27	cps
Selenium	77-2	260	230	240	243	6.28	cps
Selenium	78-2	750	741	770	754	2.01	cps
Selenium	82-1	50284	50240	50602	50375	0.39	cps
Silicon	28-1	2061409	2084865	2081450	2075908	0.61	cps
Silver	109-1	3866376	3897958	3886544	3883626	0.41	cps
Silver	107-1	4045703	4081916	4072555	4066725	0.46	cps
Sodium	23-2	14192501	14171948	14257100	14207183	0.31	cps
Strontium	86-1	1052391	1058030	1072992	1061137	1.00	cps
Strontium	88-1	9192605	9134363	9186504	9171157	0.35	cps
Sulfur	34-1	646810	643772	648812	646465	0.39	cps
Terbium	159-1	12728741	12213358	12032993	12325031	2.93	cps
Terbium	159-2	2316131	2291249	2287482	2298287	0.68	cps
Thallium	203-1	3151331	3208368	3158263	3172654	0.98	cps
Thallium	205-1	7468310	7364609	7395789	7409569	0.72	cps
Tin	118-1	2722916	2763452	2745727	2744032	0.74	cps
Titanium	47-1	2350666	2349046	2352406	2350706	0.07	cps
Uranium	238-1	10295036	10275416	10144857	10238437	0.80	cps
Vanadium	51-2	240130	242808	244842	242593	0.97	cps
Yttrium	89-1	10038464	9661847	9475214	9725175	2.95	cps
Yttrium	89-2	254632	252764	253139	253512	0.39	cps
Zinc	66-2	98644	99060	99708	99138	0.54	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV12	Instrumnet Name :	P8
Client Sample ID :	CCV12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:29:46	DataFile Name :	057CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5717689	5783468	5827667	5776275	0.96	cps
Zirconium	91-1	1263865	1285068	1275557	1274830	0.83	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	17	17	50.01	cps
Antimony	121-1	2267	2067	2142	2159	4.68	cps
Arsenic	75-2	0	4	0	1	173.21	cps
Barium	135-1	67	67	50	61	15.75	cps
Barium	137-1	92	83	75	83	10.00	cps
Beryllium	9-1	289	256	233	259	10.79	cps
Bismuth	209-1	7703175	7720698	7737220	7720364	0.22	cps
Bismuth	209-2	1973947	1953811	1953728	1960495	0.59	cps
Boron	10-1	1333	1192	1208	1245	6.22	cps
Boron	11-1	6102	5660	5868	5876	3.76	cps
Cadmium	111-1	1341	1484	1425	1417	5.09	cps
Cadmium	106-1	1817	2017	1967	1934	5.38	cps
Cadmium	108-1	21	4	8	11	78.05	cps
Calcium	43-1	575	650	692	639	9.25	cps
Calcium	44-1	18079	18388	17195	17887	3.46	cps
Chromium	52-2	470	397	433	433	8.46	cps
Cobalt	59-2	80	47	37	54	41.67	cps
Copper	63-2	430	420	367	406	8.40	cps
Dysprosium	156-1	0	0	17	6	173.21	cps
Dysprosium	156-2	3	10	0	4	114.60	cps
Erbium	164-1	100	25	83	69	56.71	cps
Erbium	164-2	3	7	20	10	88.20	cps
Gadolinium	160-1	83	92	75	83	10.00	cps
Gadolinium	160-2	0	13	7	7	99.98	cps
Holmium	165-1	12025767	12066114	12114220	12068700	0.37	cps
Holmium	165-2	2368973	2364154	2357166	2363431	0.25	cps
Indium	115-1	9639657	9596443	9656118	9630739	0.32	cps
Indium	115-2	335655	331765	330373	332598	0.82	cps
Iron	56-2	1839	1872	1728	1813	4.17	cps
Iron	57-2	28	50	67	48	40.52	cps
Krypton	83-1	373	313	280	322	14.68	cps
Lead	206-1	456	422	511	463	9.70	cps
Lead	207-1	422	344	422	396	11.33	cps
Lead	208-1	1972	1728	1928	1876	6.94	cps
Lithium	6-1	2418584	2412825	2416488	2415966	0.12	cps
Magnesium	24-2	350	258	242	283	20.59	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	60	43	53	52	16.07	cps
Molybdenum	94-1	1584	1325	1283	1397	11.63	cps
Molybdenum	95-1	1058	825	867	917	13.57	cps
Molybdenum	96-1	1350	1292	1167	1270	7.38	cps
Molybdenum	97-1	858	633	700	731	15.82	cps
Molybdenum	98-1	1659	1500	1509	1556	5.73	cps
Neodymium	150-1	7	7	20	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	67	70	60	66	7.77	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	1909	1667	1642	1739	8.47	cps
Rhodium	103-1	9008812	9137433	9063130	9069792	0.71	cps
Rhodium	103-2	2289310	2304013	2250926	2281416	1.20	cps
Scandium	45-1	5824212	5791416	5919376	5845001	1.14	cps
Scandium	45-2	36180	35328	35465	35658	1.28	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	-54	-18	13	-20	-167.61	cps
Silicon	28-1	253809	252646	255482	253979	0.56	cps
Silver	109-1	233	217	242	231	5.52	cps
Silver	107-1	217	225	292	244	16.82	cps
Sodium	23-2	4768	4493	4918	4726	4.56	cps
Strontium	86-1	433	517	417	456	11.76	cps
Strontium	88-1	292	358	292	314	12.26	cps
Sulfur	34-1	376464	375875	376388	376242	0.09	cps
Terbium	159-1	12590532	12292182	12394615	12425777	1.22	cps
Terbium	159-2	2242936	2218451	2249595	2236994	0.73	cps
Thallium	203-1	425	408	450	428	4.90	cps
Thallium	205-1	1125	1283	1092	1167	8.78	cps
Tin	118-1	1934	1784	1684	1800	6.99	cps
Titanium	47-1	142	150	150	147	3.27	cps
Uranium	238-1	100	100	75	92	15.75	cps
Vanadium	51-2	10	17	3	10	66.70	cps
Yttrium	89-1	9972212	9989132	10063722	10008355	0.49	cps
Yttrium	89-2	248798	245939	244506	246414	0.89	cps
Zinc	66-2	83	47	27	52	55.03	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB12	Instrumnet Name :	P8
Client Sample ID :	CCB12	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 17:37:54	DataFile Name :	058CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2825	2684	2409	2639	8.03	cps
Zirconium	91-1	433	483	475	464	5.77	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	50	0	25	100.00	cps
Antimony	121-1	1042	1450	1233	1242	16.45	cps
Arsenic	75-2	315	313	407	345	15.65	cps
Barium	135-1	6118	5835	6269	6074	3.63	cps
Barium	137-1	10380	10847	10271	10499	2.91	cps
Beryllium	9-1	194	167	200	187	9.55	cps
Bismuth	209-1	7587487	7484373	7693488	7588449	1.38	cps
Bismuth	209-2	1949196	1968839	1969646	1962560	0.59	cps
Boron	10-1	1050	1008	1267	1108	12.51	cps
Boron	11-1	5476	5034	5651	5387	5.90	cps
Cadmium	111-1	1519	1363	1279	1387	8.77	cps
Cadmium	106-1	2067	1884	1759	1903	8.15	cps
Cadmium	108-1	17	8	21	15	41.67	cps
Calcium	43-1	123608	124180	124910	124233	0.53	cps
Calcium	44-1	2088035	2101606	2079425	2089689	0.54	cps
Chromium	52-2	507	427	493	476	9.01	cps
Cobalt	59-2	90	47	73	70	31.22	cps
Copper	63-2	490	627	640	586	14.18	cps
Dysprosium	156-1	33	8	58	33	75.02	cps
Dysprosium	156-2	0	7	3	3	100.05	cps
Erbium	164-1	50	100	83	78	32.74	cps
Erbium	164-2	3	13	17	11	62.48	cps
Gadolinium	160-1	117	158	50	108	50.44	cps
Gadolinium	160-2	10	7	3	7	50.03	cps
Holmium	165-1	11898630	11615671	12168646	11894316	2.32	cps
Holmium	165-2	2328176	2378509	2354778	2353821	1.07	cps
Indium	115-1	9351120	9121278	9470372	9314257	1.91	cps
Indium	115-2	322878	324202	322648	323243	0.26	cps
Iron	56-2	1187384	1179359	1187284	1184676	0.39	cps
Iron	57-2	29805	29248	30139	29730	1.51	cps
Krypton	83-1	297	287	293	292	1.74	cps
Lead	206-1	517	456	511	494	6.83	cps
Lead	207-1	483	483	450	472	4.08	cps
Lead	208-1	2117	2022	1995	2045	3.13	cps
Lithium	6-1	2302113	2265854	2336958	2301642	1.54	cps
Magnesium	24-2	19280	18705	18947	18977	1.52	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	42515	41391	41966	41957	1.34	cps
Molybdenum	94-1	933	858	925	906	4.54	cps
Molybdenum	95-1	450	708	492	550	25.22	cps
Molybdenum	96-1	675	642	792	703	11.21	cps
Molybdenum	97-1	208	408	283	300	33.68	cps
Molybdenum	98-1	858	750	883	831	8.53	cps
Neodymium	150-1	20	40	7	22	75.49	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	83	83	87	84	2.28	cps
Phosphorus	31-2	17	8	8	11	43.34	cps
Potassium	39-2	6644	6243	6077	6321	4.61	cps
Rhodium	103-1	8772112	8576496	9014438	8787682	2.50	cps
Rhodium	103-2	2219353	2261684	2238907	2239981	0.95	cps
Scandium	45-1	5623784	5444011	5630452	5566083	1.90	cps
Scandium	45-2	34045	34205	34389	34213	0.50	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	0	0	1	173.21	cps
Selenium	82-1	18	-1	-18	0	-3936.30	cps
Silicon	28-1	3774778	3780037	3808953	3787923	0.49	cps
Silver	109-1	650	567	717	644	11.66	cps
Silver	107-1	567	692	758	672	14.47	cps
Sodium	23-2	25832	25841	25674	25782	0.36	cps
Strontium	86-1	45301	46396	47391	46363	2.25	cps
Strontium	88-1	393077	397166	393661	394635	0.56	cps
Sulfur	34-1	366878	361246	358470	362198	1.18	cps
Terbium	159-1	12244619	12052031	12516713	12271121	1.90	cps
Terbium	159-2	2196701	2253145	2217553	2222466	1.28	cps
Thallium	203-1	558	533	525	539	3.22	cps
Thallium	205-1	1408	1433	1317	1386	4.43	cps
Tin	118-1	1692	1392	1417	1500	11.10	cps
Titanium	47-1	125	125	183	144	23.31	cps
Uranium	238-1	167	175	225	189	16.70	cps
Vanadium	51-2	33	20	17	23	37.78	cps
Yttrium	89-1	9750838	9494380	9995851	9747023	2.57	cps
Yttrium	89-2	236426	239708	237499	237878	0.70	cps
Zinc	66-2	140	130	147	139	6.04	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-25DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:47:54	DataFile Name :	059SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1942	1792	1875	1870	4.02	cps
Zirconium	91-1	350	383	475	403	16.07	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	8	8	8	0.00	cps
Antimony	121-1	1017	892	958	956	6.55	cps
Arsenic	75-2	343	357	354	351	2.19	cps
Barium	135-1	5943	6102	6010	6018	1.32	cps
Barium	137-1	10496	10696	10221	10471	2.28	cps
Beryllium	9-1	172	117	183	157	22.69	cps
Bismuth	209-1	7706217	7908318	7817156	7810563	1.30	cps
Bismuth	209-2	2008105	1953381	1798878	1920121	5.65	cps
Boron	10-1	1008	1075	1025	1036	3.35	cps
Boron	11-1	4701	4793	5059	4851	3.84	cps
Cadmium	111-1	1381	1380	1356	1373	1.03	cps
Cadmium	106-1	1959	1909	1909	1925	1.50	cps
Cadmium	108-1	21	8	13	14	45.83	cps
Calcium	43-1	119547	118782	121507	119945	1.17	cps
Calcium	44-1	2023919	2016704	2026763	2022462	0.26	cps
Chromium	52-2	433	517	500	483	9.12	cps
Cobalt	59-2	73	60	87	73	18.18	cps
Copper	63-2	990	943	1090	1008	7.44	cps
Dysprosium	156-1	33	8	17	19	65.47	cps
Dysprosium	156-2	7	7	7	7	0.00	cps
Erbium	164-1	42	50	50	47	10.18	cps
Erbium	164-2	7	10	7	8	24.71	cps
Gadolinium	160-1	100	67	142	103	36.56	cps
Gadolinium	160-2	7	7	7	7	0.00	cps
Holmium	165-1	12060795	12232844	12139622	12144420	0.71	cps
Holmium	165-2	2383466	2341824	2148100	2291130	5.48	cps
Indium	115-1	9443087	9514861	9625939	9527962	0.97	cps
Indium	115-2	326613	320646	292455	313238	5.82	cps
Iron	56-2	1182647	1183736	1185909	1184097	0.14	cps
Iron	57-2	29643	29359	30167	29723	1.38	cps
Krypton	83-1	307	330	333	323	4.49	cps
Lead	206-1	667	633	528	609	11.90	cps
Lead	207-1	494	478	439	470	6.06	cps
Lead	208-1	2656	2428	2045	2376	13.00	cps
Lithium	6-1	2311830	2339238	2348994	2333354	0.83	cps
Magnesium	24-2	18972	19456	18913	19114	1.56	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43394	42455	42732	42860	1.13	cps
Molybdenum	94-1	825	933	908	889	6.38	cps
Molybdenum	95-1	408	433	292	378	20.02	cps
Molybdenum	96-1	592	550	575	572	3.66	cps
Molybdenum	97-1	242	267	275	261	6.64	cps
Molybdenum	98-1	683	575	533	597	12.96	cps
Neodymium	150-1	20	33	27	27	24.99	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	320	303	333	319	4.71	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	5968	6427	6177	6191	3.71	cps
Rhodium	103-1	8891507	8953841	9043649	8962999	0.85	cps
Rhodium	103-2	2251545	2260952	2055044	2189180	5.31	cps
Scandium	45-1	5578986	5725946	5649903	5651612	1.30	cps
Scandium	45-2	34085	33694	30009	32596	6.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-8	-55	-44	-36	-68.92	cps
Silicon	28-1	3697456	3718300	3688580	3701445	0.41	cps
Silver	109-1	525	525	700	583	17.32	cps
Silver	107-1	542	567	675	594	11.92	cps
Sodium	23-2	24814	25123	24572	24837	1.11	cps
Strontium	86-1	44675	46630	46021	45775	2.19	cps
Strontium	88-1	388971	390083	387068	388707	0.39	cps
Sulfur	34-1	362034	355965	355967	357988	0.98	cps
Terbium	159-1	12422313	12506881	12613358	12514184	0.76	cps
Terbium	159-2	2242259	2258914	2037149	2179441	5.67	cps
Thallium	203-1	367	308	333	336	8.71	cps
Thallium	205-1	583	792	875	750	20.03	cps
Tin	118-1	3274	1659	1325	2086	49.97	cps
Titanium	47-1	183	142	142	156	15.47	cps
Uranium	238-1	183	233	150	189	22.21	cps
Vanadium	51-2	7	10	13	10	33.30	cps
Yttrium	89-1	9737359	9910675	9888685	9845573	0.96	cps
Yttrium	89-2	240457	238486	216288	231744	5.79	cps
Zinc	66-2	300	330	200	277	24.60	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-26DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:51:14	DataFile Name :	060SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1892	1850	1650	1797	7.19	cps
Zirconium	91-1	458	400	325	394	16.95	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	17	17	19	24.73	cps
Antimony	121-1	600	683	642	642	6.49	cps
Arsenic	75-2	4	7	15	9	65.47	cps
Barium	135-1	2059	2125	2084	2089	1.61	cps
Barium	137-1	3234	3484	3609	3442	5.55	cps
Beryllium	9-1	150	150	111	137	16.38	cps
Bismuth	209-1	7924934	7623358	7877827	7808706	2.08	cps
Bismuth	209-2	1958936	1969942	1954990	1961289	0.40	cps
Boron	10-1	992	1017	1050	1020	2.87	cps
Boron	11-1	4676	4151	4268	4365	6.32	cps
Cadmium	111-1	1389	1334	1273	1332	4.37	cps
Cadmium	106-1	1967	1867	1817	1884	4.06	cps
Cadmium	108-1	13	21	17	17	24.99	cps
Calcium	43-1	58875	57912	58080	58289	0.88	cps
Calcium	44-1	969242	962290	972046	967859	0.52	cps
Chromium	52-2	463	420	467	450	5.79	cps
Cobalt	59-2	420	430	480	443	7.25	cps
Copper	63-2	500	613	503	539	11.97	cps
Dysprosium	156-1	8	42	42	31	62.99	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	67	50	67	61	15.75	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	83	125	75	94	28.37	cps
Gadolinium	160-2	17	3	7	9	78.08	cps
Holmium	165-1	12266061	11799573	12124386	12063340	1.98	cps
Holmium	165-2	2342439	2322251	2348468	2337719	0.59	cps
Indium	115-1	9732453	9189286	9507342	9476360	2.88	cps
Indium	115-2	322321	320755	323699	322258	0.46	cps
Iron	56-2	3306	2823	3167	3099	8.03	cps
Iron	57-2	106	67	78	83	24.04	cps
Krypton	83-1	337	333	277	316	10.68	cps
Lead	206-1	1639	1472	1828	1646	10.81	cps
Lead	207-1	1483	1272	1439	1398	7.96	cps
Lead	208-1	6668	6368	6745	6593	3.03	cps
Lithium	6-1	2392572	2275708	2356785	2341688	2.56	cps
Magnesium	24-2	19790	19489	19447	19575	0.95	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	95342	95037	94350	94910	0.54	cps
Molybdenum	94-1	775	775	692	747	6.44	cps
Molybdenum	95-1	258	342	258	286	16.81	cps
Molybdenum	96-1	592	592	442	542	15.99	cps
Molybdenum	97-1	192	192	175	186	5.17	cps
Molybdenum	98-1	425	483	492	467	7.78	cps
Neodymium	150-1	0	0	33	11	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	203	267	240	237	13.43	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4326	4718	4142	4395	6.68	cps
Rhodium	103-1	9154246	8602385	8930330	8895654	3.12	cps
Rhodium	103-2	2237602	2205314	2248047	2230321	1.00	cps
Scandium	45-1	5801869	5383322	5776252	5653814	4.15	cps
Scandium	45-2	33858	32966	34275	33699	1.99	cps
Selenium	77-2	3	0	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-61	-16	7	-23	-149.30	cps
Silicon	28-1	3486646	3452282	3445691	3461540	0.64	cps
Silver	109-1	408	383	417	403	4.31	cps
Silver	107-1	508	475	375	453	15.33	cps
Sodium	23-2	26759	27578	28037	27458	2.36	cps
Strontium	86-1	34085	34628	35038	34584	1.38	cps
Strontium	88-1	296683	298430	301086	298733	0.74	cps
Sulfur	34-1	369743	362185	363415	365114	1.11	cps
Terbium	159-1	12764416	12073529	12509216	12449054	2.81	cps
Terbium	159-2	2213055	2206887	2233326	2217756	0.62	cps
Thallium	203-1	292	200	200	231	22.95	cps
Thallium	205-1	658	550	500	569	14.21	cps
Tin	118-1	1383	1567	1308	1420	9.36	cps
Titanium	47-1	175	183	167	175	4.76	cps
Uranium	238-1	258	333	325	306	13.45	cps
Vanadium	51-2	7	10	27	14	74.18	cps
Yttrium	89-1	10080348	9477106	9874336	9810597	3.13	cps
Yttrium	89-2	236892	234519	236981	236130	0.59	cps
Zinc	66-2	100	113	140	118	17.29	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 17:58:28	DataFile Name :	061SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1550	1283	1308	1381	10.67	cps
Zirconium	91-1	267	375	350	331	17.16	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	50	0	17	22	114.56	cps
Antimony	121-1	550	700	567	606	13.58	cps
Arsenic	75-2	2	7	4	4	65.54	cps
Barium	135-1	2059	2267	1959	2095	7.51	cps
Barium	137-1	3626	3892	3676	3731	3.80	cps
Beryllium	9-1	122	128	139	130	6.54	cps
Bismuth	209-1	8095090	8020665	8133871	8083209	0.71	cps
Bismuth	209-2	2034170	1854185	1973579	1953978	4.69	cps
Boron	10-1	1000	1033	817	950	12.28	cps
Boron	11-1	4568	4401	4209	4393	4.08	cps
Cadmium	111-1	1555	1334	1292	1394	10.12	cps
Cadmium	106-1	2200	1875	1817	1964	10.52	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	62792	62314	62699	62602	0.41	cps
Calcium	44-1	1040206	1043415	1038917	1040846	0.22	cps
Chromium	52-2	520	477	407	468	12.23	cps
Cobalt	59-2	477	457	400	444	8.95	cps
Copper	63-2	623	660	563	616	7.93	cps
Dysprosium	156-1	25	42	0	22	94.38	cps
Dysprosium	156-2	3	3	0	2	86.60	cps
Erbium	164-1	42	58	50	50	16.67	cps
Erbium	164-2	13	10	3	9	57.30	cps
Gadolinium	160-1	25	75	58	53	48.24	cps
Gadolinium	160-2	13	0	7	7	99.98	cps
Holmium	165-1	12533019	12307623	12649113	12496585	1.39	cps
Holmium	165-2	2499780	2217478	2378812	2365357	5.99	cps
Indium	115-1	9872302	9665122	9880204	9805876	1.24	cps
Indium	115-2	332934	303736	322607	319759	4.63	cps
Iron	56-2	3106	3089	3000	3065	1.85	cps
Iron	57-2	94	106	72	91	18.71	cps
Krypton	83-1	273	337	243	284	16.75	cps
Lead	206-1	283	456	367	369	23.37	cps
Lead	207-1	350	378	317	348	8.79	cps
Lead	208-1	1467	1728	1428	1541	10.59	cps
Lithium	6-1	2434886	2403744	2433006	2423879	0.72	cps
Magnesium	24-2	20841	21150	21233	21075	0.98	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	99689	100055	100374	100039	0.34	cps
Molybdenum	94-1	575	675	683	644	9.35	cps
Molybdenum	95-1	308	217	317	281	19.78	cps
Molybdenum	96-1	408	400	425	411	3.10	cps
Molybdenum	97-1	233	217	208	219	5.80	cps
Molybdenum	98-1	458	408	442	436	5.84	cps
Neodymium	150-1	13	7	13	11	34.61	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	280	290	303	291	4.02	cps
Phosphorus	31-2	17	25	0	14	91.65	cps
Potassium	39-2	4151	4693	4593	4479	6.44	cps
Rhodium	103-1	9216494	9107493	9349316	9224434	1.31	cps
Rhodium	103-2	2324270	2115066	2256800	2232045	4.78	cps
Scandium	45-1	5840432	5705232	5832127	5792597	1.31	cps
Scandium	45-2	35719	31766	33420	33635	5.90	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	2	-79	27	-17	-333.66	cps
Silicon	28-1	3728383	3694704	3682959	3702015	0.64	cps
Silver	109-1	408	408	492	436	11.03	cps
Silver	107-1	533	375	542	483	19.43	cps
Sodium	23-2	28446	30008	29273	29242	2.67	cps
Strontium	86-1	38046	37628	37077	37583	1.29	cps
Strontium	88-1	318575	320508	318560	319214	0.35	cps
Sulfur	34-1	371733	365914	366725	368124	0.86	cps
Terbium	159-1	12972031	12742126	13091101	12935086	1.37	cps
Terbium	159-2	2317084	2116502	2234442	2222676	4.54	cps
Thallium	203-1	175	192	158	175	9.53	cps
Thallium	205-1	425	442	483	450	6.68	cps
Tin	118-1	1600	1550	1492	1547	3.51	cps
Titanium	47-1	167	158	233	186	22.09	cps
Uranium	238-1	258	333	275	289	13.63	cps
Vanadium	51-2	13	10	13	12	15.73	cps
Yttrium	89-1	10247400	9998380	10174044	10139942	1.26	cps
Yttrium	89-2	247459	225694	238249	237134	4.61	cps
Zinc	66-2	100	123	87	103	17.96	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:01:48	DataFile Name :	062SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1525	1317	1325	1389	8.49	cps
Zirconium	91-1	333	317	267	306	11.36	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	25	8	17	17	50.01	cps
Antimony	121-1	283	275	308	289	6.00	cps
Arsenic	75-2	0	4	6	3	91.69	cps
Barium	135-1	433	492	383	436	12.43	cps
Barium	137-1	775	750	908	811	10.49	cps
Beryllium	9-1	150	139	111	133	15.02	cps
Bismuth	209-1	7963191	7970659	7940598	7958149	0.20	cps
Bismuth	209-2	2010961	1977091	2025315	2004456	1.24	cps
Boron	10-1	800	658	792	750	10.60	cps
Boron	11-1	3034	2934	3226	3064	4.84	cps
Cadmium	111-1	1404	1453	1333	1397	4.34	cps
Cadmium	106-1	1992	2050	1817	1953	6.22	cps
Cadmium	108-1	4	4	8	6	43.22	cps
Calcium	43-1	11772	12398	11605	11925	3.50	cps
Calcium	44-1	205517	202828	208400	205582	1.36	cps
Chromium	52-2	420	430	503	451	10.09	cps
Cobalt	59-2	83	77	117	92	23.24	cps
Copper	63-2	477	470	540	496	7.80	cps
Dysprosium	156-1	17	17	33	22	43.28	cps
Dysprosium	156-2	3	0	3	2	86.60	cps
Erbium	164-1	67	25	25	39	61.86	cps
Erbium	164-2	7	3	13	8	65.47	cps
Gadolinium	160-1	50	50	33	44	21.66	cps
Gadolinium	160-2	7	7	10	8	24.71	cps
Holmium	165-1	12527025	12568036	12419658	12504906	0.61	cps
Holmium	165-2	2441928	2400057	2456363	2432782	1.20	cps
Indium	115-1	9898901	9841532	9722737	9821057	0.91	cps
Indium	115-2	340640	335293	338260	338064	0.79	cps
Iron	56-2	1689	2056	1800	1848	10.17	cps
Iron	57-2	50	78	28	52	48.31	cps
Krypton	83-1	337	313	343	331	4.76	cps
Lead	206-1	739	783	744	756	3.21	cps
Lead	207-1	578	633	561	591	6.40	cps
Lead	208-1	2800	2800	2750	2784	1.04	cps
Lithium	6-1	2434762	2457196	2453331	2448430	0.49	cps
Magnesium	24-2	4009	4026	4384	4140	5.12	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	19247	19908	19140	19431	2.14	cps
Molybdenum	94-1	567	508	408	494	16.20	cps
Molybdenum	95-1	150	183	175	169	10.24	cps
Molybdenum	96-1	350	308	425	361	16.37	cps
Molybdenum	97-1	125	150	150	142	10.19	cps
Molybdenum	98-1	292	342	358	331	10.49	cps
Neodymium	150-1	27	0	0	9	173.21	cps
Neodymium	150-2	0	0	3	1	173.21	cps
Nickel	60-2	110	93	87	97	12.43	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	2042	1984	1959	1995	2.14	cps
Rhodium	103-1	9176513	9226846	9248448	9217269	0.40	cps
Rhodium	103-2	2334105	2286945	2375336	2332129	1.90	cps
Scandium	45-1	5823112	5852582	5823120	5832938	0.29	cps
Scandium	45-2	35916	35906	35946	35923	0.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-33	-61	-54	-50	-29.93	cps
Silicon	28-1	984247	982402	996628	987759	0.78	cps
Silver	109-1	258	217	200	225	13.35	cps
Silver	107-1	233	300	267	267	12.50	cps
Sodium	23-2	8603	8444	8695	8581	1.48	cps
Strontium	86-1	7119	7486	6910	7172	4.06	cps
Strontium	88-1	59212	58878	59296	59129	0.37	cps
Sulfur	34-1	374163	370030	371916	372037	0.56	cps
Terbium	159-1	12976154	12834951	12690451	12833852	1.11	cps
Terbium	159-2	2320154	2278933	2301437	2300175	0.90	cps
Thallium	203-1	108	158	167	144	21.84	cps
Thallium	205-1	333	225	367	308	24.02	cps
Tin	118-1	1250	925	1183	1120	15.34	cps
Titanium	47-1	92	208	158	153	38.31	cps
Uranium	238-1	75	92	108	92	18.18	cps
Vanadium	51-2	3	13	17	11	62.48	cps
Yttrium	89-1	10172830	10241693	10137321	10183948	0.52	cps
Yttrium	89-2	248728	247081	247883	247897	0.33	cps
Zinc	66-2	47	57	47	50	11.55	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:05:07	DataFile Name :	063SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1242	1042	1283	1189	10.87	cps
Zirconium	91-1	242	317	258	272	14.47	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3826	4142	3926	3965	4.08	cps
Antimony	121-1	387538	381036	393169	387248	1.57	cps
Arsenic	75-2	3217	3193	3217	3209	0.43	cps
Barium	135-1	396057	393449	395353	394953	0.34	cps
Barium	137-1	691350	690571	701103	694342	0.85	cps
Beryllium	9-1	62977	63278	63462	63239	0.39	cps
Bismuth	209-1	7659622	7929146	7812444	7800404	1.73	cps
Bismuth	209-2	1996766	1988977	1873341	1953028	3.54	cps
Boron	10-1	6877	7819	7235	7310	6.50	cps
Boron	11-1	32337	32964	32863	32722	1.03	cps
Cadmium	111-1	83210	83627	85485	84107	1.44	cps
Cadmium	106-1	10354	10838	10296	10496	2.84	cps
Cadmium	108-1	6006	6026	6064	6032	0.49	cps
Calcium	43-1	148586	149254	149058	148966	0.23	cps
Calcium	44-1	2520287	2487526	2514841	2507551	0.70	cps
Chromium	52-2	31375	31532	30610	31173	1.58	cps
Cobalt	59-2	70397	70413	69981	70264	0.35	cps
Copper	63-2	119541	119414	118842	119266	0.31	cps
Dysprosium	156-1	17	17	42	25	57.73	cps
Dysprosium	156-2	0	17	7	8	107.84	cps
Erbium	164-1	25	50	58	44	39.04	cps
Erbium	164-2	7	3	3	4	43.40	cps
Gadolinium	160-1	58	58	58	58	0.00	cps
Gadolinium	160-2	10	10	7	9	21.63	cps
Holmium	165-1	11855157	12439494	12350804	12215152	2.58	cps
Holmium	165-2	2388845	2420291	2257577	2355571	3.66	cps
Indium	115-1	9226874	9630828	9576573	9478092	2.31	cps
Indium	115-2	323177	326573	306024	318591	3.46	cps
Iron	56-2	993163	990582	990365	991370	0.16	cps
Iron	57-2	25123	25212	24683	25006	1.13	cps
Krypton	83-1	300	300	250	283	10.19	cps
Lead	206-1	262183	259842	265271	262432	1.04	cps
Lead	207-1	226650	226824	228063	227179	0.34	cps
Lead	208-1	1047404	1043474	1057785	1049555	0.70	cps
Lithium	6-1	2307447	2392284	2387927	2362553	2.02	cps
Magnesium	24-2	131916	134127	133211	133084	0.83	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	113519	111695	112713	112643	0.81	cps
Molybdenum	94-1	644971	644611	658411	649331	1.21	cps
Molybdenum	95-1	785595	783015	791682	786764	0.57	cps
Molybdenum	96-1	877761	880907	886059	881576	0.48	cps
Molybdenum	97-1	491016	495994	499055	495355	0.82	cps
Molybdenum	98-1	1258516	1256345	1272563	1262475	0.70	cps
Neodymium	150-1	40	40	40	40	0.00	cps
Neodymium	150-2	0	3	3	2	86.60	cps
Nickel	60-2	20609	20993	20886	20829	0.95	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	29640	28931	29649	29407	1.40	cps
Rhodium	103-1	8622338	9107783	8971093	8900405	2.81	cps
Rhodium	103-2	2256106	2283050	2164141	2234433	2.79	cps
Scandium	45-1	5572292	5765116	5681105	5672837	1.70	cps
Scandium	45-2	33166	35097	31917	33393	4.80	cps
Selenium	77-2	27	17	30	24	28.38	cps
Selenium	78-2	74	70	57	67	13.00	cps
Selenium	82-1	5204	5183	5214	5200	0.31	cps
Silicon	28-1	3804107	3794128	3779939	3792725	0.32	cps
Silver	109-1	318343	318565	322588	319832	0.75	cps
Silver	107-1	335594	336466	337561	336541	0.29	cps
Sodium	23-2	294732	289684	291662	292026	0.87	cps
Strontium	86-1	138857	139607	140703	139722	0.66	cps
Strontium	88-1	1206998	1197215	1215496	1206570	0.76	cps
Sulfur	34-1	367053	363716	361913	364228	0.72	cps
Terbium	159-1	12137202	12776885	12656776	12523621	2.71	cps
Terbium	159-2	2269887	2303711	2160685	2244761	3.33	cps
Thallium	203-1	318358	320124	324066	320849	0.91	cps
Thallium	205-1	764058	765957	777203	769073	0.92	cps
Tin	118-1	261085	259955	263608	261549	0.72	cps
Titanium	47-1	212025	213993	212812	212943	0.47	cps
Uranium	238-1	1019205	1004736	1020187	1014709	0.85	cps
Vanadium	51-2	22585	22428	22682	22565	0.57	cps
Yttrium	89-1	9557273	10036875	9938969	9844372	2.57	cps
Yttrium	89-2	240538	241261	226767	236189	3.46	cps
Zinc	66-2	9143	8993	8833	8990	1.73	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-28DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:08:27	DataFile Name :	064SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	543678	538205	551551	544478	1.23	cps
Zirconium	91-1	120951	120900	121219	121023	0.14	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3909	4376	4209	4165	5.68	cps
Antimony	121-1	401100	405466	406149	404238	0.68	cps
Arsenic	75-2	3482	3386	3419	3429	1.43	cps
Barium	135-1	407659	409685	410495	409280	0.36	cps
Barium	137-1	721167	722613	717574	720451	0.36	cps
Beryllium	9-1	66018	65672	66236	65975	0.43	cps
Bismuth	209-1	7901292	8072067	8270661	8081340	2.29	cps
Bismuth	209-2	1793310	1973450	1951216	1905992	5.15	cps
Boron	10-1	7436	7994	7852	7761	3.74	cps
Boron	11-1	34000	33966	36113	34693	3.55	cps
Cadmium	111-1	87332	88019	87778	87710	0.40	cps
Cadmium	106-1	11247	10780	11380	11136	2.83	cps
Cadmium	108-1	6064	5939	6106	6036	1.44	cps
Calcium	43-1	155545	153286	151609	153480	1.29	cps
Calcium	44-1	2560834	2543855	2574656	2559782	0.60	cps
Chromium	52-2	32551	32358	32070	32326	0.75	cps
Cobalt	59-2	72668	73399	74002	73356	0.91	cps
Copper	63-2	124663	123361	123953	123993	0.53	cps
Dysprosium	156-1	33	25	50	36	35.25	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	25	33	33	31	15.74	cps
Erbium	164-2	7	7	10	8	24.71	cps
Gadolinium	160-1	58	100	58	72	33.31	cps
Gadolinium	160-2	17	3	13	11	62.48	cps
Holmium	165-1	12400496	12631975	12820835	12617769	1.67	cps
Holmium	165-2	2197416	2381697	2393873	2324329	4.74	cps
Indium	115-1	9679450	9889270	9998600	9855773	1.65	cps
Indium	115-2	297656	323639	321208	314168	4.57	cps
Iron	56-2	1029252	1023045	1032938	1028412	0.49	cps
Iron	57-2	25925	26158	26197	26093	0.56	cps
Krypton	83-1	293	370	287	317	14.62	cps
Lead	206-1	272496	272433	275957	273629	0.74	cps
Lead	207-1	238741	239942	238688	239124	0.30	cps
Lead	208-1	1096231	1100440	1099511	1098727	0.20	cps
Lithium	6-1	2383648	2448816	2490396	2440954	2.20	cps
Magnesium	24-2	136794	135817	138593	137068	1.03	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	115888	115569	118138	116532	1.20	cps
Molybdenum	94-1	683204	682496	680700	682133	0.19	cps
Molybdenum	95-1	821721	819352	820772	820615	0.15	cps
Molybdenum	96-1	915794	920695	912994	916495	0.43	cps
Molybdenum	97-1	517304	516007	515781	516364	0.16	cps
Molybdenum	98-1	1324271	1318379	1311939	1318196	0.47	cps
Neodymium	150-1	13	27	20	20	33.35	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	22144	21884	21757	21929	0.90	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	30384	30551	29857	30264	1.20	cps
Rhodium	103-1	9108094	9251631	9374830	9244852	1.44	cps
Rhodium	103-2	2084974	2255163	2272370	2204169	4.70	cps
Scandium	45-1	5679018	5877514	5946751	5834427	2.38	cps
Scandium	45-2	31275	34412	33664	33117	4.95	cps
Selenium	77-2	13	17	30	20	44.10	cps
Selenium	78-2	96	87	57	80	25.31	cps
Selenium	82-1	5403	5198	5322	5308	1.95	cps
Silicon	28-1	3937636	3893028	3978633	3936432	1.09	cps
Silver	109-1	334735	333496	331741	333324	0.45	cps
Silver	107-1	352258	348308	345055	348540	1.03	cps
Sodium	23-2	293702	286980	288671	289784	1.21	cps
Strontium	86-1	145222	143622	145991	144945	0.83	cps
Strontium	88-1	1250932	1254942	1256287	1254054	0.22	cps
Sulfur	34-1	368032	361844	358980	362952	1.27	cps
Terbium	159-1	12747902	12973618	13207276	12976266	1.77	cps
Terbium	159-2	2091980	2269161	2253464	2204868	4.45	cps
Thallium	203-1	338751	331878	334119	334916	1.05	cps
Thallium	205-1	802106	798917	809945	803656	0.71	cps
Tin	118-1	271825	269787	273731	271781	0.73	cps
Titanium	47-1	219555	222244	218520	220106	0.87	cps
Uranium	238-1	1059903	1065601	1079000	1068168	0.92	cps
Vanadium	51-2	22962	22956	22829	22916	0.33	cps
Yttrium	89-1	10058814	10159796	10359949	10192853	1.50	cps
Yttrium	89-2	219512	240515	238961	232996	5.02	cps
Zinc	66-2	9260	9717	9730	9569	2.80	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-29DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:11:47	DataFile Name :	065SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	592862	581751	584620	586411	0.98	cps
Zirconium	91-1	130556	130849	129697	130367	0.46	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3951	4501	4109	4187	6.76	cps
Antimony	121-1	396395	395592	393701	395229	0.35	cps
Arsenic	75-2	3143	3280	3367	3263	3.46	cps
Barium	135-1	403569	403832	402875	403425	0.12	cps
Barium	137-1	709009	706061	703489	706186	0.39	cps
Beryllium	9-1	64149	64143	63920	64070	0.20	cps
Bismuth	209-1	7898059	8060448	8122396	8026967	1.44	cps
Bismuth	209-2	1990274	1977841	1997006	1988374	0.49	cps
Boron	10-1	7069	7802	8261	7711	7.80	cps
Boron	11-1	33540	34869	34751	34387	2.14	cps
Cadmium	111-1	85862	85233	86199	85765	0.57	cps
Cadmium	106-1	10838	10221	11130	10730	4.33	cps
Cadmium	108-1	6181	5881	6068	6043	2.51	cps
Calcium	43-1	150693	150980	149523	150399	0.51	cps
Calcium	44-1	2526833	2488957	2517737	2511176	0.79	cps
Chromium	52-2	31095	31943	31268	31435	1.43	cps
Cobalt	59-2	71160	70487	71368	71005	0.65	cps
Copper	63-2	119494	120372	120951	120272	0.61	cps
Dysprosium	156-1	17	25	17	19	24.73	cps
Dysprosium	156-2	7	7	3	6	34.70	cps
Erbium	164-1	42	25	58	42	40.00	cps
Erbium	164-2	13	7	3	8	65.47	cps
Gadolinium	160-1	67	92	92	83	17.32	cps
Gadolinium	160-2	3	3	13	7	86.65	cps
Holmium	165-1	12405883	12402464	12556667	12455005	0.71	cps
Holmium	165-2	2387948	2356637	2383212	2375932	0.71	cps
Indium	115-1	9505459	9736396	9770205	9670687	1.49	cps
Indium	115-2	324172	322186	321128	322495	0.48	cps
Iron	56-2	1004714	1000152	998244	1001037	0.33	cps
Iron	57-2	25118	24700	25095	24971	0.94	cps
Krypton	83-1	370	240	270	293	23.20	cps
Lead	206-1	269020	266634	270847	268834	0.79	cps
Lead	207-1	231989	236317	235113	234473	0.95	cps
Lead	208-1	1070710	1079434	1080284	1076809	0.49	cps
Lithium	6-1	2369293	2393162	2429133	2397196	1.26	cps
Magnesium	24-2	134322	132731	132950	133334	0.65	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	114817	113536	113201	113851	0.75	cps
Molybdenum	94-1	664788	663740	667481	665336	0.29	cps
Molybdenum	95-1	803605	797298	805125	802009	0.52	cps
Molybdenum	96-1	891543	891139	895918	892867	0.30	cps
Molybdenum	97-1	501117	506925	505744	504596	0.61	cps
Molybdenum	98-1	1287231	1294844	1294551	1292209	0.33	cps
Neodymium	150-1	40	53	27	40	33.33	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	21350	21397	21707	21485	0.90	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	29298	29632	29356	29429	0.61	cps
Rhodium	103-1	8893929	9098171	9138966	9043688	1.45	cps
Rhodium	103-2	2251393	2237025	2253723	2247380	0.40	cps
Scandium	45-1	5669466	5686457	5737750	5697891	0.62	cps
Scandium	45-2	33834	33627	33774	33745	0.32	cps
Selenium	77-2	13	20	17	17	20.01	cps
Selenium	78-2	70	74	91	78	13.84	cps
Selenium	82-1	4999	5280	5218	5165	2.85	cps
Silicon	28-1	3788081	3855006	3817626	3820238	0.88	cps
Silver	109-1	324813	323925	328146	325628	0.68	cps
Silver	107-1	339579	340191	344066	341279	0.71	cps
Sodium	23-2	287314	288418	287711	287814	0.19	cps
Strontium	86-1	141964	144397	141837	142733	1.01	cps
Strontium	88-1	1219366	1232489	1227404	1226420	0.54	cps
Sulfur	34-1	355900	353616	357915	355811	0.60	cps
Terbium	159-1	12661726	12808013	12887106	12785615	0.89	cps
Terbium	159-2	2280056	2274767	2259810	2271544	0.46	cps
Thallium	203-1	331788	330266	328698	330250	0.47	cps
Thallium	205-1	788855	793558	796487	792967	0.49	cps
Tin	118-1	268049	267558	269147	268252	0.30	cps
Titanium	47-1	213509	214679	213463	213884	0.32	cps
Uranium	238-1	1047269	1052127	1048463	1049286	0.24	cps
Vanadium	51-2	22498	22458	22248	22401	0.60	cps
Yttrium	89-1	9831399	10040144	10152298	10007947	1.63	cps
Yttrium	89-2	237353	236880	239702	237978	0.64	cps
Zinc	66-2	9523	9333	9177	9344	1.86	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-27ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:15:06	DataFile Name :	066SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	573513	573332	576841	574562	0.34	cps
Zirconium	91-1	128948	129218	126919	128362	0.98	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	67	75	58	37.80	cps
Antimony	121-1	483	483	483	483	0.00	cps
Arsenic	75-2	174	180	170	175	2.67	cps
Barium	135-1	3909	3567	3842	3773	4.80	cps
Barium	137-1	6977	6894	6177	6683	6.59	cps
Beryllium	9-1	172	183	144	167	12.02	cps
Bismuth	209-1	7877469	7973939	8150786	8000731	1.73	cps
Bismuth	209-2	2021267	1964961	2004155	1996794	1.45	cps
Boron	10-1	1333	1142	1350	1275	9.08	cps
Boron	11-1	5393	5268	5343	5335	1.18	cps
Cadmium	111-1	1334	1383	1258	1325	4.76	cps
Cadmium	106-1	1867	1934	1775	1859	4.28	cps
Cadmium	108-1	8	0	8	6	86.60	cps
Calcium	43-1	49255	49129	48109	48831	1.29	cps
Calcium	44-1	817089	815435	817372	816632	0.13	cps
Chromium	52-2	490	443	433	456	6.64	cps
Cobalt	59-2	367	383	330	360	7.58	cps
Copper	63-2	693	697	553	648	12.63	cps
Dysprosium	156-1	17	33	33	28	34.63	cps
Dysprosium	156-2	10	7	0	6	91.64	cps
Erbium	164-1	67	75	75	72	6.66	cps
Erbium	164-2	3	20	0	8	137.80	cps
Gadolinium	160-1	67	58	25	50	44.10	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	12227086	12454371	12523033	12401497	1.25	cps
Holmium	165-2	2365445	2323508	2389990	2359647	1.42	cps
Indium	115-1	9529087	9703505	9781697	9671430	1.34	cps
Indium	115-2	324964	315204	325483	321883	1.80	cps
Iron	56-2	390387	390135	389546	390023	0.11	cps
Iron	57-2	9870	9459	9704	9678	2.14	cps
Krypton	83-1	370	287	313	323	13.16	cps
Lead	206-1	417	406	311	378	15.35	cps
Lead	207-1	294	367	267	309	16.69	cps
Lead	208-1	1317	1600	1356	1424	10.79	cps
Lithium	6-1	2346157	2396733	2421559	2388150	1.61	cps
Magnesium	24-2	21717	21025	22452	21731	3.28	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25841	25240	25590	25557	1.18	cps
Molybdenum	94-1	1450	1475	1375	1433	3.63	cps
Molybdenum	95-1	958	792	683	811	17.08	cps
Molybdenum	96-1	1200	950	875	1008	16.88	cps
Molybdenum	97-1	492	433	542	489	11.09	cps
Molybdenum	98-1	1267	1233	1358	1286	5.03	cps
Neodymium	150-1	33	27	7	22	62.43	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	137	123	120	127	6.96	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	4634	4843	4709	4729	2.23	cps
Rhodium	103-1	8946125	9064438	9172892	9061151	1.25	cps
Rhodium	103-2	2257118	2193986	2286917	2246007	2.11	cps
Scandium	45-1	5558003	5652865	5698771	5636546	1.27	cps
Scandium	45-2	34168	32134	33958	33420	3.35	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	-59	28	-21	-17	-254.26	cps
Silicon	28-1	2599582	2524095	2539926	2554534	1.56	cps
Silver	109-1	392	258	375	342	21.26	cps
Silver	107-1	408	258	492	386	30.62	cps
Sodium	23-2	34451	34861	35571	34961	1.62	cps
Strontium	86-1	29742	29717	29115	29525	1.20	cps
Strontium	88-1	255231	256733	257724	256563	0.49	cps
Sulfur	34-1	364846	361955	363176	363326	0.40	cps
Terbium	159-1	12599727	12774338	12785499	12719855	0.82	cps
Terbium	159-2	2256043	2205448	2251636	2237709	1.25	cps
Thallium	203-1	283	300	283	289	3.33	cps
Thallium	205-1	525	600	558	561	6.70	cps
Tin	118-1	1400	1775	1818	1664	13.81	cps
Titanium	47-1	175	167	325	222	40.10	cps
Uranium	238-1	217	192	208	206	6.19	cps
Vanadium	51-2	37	73	37	49	43.29	cps
Yttrium	89-1	9852913	10011890	10037695	9967499	1.00	cps
Yttrium	89-2	237222	230407	237432	235020	1.70	cps
Zinc	66-2	130	83	130	114	23.54	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-30DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:18:25	DataFile Name :	067SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2484	2084	2484	2350	9.83	cps
Zirconium	91-1	525	608	500	544	10.42	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	0	8	8	6	86.60	cps
Antimony	121-1	517	392	383	431	17.35	cps
Arsenic	75-2	130	106	141	125	14.35	cps
Barium	135-1	3626	3042	3651	3439	10.01	cps
Barium	137-1	6185	6110	6052	6116	1.09	cps
Beryllium	9-1	111	172	161	148	21.98	cps
Bismuth	209-1	8058814	7807374	8118352	7994846	2.06	cps
Bismuth	209-2	2005631	1999050	1978752	1994478	0.70	cps
Boron	10-1	1075	1158	975	1070	8.58	cps
Boron	11-1	4276	4776	4476	4509	5.58	cps
Cadmium	111-1	1403	1355	1356	1371	2.02	cps
Cadmium	106-1	1992	1934	1934	1953	1.73	cps
Cadmium	108-1	29	4	21	18	70.49	cps
Calcium	43-1	57988	58305	59568	58620	1.43	cps
Calcium	44-1	950248	962408	964556	959071	0.80	cps
Chromium	52-2	410	390	487	429	11.90	cps
Cobalt	59-2	90	93	63	82	20.00	cps
Copper	63-2	640	647	587	624	5.27	cps
Dysprosium	156-1	33	17	25	25	33.32	cps
Dysprosium	156-2	7	3	0	3	100.05	cps
Erbium	164-1	25	58	58	47	40.76	cps
Erbium	164-2	7	0	10	6	91.64	cps
Gadolinium	160-1	58	100	67	75	29.40	cps
Gadolinium	160-2	7	20	7	11	69.25	cps
Holmium	165-1	12574929	11889330	12430846	12298369	2.94	cps
Holmium	165-2	2390248	2395601	2392044	2392631	0.11	cps
Indium	115-1	9750528	9361781	9732552	9614954	2.28	cps
Indium	115-2	325131	323702	323406	324080	0.28	cps
Iron	56-2	509329	510186	513565	511027	0.44	cps
Iron	57-2	12901	12828	12756	12828	0.56	cps
Krypton	83-1	257	270	283	270	4.94	cps
Lead	206-1	344	311	517	391	28.23	cps
Lead	207-1	311	250	361	307	18.10	cps
Lead	208-1	1422	1217	1678	1439	16.05	cps
Lithium	6-1	2411213	2302316	2411901	2375144	2.66	cps
Magnesium	24-2	17545	17061	17862	17489	2.31	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	12442	12809	12806	12686	1.66	cps
Molybdenum	94-1	975	883	792	883	10.38	cps
Molybdenum	95-1	383	425	433	414	6.47	cps
Molybdenum	96-1	717	542	675	644	14.19	cps
Molybdenum	97-1	400	275	233	303	28.65	cps
Molybdenum	98-1	650	583	625	619	5.44	cps
Neodymium	150-1	53	27	13	31	65.48	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	107	133	137	126	13.10	cps
Phosphorus	31-2	0	0	8	3	173.21	cps
Potassium	39-2	4776	4651	4751	4726	1.40	cps
Rhodium	103-1	9185590	8802502	9153893	9047328	2.35	cps
Rhodium	103-2	2244951	2277960	2258834	2260581	0.73	cps
Scandium	45-1	5681226	5493269	5726700	5633732	2.20	cps
Scandium	45-2	33460	33410	33664	33511	0.40	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	2	2	1	86.60	cps
Selenium	82-1	-23	13	8	-1	-2260.92	cps
Silicon	28-1	2784533	2795734	2803499	2794589	0.34	cps
Silver	109-1	308	233	333	292	17.84	cps
Silver	107-1	417	292	333	347	18.33	cps
Sodium	23-2	32839	31853	32505	32399	1.55	cps
Strontium	86-1	33183	32164	32490	32612	1.60	cps
Strontium	88-1	277498	274095	278702	276765	0.86	cps
Sulfur	34-1	371306	368523	367965	369264	0.48	cps
Terbium	159-1	12907094	12385621	12794102	12695606	2.16	cps
Terbium	159-2	2261061	2252399	2252951	2255471	0.22	cps
Thallium	203-1	183	158	192	178	9.76	cps
Thallium	205-1	533	433	392	453	16.08	cps
Tin	118-1	1450	1592	1408	1483	6.48	cps
Titanium	47-1	100	258	192	183	43.36	cps
Uranium	238-1	108	75	42	75	44.44	cps
Vanadium	51-2	0	13	10	8	89.21	cps
Yttrium	89-1	10074742	9622361	10025875	9907660	2.51	cps
Yttrium	89-2	237439	236988	237398	237275	0.11	cps
Zinc	66-2	90	140	137	122	22.87	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-31DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0042DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:21:45	DataFile Name :	068SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1634	1809	1900	1781	7.61	cps
Zirconium	91-1	417	392	442	417	6.00	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	232364	237546	240707	236872	1.78	cps
Antimony	121-1	3842246	3831162	3856894	3843434	0.34	cps
Arsenic	75-2	34400	34601	34708	34570	0.45	cps
Barium	135-1	4106404	4197484	4154817	4152902	1.10	cps
Barium	137-1	7148510	7126003	7132369	7135628	0.16	cps
Beryllium	9-1	640347	640855	639748	640317	0.09	cps
Bismuth	209-1	7647108	7555219	7561231	7587853	0.68	cps
Bismuth	209-2	1943556	1970575	1895007	1936380	1.98	cps
Boron	10-1	70389	71169	73748	71768	2.45	cps
Boron	11-1	320055	329328	337386	328923	2.64	cps
Cadmium	111-1	806782	812443	806764	808663	0.40	cps
Cadmium	106-1	88347	90335	87173	88618	1.80	cps
Cadmium	108-1	58367	59284	59054	58902	0.81	cps
Calcium	43-1	4545019	4542555	4532639	4540071	0.14	cps
Calcium	44-1	74293527	73917295	74220133	74143652	0.27	cps
Chromium	52-2	336057	337939	341058	338351	0.75	cps
Cobalt	59-2	715126	720589	729163	721626	0.98	cps
Copper	63-2	1221859	1226035	1236253	1228049	0.60	cps
Dysprosium	156-1	100	100	67	89	21.65	cps
Dysprosium	156-2	17	3	0	7	132.33	cps
Erbium	164-1	50	17	17	28	69.27	cps
Erbium	164-2	10	0	7	6	91.64	cps
Gadolinium	160-1	67	108	42	72	46.63	cps
Gadolinium	160-2	3	10	10	8	49.52	cps
Holmium	165-1	12391905	12479335	12370910	12414050	0.46	cps
Holmium	165-2	2464934	2529834	2455022	2483263	1.64	cps
Indium	115-1	9299512	9421181	9463394	9394696	0.91	cps
Indium	115-2	327555	341104	327050	331903	2.40	cps
Iron	56-2	53697329	54253676	54633035	54194680	0.87	cps
Iron	57-2	1349582	1361139	1381866	1364196	1.20	cps
Krypton	83-1	287	323	313	308	6.16	cps
Lead	206-1	2603368	2608732	2580592	2597564	0.58	cps
Lead	207-1	2366505	2369937	2378778	2371740	0.27	cps
Lead	208-1	10573635	10557257	10566068	10565653	0.08	cps
Lithium	6-1	2371402	2390096	2391072	2384190	0.46	cps
Magnesium	24-2	6086556	6094127	6124620	6101768	0.33	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	172270	174349	174242	173620	0.67	cps
Molybdenum	94-1	6749761	6791309	6772499	6771190	0.31	cps
Molybdenum	95-1	8399853	8337486	8275179	8337506	0.75	cps
Molybdenum	96-1	9254768	9316541	9277302	9282870	0.34	cps
Molybdenum	97-1	5290704	5295481	5291870	5292685	0.05	cps
Molybdenum	98-1	13325806	13301282	13386417	13337835	0.33	cps
Neodymium	150-1	153	207	207	189	16.30	cps
Neodymium	150-2	13	13	10	12	15.73	cps
Nickel	60-2	212772	212890	212928	212863	0.04	cps
Phosphorus	31-2	2684	3025	2800	2837	6.12	cps
Potassium	39-2	1435318	1465813	1443938	1448356	1.09	cps
Rhodium	103-1	8584308	8607765	8672531	8621534	0.53	cps
Rhodium	103-2	2187215	2247041	2146056	2193437	2.32	cps
Scandium	45-1	5838639	5828576	5844589	5837268	0.14	cps
Scandium	45-2	36775	37904	36805	37161	1.73	cps
Selenium	77-2	217	250	230	232	7.23	cps
Selenium	78-2	807	770	743	773	4.20	cps
Selenium	82-1	50606	50399	51046	50684	0.65	cps
Silicon	28-1	2004539	2016955	2010692	2010729	0.31	cps
Silver	109-1	3855931	3901700	3868804	3875478	0.61	cps
Silver	107-1	4040075	4031468	4030515	4034019	0.13	cps
Sodium	23-2	13826815	14076807	14094369	13999330	1.07	cps
Strontium	86-1	1065785	1055755	1066434	1062658	0.56	cps
Strontium	88-1	9199803	9101267	9123673	9141581	0.57	cps
Sulfur	34-1	641229	641721	644137	642362	0.24	cps
Terbium	159-1	12721724	12711781	12839531	12757679	0.56	cps
Terbium	159-2	2326624	2393871	2310027	2343507	1.89	cps
Thallium	203-1	3188494	3197149	3197464	3194369	0.16	cps
Thallium	205-1	7483616	7502293	7476328	7487412	0.18	cps
Tin	118-1	2710211	2739299	2774090	2741200	1.17	cps
Titanium	47-1	2314557	2333171	2310061	2319263	0.53	cps
Uranium	238-1	10211414	10274207	10299263	10261628	0.44	cps
Vanadium	51-2	240695	243409	243661	242588	0.68	cps
Yttrium	89-1	10093291	9958823	10038605	10030240	0.67	cps
Yttrium	89-2	251872	260920	250471	254421	2.23	cps
Zinc	66-2	98741	98463	100390	99198	1.05	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV13	Instrumnet Name :	P8
Client Sample ID :	CCV13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:25:04	DataFile Name :	069CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5779443	5687019	5762782	5743081	0.86	cps
Zirconium	91-1	1273449	1269357	1273391	1272066	0.18	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	0	25	14	91.65	cps
Antimony	121-1	10671	8728	8461	9287	12.99	cps
Arsenic	75-2	9	4	4	6	57.80	cps
Barium	135-1	217	175	133	175	23.81	cps
Barium	137-1	358	242	208	269	29.23	cps
Beryllium	9-1	372	322	306	333	10.41	cps
Bismuth	209-1	7859349	7687965	7482106	7676474	2.46	cps
Bismuth	209-2	2023373	2040348	2043978	2035899	0.54	cps
Boron	10-1	2834	2442	2784	2686	7.94	cps
Boron	11-1	13574	11797	11322	12231	9.71	cps
Cadmium	111-1	1539	1471	1380	1463	5.46	cps
Cadmium	106-1	2142	2017	1859	2006	7.08	cps
Cadmium	108-1	21	17	13	17	24.99	cps
Calcium	43-1	650	792	592	678	15.18	cps
Calcium	44-1	19815	18613	17879	18769	5.21	cps
Chromium	52-2	460	457	493	470	4.31	cps
Cobalt	59-2	77	73	57	69	15.55	cps
Copper	63-2	470	487	383	447	12.42	cps
Dysprosium	156-1	0	8	8	6	86.60	cps
Dysprosium	156-2	3	0	0	1	173.21	cps
Erbium	164-1	67	58	42	56	22.91	cps
Erbium	164-2	3	7	7	6	34.70	cps
Gadolinium	160-1	83	67	100	83	20.00	cps
Gadolinium	160-2	13	3	3	7	86.65	cps
Holmium	165-1	12352244	12062853	11651352	12022149	2.93	cps
Holmium	165-2	2450581	2438898	2452836	2447438	0.31	cps
Indium	115-1	9766464	9642503	9229034	9546000	2.95	cps
Indium	115-2	337745	346657	344466	342956	1.35	cps
Iron	56-2	3167	3039	2834	3013	5.58	cps
Iron	57-2	83	72	78	78	7.15	cps
Krypton	83-1	320	303	310	311	2.70	cps
Lead	206-1	606	567	550	574	4.97	cps
Lead	207-1	422	589	556	522	16.89	cps
Lead	208-1	2411	2389	2400	2400	0.46	cps
Lithium	6-1	2421906	2415859	2320132	2385966	2.39	cps
Magnesium	24-2	283	275	242	267	8.27	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	53	47	63	54	15.41	cps
Molybdenum	94-1	4134	3717	3442	3765	9.25	cps
Molybdenum	95-1	4059	3742	3451	3751	8.12	cps
Molybdenum	96-1	5710	5001	4343	5018	13.63	cps
Molybdenum	97-1	2884	2584	2259	2575	12.14	cps
Molybdenum	98-1	7086	6510	5768	6455	10.23	cps
Neodymium	150-1	7	20	7	11	69.25	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	53	60	93	69	31.12	cps
Phosphorus	31-2	8	0	17	8	100.02	cps
Potassium	39-2	1608	1875	1892	1792	8.87	cps
Rhodium	103-1	9147474	9100893	8710625	8986331	2.67	cps
Rhodium	103-2	2342938	2359487	2365576	2356000	0.50	cps
Scandium	45-1	5949929	5792888	5677676	5806831	2.35	cps
Scandium	45-2	36177	37670	37146	36998	2.05	cps
Selenium	77-2	0	0	3	1	173.21	cps
Selenium	78-2	2	2	0	1	86.60	cps
Selenium	82-1	6	2	-1	2	178.30	cps
Silicon	28-1	250874	252168	248935	250659	0.65	cps
Silver	109-1	400	542	417	453	17.10	cps
Silver	107-1	517	525	500	514	2.48	cps
Sodium	23-2	5776	5451	4909	5379	8.14	cps
Strontium	86-1	542	492	567	533	7.16	cps
Strontium	88-1	558	533	492	528	6.38	cps
Sulfur	34-1	372729	370720	375515	372988	0.65	cps
Terbium	159-1	12720506	12530902	11879477	12376962	3.56	cps
Terbium	159-2	2289103	2324977	2347295	2320458	1.27	cps
Thallium	203-1	992	1000	625	872	24.55	cps
Thallium	205-1	2234	1984	1684	1967	14.00	cps
Tin	118-1	4234	3626	3217	3692	13.86	cps
Titanium	47-1	342	267	333	314	13.10	cps
Uranium	238-1	567	367	308	414	32.73	cps
Vanadium	51-2	20	10	23	18	39.03	cps
Yttrium	89-1	10023659	9960210	9546991	9843620	2.63	cps
Yttrium	89-2	252990	257330	256866	255729	0.93	cps
Zinc	66-2	37	47	43	42	12.06	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB13	Instrumnet Name :	P8
Client Sample ID :	CCB13	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 18:28:13	DataFile Name :	070CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3967	3817	3917	3901	1.96	cps
Zirconium	91-1	1117	850	800	922	18.46	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	25	0	11	114.58	cps
Antimony	121-1	2659	2534	2334	2509	6.54	cps
Arsenic	75-2	6	2	0	2	114.63	cps
Barium	135-1	108	50	117	92	39.63	cps
Barium	137-1	92	167	92	117	37.12	cps
Beryllium	9-1	228	228	244	233	4.12	cps
Bismuth	209-1	8028299	8038332	8097750	8054794	0.47	cps
Bismuth	209-2	2034364	2095325	2070779	2066822	1.48	cps
Boron	10-1	1258	1508	1433	1400	9.16	cps
Boron	11-1	5468	5410	5568	5482	1.46	cps
Cadmium	111-1	1507	1355	1606	1490	8.50	cps
Cadmium	106-1	2125	1875	2242	2081	9.00	cps
Cadmium	108-1	38	17	13	22	60.27	cps
Calcium	43-1	583	708	633	642	9.81	cps
Calcium	44-1	19281	18313	18021	18538	3.56	cps
Chromium	52-2	430	377	487	431	12.76	cps
Cobalt	59-2	43	57	37	46	22.36	cps
Copper	63-2	527	427	417	457	13.32	cps
Dysprosium	156-1	25	8	8	14	69.31	cps
Dysprosium	156-2	0	0	0	0	0.00	cps
Erbium	164-1	42	67	42	50	28.87	cps
Erbium	164-2	3	3	7	4	43.40	cps
Gadolinium	160-1	33	92	58	61	47.89	cps
Gadolinium	160-2	3	7	3	4	43.40	cps
Holmium	165-1	12561244	12450750	12494775	12502256	0.44	cps
Holmium	165-2	2457266	2527724	2506928	2497306	1.45	cps
Indium	115-1	9973068	9961495	9943346	9959303	0.15	cps
Indium	115-2	345247	353252	349018	349172	1.15	cps
Iron	56-2	1878	1811	1784	1824	2.66	cps
Iron	57-2	67	61	56	61	9.09	cps
Krypton	83-1	360	297	270	309	14.97	cps
Lead	206-1	567	494	617	559	10.99	cps
Lead	207-1	556	472	633	554	14.55	cps
Lead	208-1	2395	2228	2267	2296	3.80	cps
Lithium	6-1	2486727	2538875	2516343	2513982	1.04	cps
Magnesium	24-2	275	292	283	283	2.94	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43	43	63	50	23.10	cps
Molybdenum	94-1	1442	1400	1450	1431	1.87	cps
Molybdenum	95-1	1250	1092	983	1108	12.10	cps
Molybdenum	96-1	1675	1342	1317	1445	13.85	cps
Molybdenum	97-1	883	725	917	842	12.17	cps
Molybdenum	98-1	2217	1875	1842	1978	10.50	cps
Neodymium	150-1	7	0	13	7	99.98	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	113	83	70	89	24.97	cps
Phosphorus	31-2	8	0	0	3	173.21	cps
Potassium	39-2	1675	1834	1717	1742	4.71	cps
Rhodium	103-1	9507577	9405991	9387314	9433627	0.69	cps
Rhodium	103-2	2366700	2382346	2429568	2392871	1.37	cps
Scandium	45-1	6021798	6002209	6036832	6020280	0.29	cps
Scandium	45-2	36975	37748	37878	37534	1.30	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	4	2	2	2	43.30	cps
Selenium	82-1	-41	-8	26	-8	-442.43	cps
Silicon	28-1	252723	251367	252951	252347	0.34	cps
Silver	109-1	250	267	208	242	12.43	cps
Silver	107-1	233	275	258	256	8.21	cps
Sodium	23-2	4909	4284	4534	4576	6.88	cps
Strontium	86-1	450	408	508	456	11.03	cps
Strontium	88-1	517	592	433	514	15.41	cps
Sulfur	34-1	375197	372515	377134	374949	0.62	cps
Terbium	159-1	13026924	12759086	12979550	12921853	1.11	cps
Terbium	159-2	2328112	2372327	2373465	2357968	1.10	cps
Thallium	203-1	458	467	583	503	13.90	cps
Thallium	205-1	1108	1125	1050	1095	3.60	cps
Tin	118-1	1892	1659	1817	1789	6.66	cps
Titanium	47-1	158	150	233	181	25.42	cps
Uranium	238-1	100	125	58	94	35.66	cps
Vanadium	51-2	7	10	23	13	66.12	cps
Yttrium	89-1	10298453	10333709	10398039	10343400	0.49	cps
Yttrium	89-2	253727	262975	260073	258925	1.83	cps
Zinc	66-2	123	107	80	103	21.16	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-32DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-EB-2018-1DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:31:33	DataFile Name :	071SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2034	2467	2084	2195	10.80	cps
Zirconium	91-1	500	450	433	461	7.53	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	33	92	42	56	56.79	cps
Antimony	121-1	2292	2417	2617	2442	6.71	cps
Arsenic	75-2	396	393	404	398	1.42	cps
Barium	135-1	6660	6544	6835	6680	2.20	cps
Barium	137-1	12223	11756	12331	12103	2.53	cps
Beryllium	9-1	244	244	294	261	11.05	cps
Bismuth	209-1	8134384	7902699	7884793	7973959	1.75	cps
Bismuth	209-2	1884790	1996708	2034571	1972023	3.95	cps
Boron	10-1	1158	1367	1167	1231	9.59	cps
Boron	11-1	5385	5435	5785	5535	3.94	cps
Cadmium	111-1	1492	1523	1478	1498	1.54	cps
Cadmium	106-1	2000	1959	1892	1950	2.80	cps
Cadmium	108-1	29	21	13	21	40.01	cps
Calcium	43-1	133867	131166	134691	133241	1.38	cps
Calcium	44-1	2252367	2273620	2249696	2258561	0.58	cps
Chromium	52-2	453	503	523	493	7.31	cps
Cobalt	59-2	190	137	110	146	27.99	cps
Copper	63-2	857	770	623	750	15.73	cps
Dysprosium	156-1	58	50	42	50	16.67	cps
Dysprosium	156-2	13	0	13	9	86.60	cps
Erbium	164-1	142	108	83	111	26.34	cps
Erbium	164-2	17	17	17	17	0.00	cps
Gadolinium	160-1	108	100	75	94	18.37	cps
Gadolinium	160-2	10	13	13	12	15.73	cps
Holmium	165-1	12529915	12515151	12285336	12443467	1.10	cps
Holmium	165-2	2218589	2394927	2454391	2355969	5.21	cps
Indium	115-1	9866624	9707514	9650378	9741505	1.15	cps
Indium	115-2	307932	330798	332636	323789	4.25	cps
Iron	56-2	1293937	1278633	1275838	1282802	0.76	cps
Iron	57-2	32332	31993	31586	31970	1.17	cps
Krypton	83-1	297	340	333	323	7.22	cps
Lead	206-1	867	861	794	841	4.78	cps
Lead	207-1	778	789	794	787	1.08	cps
Lead	208-1	3306	3228	3350	3295	1.88	cps
Lithium	6-1	2444223	2399950	2400953	2415042	1.05	cps
Magnesium	24-2	21375	21400	20257	21011	3.11	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	45263	43738	43839	44280	1.93	cps
Molybdenum	94-1	1842	1892	1942	1892	2.64	cps
Molybdenum	95-1	1392	1300	1525	1406	8.05	cps
Molybdenum	96-1	2009	1750	1809	1856	7.30	cps
Molybdenum	97-1	833	1033	858	908	12.00	cps
Molybdenum	98-1	2367	2342	2359	2356	0.54	cps
Neodymium	150-1	27	40	53	40	33.33	cps
Neodymium	150-2	7	0	10	6	91.64	cps
Nickel	60-2	93	107	107	102	7.53	cps
Phosphorus	31-2	25	8	8	14	69.31	cps
Potassium	39-2	6368	6427	6627	6474	2.09	cps
Rhodium	103-1	9335943	9150828	8992642	9159804	1.88	cps
Rhodium	103-2	2123070	2290108	2306817	2239998	4.54	cps
Scandium	45-1	5885022	5840700	5775127	5833616	0.95	cps
Scandium	45-2	32264	34102	34954	33773	4.07	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	3	-36	-26	-20	-104.68	cps
Silicon	28-1	4022305	4012382	3980993	4005227	0.54	cps
Silver	109-1	658	808	750	739	10.23	cps
Silver	107-1	808	783	800	797	1.60	cps
Sodium	23-2	28972	27369	28672	28338	3.01	cps
Strontium	86-1	48872	48763	49432	49022	0.73	cps
Strontium	88-1	420919	420832	427878	423210	0.96	cps
Sulfur	34-1	367937	366131	360068	364712	1.13	cps
Terbium	159-1	12890021	12724562	12556600	12723728	1.31	cps
Terbium	159-2	2117511	2295436	2334033	2248994	5.14	cps
Thallium	203-1	925	1108	1050	1028	9.11	cps
Thallium	205-1	2309	2450	2217	2325	5.06	cps
Tin	118-1	2067	1984	2017	2022	2.07	cps
Titanium	47-1	533	508	267	436	33.77	cps
Uranium	238-1	1117	1142	1192	1150	3.32	cps
Vanadium	51-2	40	37	63	47	31.13	cps
Yttrium	89-1	10259078	10057680	10054058	10123606	1.16	cps
Yttrium	89-2	227290	242822	246206	238773	4.22	cps
Zinc	66-2	180	160	123	154	18.61	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-17DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0043DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:34:53	DataFile Name :	072SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2817	3092	2950	2953	4.66	cps
Zirconium	91-1	442	592	800	611	29.45	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	0	17	8	100.02	cps
Antimony	121-1	1317	1467	1258	1347	7.98	cps
Arsenic	75-2	369	348	354	357	2.95	cps
Barium	135-1	6118	6335	6452	6302	2.69	cps
Barium	137-1	10196	11180	11372	10916	5.78	cps
Beryllium	9-1	150	189	128	156	19.89	cps
Bismuth	209-1	8131187	7083201	7913209	7709199	7.17	cps
Bismuth	209-2	2025645	2032439	2007348	2021811	0.64	cps
Boron	10-1	942	1133	1050	1042	9.23	cps
Boron	11-1	4543	4834	4768	4715	3.24	cps
Cadmium	111-1	1426	1365	1286	1359	5.17	cps
Cadmium	106-1	1984	1917	1742	1881	6.64	cps
Cadmium	108-1	13	8	13	11	21.67	cps
Calcium	43-1	126476	131889	128684	129016	2.11	cps
Calcium	44-1	2127620	2159427	2150339	2145795	0.76	cps
Chromium	52-2	447	470	493	470	4.96	cps
Cobalt	59-2	80	63	80	74	12.93	cps
Copper	63-2	583	660	670	638	7.43	cps
Dysprosium	156-1	50	25	75	50	50.01	cps
Dysprosium	156-2	0	13	7	7	99.98	cps
Erbium	164-1	92	42	75	69	36.66	cps
Erbium	164-2	17	7	20	14	48.02	cps
Gadolinium	160-1	108	100	117	108	7.69	cps
Gadolinium	160-2	7	7	17	10	57.72	cps
Holmium	165-1	12574929	10965652	12275856	11938813	7.17	cps
Holmium	165-2	2428079	2422445	2418304	2422943	0.20	cps
Indium	115-1	9781384	8518018	9549103	9282835	7.24	cps
Indium	115-2	327970	327943	328886	328266	0.16	cps
Iron	56-2	1225902	1229795	1216790	1224163	0.55	cps
Iron	57-2	30723	30979	31932	31211	2.04	cps
Krypton	83-1	333	313	320	322	3.16	cps
Lead	206-1	439	439	528	469	10.95	cps
Lead	207-1	433	294	372	367	18.98	cps
Lead	208-1	1972	1683	1889	1848	8.05	cps
Lithium	6-1	2425490	2126882	2368546	2306973	6.87	cps
Magnesium	24-2	19965	19314	18880	19386	2.82	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	43812	43641	43611	43688	0.25	cps
Molybdenum	94-1	1092	925	1075	1031	8.91	cps
Molybdenum	95-1	525	708	750	661	18.11	cps
Molybdenum	96-1	892	967	825	895	7.92	cps
Molybdenum	97-1	483	308	442	411	22.24	cps
Molybdenum	98-1	925	942	1000	956	4.12	cps
Neodymium	150-1	20	33	40	31	32.73	cps
Neodymium	150-2	0	10	13	8	89.21	cps
Nickel	60-2	87	90	40	72	38.71	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	6302	6452	6218	6324	1.87	cps
Rhodium	103-1	9276223	8003386	8930416	8736675	7.53	cps
Rhodium	103-2	2276742	2262568	2269642	2269651	0.31	cps
Scandium	45-1	5804120	5005806	5564238	5458055	7.50	cps
Scandium	45-2	34506	34506	34422	34478	0.14	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	4	0	2	100.00	cps
Selenium	82-1	-16	-2	-11	-10	-71.21	cps
Silicon	28-1	3809149	3895431	3839853	3848144	1.14	cps
Silver	109-1	358	317	400	358	11.63	cps
Silver	107-1	383	475	400	419	11.64	cps
Sodium	23-2	26267	24923	25014	25401	2.96	cps
Strontium	86-1	47592	47116	47550	47419	0.56	cps
Strontium	88-1	407215	410556	410784	409519	0.49	cps
Sulfur	34-1	357385	357914	356222	357174	0.24	cps
Terbium	159-1	12938568	11215740	12436760	12197023	7.26	cps
Terbium	159-2	2309895	2280938	2299516	2296783	0.64	cps
Thallium	203-1	217	342	233	264	25.72	cps
Thallium	205-1	725	758	842	775	7.75	cps
Tin	118-1	1550	1542	1650	1581	3.81	cps
Titanium	47-1	175	183	258	206	22.33	cps
Uranium	238-1	217	225	183	208	10.58	cps
Vanadium	51-2	20	33	23	26	27.15	cps
Yttrium	89-1	10144425	8809647	9916372	9623481	7.42	cps
Yttrium	89-2	241667	241826	239825	241106	0.46	cps
Zinc	66-2	180	160	203	181	11.98	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-18DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0044DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:38:12	DataFile Name :	073SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2225	1825	2009	2020	9.92	cps
Zirconium	91-1	500	383	492	458	14.20	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	33	8	19	65.47	cps
Antimony	121-1	967	1083	1100	1050	6.92	cps
Arsenic	75-2	11	9	6	9	32.69	cps
Barium	135-1	3201	3084	2909	3064	4.79	cps
Barium	137-1	5193	4751	5376	5107	6.29	cps
Beryllium	9-1	150	200	178	176	14.24	cps
Bismuth	209-1	8090438	7990282	8001638	8027453	0.68	cps
Bismuth	209-2	1941960	2017266	1992396	1983874	1.93	cps
Boron	10-1	783	942	917	881	9.67	cps
Boron	11-1	4051	4101	4017	4056	1.03	cps
Cadmium	111-1	1404	1226	1404	1345	7.62	cps
Cadmium	106-1	1959	1717	2000	1892	8.09	cps
Cadmium	108-1	13	13	13	13	0.00	cps
Calcium	43-1	60774	61075	59544	60464	1.34	cps
Calcium	44-1	981953	992674	986112	986913	0.55	cps
Chromium	52-2	437	560	407	468	17.37	cps
Cobalt	59-2	757	760	733	750	1.94	cps
Copper	63-2	757	827	757	780	5.18	cps
Dysprosium	156-1	67	58	67	64	7.53	cps
Dysprosium	156-2	13	3	10	9	57.30	cps
Erbium	164-1	92	133	42	89	51.63	cps
Erbium	164-2	7	13	0	7	99.98	cps
Gadolinium	160-1	83	117	67	89	28.64	cps
Gadolinium	160-2	10	10	13	11	17.30	cps
Holmium	165-1	12409571	12267760	12286561	12321297	0.63	cps
Holmium	165-2	2327516	2384581	2404029	2372042	1.68	cps
Indium	115-1	9687073	9574727	9577411	9613070	0.67	cps
Indium	115-2	316999	325728	329817	324181	2.02	cps
Iron	56-2	12111	11455	12072	11879	3.10	cps
Iron	57-2	350	250	378	326	20.62	cps
Krypton	83-1	267	270	240	259	6.35	cps
Lead	206-1	367	283	472	374	25.31	cps
Lead	207-1	289	250	389	309	23.17	cps
Lead	208-1	1572	1450	1745	1589	9.31	cps
Lithium	6-1	2351687	2360690	2378701	2363693	0.58	cps
Magnesium	24-2	20332	20557	20115	20335	1.09	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	120481	118269	118460	119070	1.03	cps
Molybdenum	94-1	1125	1000	800	975	16.81	cps
Molybdenum	95-1	583	400	442	475	20.23	cps
Molybdenum	96-1	558	650	625	611	7.75	cps
Molybdenum	97-1	342	225	250	272	22.57	cps
Molybdenum	98-1	642	692	617	650	5.88	cps
Neodymium	150-1	67	60	53	60	11.11	cps
Neodymium	150-2	10	3	3	6	69.34	cps
Nickel	60-2	287	287	330	301	8.31	cps
Phosphorus	31-2	0	0	17	6	173.21	cps
Potassium	39-2	4334	4042	4526	4301	5.66	cps
Rhodium	103-1	8985945	8952201	9039791	8992646	0.49	cps
Rhodium	103-2	2218261	2291069	2275848	2261726	1.70	cps
Scandium	45-1	5750151	5651929	5605018	5669033	1.31	cps
Scandium	45-2	32769	34235	34108	33704	2.41	cps
Selenium	77-2	3	0	3	2	86.60	cps
Selenium	78-2	2	0	0	1	173.21	cps
Selenium	82-1	42	40	59	47	22.08	cps
Silicon	28-1	3532517	3531994	3525744	3530085	0.11	cps
Silver	109-1	383	350	467	400	15.02	cps
Silver	107-1	467	417	433	439	5.80	cps
Sodium	23-2	28505	27310	27511	27775	2.30	cps
Strontium	86-1	34018	35397	36341	35252	3.31	cps
Strontium	88-1	302821	308431	307327	306193	0.97	cps
Sulfur	34-1	362759	357376	357359	359165	0.87	cps
Terbium	159-1	12806862	12576510	12713859	12699077	0.91	cps
Terbium	159-2	2212217	2290131	2263549	2255299	1.76	cps
Thallium	203-1	250	250	192	231	14.61	cps
Thallium	205-1	433	458	450	447	2.85	cps
Tin	118-1	1492	1500	1742	1578	9.00	cps
Titanium	47-1	200	300	292	264	21.03	cps
Uranium	238-1	375	383	300	353	13.01	cps
Vanadium	51-2	13	17	7	12	41.65	cps
Yttrium	89-1	10040164	9944515	9949858	9978179	0.54	cps
Yttrium	89-2	232504	237740	240371	236872	1.69	cps
Zinc	66-2	197	133	150	160	20.52	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:41:31	DataFile Name :	074SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1809	1817	1867	1831	1.72	cps
Zirconium	91-1	408	425	400	411	3.10	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	17	50	28	69.27	cps
Antimony	121-1	925	667	858	817	16.42	cps
Arsenic	75-2	7	2	9	6	62.47	cps
Barium	135-1	3009	3409	3201	3206	6.24	cps
Barium	137-1	5743	5510	5902	5718	3.45	cps
Beryllium	9-1	144	133	133	137	4.68	cps
Bismuth	209-1	8052551	8068154	8043056	8054587	0.16	cps
Bismuth	209-2	2017004	1992046	2008500	2005850	0.63	cps
Boron	10-1	842	942	950	911	6.62	cps
Boron	11-1	4317	3951	3984	4084	4.97	cps
Cadmium	111-1	1335	1537	1383	1418	7.44	cps
Cadmium	106-1	1884	2167	1959	2003	7.33	cps
Cadmium	108-1	13	25	13	17	43.30	cps
Calcium	43-1	61611	62030	63553	62398	1.64	cps
Calcium	44-1	1029388	1028209	1035048	1030882	0.35	cps
Chromium	52-2	440	463	437	447	3.25	cps
Cobalt	59-2	840	707	677	741	11.73	cps
Copper	63-2	693	780	870	781	11.31	cps
Dysprosium	156-1	33	25	33	31	15.74	cps
Dysprosium	156-2	7	13	3	8	65.47	cps
Erbium	164-1	75	33	58	56	37.76	cps
Erbium	164-2	17	7	7	10	57.72	cps
Gadolinium	160-1	83	67	58	69	18.33	cps
Gadolinium	160-2	17	10	3	10	66.70	cps
Holmium	165-1	12612634	12465009	12271167	12449603	1.38	cps
Holmium	165-2	2381072	2408265	2408283	2399206	0.65	cps
Indium	115-1	9731474	9696930	9605368	9677924	0.67	cps
Indium	115-2	324695	325391	328994	326360	0.71	cps
Iron	56-2	12284	12150	12206	12213	0.55	cps
Iron	57-2	289	361	289	313	13.32	cps
Krypton	83-1	323	333	240	299	17.14	cps
Lead	206-1	389	333	367	363	7.70	cps
Lead	207-1	300	300	294	298	1.07	cps
Lead	208-1	1450	1372	1389	1404	2.92	cps
Lithium	6-1	2361620	2363972	2362426	2362673	0.05	cps
Magnesium	24-2	21058	20849	20925	20944	0.51	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	124801	125154	126937	125631	0.91	cps
Molybdenum	94-1	683	817	683	728	10.58	cps
Molybdenum	95-1	242	358	333	311	19.74	cps
Molybdenum	96-1	583	508	592	561	8.18	cps
Molybdenum	97-1	167	233	250	217	20.35	cps
Molybdenum	98-1	483	608	425	506	18.53	cps
Neodymium	150-1	73	60	60	64	11.95	cps
Neodymium	150-2	10	13	3	9	57.30	cps
Nickel	60-2	300	313	293	302	3.37	cps
Phosphorus	31-2	0	0	0	0	0.00	cps
Potassium	39-2	4709	4476	5126	4770	6.91	cps
Rhodium	103-1	9061287	9266430	9126932	9151550	1.14	cps
Rhodium	103-2	2272634	2282333	2300752	2285240	0.62	cps
Scandium	45-1	5739681	5698789	5678810	5705760	0.54	cps
Scandium	45-2	33844	33878	33931	33884	0.13	cps
Selenium	77-2	0	3	0	1	173.21	cps
Selenium	78-2	0	0	0	0	0.00	cps
Selenium	82-1	-21	-53	9	-22	-145.12	cps
Silicon	28-1	3682421	3665145	3647653	3665073	0.47	cps
Silver	109-1	325	325	317	322	1.49	cps
Silver	107-1	358	392	408	386	6.59	cps
Sodium	23-2	29381	28889	28271	28847	1.93	cps
Strontium	86-1	37695	37562	36366	37207	1.97	cps
Strontium	88-1	321718	321340	317842	320300	0.67	cps
Sulfur	34-1	362820	358737	356848	359468	0.85	cps
Terbium	159-1	12879519	12851062	12712529	12814370	0.70	cps
Terbium	159-2	2255387	2287955	2284720	2276020	0.79	cps
Thallium	203-1	125	200	175	167	22.91	cps
Thallium	205-1	483	517	417	472	10.78	cps
Tin	118-1	1400	1467	1383	1417	3.11	cps
Titanium	47-1	342	308	167	272	34.14	cps
Uranium	238-1	408	275	283	322	23.18	cps
Vanadium	51-2	10	13	3	9	57.30	cps
Yttrium	89-1	10082625	9963296	9920845	9988922	0.84	cps
Yttrium	89-2	239379	238459	241410	239749	0.63	cps
Zinc	66-2	153	197	183	178	12.48	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19DUPDLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041DUPDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:44:51	DataFile Name :	075SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1959	1475	1550	1661	15.66	cps
Zirconium	91-1	433	333	333	367	15.75	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	17	25	17	19	24.73	cps
Antimony	121-1	358	400	375	378	5.55	cps
Arsenic	75-2	4	7	0	4	100.05	cps
Barium	135-1	617	725	692	678	8.19	cps
Barium	137-1	1083	1117	1058	1086	2.69	cps
Beryllium	9-1	122	61	139	107	38.13	cps
Bismuth	209-1	7842982	7913602	7930589	7895725	0.59	cps
Bismuth	209-2	1987716	2029079	2031328	2016041	1.22	cps
Boron	10-1	600	600	642	614	3.92	cps
Boron	11-1	2734	2700	2950	2795	4.86	cps
Cadmium	111-1	1366	1401	1439	1402	2.59	cps
Cadmium	106-1	1934	1984	2034	1984	2.52	cps
Cadmium	108-1	0	0	8	3	173.21	cps
Calcium	43-1	12439	12323	12915	12559	2.50	cps
Calcium	44-1	209989	211587	211225	210934	0.40	cps
Chromium	52-2	430	453	450	444	2.84	cps
Cobalt	59-2	163	163	183	170	6.79	cps
Copper	63-2	567	480	557	534	8.87	cps
Dysprosium	156-1	42	25	25	31	31.50	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	58	8	42	69.29	cps
Erbium	164-2	3	7	13	8	65.47	cps
Gadolinium	160-1	58	92	75	75	22.22	cps
Gadolinium	160-2	0	10	0	3	173.21	cps
Holmium	165-1	12296772	12311649	12316451	12308291	0.08	cps
Holmium	165-2	2404811	2417990	2455395	2426065	1.08	cps
Indium	115-1	9700984	9648075	9672050	9673703	0.27	cps
Indium	115-2	333004	336502	334692	334733	0.52	cps
Iron	56-2	3501	3223	3389	3371	4.15	cps
Iron	57-2	111	78	72	87	24.17	cps
Krypton	83-1	263	283	323	290	10.53	cps
Lead	206-1	467	422	361	417	12.72	cps
Lead	207-1	367	339	361	356	4.13	cps
Lead	208-1	1695	1583	1572	1617	4.18	cps
Lithium	6-1	2425582	2392435	2397093	2405037	0.75	cps
Magnesium	24-2	4459	4634	4368	4487	3.02	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	24301	24452	24705	24486	0.83	cps
Molybdenum	94-1	600	592	625	606	2.86	cps
Molybdenum	95-1	300	250	283	278	9.16	cps
Molybdenum	96-1	367	275	450	364	24.06	cps
Molybdenum	97-1	133	158	183	158	15.79	cps
Molybdenum	98-1	292	367	458	372	22.43	cps
Neodymium	150-1	27	27	7	20	57.73	cps
Neodymium	150-2	0	0	0	0	0.00	cps
Nickel	60-2	123	110	77	103	23.26	cps
Phosphorus	31-2	8	8	0	6	86.60	cps
Potassium	39-2	2300	2300	2317	2306	0.42	cps
Rhodium	103-1	9143209	9199424	9029075	9123903	0.95	cps
Rhodium	103-2	2273507	2306185	2337861	2305851	1.40	cps
Scandium	45-1	5803263	5799704	5734927	5779298	0.67	cps
Scandium	45-2	35000	35174	35087	35087	0.25	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	2	0	2	1	86.60	cps
Selenium	82-1	16	30	-48	-1	-5947.33	cps
Silicon	28-1	995194	1004866	1000789	1000283	0.49	cps
Silver	109-1	367	175	275	272	35.22	cps
Silver	107-1	217	208	250	225	9.80	cps
Sodium	23-2	8470	8595	8836	8634	2.16	cps
Strontium	86-1	6869	7319	7769	7319	6.15	cps
Strontium	88-1	60326	60669	61356	60784	0.86	cps
Sulfur	34-1	359213	363510	363992	362238	0.73	cps
Terbium	159-1	12705836	12741210	12636788	12694611	0.42	cps
Terbium	159-2	2301725	2305501	2344071	2317099	1.01	cps
Thallium	203-1	125	150	142	139	9.16	cps
Thallium	205-1	342	383	300	342	12.20	cps
Tin	118-1	992	1375	1308	1225	16.72	cps
Titanium	47-1	92	183	183	153	34.64	cps
Uranium	238-1	92	100	100	97	4.95	cps
Vanadium	51-2	10	7	0	6	91.64	cps
Yttrium	89-1	10044950	10039314	9952114	10012126	0.52	cps
Yttrium	89-2	246999	249865	248805	248557	0.58	cps
Zinc	66-2	137	147	97	127	20.89	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19LDLX50	Instrumnet Name :	P8
Client Sample ID :	S45-0041LDL	Dilution Factor :	50
Date & Time Acquired ::	2018-07-11 18:48:11	DataFile Name :	076SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	1183	1150	1158	1164	1.49	cps
Zirconium	91-1	317	375	242	311	21.48	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4267	4167	4426	4287	3.04	cps
Antimony	121-1	386966	386182	386677	386608	0.10	cps
Arsenic	75-2	3350	3389	3076	3272	5.21	cps
Barium	135-1	392028	392987	394599	393205	0.33	cps
Barium	137-1	685041	688544	691446	688344	0.47	cps
Beryllium	9-1	62112	61961	62798	62290	0.72	cps
Bismuth	209-1	7828024	7926951	7730373	7828449	1.26	cps
Bismuth	209-2	1957914	1948418	1903696	1936676	1.49	cps
Boron	10-1	6819	7677	7527	7341	6.25	cps
Boron	11-1	30684	31310	33014	31669	3.81	cps
Cadmium	111-1	84470	83586	84830	84295	0.76	cps
Cadmium	106-1	10713	10796	10688	10732	0.53	cps
Cadmium	108-1	5751	6402	6152	6102	5.38	cps
Calcium	43-1	147603	147307	148383	147764	0.38	cps
Calcium	44-1	2454193	2466879	2480355	2467142	0.53	cps
Chromium	52-2	31278	31673	31349	31433	0.67	cps
Cobalt	59-2	71750	71160	69928	70946	1.31	cps
Copper	63-2	121122	120624	119771	120506	0.57	cps
Dysprosium	156-1	25	50	50	42	34.64	cps
Dysprosium	156-2	10	3	7	7	50.03	cps
Erbium	164-1	58	83	50	64	27.15	cps
Erbium	164-2	13	7	13	11	34.61	cps
Gadolinium	160-1	100	108	92	100	8.33	cps
Gadolinium	160-2	10	0	13	8	89.21	cps
Holmium	165-1	12209826	12260203	12065113	12178381	0.83	cps
Holmium	165-2	2364223	2343211	2291471	2332969	1.60	cps
Indium	115-1	9562180	9609924	9430340	9534148	0.98	cps
Indium	115-2	322636	320403	309789	317609	2.16	cps
Iron	56-2	1013816	1006096	994522	1004811	0.97	cps
Iron	57-2	25351	25240	25084	25225	0.53	cps
Krypton	83-1	297	340	263	300	12.81	cps
Lead	206-1	258318	258684	261862	259621	0.75	cps
Lead	207-1	228516	223488	228793	226932	1.32	cps
Lead	208-1	1043465	1035216	1044106	1040929	0.48	cps
Lithium	6-1	2408494	2352801	2327064	2362786	1.76	cps
Magnesium	24-2	135415	134254	134279	134649	0.49	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	141238	140666	138501	140135	1.03	cps
Molybdenum	94-1	643694	648928	640083	644235	0.69	cps
Molybdenum	95-1	774634	781760	786259	780884	0.75	cps
Molybdenum	96-1	862931	873687	878927	871848	0.94	cps
Molybdenum	97-1	488259	492535	491430	490741	0.45	cps
Molybdenum	98-1	1247082	1258516	1260104	1255234	0.57	cps
Neodymium	150-1	67	80	47	64	26.03	cps
Neodymium	150-2	0	7	10	6	91.64	cps
Nickel	60-2	21587	21493	21240	21440	0.84	cps
Phosphorus	31-2	0	8	8	6	86.60	cps
Potassium	39-2	29307	29666	29165	29379	0.88	cps
Rhodium	103-1	9030329	9058287	8879816	8989477	1.07	cps
Rhodium	103-2	2228111	2217647	2196607	2214122	0.72	cps
Scandium	45-1	5686725	5614986	5671899	5657870	0.67	cps
Scandium	45-2	34623	33761	33003	33795	2.40	cps
Selenium	77-2	7	23	13	14	58.06	cps
Selenium	78-2	63	67	74	68	8.33	cps
Selenium	82-1	5135	5082	5269	5162	1.86	cps
Silicon	28-1	3736910	3727839	3727161	3730636	0.15	cps
Silver	109-1	319746	317342	318318	318469	0.38	cps
Silver	107-1	332903	337375	332504	334261	0.81	cps
Sodium	23-2	287907	285051	281473	284810	1.13	cps
Strontium	86-1	137366	138554	138681	138200	0.52	cps
Strontium	88-1	1194578	1214165	1204863	1204535	0.81	cps
Sulfur	34-1	361761	358727	355275	358588	0.91	cps
Terbium	159-1	12630989	12640553	12521048	12597530	0.53	cps
Terbium	159-2	2258384	2258261	2167854	2228166	2.34	cps
Thallium	203-1	314328	318923	323019	318757	1.36	cps
Thallium	205-1	759515	757863	767816	761731	0.70	cps
Tin	118-1	259937	259674	262369	260660	0.57	cps
Titanium	47-1	215257	211414	210069	212247	1.27	cps
Uranium	238-1	1014692	1005093	1008641	1009475	0.48	cps
Vanadium	51-2	22505	21697	21907	22036	1.90	cps
Yttrium	89-1	9995638	10068974	9896589	9987067	0.87	cps
Yttrium	89-2	238121	235525	229439	234362	1.90	cps
Zinc	66-2	9787	9417	9373	9526	2.39	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-20DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:51:31	DataFile Name :	077SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	551504	558511	548181	552732	0.95	cps
Zirconium	91-1	123952	123071	122253	123092	0.69	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	4343	3867	3726	3979	8.12	cps
Antimony	121-1	379521	382675	385628	382608	0.80	cps
Arsenic	75-2	3215	3141	3147	3168	1.30	cps
Barium	135-1	389070	388759	394433	390754	0.82	cps
Barium	137-1	682529	682718	689663	684970	0.59	cps
Beryllium	9-1	60577	62012	60929	61173	1.22	cps
Bismuth	209-1	7870741	7479112	7635621	7661825	2.57	cps
Bismuth	209-2	1841032	1942656	1960061	1914583	3.36	cps
Boron	10-1	6727	7252	7686	7222	6.65	cps
Boron	11-1	31452	33498	32571	32507	3.15	cps
Cadmium	111-1	82344	82674	83378	82799	0.64	cps
Cadmium	106-1	10513	10688	10388	10530	1.43	cps
Cadmium	108-1	5976	6147	5972	6032	1.66	cps
Calcium	43-1	146026	146382	146684	146364	0.22	cps
Calcium	44-1	2463515	2437501	2434422	2445146	0.65	cps
Chromium	52-2	29912	30965	30891	30589	1.92	cps
Cobalt	59-2	69992	69917	69787	69899	0.15	cps
Copper	63-2	117901	116661	116936	117166	0.56	cps
Dysprosium	156-1	50	67	67	61	15.75	cps
Dysprosium	156-2	3	7	17	9	78.08	cps
Erbium	164-1	33	67	67	56	34.65	cps
Erbium	164-2	17	17	7	13	43.29	cps
Gadolinium	160-1	125	75	108	103	24.77	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	12296772	11646921	11937212	11960302	2.72	cps
Holmium	165-2	2247292	2309039	2341097	2299143	2.07	cps
Indium	115-1	9487242	9140250	9238313	9288602	1.93	cps
Indium	115-2	305556	318341	320945	314947	2.62	cps
Iron	56-2	990817	984255	979340	984804	0.58	cps
Iron	57-2	25746	24834	24500	25027	2.58	cps
Krypton	83-1	373	287	333	331	13.10	cps
Lead	206-1	255203	258136	258692	257344	0.73	cps
Lead	207-1	224455	224911	227584	225650	0.75	cps
Lead	208-1	1029683	1034508	1041854	1035348	0.59	cps
Lithium	6-1	2339913	2255835	2255875	2283874	2.12	cps
Magnesium	24-2	130916	129518	129358	129931	0.66	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	128057	128502	128034	128197	0.21	cps
Molybdenum	94-1	634167	639602	646472	640080	0.96	cps
Molybdenum	95-1	767005	776247	782057	775103	0.98	cps
Molybdenum	96-1	861485	864943	876108	867512	0.88	cps
Molybdenum	97-1	485063	489913	486265	487081	0.52	cps
Molybdenum	98-1	1238076	1242760	1252552	1244463	0.59	cps
Neodymium	150-1	40	60	67	56	24.98	cps
Neodymium	150-2	7	0	7	4	86.60	cps
Nickel	60-2	20903	20946	21039	20963	0.33	cps
Phosphorus	31-2	0	8	0	3	173.21	cps
Potassium	39-2	28630	29064	28129	28608	1.64	cps
Rhodium	103-1	8949854	8576796	8686622	8737757	2.19	cps
Rhodium	103-2	2129486	2205993	2222814	2186097	2.28	cps
Scandium	45-1	5647469	5431082	5538604	5539052	1.95	cps
Scandium	45-2	32444	32959	33323	32909	1.34	cps
Selenium	77-2	10	23	10	14	53.28	cps
Selenium	78-2	78	70	70	73	5.87	cps
Selenium	82-1	4875	5088	5029	4998	2.21	cps
Silicon	28-1	3663029	3681925	3675312	3673422	0.26	cps
Silver	109-1	310328	312990	312850	312056	0.48	cps
Silver	107-1	324064	329237	334283	329195	1.55	cps
Sodium	23-2	283115	278873	278120	280036	0.96	cps
Strontium	86-1	137241	135845	138051	137045	0.81	cps
Strontium	88-1	1180726	1190119	1193981	1188275	0.57	cps
Sulfur	34-1	352875	351226	353694	352598	0.36	cps
Terbium	159-1	12626039	12010893	12257010	12297981	2.52	cps
Terbium	159-2	2124335	2221615	2228451	2191467	2.66	cps
Thallium	203-1	313167	314401	317838	315135	0.77	cps
Thallium	205-1	755175	757906	763406	758829	0.55	cps
Tin	118-1	255804	258401	258368	257524	0.58	cps
Titanium	47-1	206812	208345	208203	207787	0.41	cps
Uranium	238-1	995530	996948	1007912	1000130	0.68	cps
Vanadium	51-2	22168	22248	22051	22155	0.45	cps
Yttrium	89-1	9868183	9456220	9573069	9632491	2.20	cps
Yttrium	89-2	227333	232709	235646	231896	1.82	cps
Zinc	66-2	9170	9106	9603	9293	2.91	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-21DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041MSDDL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:54:50	DataFile Name :	078SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	543041	546604	551753	547133	0.80	cps
Zirconium	91-1	121445	120967	124002	122138	1.34	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	3959	4001	3951	3970	0.67	cps
Antimony	121-1	382649	384115	386340	384368	0.48	cps
Arsenic	75-2	3132	3373	3110	3205	4.55	cps
Barium	135-1	393333	395274	400721	396443	0.97	cps
Barium	137-1	688209	686278	690161	688216	0.28	cps
Beryllium	9-1	61722	61598	61236	61519	0.41	cps
Bismuth	209-1	7868689	7692319	7733617	7764875	1.19	cps
Bismuth	209-2	1970775	1927969	1923611	1940785	1.34	cps
Boron	10-1	7386	7202	7636	7408	2.94	cps
Boron	11-1	32379	33214	32362	32652	1.49	cps
Cadmium	111-1	83618	84537	84547	84234	0.63	cps
Cadmium	106-1	10454	11163	11139	10919	3.68	cps
Cadmium	108-1	5972	5901	6089	5988	1.58	cps
Calcium	43-1	147619	144764	148495	146959	1.33	cps
Calcium	44-1	2434301	2462457	2449745	2448834	0.58	cps
Chromium	52-2	31482	30296	30881	30886	1.92	cps
Cobalt	59-2	69861	70447	69291	69866	0.83	cps
Copper	63-2	118292	117851	118671	118271	0.35	cps
Dysprosium	156-1	50	58	92	67	33.07	cps
Dysprosium	156-2	7	13	17	12	41.65	cps
Erbium	164-1	75	75	92	81	11.95	cps
Erbium	164-2	3	13	20	12	68.66	cps
Gadolinium	160-1	58	125	58	81	47.78	cps
Gadolinium	160-2	10	17	13	13	25.01	cps
Holmium	165-1	12280984	11968889	12030141	12093338	1.37	cps
Holmium	165-2	2411642	2325996	2319777	2352472	2.18	cps
Indium	115-1	9602184	9351861	9279625	9411224	1.80	cps
Indium	115-2	327829	320256	317066	321717	1.72	cps
Iron	56-2	999514	984918	991566	991999	0.74	cps
Iron	57-2	25084	25223	24889	25066	0.67	cps
Krypton	83-1	310	337	300	316	6.01	cps
Lead	206-1	257098	259079	260256	258811	0.62	cps
Lead	207-1	223186	227583	228659	226476	1.28	cps
Lead	208-1	1032490	1046284	1049423	1042732	0.86	cps
Lithium	6-1	2369450	2295542	2318277	2327756	1.63	cps
Magnesium	24-2	131757	129824	132049	131210	0.92	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	135627	135645	136815	136029	0.50	cps
Molybdenum	94-1	640492	642597	652344	645144	0.98	cps
Molybdenum	95-1	767051	779566	785857	777492	1.23	cps
Molybdenum	96-1	869794	873790	879853	874479	0.58	cps
Molybdenum	97-1	487062	487006	490818	488295	0.45	cps
Molybdenum	98-1	1240625	1251246	1257151	1249674	0.67	cps
Neodymium	150-1	53	87	40	60	40.06	cps
Neodymium	150-2	7	0	0	2	173.21	cps
Nickel	60-2	20956	20886	20712	20851	0.60	cps
Phosphorus	31-2	33	0	8	14	124.91	cps
Potassium	39-2	28730	28020	29707	28819	2.94	cps
Rhodium	103-1	9001172	8764740	8808588	8858167	1.42	cps
Rhodium	103-2	2289311	2242846	2225446	2252535	1.47	cps
Scandium	45-1	5674151	5554608	5490576	5573112	1.67	cps
Scandium	45-2	34509	33497	32675	33560	2.74	cps
Selenium	77-2	40	17	27	28	42.13	cps
Selenium	78-2	69	63	76	69	9.41	cps
Selenium	82-1	5024	5042	5018	5028	0.25	cps
Silicon	28-1	3697267	3704997	3682861	3695042	0.30	cps
Silver	109-1	319711	317353	318911	318658	0.38	cps
Silver	107-1	331722	334032	336134	333962	0.66	cps
Sodium	23-2	280163	281848	281813	281275	0.34	cps
Strontium	86-1	137141	136080	136838	136686	0.40	cps
Strontium	88-1	1191971	1189005	1208374	1196450	0.87	cps
Sulfur	34-1	351706	352097	350571	351458	0.23	cps
Terbium	159-1	12616375	12273836	12263222	12384478	1.62	cps
Terbium	159-2	2289465	2210958	2191825	2230749	2.32	cps
Thallium	203-1	313472	320161	317278	316970	1.06	cps
Thallium	205-1	752228	767395	762976	760866	1.03	cps
Tin	118-1	257958	259632	265675	261089	1.55	cps
Titanium	47-1	208478	212617	209712	210269	1.01	cps
Uranium	238-1	1002322	1015990	1027691	1015335	1.25	cps
Vanadium	51-2	22091	22081	22605	22259	1.35	cps
Yttrium	89-1	9969186	9616826	9634444	9740152	2.04	cps
Yttrium	89-2	242855	233985	234298	237046	2.12	cps
Zinc	66-2	9393	9030	9343	9255	2.13	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-19ADLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0041ADL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 18:58:09	DataFile Name :	079SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	555213	553904	558826	555981	0.46	cps
Zirconium	91-1	123564	123657	124943	124055	0.62	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	75	0	33	36	104.07	cps
Antimony	121-1	617	550	425	531	18.34	cps
Arsenic	75-2	169	176	157	167	5.57	cps
Barium	135-1	3751	4068	3709	3842	5.10	cps
Barium	137-1	6844	6961	6694	6833	1.96	cps
Beryllium	9-1	156	100	144	133	22.05	cps
Bismuth	209-1	7859743	7504748	7775476	7713322	2.40	cps
Bismuth	209-2	1865852	1955024	1979613	1933497	3.10	cps
Boron	10-1	1392	925	1317	1211	20.69	cps
Boron	11-1	5251	5285	5068	5201	2.24	cps
Cadmium	111-1	1541	1253	1580	1458	12.25	cps
Cadmium	106-1	2142	1759	2200	2034	11.80	cps
Cadmium	108-1	0	4	8	4	99.96	cps
Calcium	43-1	47448	46244	46754	46815	1.29	cps
Calcium	44-1	775052	778761	780373	778062	0.35	cps
Chromium	52-2	350	467	467	428	15.75	cps
Cobalt	59-2	283	350	353	329	12.01	cps
Copper	63-2	647	633	610	630	2.95	cps
Dysprosium	156-1	25	50	25	33	43.30	cps
Dysprosium	156-2	10	3	3	6	69.34	cps
Erbium	164-1	67	83	58	69	18.33	cps
Erbium	164-2	13	13	17	14	13.35	cps
Gadolinium	160-1	42	83	108	78	43.30	cps
Gadolinium	160-2	13	13	3	10	57.75	cps
Holmium	165-1	12280399	11704676	12168016	12051030	2.53	cps
Holmium	165-2	2232434	2362188	2368521	2321048	3.31	cps
Indium	115-1	9504079	9226022	9553850	9427984	1.87	cps
Indium	115-2	308391	322814	323639	318282	2.69	cps
Iron	56-2	403029	407006	398797	402944	1.02	cps
Iron	57-2	10276	10093	9998	10122	1.40	cps
Krypton	83-1	313	340	273	309	10.86	cps
Lead	206-1	489	417	428	444	8.75	cps
Lead	207-1	383	406	389	393	2.95	cps
Lead	208-1	1839	1706	1811	1785	3.94	cps
Lithium	6-1	2349551	2261326	2346779	2319219	2.16	cps
Magnesium	24-2	20699	21242	20340	20760	2.19	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	25336	25824	25537	25566	0.96	cps
Molybdenum	94-1	1292	1292	1300	1295	0.37	cps
Molybdenum	95-1	700	825	708	745	9.39	cps
Molybdenum	96-1	1067	1025	1058	1050	2.10	cps
Molybdenum	97-1	575	550	467	531	10.69	cps
Molybdenum	98-1	1317	1233	1092	1214	9.37	cps
Neodymium	150-1	73	33	40	49	43.84	cps
Neodymium	150-2	0	7	3	3	100.05	cps
Nickel	60-2	143	120	140	134	9.39	cps
Phosphorus	31-2	0	25	0	8	173.21	cps
Potassium	39-2	4734	4626	4776	4712	1.64	cps
Rhodium	103-1	8994785	8580439	8958780	8844668	2.60	cps
Rhodium	103-2	2138490	2237361	2236363	2204071	2.58	cps
Scandium	45-1	5693471	5278241	5646673	5539462	4.11	cps
Scandium	45-2	32535	33878	33393	33268	2.04	cps
Selenium	77-2	3	3	0	2	86.60	cps
Selenium	78-2	0	0	2	1	173.21	cps
Selenium	82-1	10	-52	54	4	1381.32	cps
Silicon	28-1	2479732	2459838	2456961	2465510	0.50	cps
Silver	109-1	300	267	333	300	11.11	cps
Silver	107-1	317	342	192	283	28.36	cps
Sodium	23-2	33574	32739	33207	33173	1.26	cps
Strontium	86-1	28598	29282	28698	28859	1.28	cps
Strontium	88-1	244394	245470	245546	245137	0.26	cps
Sulfur	34-1	357061	358343	358052	357819	0.19	cps
Terbium	159-1	12652072	12064757	12433519	12383450	2.40	cps
Terbium	159-2	2116353	2242909	2248233	2202498	3.39	cps
Thallium	203-1	317	292	233	281	15.24	cps
Thallium	205-1	725	600	633	653	9.92	cps
Tin	118-1	1417	1475	1408	1433	2.53	cps
Titanium	47-1	292	258	242	264	9.65	cps
Uranium	238-1	192	158	142	164	15.54	cps
Vanadium	51-2	43	40	33	39	13.09	cps
Yttrium	89-1	9874650	9511381	9919358	9768463	2.29	cps
Yttrium	89-2	226393	238157	236514	233688	2.73	cps
Zinc	66-2	130	130	133	131	1.47	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	J3900-22DLX10	Instrumnet Name :	P8
Client Sample ID :	S45-0045DL	Dilution Factor :	10
Date & Time Acquired ::	2018-07-11 19:01:29	DataFile Name :	080SMPL.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	2567	2325	2450	2448	4.94	cps
Zirconium	91-1	508	533	492	511	4.10	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	233796	239497	238132	237142	1.26	cps
Antimony	121-1	3753682	3787398	3805353	3782144	0.69	cps
Arsenic	75-2	34974	34738	34183	34632	1.17	cps
Barium	135-1	4095399	4113866	4064417	4091227	0.61	cps
Barium	137-1	6989036	7011317	6962679	6987677	0.35	cps
Beryllium	9-1	617963	619631	620042	619212	0.18	cps
Bismuth	209-1	7242763	7244660	7272729	7253384	0.23	cps
Bismuth	209-2	1893509	1853516	1893420	1880148	1.23	cps
Boron	10-1	68196	69703	71562	69820	2.41	cps
Boron	11-1	308865	317586	324107	316853	2.41	cps
Cadmium	111-1	790419	789493	795833	791915	0.43	cps
Cadmium	106-1	85002	85949	85311	85420	0.57	cps
Cadmium	108-1	58225	57526	57459	57737	0.73	cps
Calcium	43-1	4476529	4487540	4494676	4486249	0.20	cps
Calcium	44-1	72965879	73396212	73681337	73347809	0.49	cps
Chromium	52-2	333797	337144	337201	336047	0.58	cps
Cobalt	59-2	711284	718871	718137	716097	0.58	cps
Copper	63-2	1211702	1220543	1216748	1216331	0.36	cps
Dysprosium	156-1	92	83	50	75	29.40	cps
Dysprosium	156-2	7	3	7	6	34.70	cps
Erbium	164-1	33	58	25	39	44.62	cps
Erbium	164-2	3	7	10	7	50.03	cps
Gadolinium	160-1	175	108	125	136	25.49	cps
Gadolinium	160-2	7	13	23	14	58.06	cps
Holmium	165-1	12010440	11951358	12017906	11993235	0.30	cps
Holmium	165-2	2415196	2392077	2416324	2407866	0.57	cps
Indium	115-1	9133041	9006530	9202467	9114013	1.09	cps
Indium	115-2	327037	320326	328657	325340	1.36	cps
Iron	56-2	53613523	54458490	54219157	54097057	0.81	cps
Iron	57-2	1357330	1361997	1369158	1362828	0.44	cps
Krypton	83-1	283	277	357	306	14.53	cps
Lead	206-1	2556444	2498544	2544689	2533226	1.21	cps
Lead	207-1	2323320	2274951	2325455	2307908	1.24	cps
Lead	208-1	10359259	10232741	10323016	10305005	0.63	cps
Lithium	6-1	2274312	2276095	2279777	2276728	0.12	cps
Magnesium	24-2	6015067	6082470	6092773	6063437	0.70	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	171106	172857	172727	172230	0.57	cps
Molybdenum	94-1	6725829	6728010	6738155	6730664	0.10	cps
Molybdenum	95-1	8258105	8164191	8271513	8231270	0.71	cps
Molybdenum	96-1	9066047	9120395	9069939	9085460	0.33	cps
Molybdenum	97-1	5204831	5253987	5256914	5238577	0.56	cps
Molybdenum	98-1	13223716	13209902	13247697	13227105	0.14	cps
Neodymium	150-1	173	167	207	182	11.76	cps
Neodymium	150-2	3	13	0	6	124.93	cps
Nickel	60-2	212028	212269	211043	211780	0.31	cps
Phosphorus	31-2	2859	2900	2900	2887	0.83	cps
Potassium	39-2	1447979	1457916	1464534	1456809	0.57	cps
Rhodium	103-1	8399429	8415299	8426347	8413692	0.16	cps
Rhodium	103-2	2186142	2145973	2182982	2171699	1.03	cps
Scandium	45-1	5593968	5672289	5703188	5656482	1.00	cps
Scandium	45-2	36608	35642	36384	36211	1.40	cps
Selenium	77-2	167	217	217	200	14.43	cps
Selenium	78-2	789	813	791	798	1.68	cps
Selenium	82-1	49501	49603	50032	49712	0.57	cps
Silicon	28-1	1993925	2010119	2005643	2003229	0.42	cps
Silver	109-1	3816164	3827868	3816354	3820129	0.18	cps
Silver	107-1	3937694	3980477	3983401	3967191	0.64	cps
Sodium	23-2	13833339	13974874	13995524	13934579	0.63	cps
Strontium	86-1	1039772	1043247	1056410	1046477	0.84	cps
Strontium	88-1	9022873	9028761	9091267	9047634	0.42	cps
Sulfur	34-1	630768	631550	634051	632123	0.27	cps
Terbium	159-1	12270205	12355778	12378828	12334937	0.46	cps
Terbium	159-2	2275069	2245363	2316430	2278954	1.57	cps
Thallium	203-1	3129348	3095844	3115159	3113450	0.54	cps
Thallium	205-1	7267536	7198364	7294765	7253555	0.69	cps
Tin	118-1	2697929	2704292	2715654	2705958	0.33	cps
Titanium	47-1	2316616	2277200	2294350	2296055	0.86	cps
Uranium	238-1	9945595	10014186	10057200	10005660	0.56	cps
Vanadium	51-2	240838	241138	241872	241283	0.22	cps
Yttrium	89-1	9765238	9772575	9857993	9798602	0.53	cps
Yttrium	89-2	250540	248301	255459	251433	1.46	cps
Zinc	66-2	97143	97728	98026	97633	0.46	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCV14	Instrumnet Name :	P8
Client Sample ID :	CCV14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:04:48	DataFile Name :	081CCV.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	5645087	5683573	5713684	5680781	0.61	cps
Zirconium	91-1	1251357	1246799	1254910	1251022	0.33	cps

LB Number : LB96579 Operator : Jaswal
 Lab Sample ID : CCB14 Instrumnet Name : P8
 Client Sample ID : CCB14 Dilution Factor : 1
 Date & Time Acquired :: 2018-07-11 19:07:58 DataFile Name : 082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Aluminium	27-2	8	42	33	28	62.46	cps
Antimony	121-1	9929	8128	7561	8539	14.48	cps
Arsenic	75-2	7	6	9	7	24.97	cps
Barium	135-1	108	150	75	111	33.82	cps
Barium	137-1	275	200	150	208	30.20	cps
Beryllium	9-1	317	294	372	328	12.22	cps
Bismuth	209-1	7560158	7361182	7426088	7449143	1.36	cps
Bismuth	209-2	2035921	2011567	2032634	2026707	0.65	cps
Boron	10-1	2959	2525	2309	2598	12.74	cps
Boron	11-1	12473	11455	10604	11511	8.13	cps
Cadmium	111-1	1303	1428	1549	1427	8.62	cps
Cadmium	106-1	1734	1959	2100	1931	9.58	cps
Cadmium	108-1	21	38	13	24	53.92	cps
Calcium	43-1	783	608	575	656	17.07	cps
Calcium	44-1	18179	18162	17987	18110	0.59	cps
Chromium	52-2	383	490	443	439	12.18	cps
Cobalt	59-2	50	50	83	61	31.50	cps
Copper	63-2	363	380	467	403	13.76	cps
Dysprosium	156-1	17	8	8	11	43.34	cps
Dysprosium	156-2	0	3	0	1	173.21	cps
Erbium	164-1	58	25	58	47	40.76	cps
Erbium	164-2	0	10	0	3	173.21	cps
Gadolinium	160-1	42	42	75	53	36.46	cps
Gadolinium	160-2	17	10	13	13	25.01	cps
Holmium	165-1	11886193	11479562	11577123	11647626	1.82	cps
Holmium	165-2	2448931	2446069	2468559	2454519	0.50	cps
Indium	115-1	9538332	9222192	9295559	9352027	1.77	cps
Indium	115-2	344597	342151	346109	344285	0.58	cps
Iron	56-2	3317	2912	2600	2943	12.21	cps
Iron	57-2	94	83	67	81	17.16	cps
Krypton	83-1	397	297	337	343	14.66	cps
Lead	206-1	439	522	456	472	9.34	cps
Lead	207-1	517	494	489	500	2.94	cps
Lead	208-1	2072	2222	2145	2146	3.50	cps
Lithium	6-1	2385404	2296459	2284173	2322012	2.38	cps
Magnesium	24-2	342	350	383	358	6.15	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:07:58	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Manganese	55-2	50	50	63	54	14.14	cps
Molybdenum	94-1	3576	3284	2825	3228	11.72	cps
Molybdenum	95-1	4301	3584	3484	3790	11.76	cps
Molybdenum	96-1	4593	4259	4042	4298	6.45	cps
Molybdenum	97-1	2867	2234	2067	2389	17.67	cps
Molybdenum	98-1	7202	5768	5526	6166	14.69	cps
Neodymium	150-1	0	0	0	0	0.00	cps
Neodymium	150-2	0	3	0	1	173.21	cps
Nickel	60-2	83	40	47	57	41.18	cps
Phosphorus	31-2	8	0	8	6	86.60	cps
Potassium	39-2	1809	1850	1925	1861	3.18	cps
Rhodium	103-1	8945471	8720237	8709950	8791886	1.51	cps
Rhodium	103-2	2351932	2332371	2358888	2347731	0.59	cps
Scandium	45-1	5767367	5649868	5621221	5679485	1.36	cps
Scandium	45-2	36541	36558	36518	36539	0.06	cps
Selenium	77-2	0	0	0	0	0.00	cps
Selenium	78-2	0	6	0	2	173.21	cps
Selenium	82-1	-92	38	-16	-23	-281.01	cps
Silicon	28-1	251748	252150	254911	252936	0.68	cps
Silver	109-1	400	442	442	428	5.62	cps
Silver	107-1	9514	383	400	3432	153.44	cps
Sodium	23-2	5110	5518	5443	5357	4.06	cps
Strontium	86-1	567	567	617	583	4.95	cps
Strontium	88-1	633	492	550	558	12.75	cps
Sulfur	34-1	372419	367990	371169	370526	0.62	cps
Terbium	159-1	12282518	11881041	12118119	12093893	1.67	cps
Terbium	159-2	2344159	2312546	2329849	2328851	0.68	cps
Thallium	203-1	867	825	667	786	13.42	cps
Thallium	205-1	2150	1975	1934	2020	5.69	cps
Tin	118-1	4001	3876	3184	3687	11.93	cps
Titanium	47-1	225	275	292	264	13.15	cps
Uranium	238-1	500	467	433	467	7.14	cps
Vanadium	51-2	20	7	13	13	49.99	cps
Yttrium	89-1	9953895	9625711	9777270	9785625	1.68	cps
Yttrium	89-2	257835	253992	254861	255563	0.79	cps
Zinc	66-2	70	50	57	59	17.29	cps

LB Number :	LB96579	Operator :	Jaswal
Lab Sample ID :	CCB14	Instrumnet Name :	P8
Client Sample ID :	CCB14	Dilution Factor :	1
Date & Time Acquired ::	2018-07-11 19:07:58	DataFile Name :	082CCBE.d

Parameter	Mass	CPS1	CPS2	CPS3	CPSMean	CPSRSD	Units
Zirconium	90-1	3617	3542	3484	3548	1.89	cps
Zirconium	91-1	850	908	725	828	11.31	cps